

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047297.D
 Acq On : 21 Aug 2024 14:27
 Operator : RC/JU
 Sample : P3617-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B4-081424-10-16MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 15:32:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	176222	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	677969	20.000	ng	-0.02
39) Acenaphthene-d10	14.015	164	464627	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1007426	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	946266	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1032820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1115608	113.119	ng	-0.01
7) Phenol-d6	6.569	99	1470040	108.176	ng	-0.02
23) Nitrobenzene-d5	8.504	82	986414	73.262	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	658414	122.213	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2141767	71.105	ng	-0.02
79) Terphenyl-d14	19.445	244	3110912	70.445	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	181662	44.456	ng	96
3) Pyridine	3.393	79	504111	42.071	ng	98
4) n-Nitrosodimethylamine	3.316	42	232370	44.387	ng	99
6) Aniline	6.704	93	466658	36.332	ng	98
8) 2-Chlorophenol	6.934	128	585139	54.399	ng	97
9) Benzaldehyde	6.516	77	319315	49.634	ng	99
10) Phenol	6.598	94	683992	50.443	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	552839	47.608	ng	98
12) 1,3-Dichlorobenzene	7.245	146	640866	50.138	ng	97
13) 1,4-Dichlorobenzene	7.387	146	651182	50.317	ng	99
14) 1,2-Dichlorobenzene	7.698	146	628718	51.488	ng	98
15) Benzyl Alcohol	7.610	79	514345m	53.181	ng	
16) 2,2'-oxybis(1-Chloropr...	7.881	45	685985	46.037	ng	99
17) 2-Methylphenol	7.816	107	466901	51.612	ng	99
18) Hexachloroethane	8.404	117	243101	48.494	ng	95
19) n-Nitroso-di-n-propyla...	8.163	70	411373	44.941	ng	97
20) 3+4-Methylphenols	8.145	107	644554	50.965	ng	98
22) Acetophenone	8.175	105	789390	48.236	ng	99
24) Nitrobenzene	8.545	77	643135	47.437	ng	96
25) Isophorone	9.069	82	1178767	50.281	ng	99
26) 2-Nitrophenol	9.245	139	329834	54.933	ng	93
27) 2,4-Dimethylphenol	9.328	122	465446	66.178	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	720810	48.865	ng	100
29) 2,4-Dichlorophenol	9.780	162	608411	58.300	ng	99
30) 1,2,4-Trichlorobenzene	9.980	180	620280	52.522	ng	98
31) Naphthalene	10.157	128	1691471	50.082	ng	99
32) Benzoic acid	9.510	122	471753	57.732	ng	97
33) 4-Chloroaniline	10.286	127	372766	28.701	ng	99
34) Hexachlorobutadiene	10.439	225	384810	55.669	ng	99
35) Caprolactam	11.092	113	211429	58.339	ng	96
36) 4-Chloro-3-methylphenol	11.439	107	606688	54.587	ng	99
37) 2-Methylnaphthalene	11.786	142	1246193	51.823	ng	99
38) 1-Methylnaphthalene	12.010	142	1163399	48.952	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	695770	54.902	ng	99
41) Hexachlorocyclopentadiene	12.139	237	645132	145.785	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	519296	57.651	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	567706	56.765	ng	97
46) 1,1'-Biphenyl	12.833	154	1652122	49.947	ng	99
47) 2-Chloronaphthalene	12.869	162	1291555	49.957	ng	98
48) 2-Nitroaniline	13.098	65	414769	51.210	ng	94
49) Acenaphthylene	13.733	152	2089617	54.833	ng	100
50) Dimethylphthalate	13.498	163	1705999	52.573	ng	99
51) 2,6-Dinitrotoluene	13.616	165	390005	51.414	ng	# 87
52) Acenaphthene	14.080	154	1268955	52.493	ng	100
53) 3-Nitroaniline	13.945	138	254010	33.417	ng	98
54) 2,4-Dinitrophenol	14.168	184	449882	98.953	ng	92
55) Dibenzofuran	14.421	168	2013443	52.731	ng	99
56) 4-Nitrophenol	14.298	139	721306	110.048	ng	97
57) 2,4-Dinitrotoluene	14.415	165	534020	52.743	ng	99
58) Fluorene	15.080	166	1640666	52.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	507127	61.698	ng	94
60) Diethylphthalate	14.880	149	1706763	51.506	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	797666	53.181	ng	96
62) 4-Nitroaniline	15.121	138	376463	50.273	ng	98
63) Azobenzene	15.380	77	1534783	48.848	ng	95
65) 4,6-Dinitro-2-methylph...	15.186	198	295995	50.183	ng	94
66) n-Nitrosodiphenylamine	15.304	169	1464397	53.368	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	533912	54.999	ng	97
68) Hexachlorobenzene	16.086	284	621614	53.465	ng	95
69) Atrazine	16.280	200	578829	70.101	ng	99
70) Pentachlorophenol	16.445	266	905612	111.118	ng	98
71) Phenanthrene	16.821	178	2693621	53.277	ng	100
72) Anthracene	16.915	178	2743767	55.774	ng	100
73) Carbazole	17.198	167	2665537	53.068	ng	99
74) Di-n-butylphthalate	17.780	149	3089436	52.861	ng	99
75) Fluoranthene	18.856	202	3319836	53.985	ng	99
77) Benzidine	19.062	184	1613985	100.577	ng	99
78) Pyrene	19.227	202	3490388	51.659	ng	99
80) Butylbenzylphthalate	20.162	149	1525502	55.324	ng	95
81) Benzo(a)anthracene	21.009	228	3376550	53.751	ng	100
82) 3,3'-Dichlorobenzidine	20.944	252	949677	48.318	ng	98
83) Chrysene	21.062	228	3157666	52.981	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	2107627	53.898	ng	99
85) Di-n-octyl phthalate	21.991	149	3865135	58.152	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3387651	50.744	ng	98
88) Benzo(b)fluoranthene	22.874	252	3297391	53.760	ng	99
89) Benzo(k)fluoranthene	22.933	252	3209415	55.398	ng	99
90) Benzo(a)pyrene	23.591	252	3042711	57.266	ng	98
91) Dibenzo(a,h)anthracene	26.762	278	2704591	50.060	ng	99
92) Benzo(g,h,i)perylene	27.638	276	2578788	45.973	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

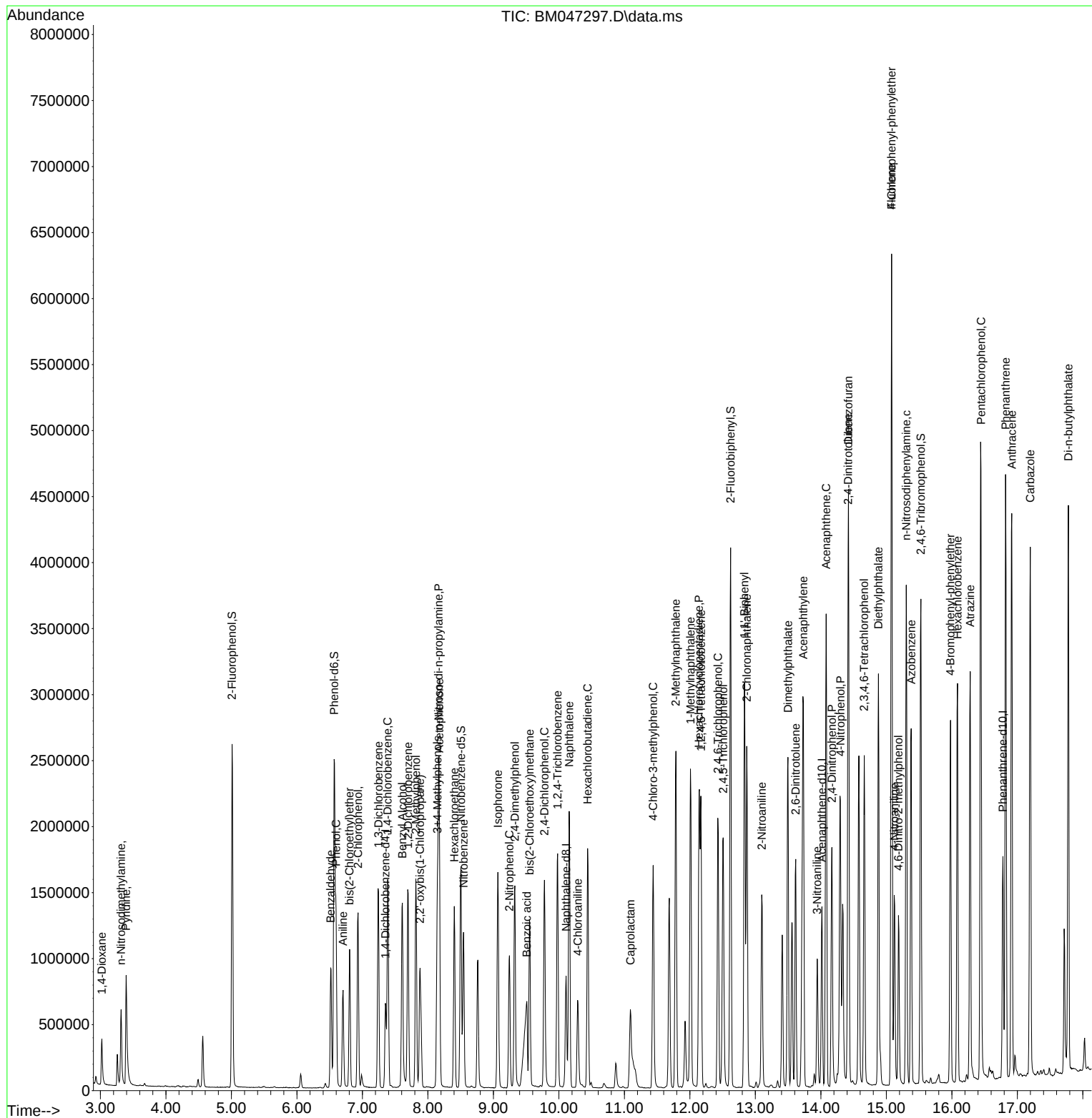
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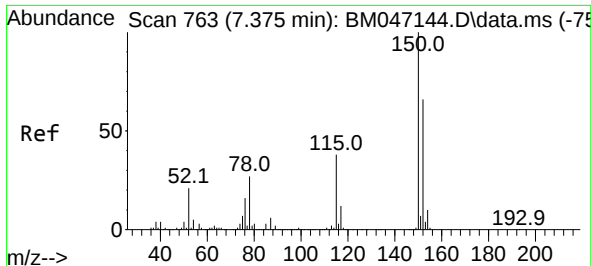
Instrument :
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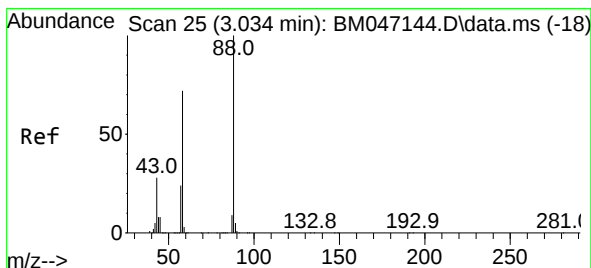
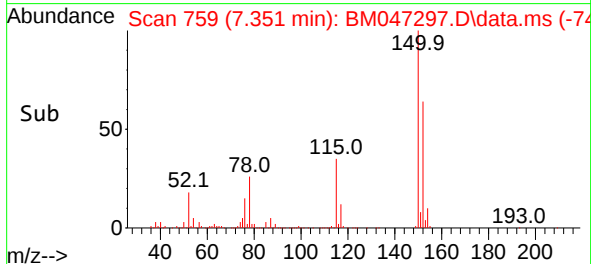
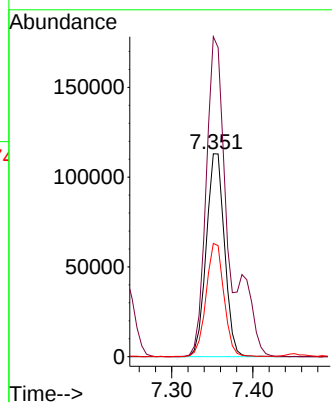
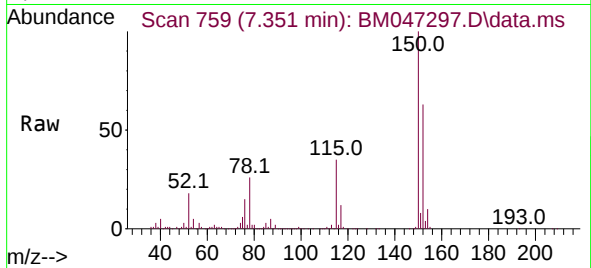
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047297.D
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ClientSampleId :
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Tgt Ion:152 Resp: 17622
Ion Ratio Lower Upper
152 100
150 157.7 120.5 180.7
115 55.8 45.5 68.3

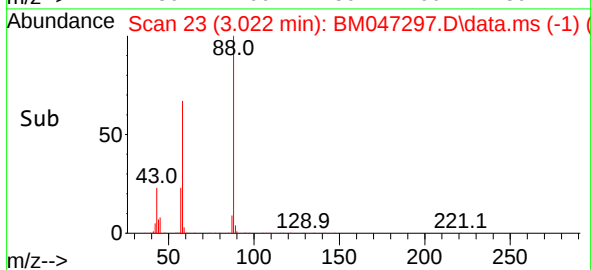
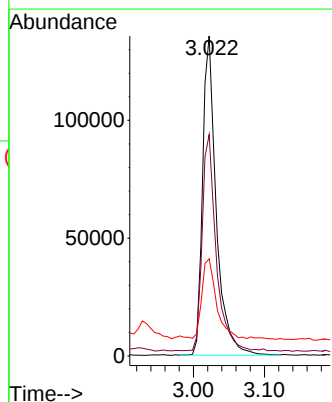
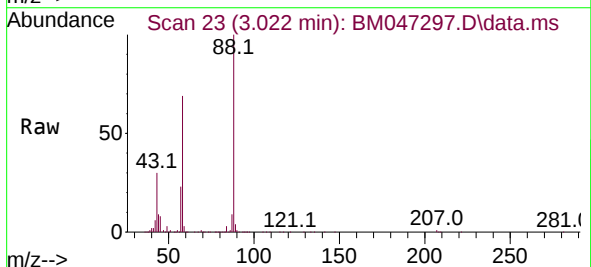
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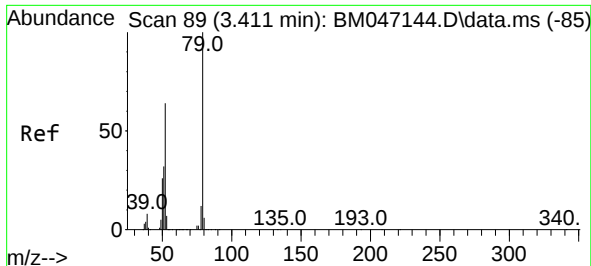
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#2
1,4-Dioxane
Concen: 44.456 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

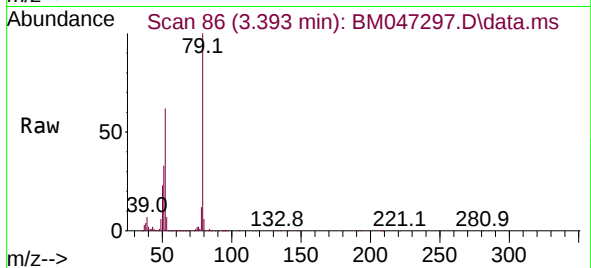
Tgt Ion: 88 Resp: 181662
Ion Ratio Lower Upper
88 100
58 69.4 58.2 87.4
43 26.2 22.5 33.7





#3
Pyridine
Concen: 42.071 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

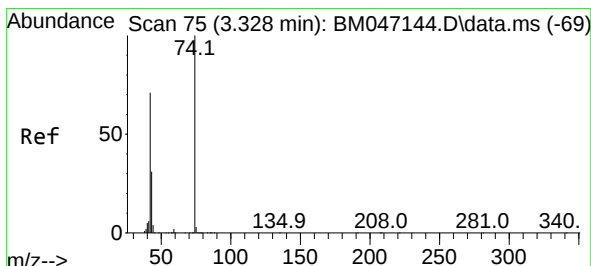
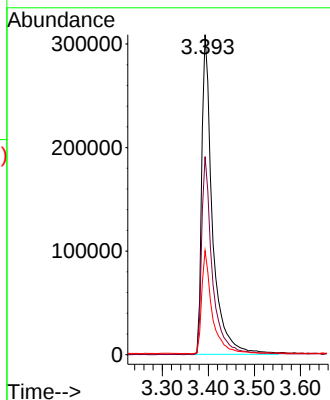
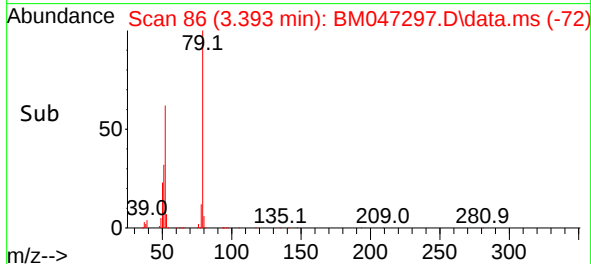
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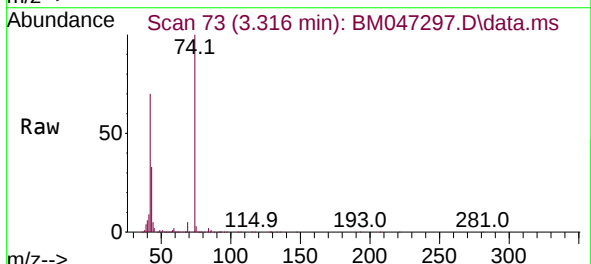
Tgt Ion: 79 Resp: 50411
Ion Ratio Lower Upper
79 100
52 61.9 51.2 76.8
51 32.5 26.1 39.1

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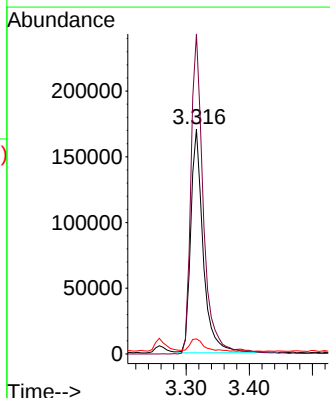
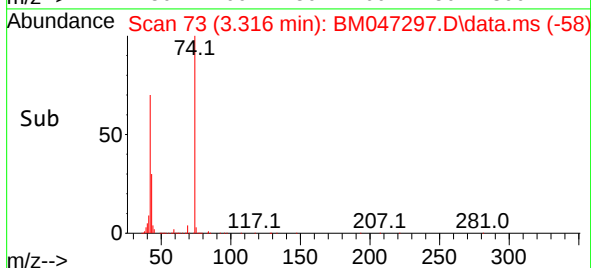
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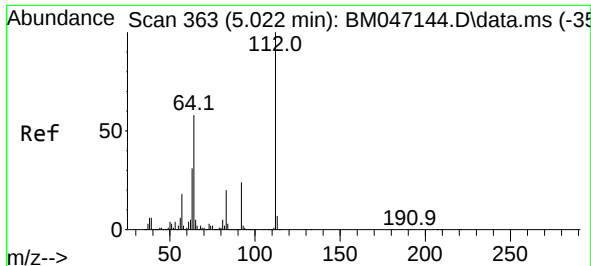


#4
n-Nitrosodimethylamine
Concen: 44.387 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



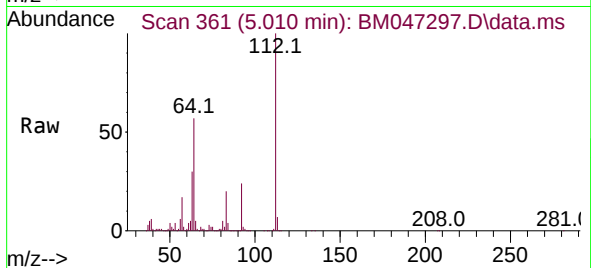
Tgt Ion: 42 Resp: 232370
Ion Ratio Lower Upper
42 100
74 142.2 112.9 169.3
44 6.7 5.3 7.9





#5
2-Fluorophenol
Concen: 113.119 ng
RT: 5.010 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

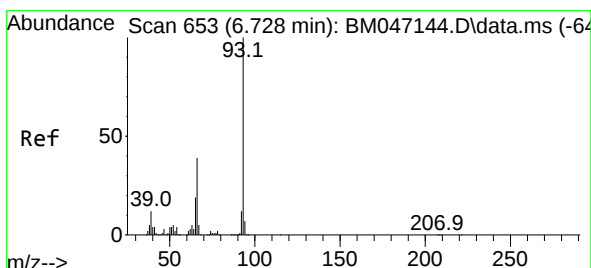
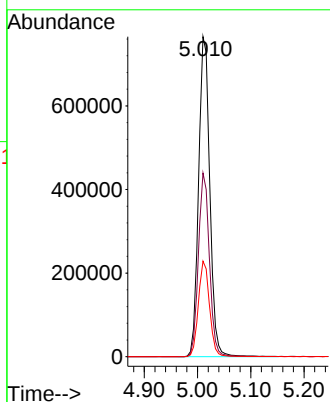
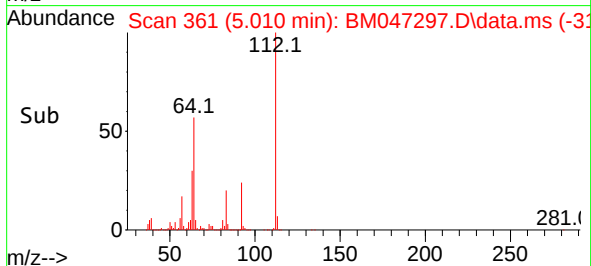
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Tgt Ion:112 Resp: 1115608
Ion Ratio Lower Upper
112 100
64 57.4 46.7 70.1
63 29.9 24.8 37.2

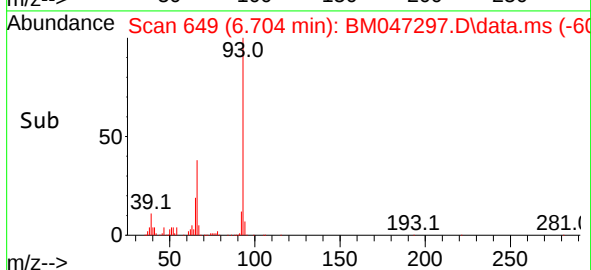
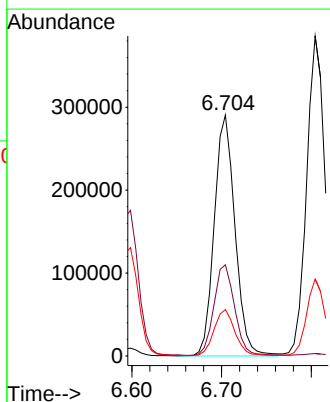
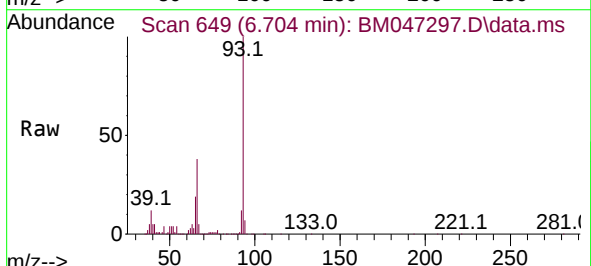
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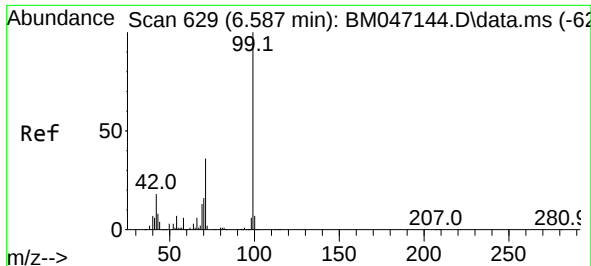
Reviewed By :Yogesh Patel 08/22/2024
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#6
Aniline
Concen: 36.332 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

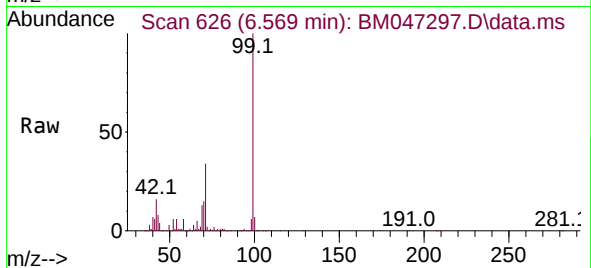
Tgt Ion: 93 Resp: 466658
Ion Ratio Lower Upper
93 100
66 37.9 31.4 47.2
65 19.2 15.6 23.4





#7
Phenol-d6
Concen: 108.176 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047297.D
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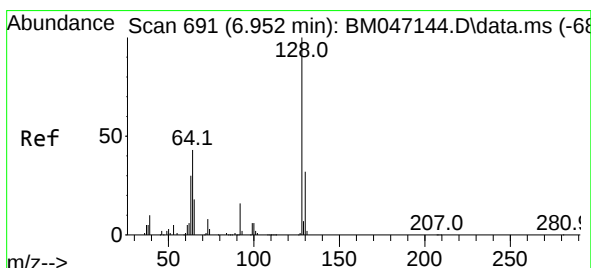
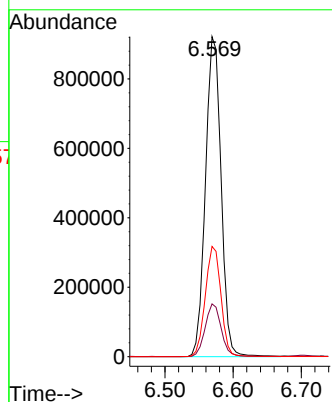
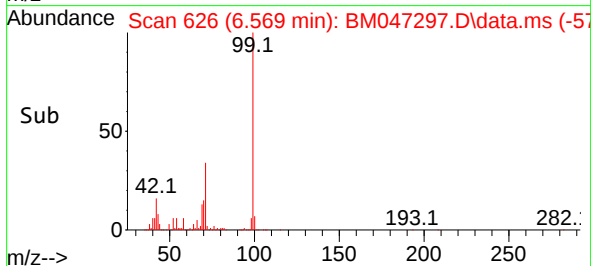
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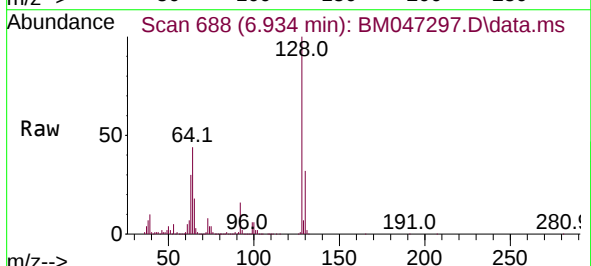
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Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 34.4 28.5 42.7

Manual Integrations
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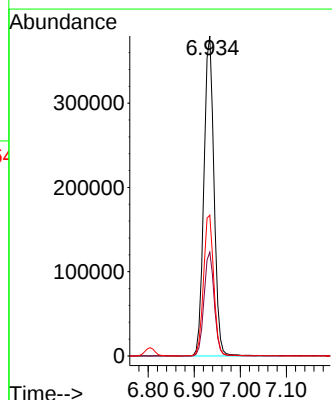
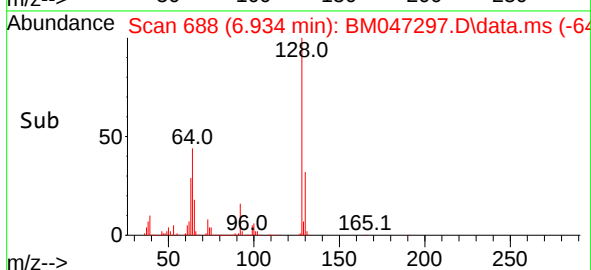
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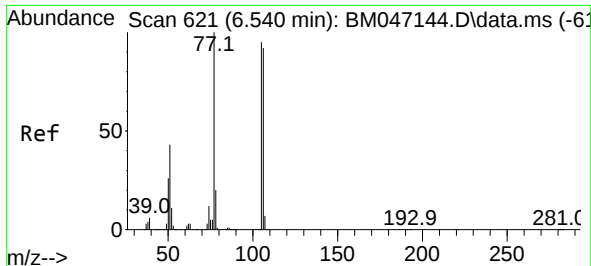


#8
2-Chlorophenol
Concen: 54.399 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



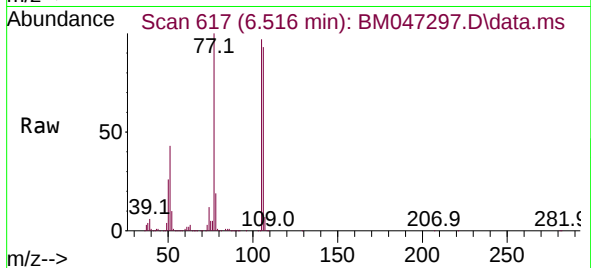
Tgt Ion:128 Resp: 585139
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 44.0 26.6 66.6





#9
Benzaldehyde
Concen: 49.634 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
Lab File: BM047297.D
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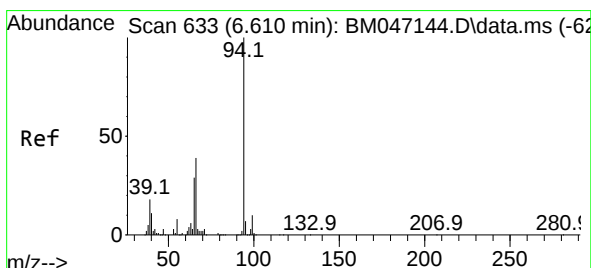
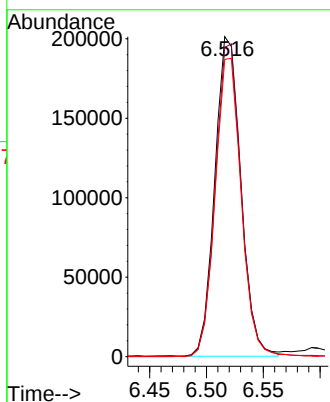
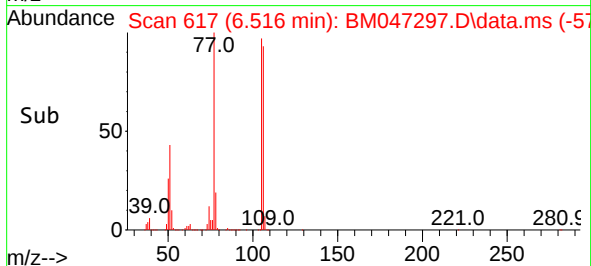
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ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion: 77 Resp: 319315
Ion Ratio Lower Upper
77 100
105 96.7 74.5 114.5
106 92.9 72.3 112.3

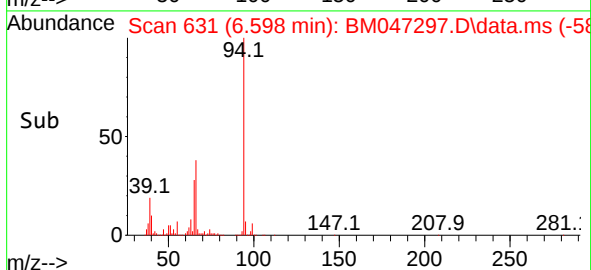
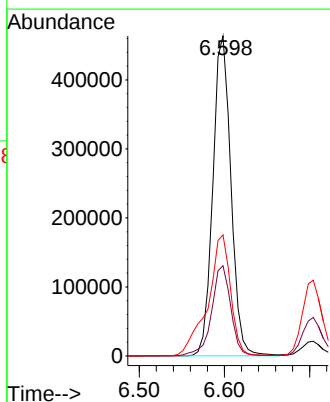
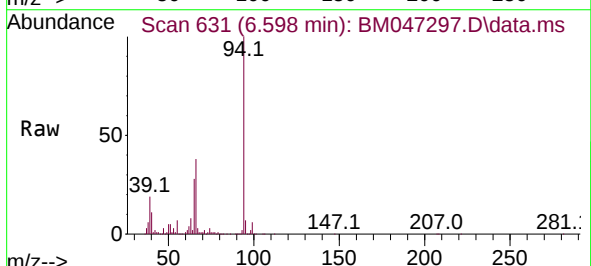
Manual Integrations
APPROVED

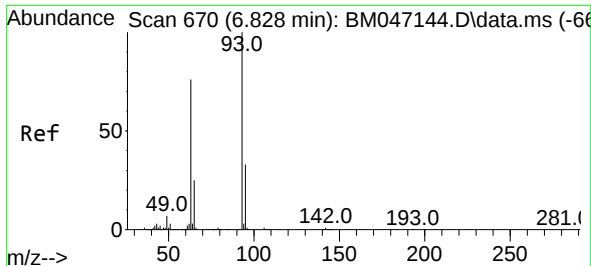
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#10
Phenol
Concen: 50.443 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

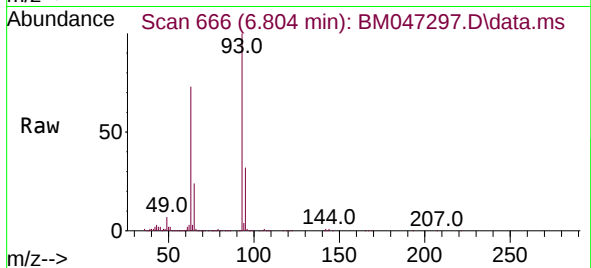
Tgt Ion: 94 Resp: 683992
Ion Ratio Lower Upper
94 100
65 28.2 9.0 49.0
66 37.9 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 47.608 ng
RT: 6.804 min Scan# 60
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

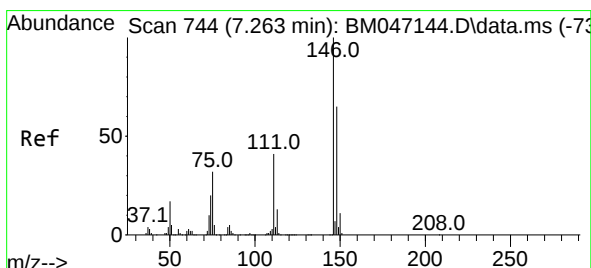
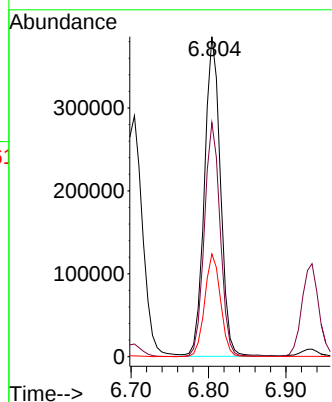
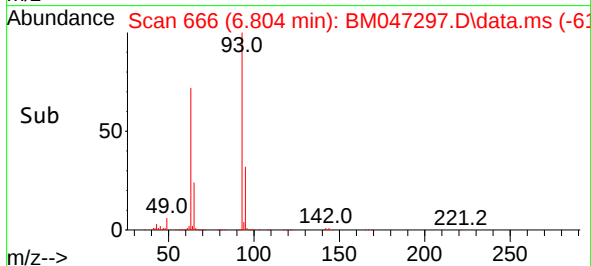
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion: 93 Resp: 552839
Ion Ratio Lower Upper
93 100
63 73.2 55.8 95.8
95 32.1 12.7 52.7

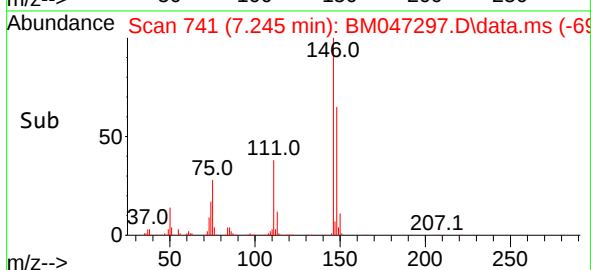
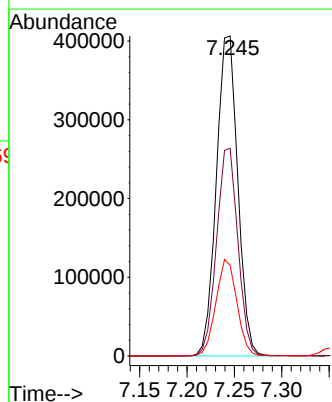
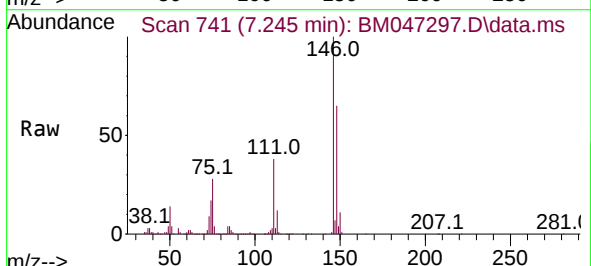
Manual Integrations
APPROVED

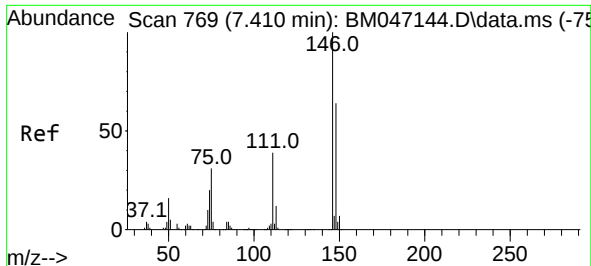
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 50.138 ng
RT: 7.245 min Scan# 741
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

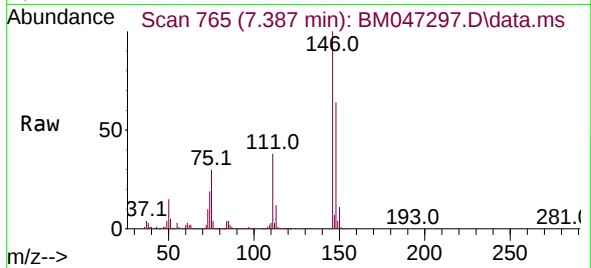
Tgt Ion:146 Resp: 640866
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
75 28.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 50.317 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

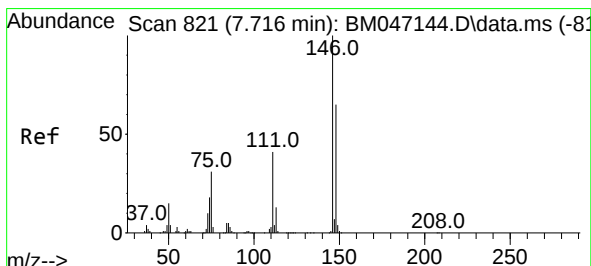
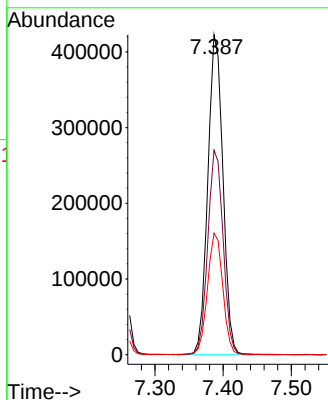
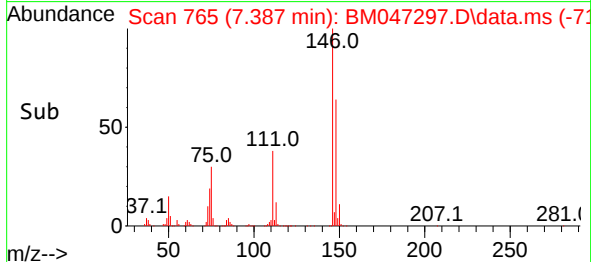
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:146 Resp: 65118
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 38.0 31.5 47.3

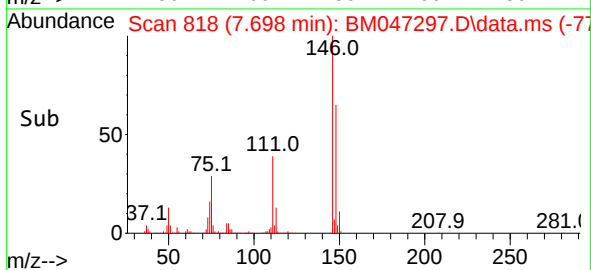
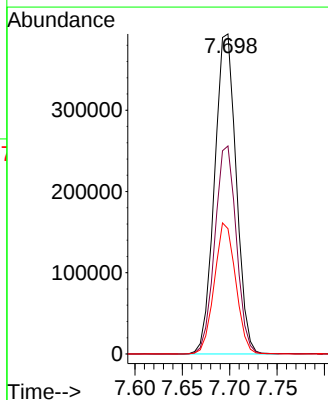
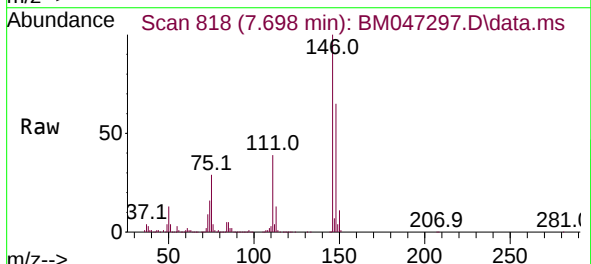
Manual Integrations
APPROVED

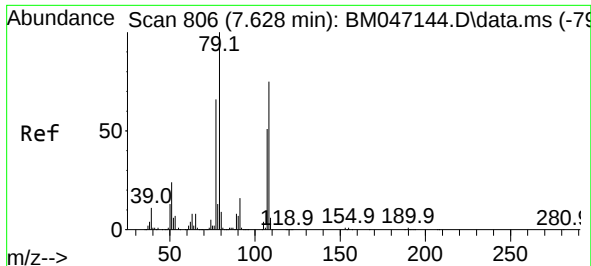
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#14
1,2-Dichlorobenzene
Concen: 51.488 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

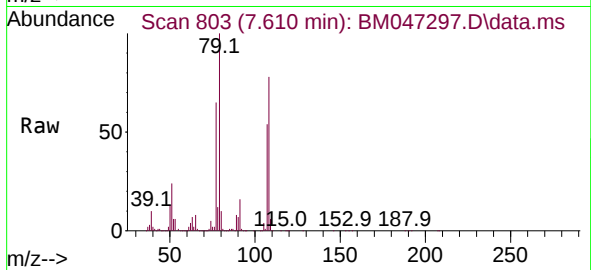
Tgt Ion:146 Resp: 628718
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
111 39.1 33.3 49.9





#15
Benzyl Alcohol
Concen: 53.181 ng m
RT: 7.610 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

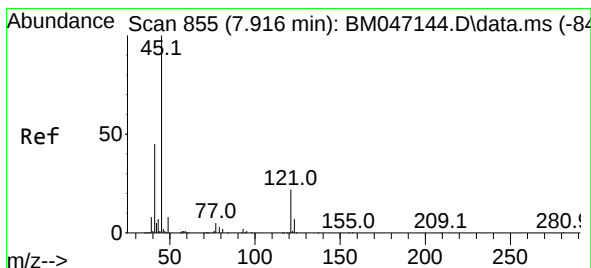
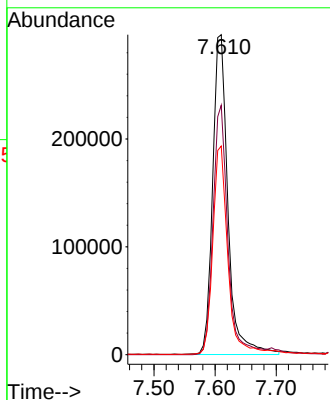
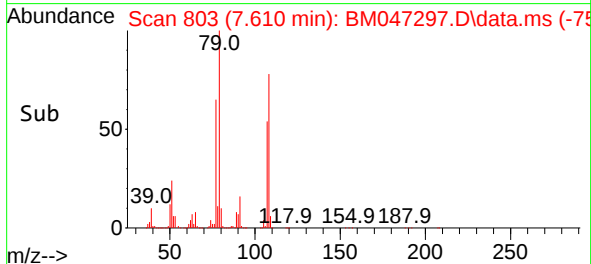
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



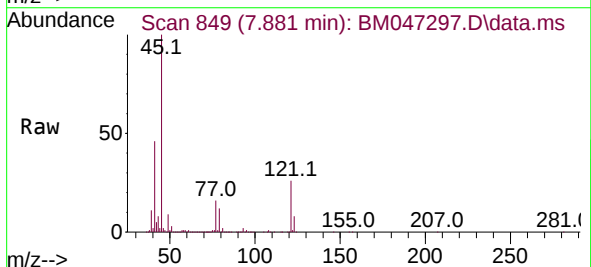
Tgt Ion: 79 Resp: 51434
Ion Ratio Lower Upper
79 100
108 78.0 59.7 89.5
77 65.2 52.9 79.3

Manual Integrations
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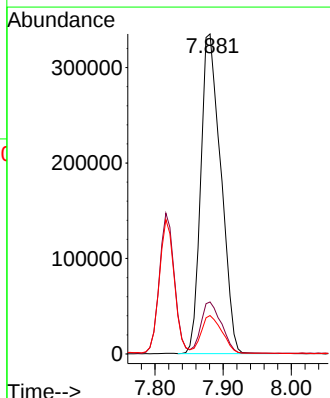
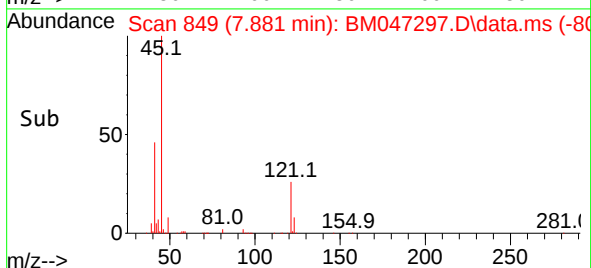
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

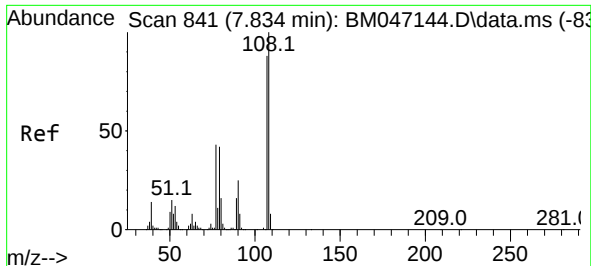


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.037 ng
RT: 7.881 min Scan# 849
Delta R.T. -0.036 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



Tgt Ion: 45 Resp: 685985
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.6
79 12.0 0.0 32.4





#17

2-Methylphenol

Concen: 51.612 ng

RT: 7.816 min Scan# 81

Delta R.T. -0.018 min

Lab File: BM047297.D

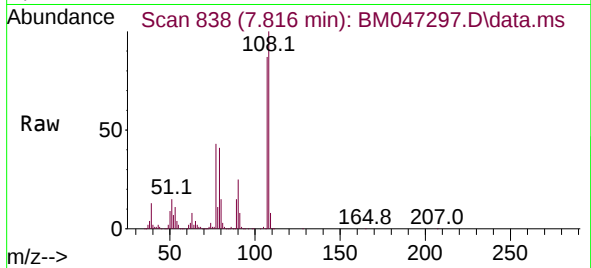
Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD



Tgt Ion:107 Resp: 46690

Ion Ratio Lower Upper

107 100

108 115.2 90.6 135.8

77 49.1 39.3 58.9

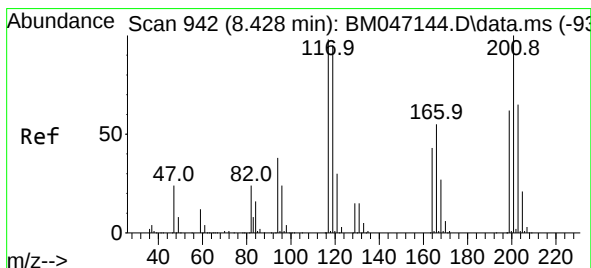
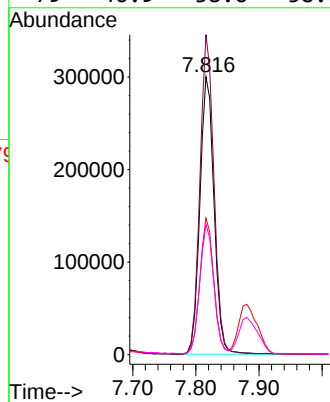
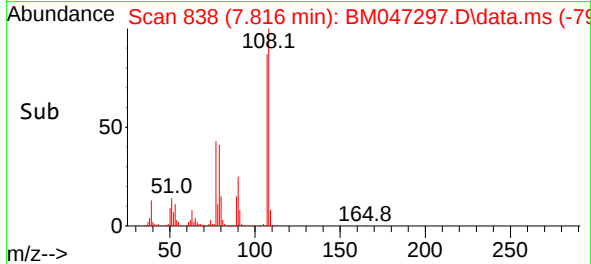
79 46.9 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#18

Hexachloroethane

Concen: 48.494 ng

RT: 8.404 min Scan# 938

Delta R.T. -0.024 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

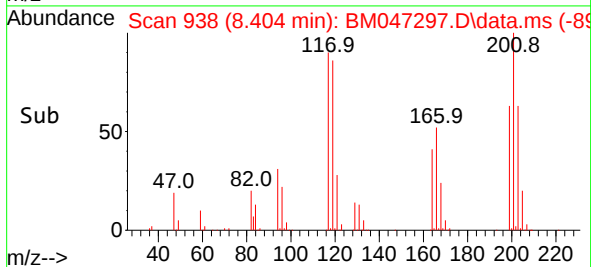
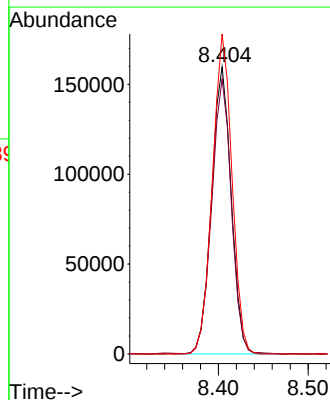
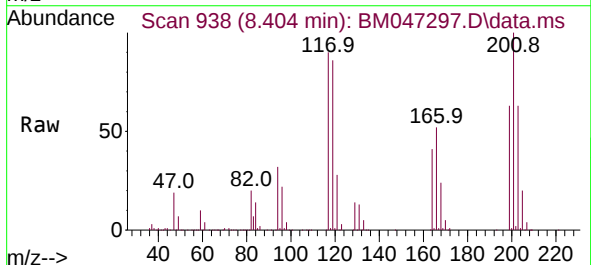
Tgt Ion:117 Resp: 243101

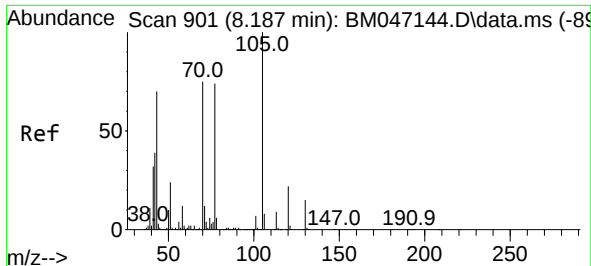
Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.4

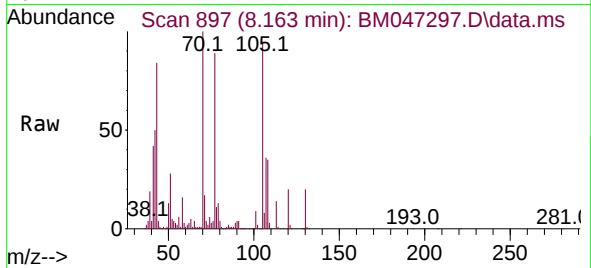
201 111.5 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 44.941 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

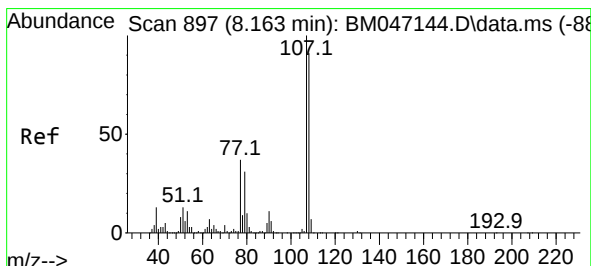
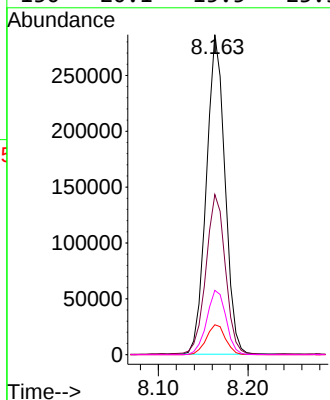
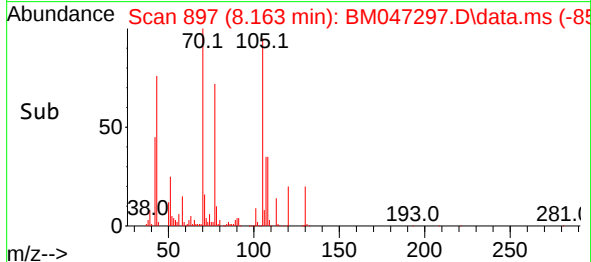
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion: 70 Resp: 41137
Ion Ratio Lower Upper
70 100
42 50.0 42.0 63.0
101 9.4 7.2 10.8
130 20.1 15.5 23.3

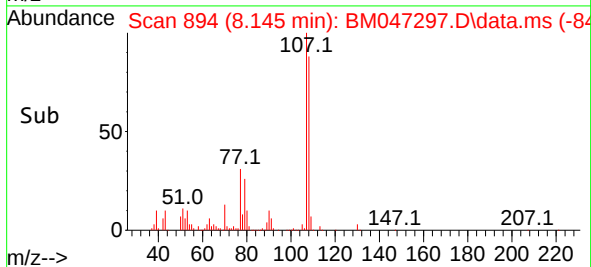
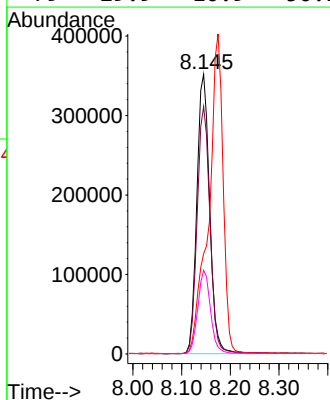
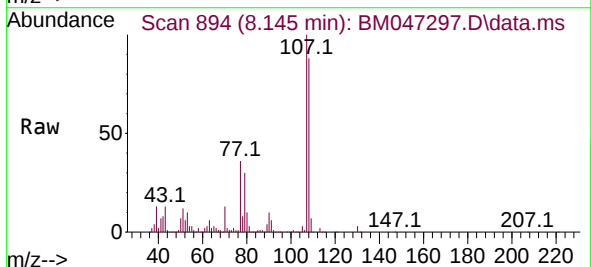
Manual Integrations
APPROVED

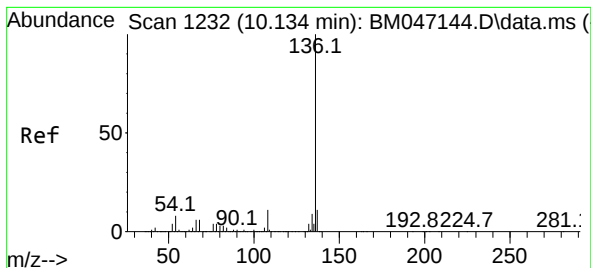
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#20
3+4-Methylphenols
Concen: 50.965 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

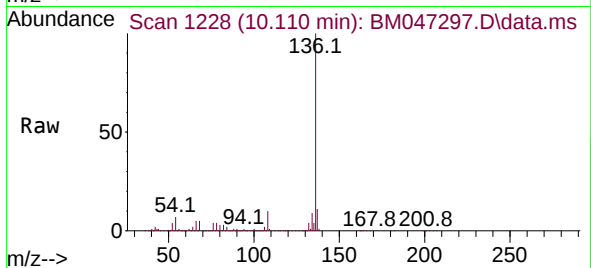
Tgt Ion:107 Resp: 644554
Ion Ratio Lower Upper
107 100
108 88.4 70.7 110.7
77 35.9 17.4 57.4
79 29.9 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

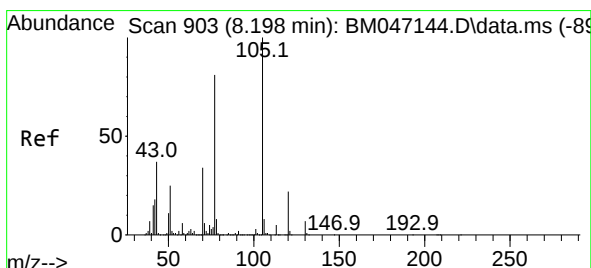
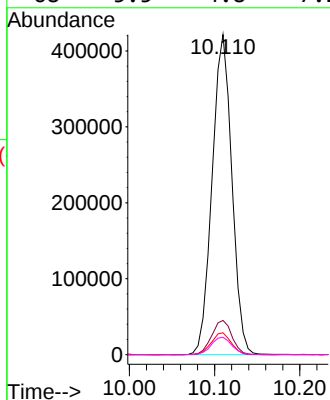
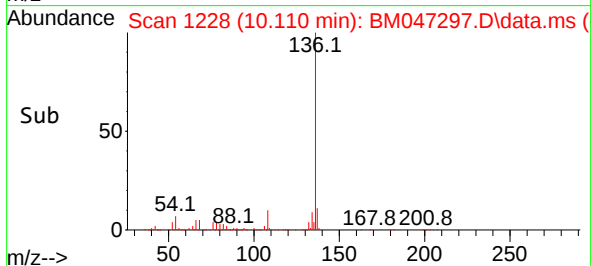
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:136 Resp: 677969
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 6.0 9.0
68 5.5 4.8 7.2

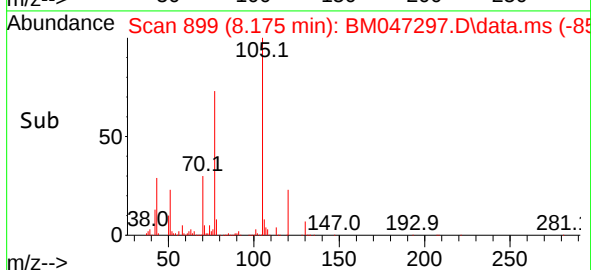
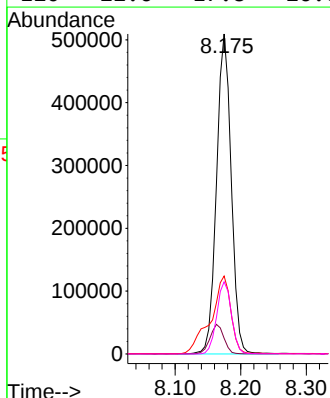
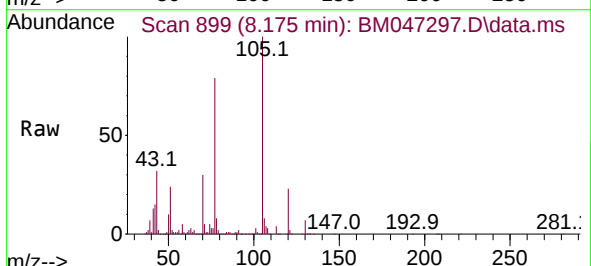
Manual Integrations
APPROVED

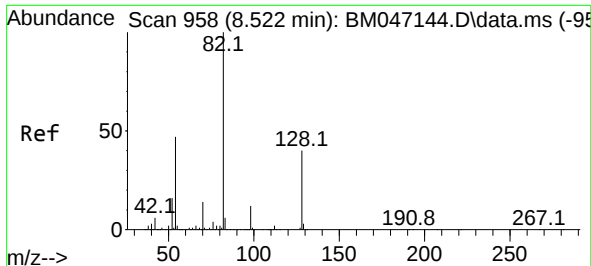
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 48.236 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

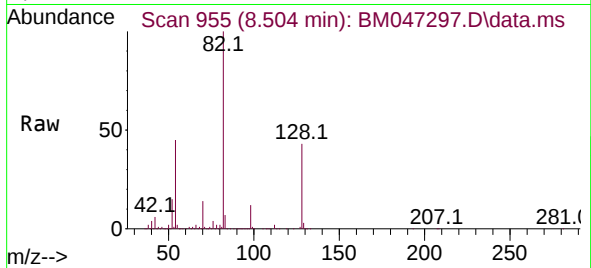
Tgt Ion:105 Resp: 789390
Ion Ratio Lower Upper
105 100
71 4.9 4.5 6.7
51 24.3 20.1 30.1
120 22.6 17.8 26.6





#23
Nitrobenzene-d5
Concen: 73.262 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

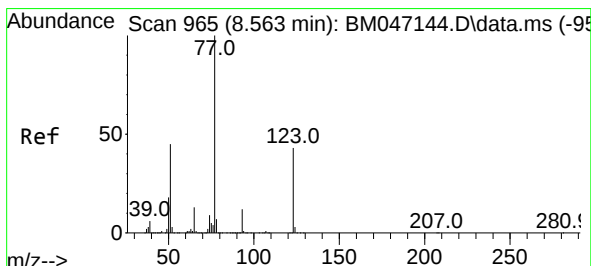
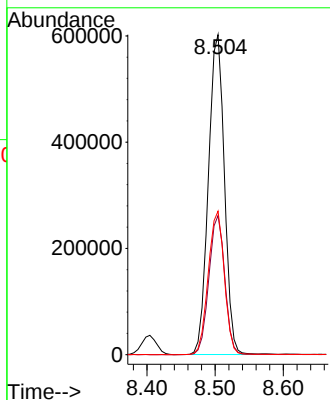
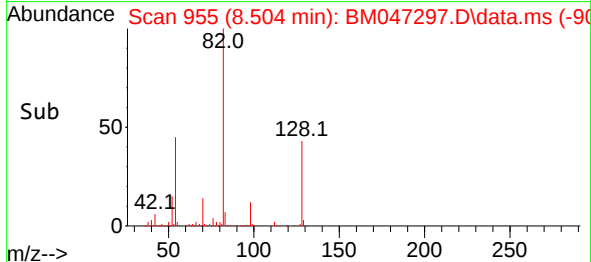
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



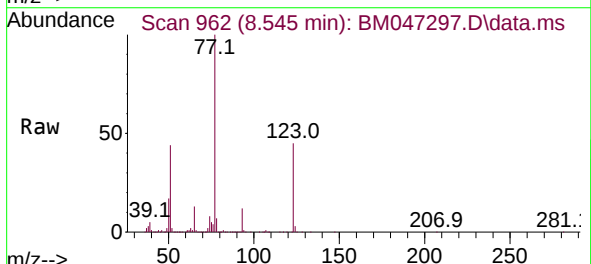
Tgt Ion: 82 Resp: 986414
Ion Ratio Lower Upper
82 100
128 43.5 32.3 48.5
54 44.8 37.4 56.2

Manual Integrations
APPROVED

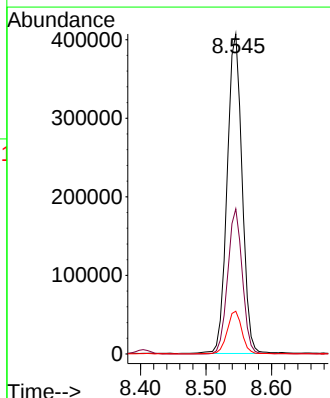
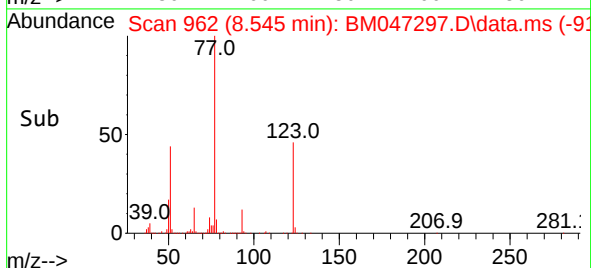
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

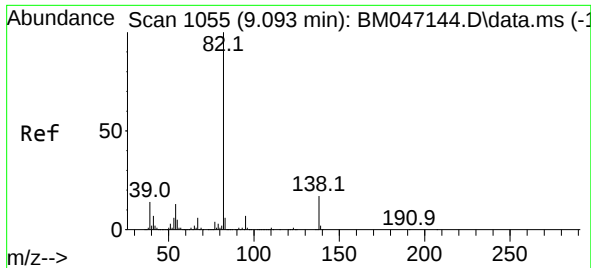


#24
Nitrobenzene
Concen: 47.437 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



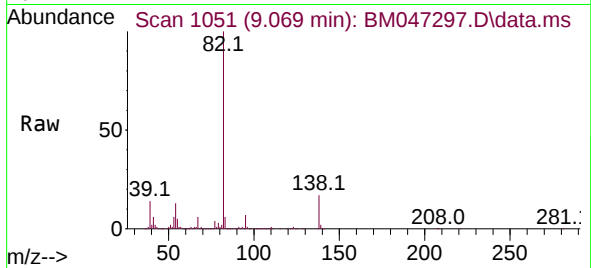
Tgt Ion: 77 Resp: 643135
Ion Ratio Lower Upper
77 100
123 45.4 34.0 51.0
65 13.3 10.5 15.7





#25
Isophorone
Concen: 50.281 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

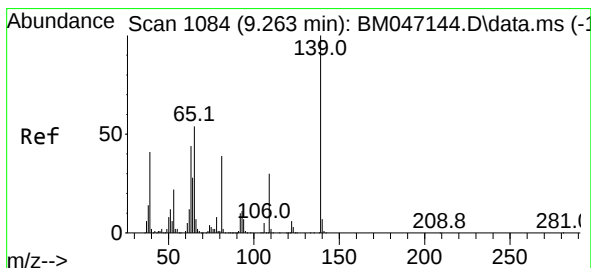
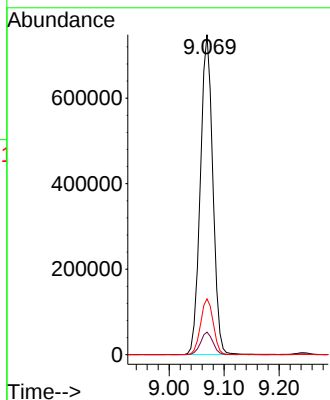
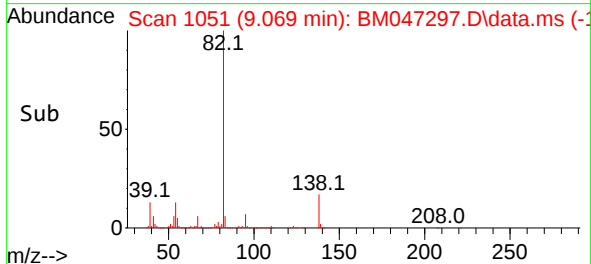
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion: 82 Resp: 117876
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.4 13.5 20.3

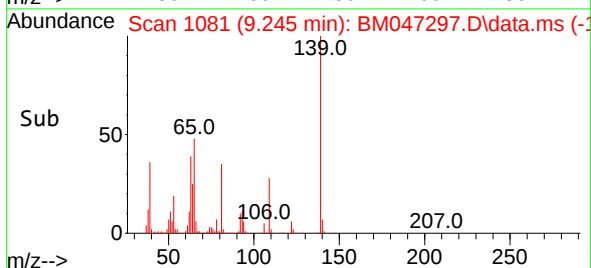
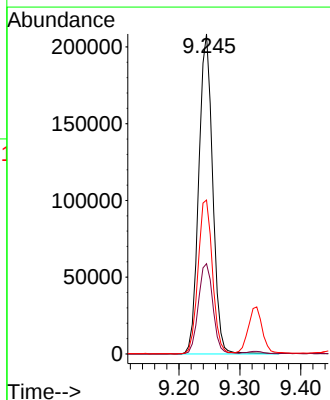
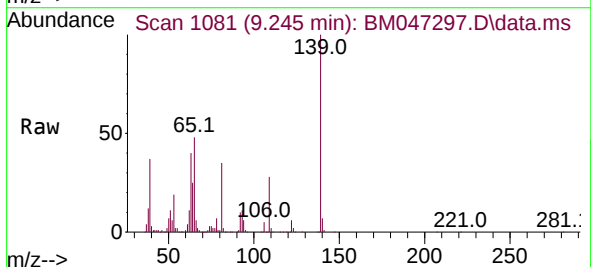
Manual Integrations
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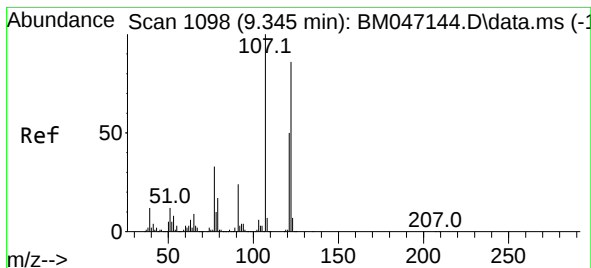
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 54.933 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

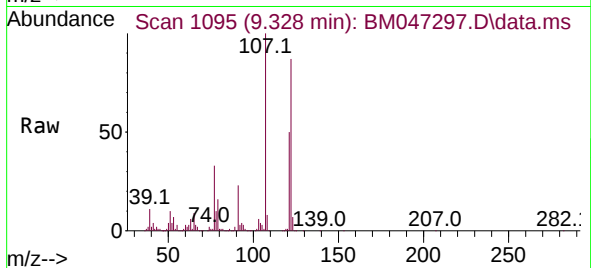
Tgt Ion:139 Resp: 329834
Ion Ratio Lower Upper
139 100
109 28.2 24.4 36.6
65 48.1 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 66.178 ng
RT: 9.328 min Scan# 1095
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

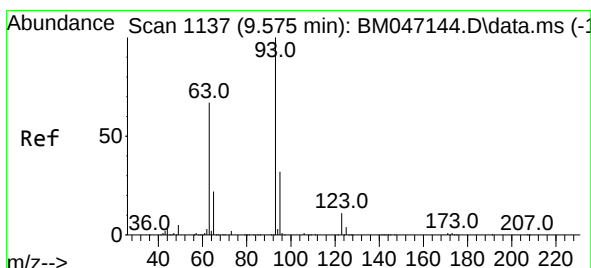
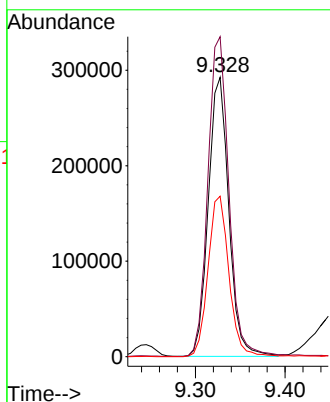
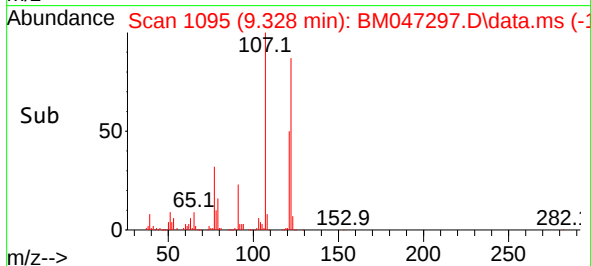
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:122 Resp: 465440
Ion Ratio Lower Upper
122 100
107 114.5 92.8 139.2
121 57.4 46.1 69.1

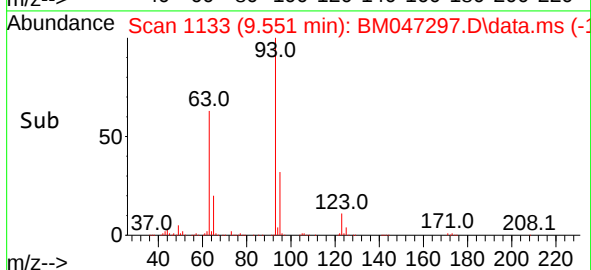
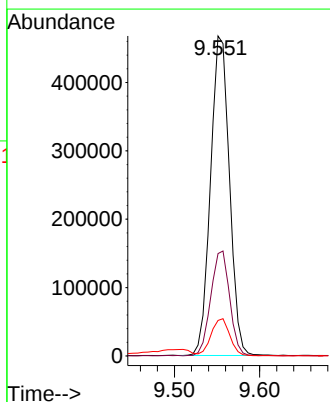
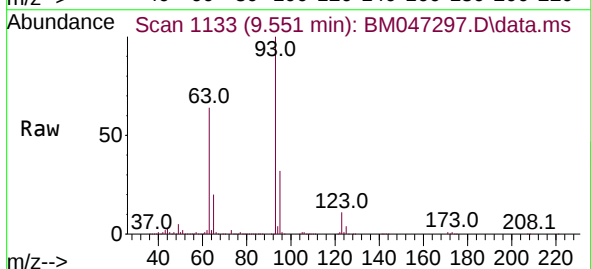
Manual Integrations
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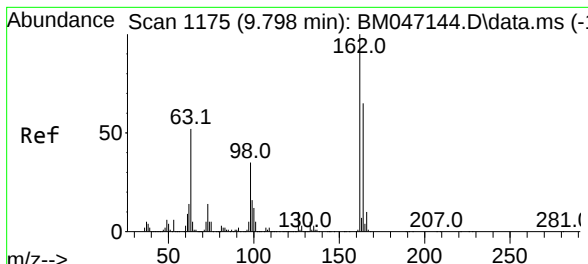
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.865 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

Tgt Ion: 93 Resp: 720810
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 11.1 9.0 13.4





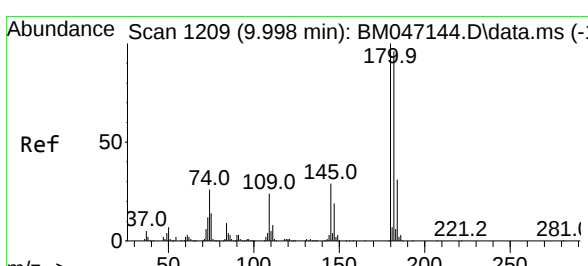
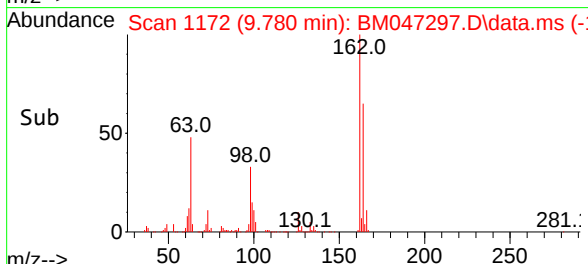
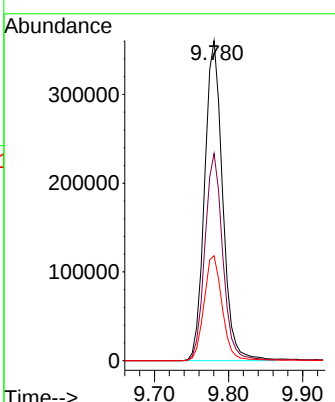
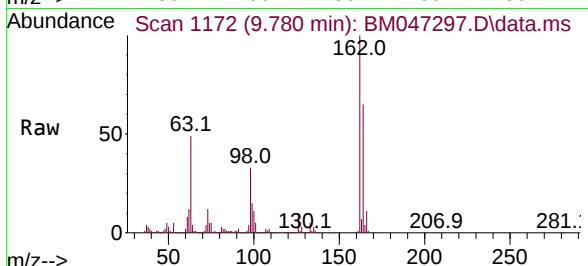
#29
 2,4-Dichlorophenol
 Concen: 58.300 ng
 RT: 9.780 min Scan# 1172
 Delta R.T. -0.018 min
 Lab File: BM047297.D
 Acq: 21 Aug 2024 14:27

Instrument : BNA_M
 ClientSampleId : VCPS-B4-081424-10-16MSD

Tgt Ion:162 Resp: 60841

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	32.8	14.9	54.9

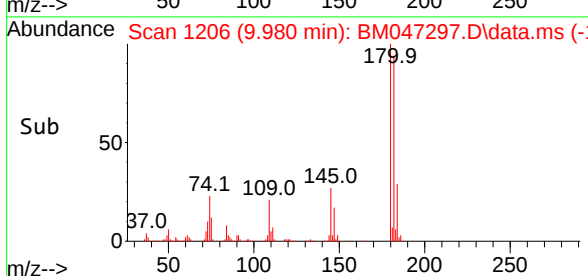
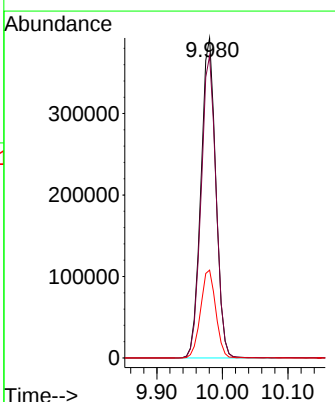
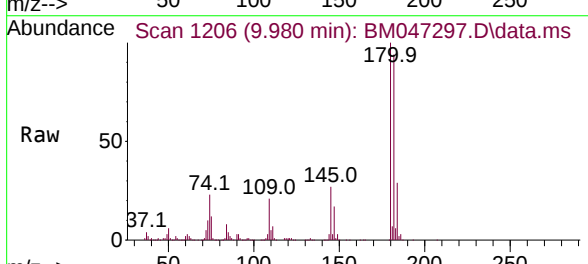
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

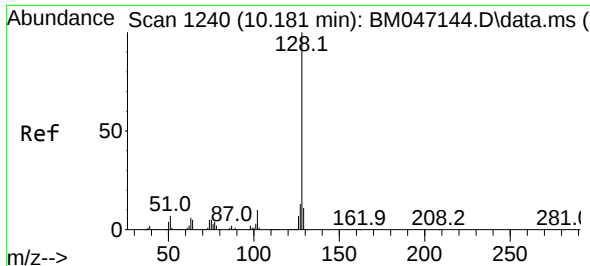


#30
 1,2,4-Trichlorobenzene
 Concen: 52.522 ng
 RT: 9.980 min Scan# 1206
 Delta R.T. -0.018 min
 Lab File: BM047297.D
 Acq: 21 Aug 2024 14:27

Tgt Ion:180 Resp: 620280

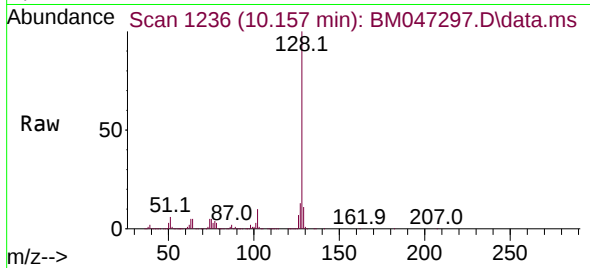
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	115.0
145	27.5	23.4	35.2





#31
Naphthalene
Concen: 50.082 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

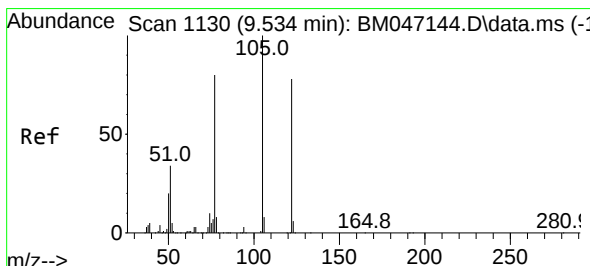
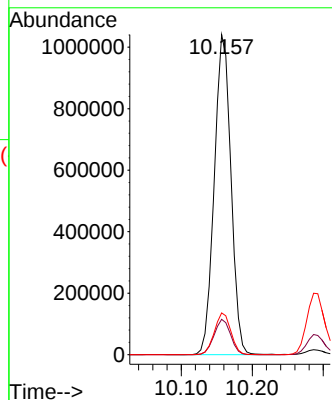
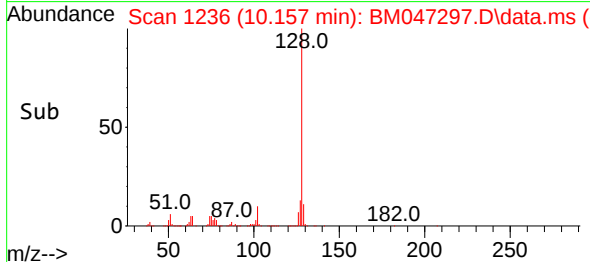
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



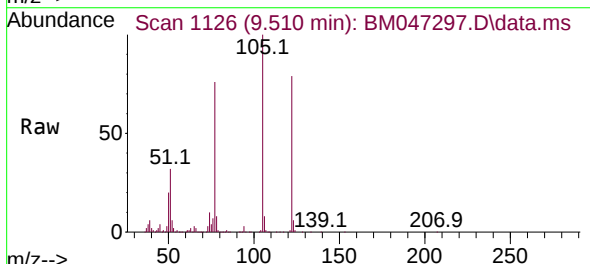
Tgt Ion:128 Resp: 169147
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.2 15.4

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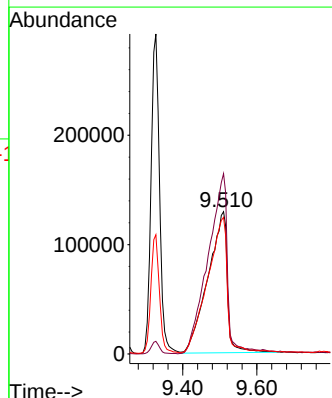
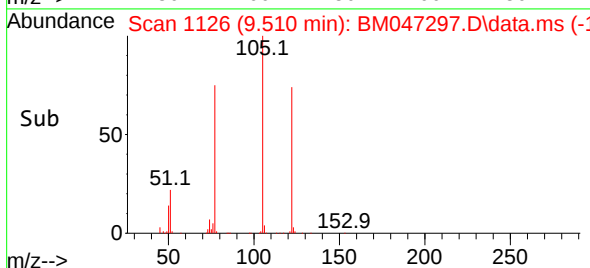
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

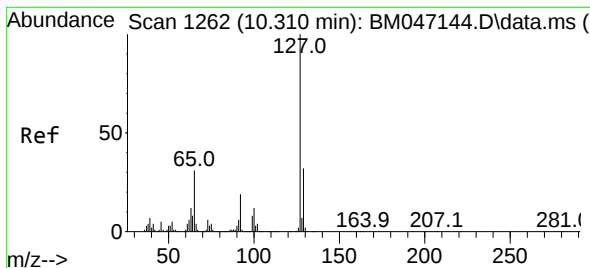


#32
Benzoic acid
Concen: 57.732 ng
RT: 9.510 min Scan# 1126
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



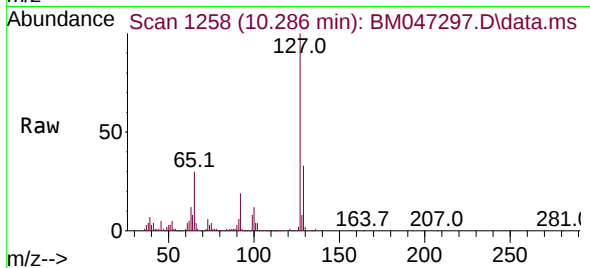
Tgt Ion:122 Resp: 471753
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 96.1 82.1 122.1





#33
4-Chloroaniline
Concen: 28.701 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

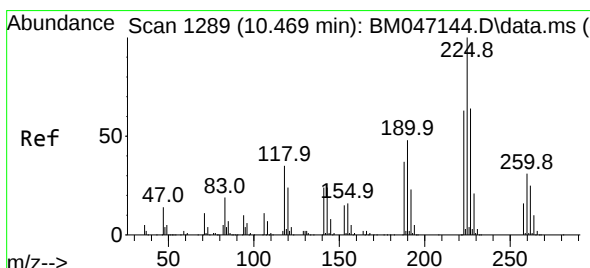
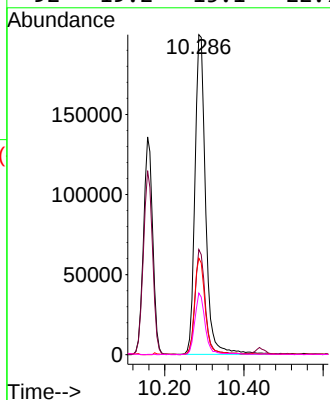
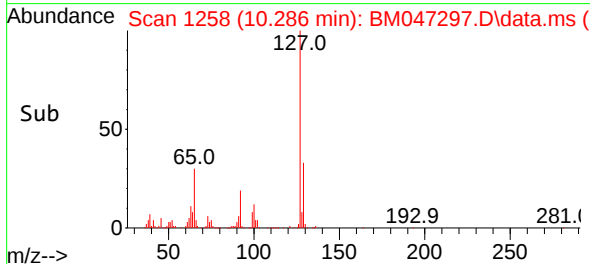
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:127 Resp: 372760
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 30.1 24.9 37.3
92 19.2 15.1 22.7

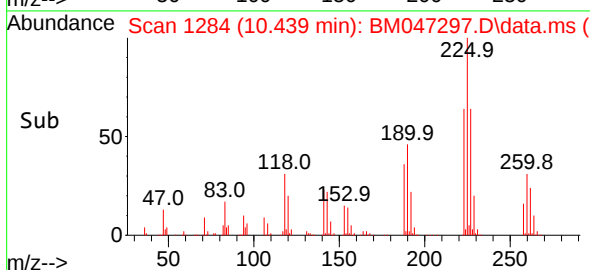
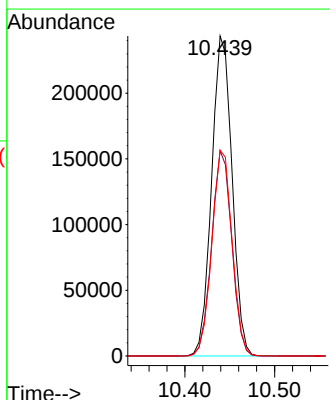
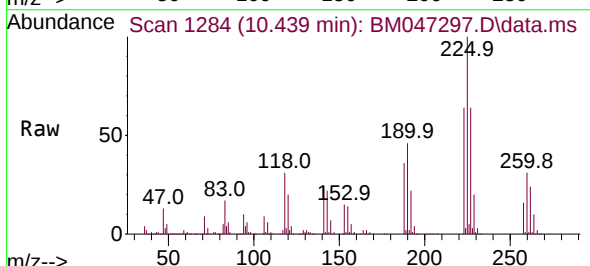
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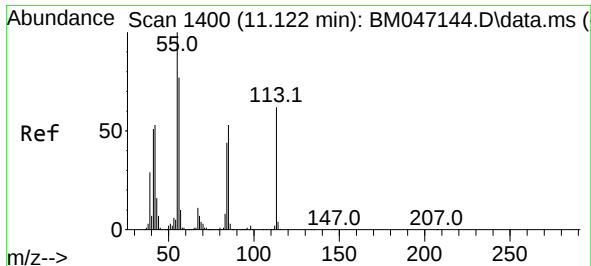
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 55.669 ng
RT: 10.439 min Scan# 1284
Delta R.T. -0.030 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

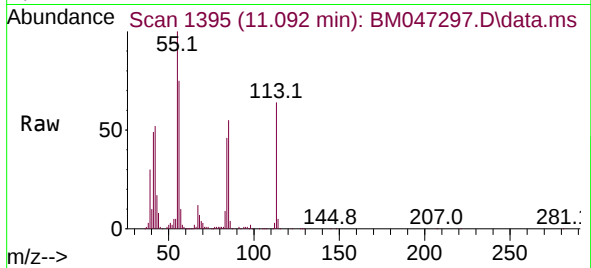
Tgt Ion:225 Resp: 384810
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.2
227 64.2 51.4 77.0





#35
Caprolactam
Concen: 58.339 ng
RT: 11.092 min Scan# 111429
Delta R.T. -0.030 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

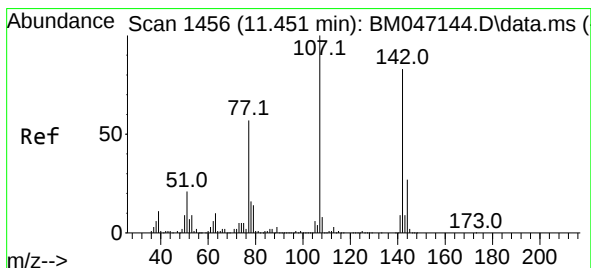
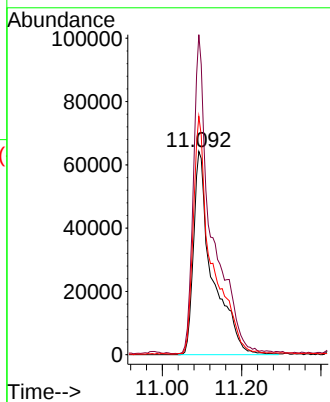
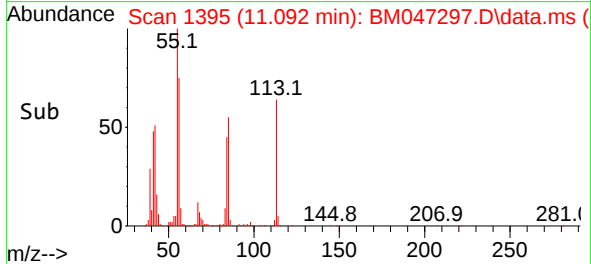
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:113 Resp: 211429
Ion Ratio Lower Upper
113 100
55 157.5 140.5 180.5
56 117.3 103.6 143.6

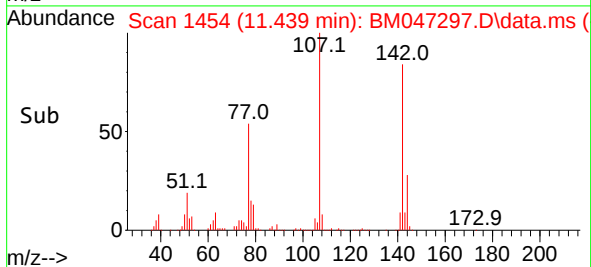
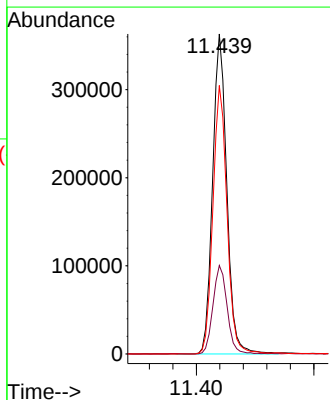
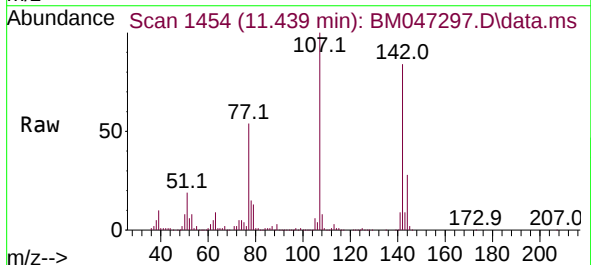
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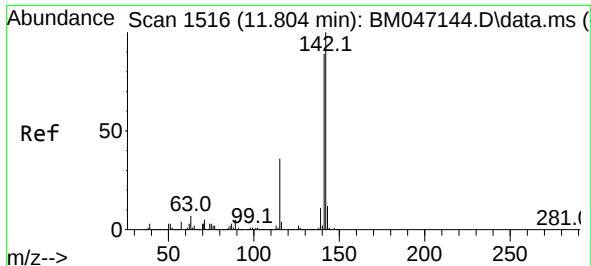
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 54.587 ng
RT: 11.439 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

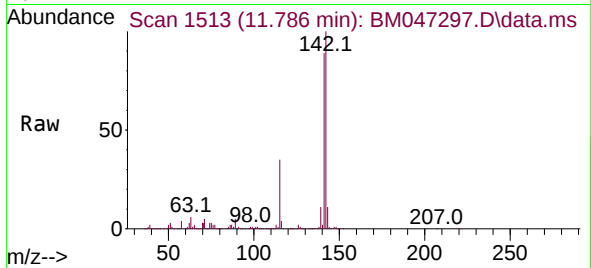
Tgt Ion:107 Resp: 606688
Ion Ratio Lower Upper
107 100
144 27.6 21.8 32.6
142 83.9 66.8 100.2





#37
2-Methylnaphthalene
Concen: 51.823 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

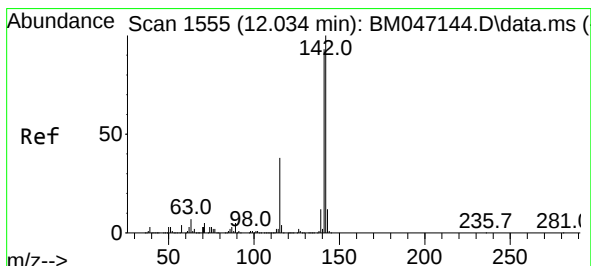
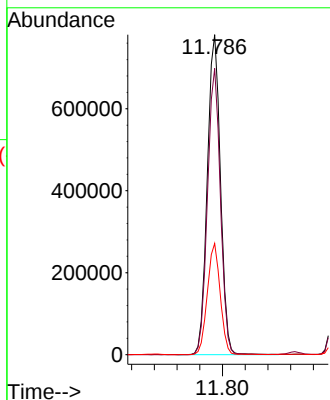
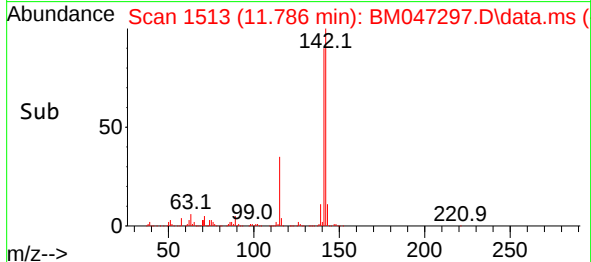
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



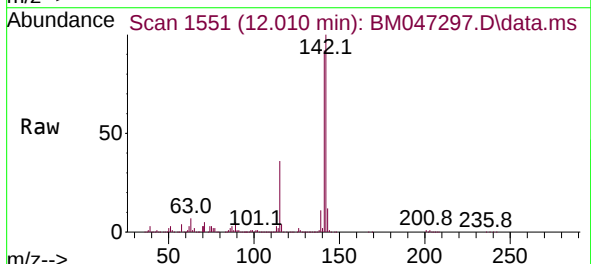
Tgt Ion:142 Resp: 124619
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3
115 34.7 28.7 43.1

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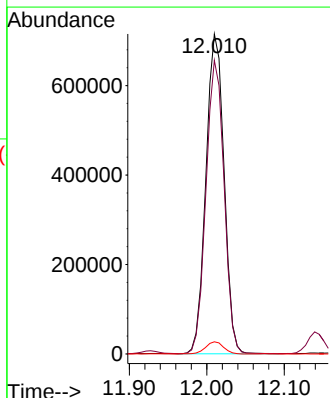
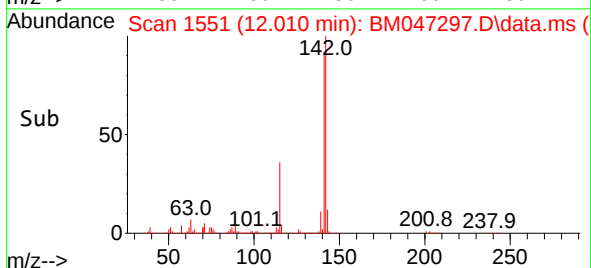
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

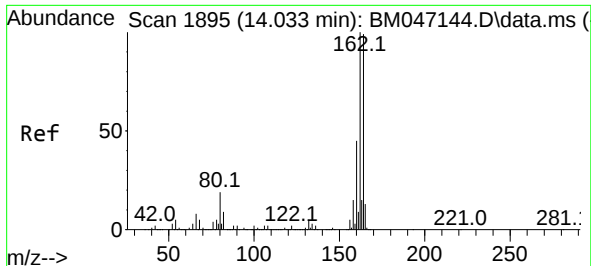


#38
1-Methylnaphthalene
Concen: 48.952 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



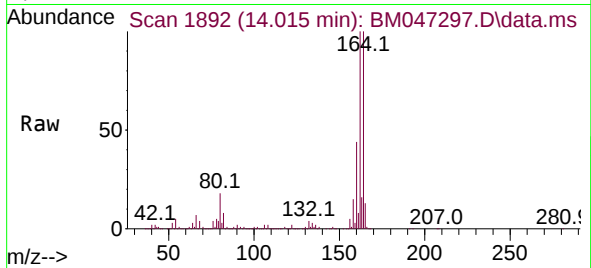
Tgt Ion:142 Resp: 1163399
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.015 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

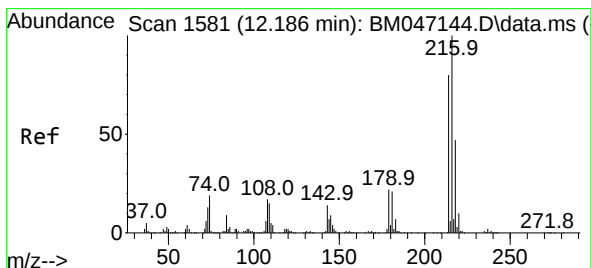
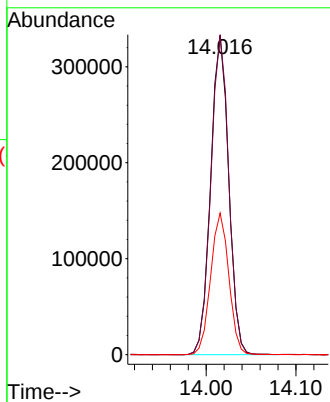
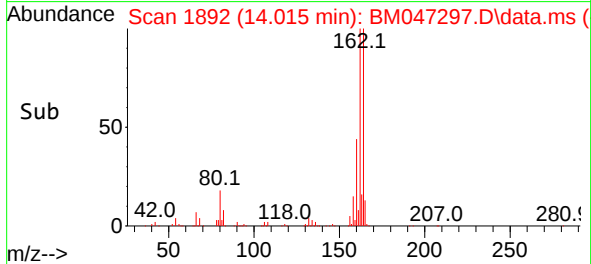
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:164 Resp: 46462
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 44.4 36.0 54.0

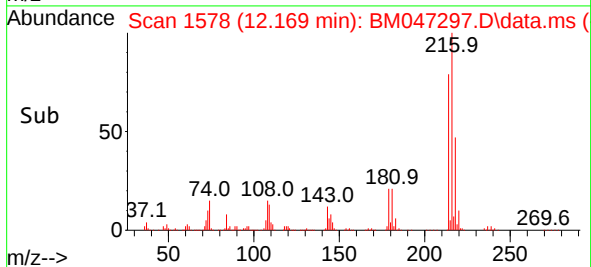
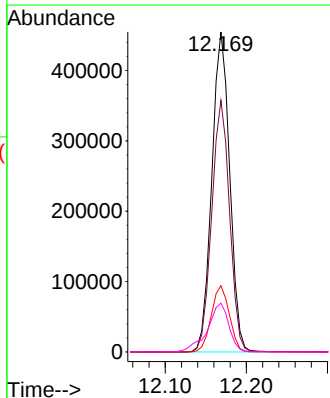
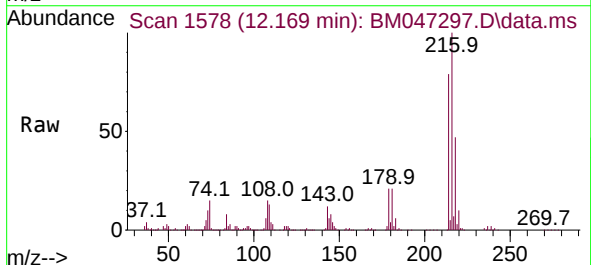
Manual Integrations
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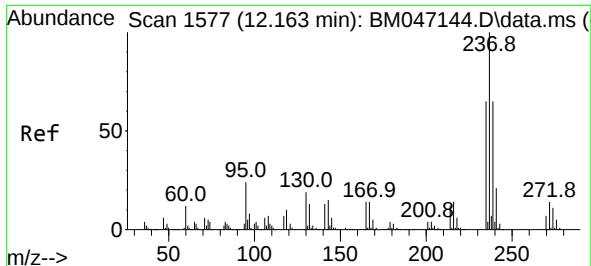
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.902 ng
RT: 12.169 min Scan# 1578
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

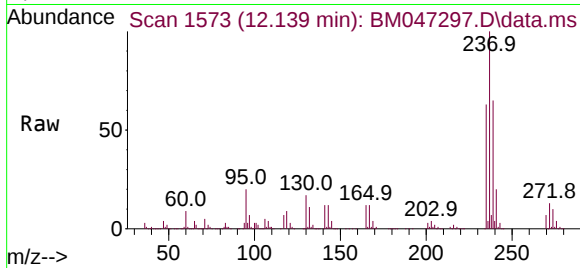
Tgt Ion:216 Resp: 695770
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.2
179 20.9 17.6 26.4
108 18.2 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 145.785 ng
RT: 12.139 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

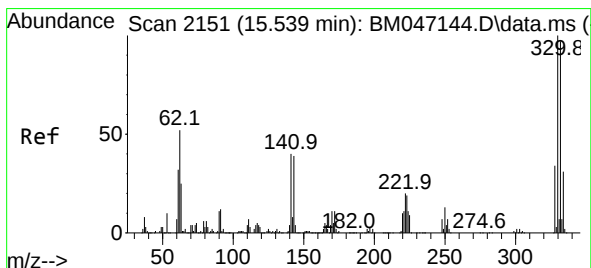
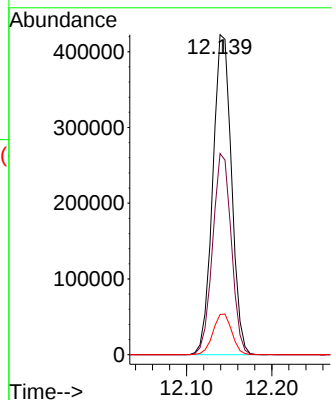
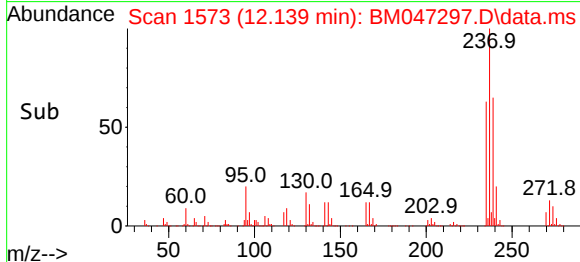
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



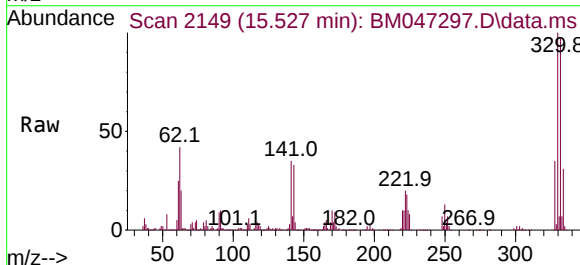
Tgt Ion:237 Resp: 645132
Ion Ratio Lower Upper
237 100
235 62.8 44.8 84.8
272 12.6 0.0 33.5

Manual Integrations
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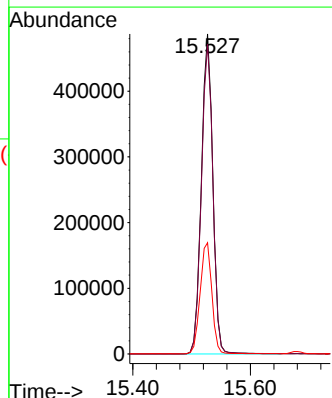
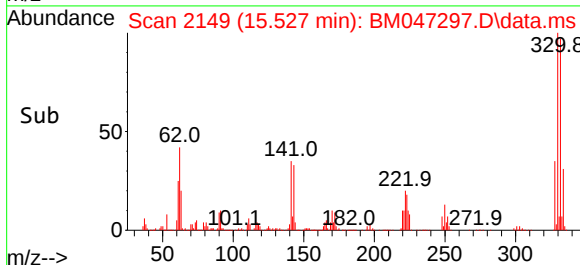
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

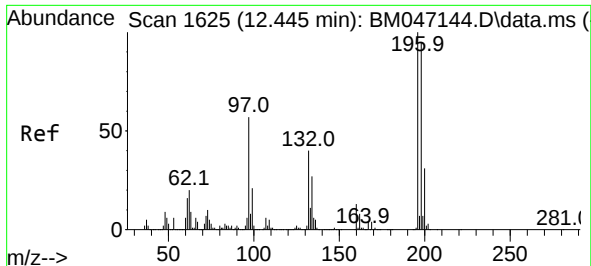


#42
2,4,6-Tribromophenol
Concen: 122.213 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



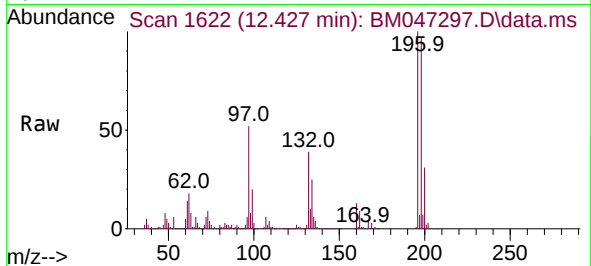
Tgt Ion:330 Resp: 658414
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 35.6 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 57.651 ng
RT: 12.427 min Scan# 1622
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

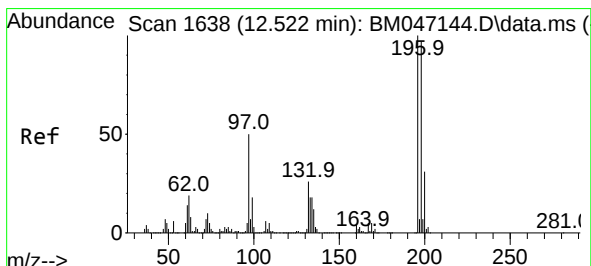
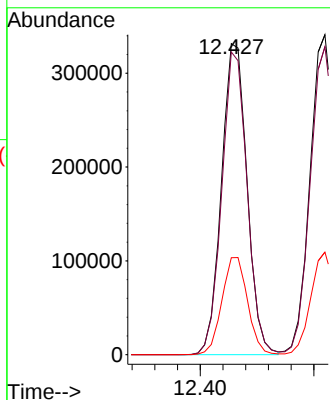
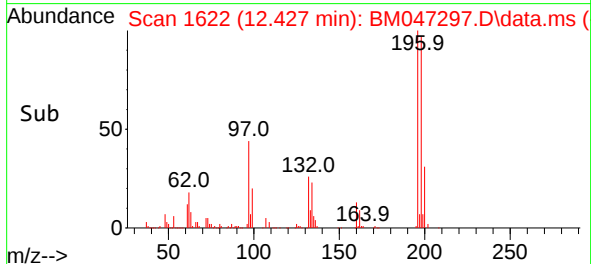
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



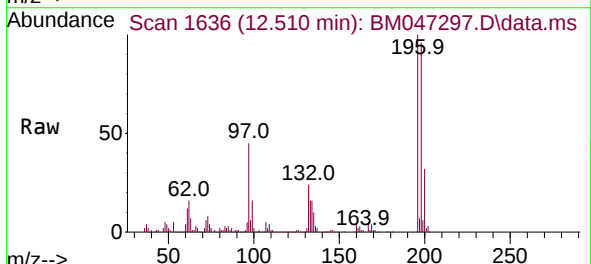
Tgt Ion:196 Resp: 519290
Ion Ratio Lower Upper
196 100
198 97.3 75.6 113.4
200 31.2 24.6 37.0

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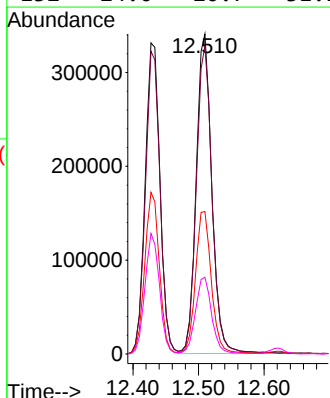
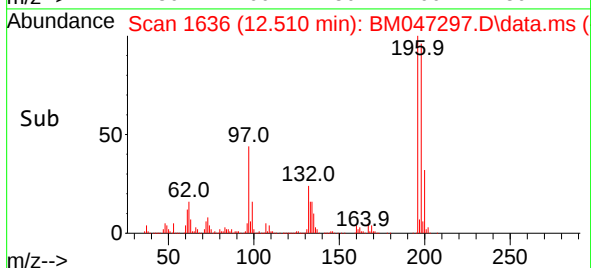
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

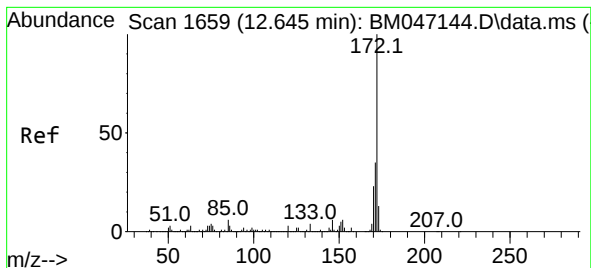


#44
2,4,5-Trichlorophenol
Concen: 56.765 ng
RT: 12.510 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



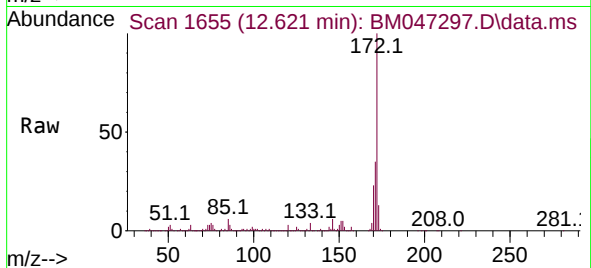
Tgt Ion:196 Resp: 567706
Ion Ratio Lower Upper
196 100
198 96.2 77.7 116.5
97 44.5 39.8 59.8
132 24.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 71.105 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

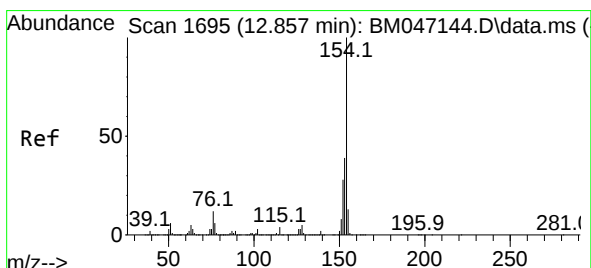
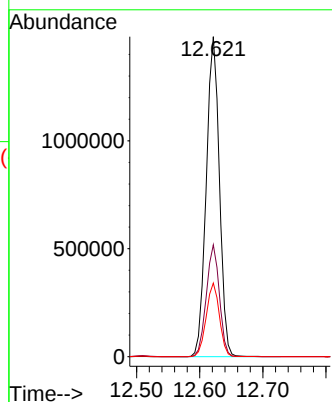
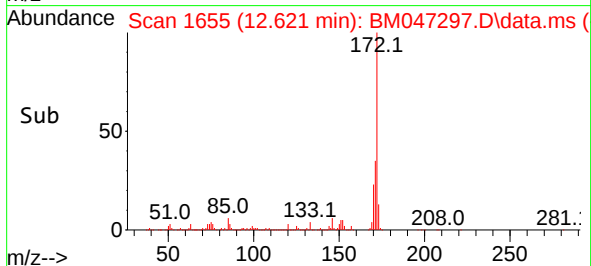
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



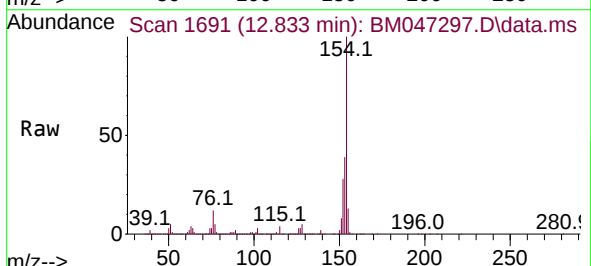
Tgt Ion:172 Resp: 214176
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.7 28.1

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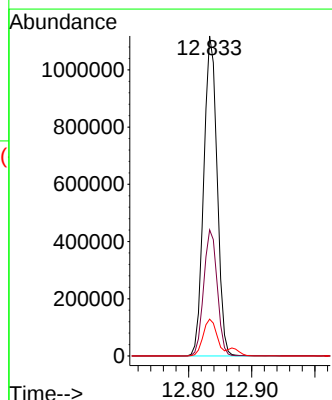
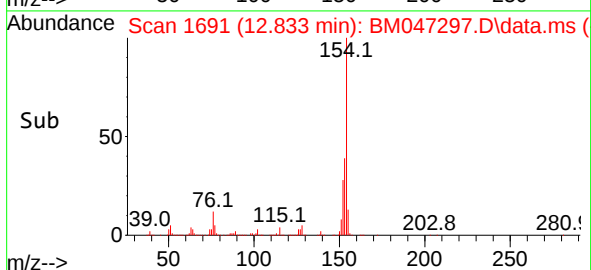
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

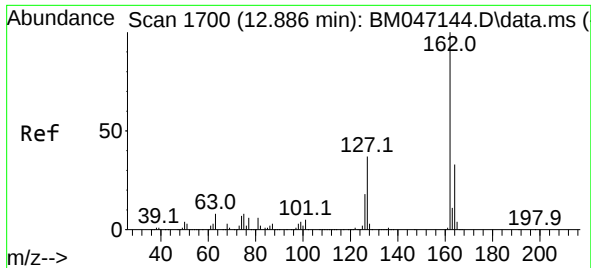


#46
1,1'-Biphenyl
Concen: 49.947 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



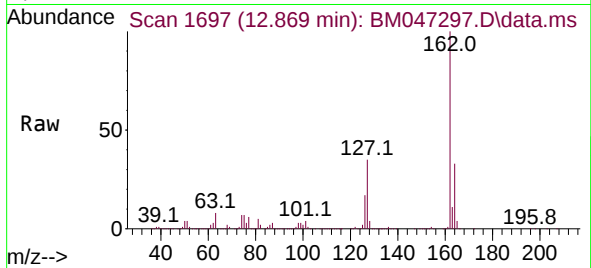
Tgt Ion:154 Resp: 1652122
Ion Ratio Lower Upper
154 100
153 39.4 19.0 59.0
76 11.5 0.0 31.9





#47
2-Chloronaphthalene
Concen: 49.957 ng
RT: 12.869 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

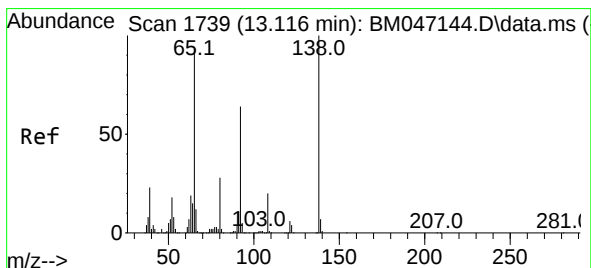
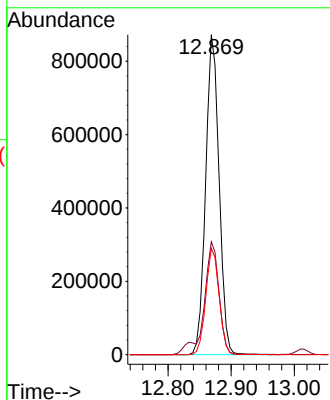
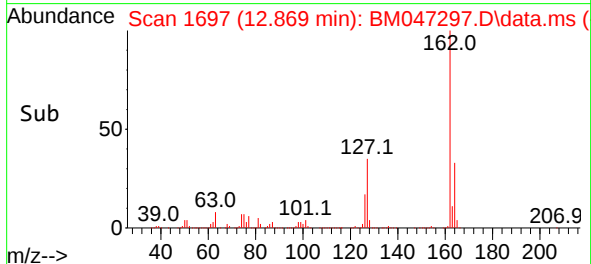
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



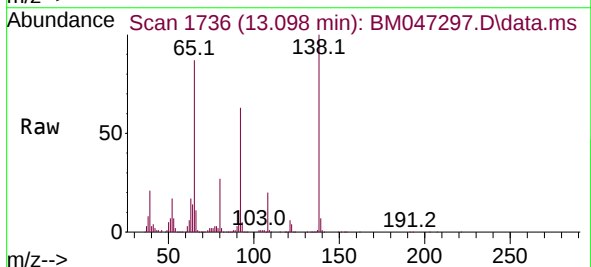
Tgt Ion:162 Resp: 129155
Ion Ratio Lower Upper
162 100
127 35.3 30.0 45.0
164 33.2 26.3 39.5

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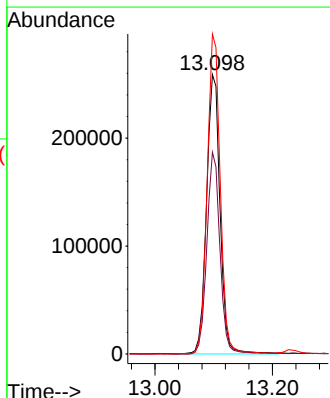
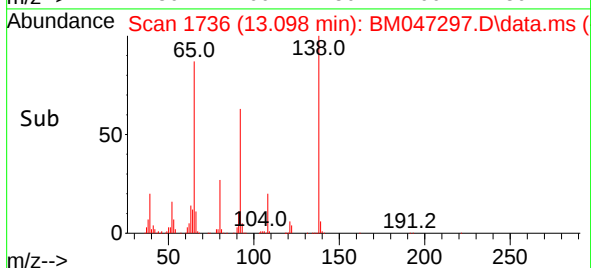
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

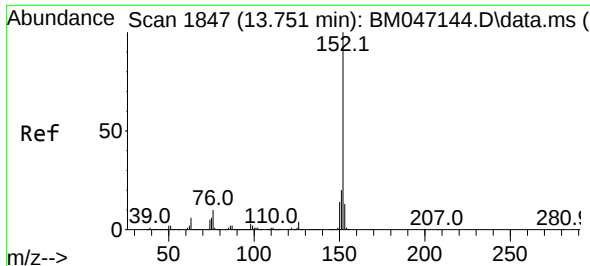


#48
2-Nitroaniline
Concen: 51.210 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



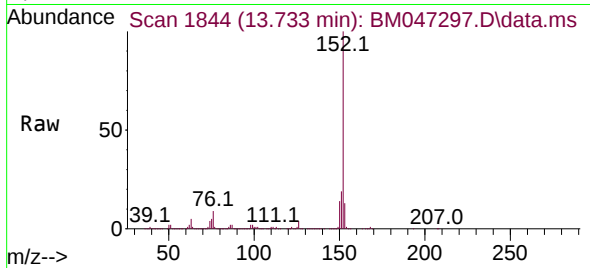
Tgt Ion: 65 Resp: 414769
Ion Ratio Lower Upper
65 100
92 72.2 55.1 82.7
138 114.5 85.9 128.9





#49
Acenaphthylene
Concen: 54.833 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

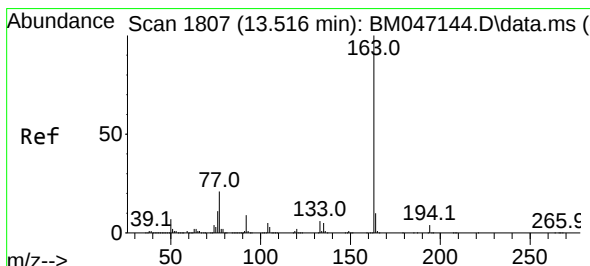
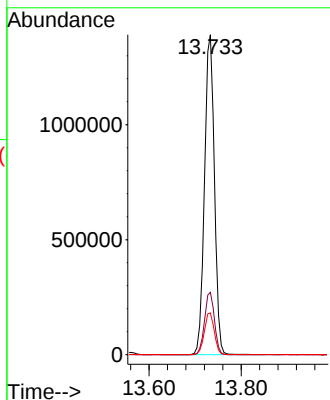
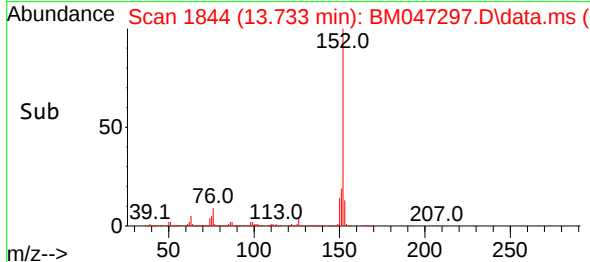
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



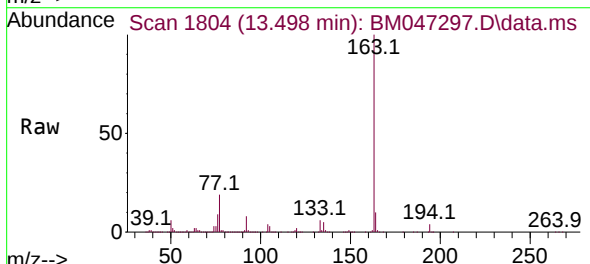
Tgt Ion:152 Resp: 208961
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6

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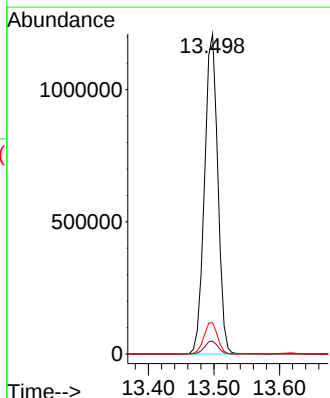
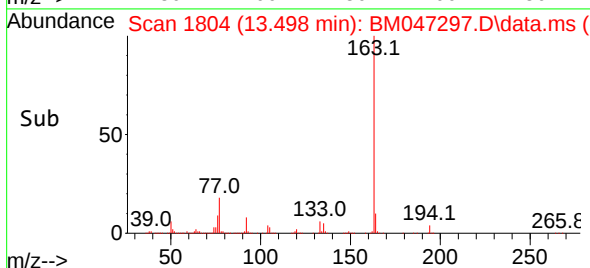
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

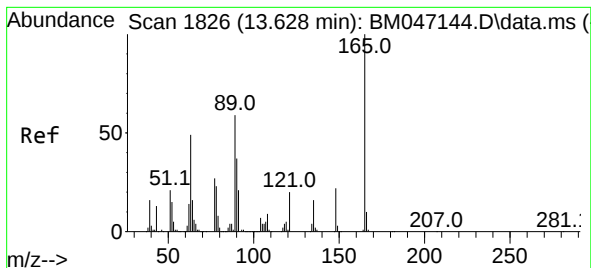


#50
Dimethylphthalate
Concen: 52.573 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



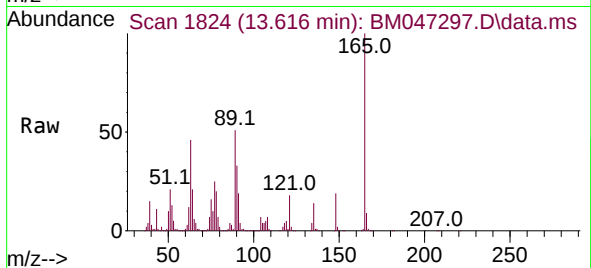
Tgt Ion:163 Resp: 1705999
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.414 ng
RT: 13.616 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

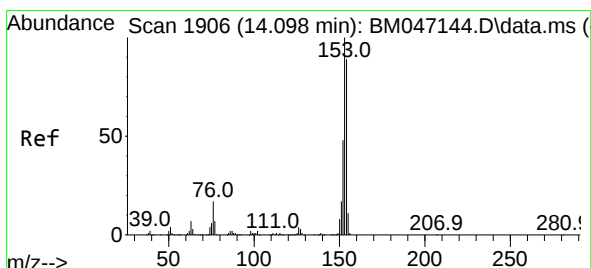
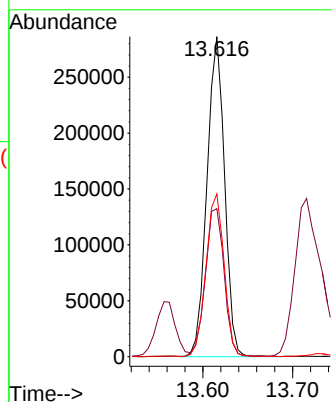
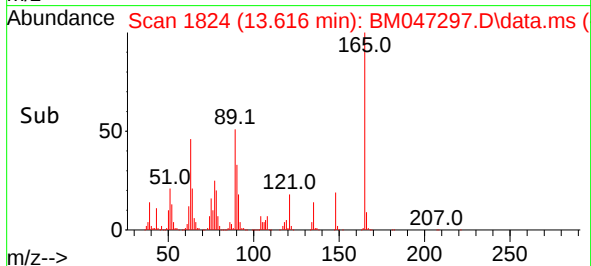
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



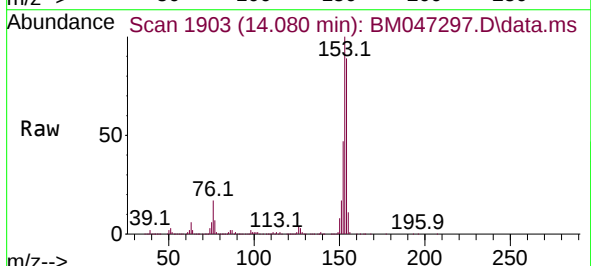
Tgt Ion:165 Resp: 390000
Ion Ratio Lower Upper
165 100
63 46.2 46.5 69.7
89 50.9 47.3 70.9

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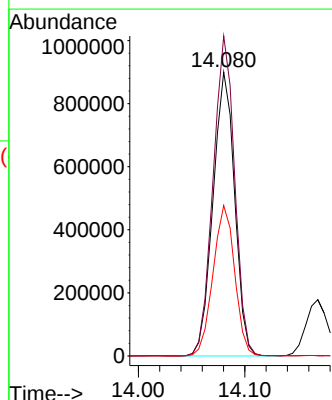
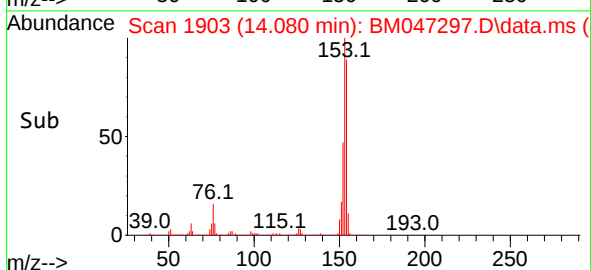
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

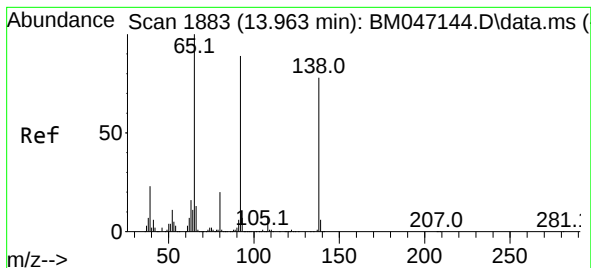


#52
Acenaphthene
Concen: 52.493 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



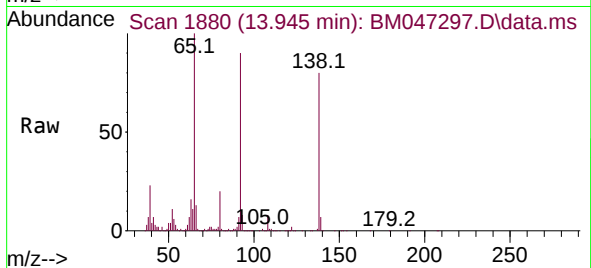
Tgt Ion:154 Resp: 1268955
Ion Ratio Lower Upper
154 100
153 112.7 90.3 135.5
152 53.0 42.9 64.3





#53
3-Nitroaniline
Concen: 33.417 ng
RT: 13.945 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

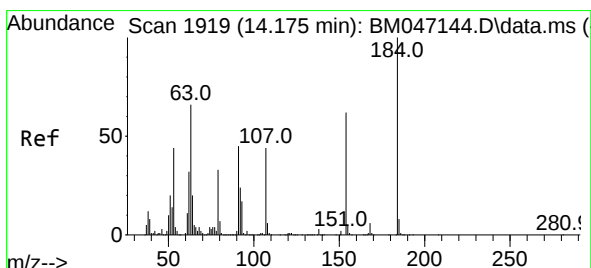
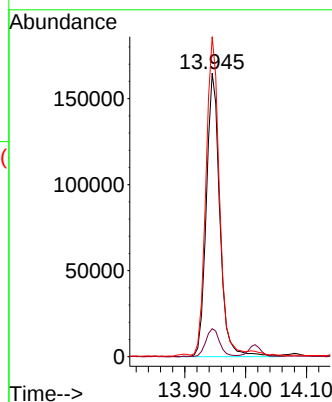
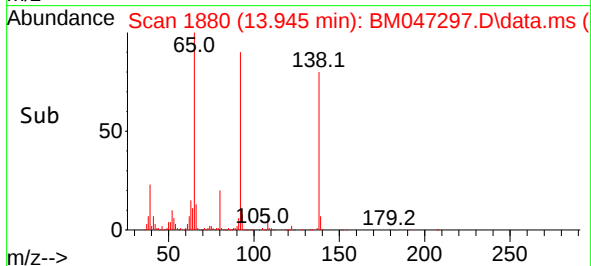
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:138 Resp: 254010
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 112.9 92.0 138.0

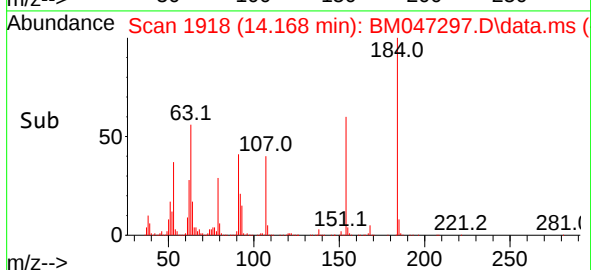
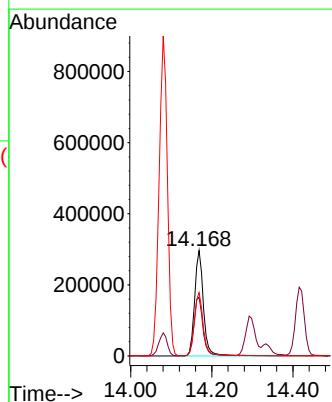
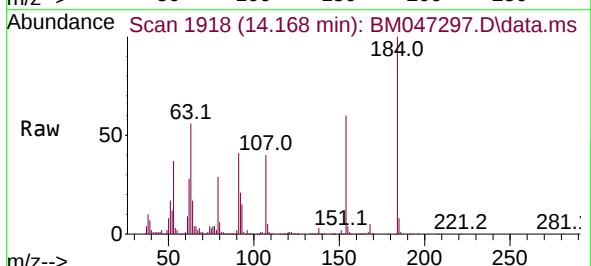
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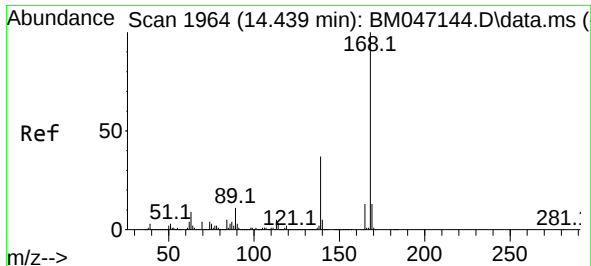
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#54
2,4-Dinitrophenol
Concen: 98.953 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

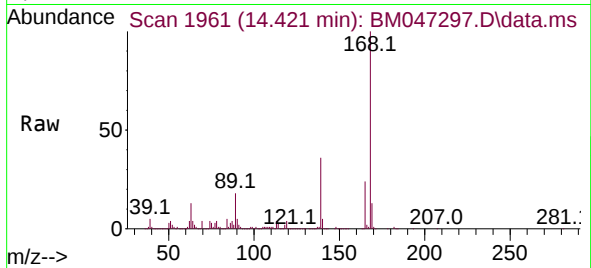
Tgt Ion:184 Resp: 449882
Ion Ratio Lower Upper
184 100
63 55.7 52.7 79.1
154 60.2 50.4 75.6





#55
Dibenzenofuran
Concen: 52.731 ng
RT: 14.421 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

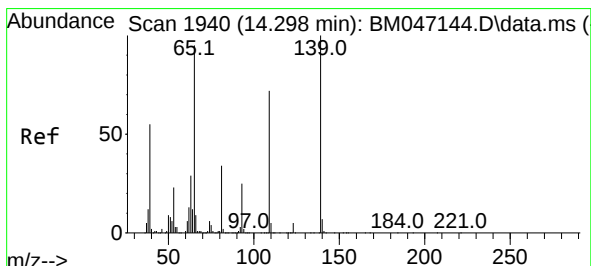
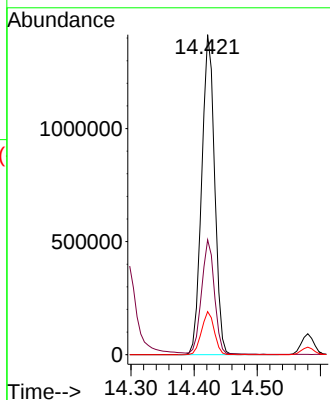
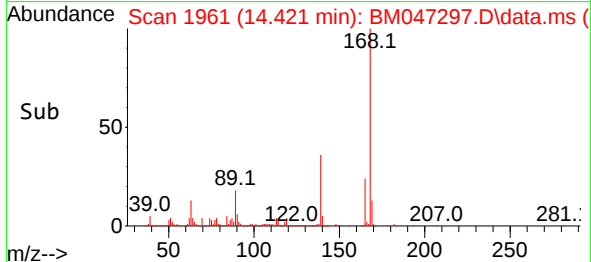
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:168 Resp: 201344
Ion Ratio Lower Upper
168 100
139 35.9 29.6 44.4
169 13.4 10.7 16.1

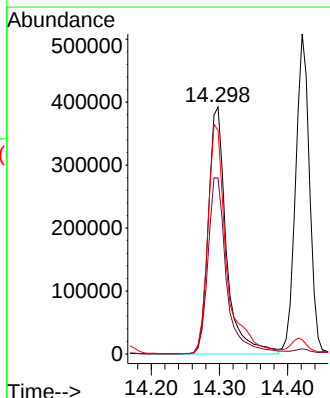
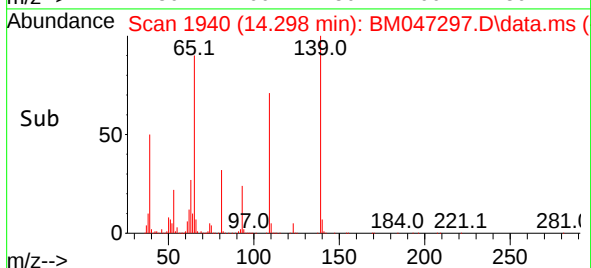
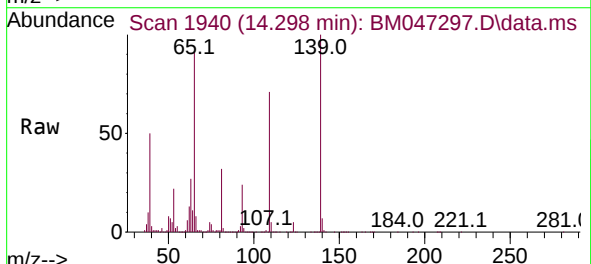
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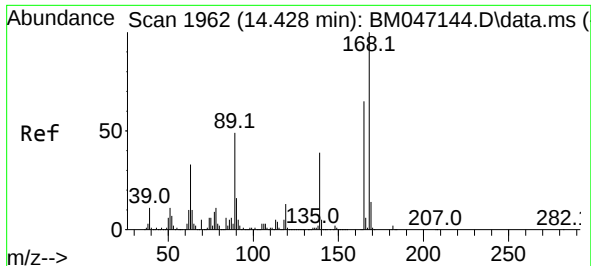
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#56
4-Nitrophenol
Concen: 110.048 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

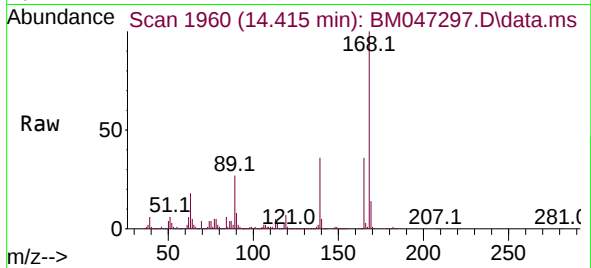
Tgt Ion:139 Resp: 721306
Ion Ratio Lower Upper
139 100
109 71.2 52.5 92.5
65 90.6 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 52.743 ng
RT: 14.415 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

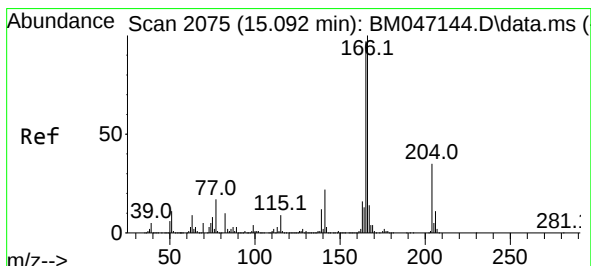
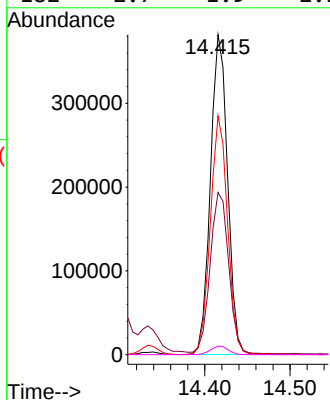
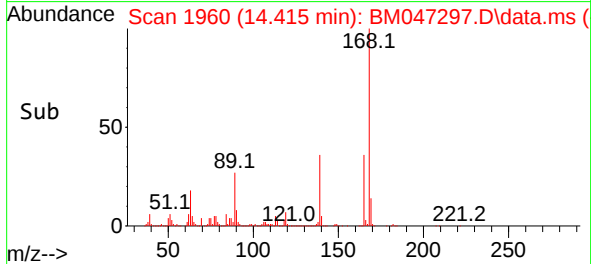
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:165 Resp: 534020
Ion Ratio Lower Upper
165 100
63 50.7 40.3 60.5
89 74.6 61.0 91.6
182 2.7 1.9 2.9

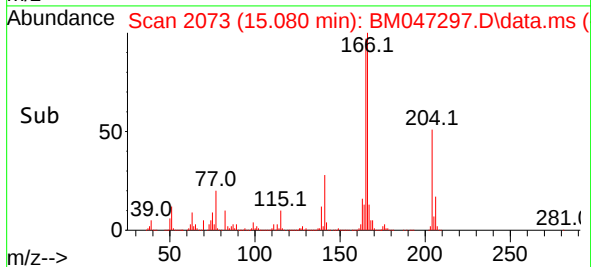
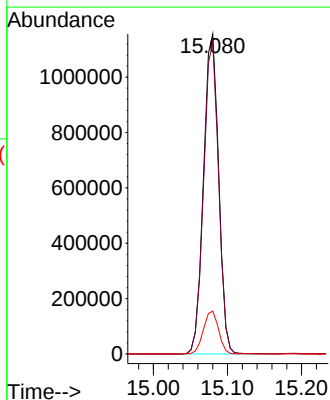
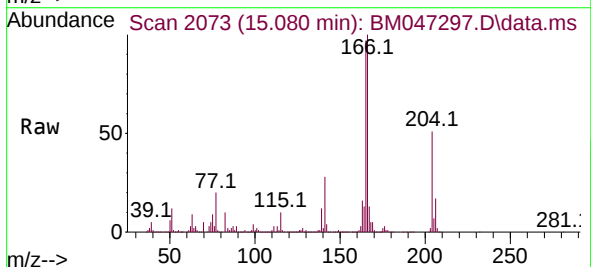
Manual Integrations
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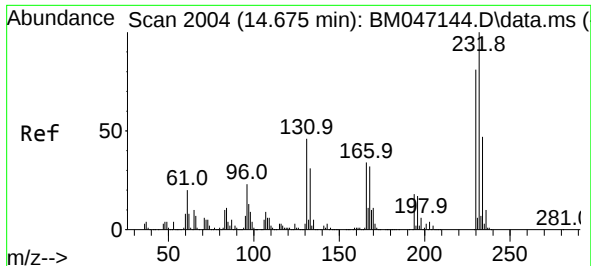
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#58
Fluorene
Concen: 52.076 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

Tgt Ion:166 Resp: 1640666
Ion Ratio Lower Upper
166 100
165 97.4 77.4 116.0
167 13.4 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.698 ng

RT: 14.663 min Scan# 2002

Delta R.T. -0.012 min

Lab File: BM047297.D

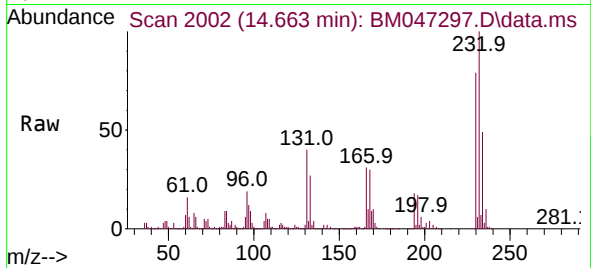
Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD



Tgt Ion:232 Resp: 50712

Ion Ratio Lower Upper

232 100

131 41.2 36.9 55.3

130 2.2 2.0 3.0

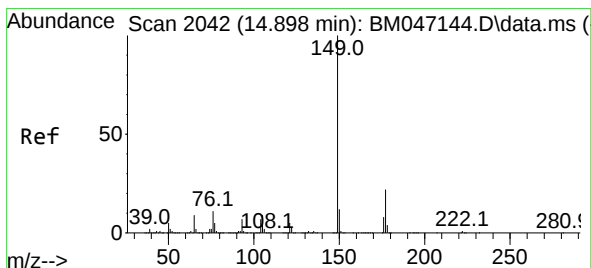
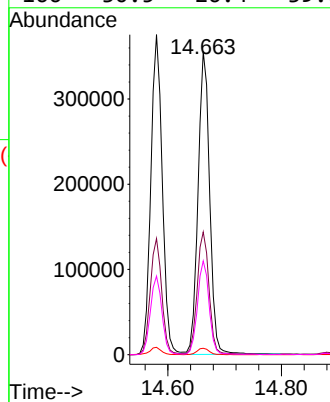
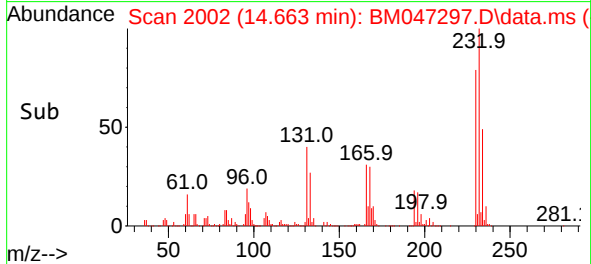
166 30.5 26.4 39.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#60

Diethylphthalate

Concen: 51.506 ng

RT: 14.880 min Scan# 2039

Delta R.T. -0.018 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

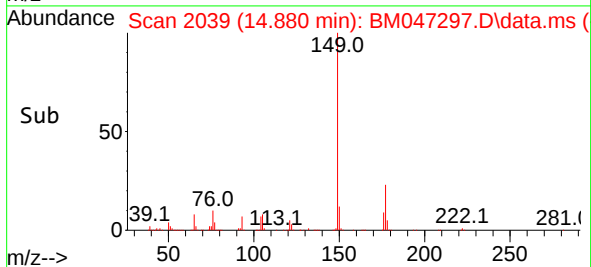
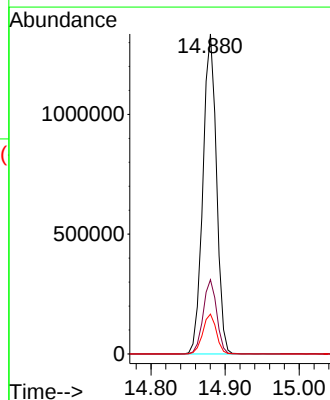
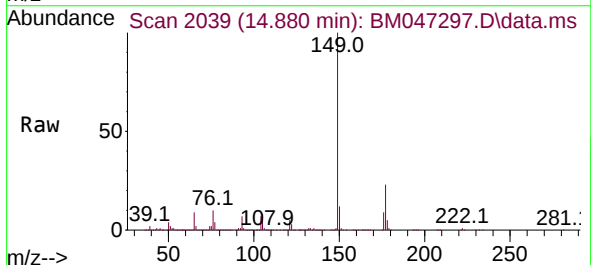
Tgt Ion:149 Resp: 1706763

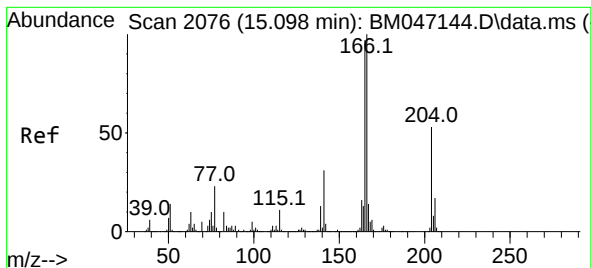
Ion Ratio Lower Upper

149 100

177 23.2 17.6 26.4

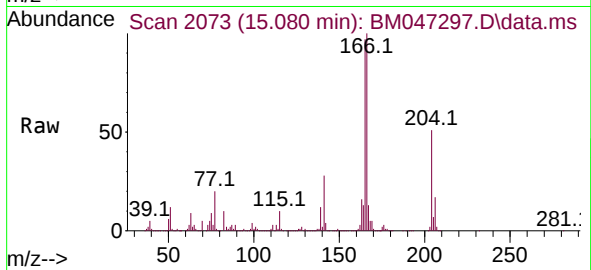
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 53.181 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

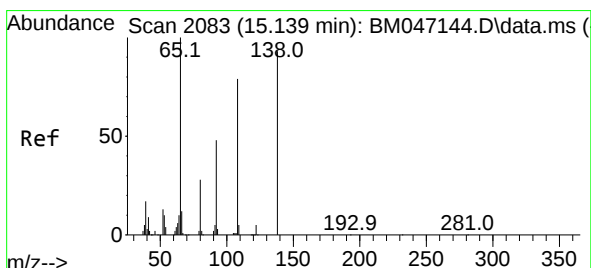
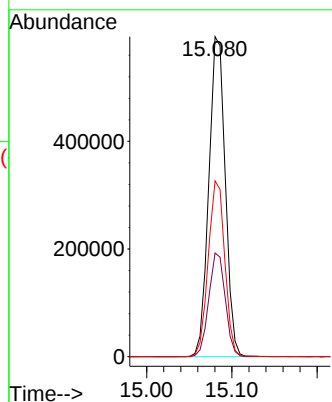
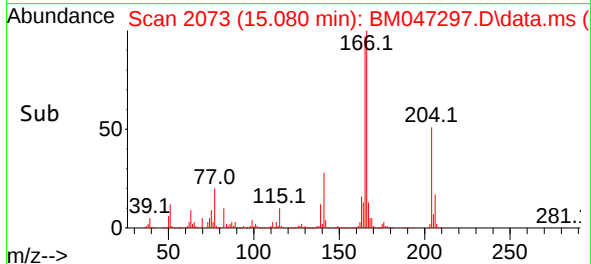
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:204 Resp: 797660
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 54.9 47.2 70.8

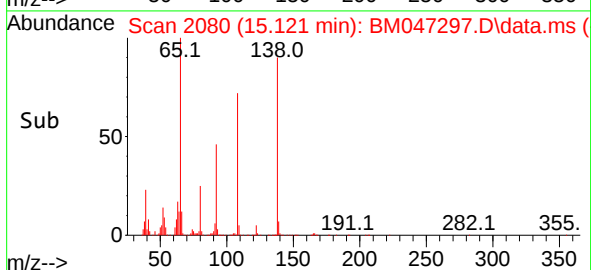
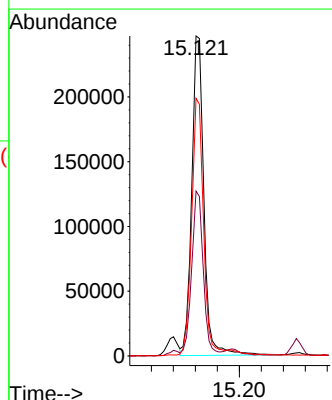
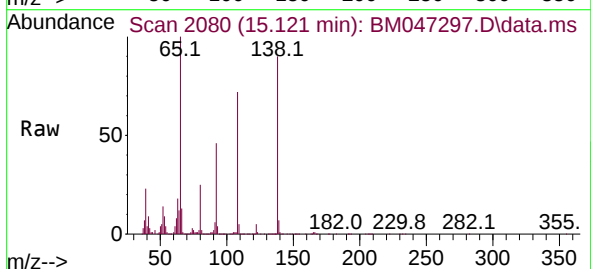
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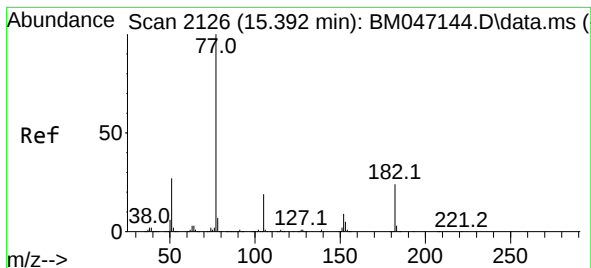
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 50.273 ng
RT: 15.121 min Scan# 2080
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

Tgt Ion:138 Resp: 376463
Ion Ratio Lower Upper
138 100
92 51.5 31.9 71.9
108 80.5 63.8 103.8





#63

Azobenzene

Concen: 48.848 ng

RT: 15.380 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BM047297.D

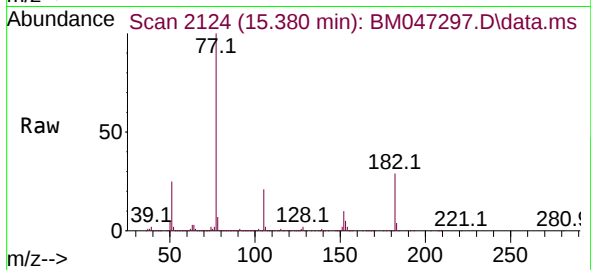
Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD



Tgt Ion: 77 Resp: 153478

Ion Ratio Lower Upper

77 100

182 28.6 3.8 43.8

105 20.7 0.0 39.5

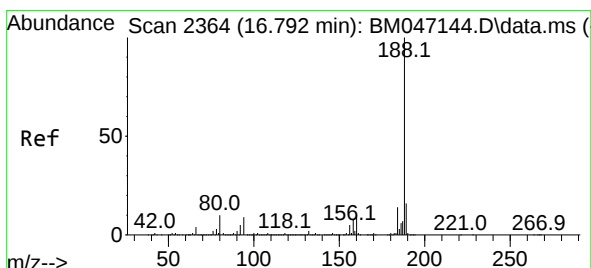
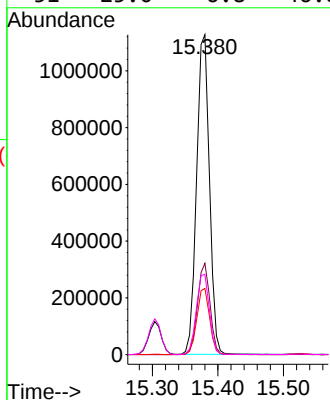
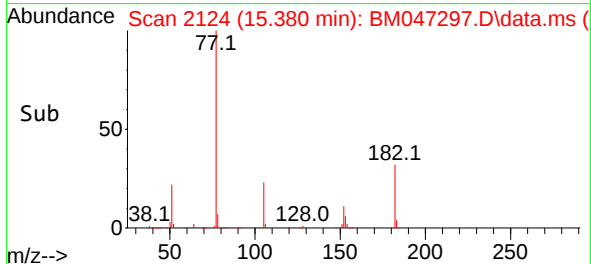
51 25.0 6.8 46.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

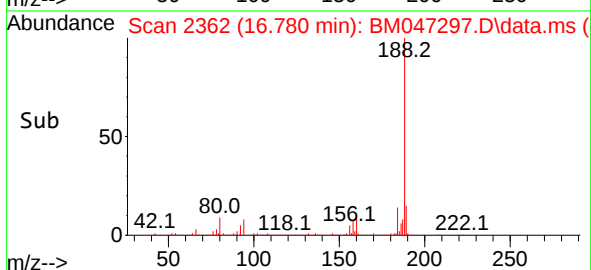
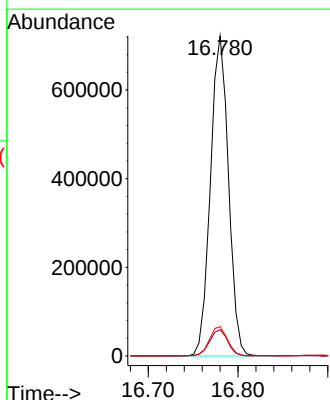
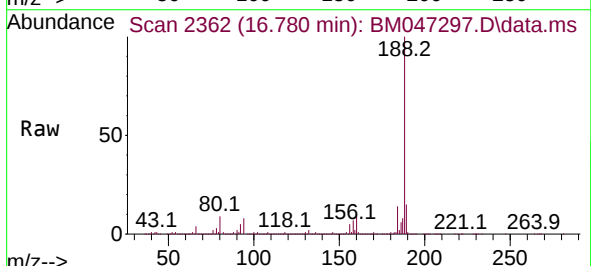
Tgt Ion:188 Resp: 1007426

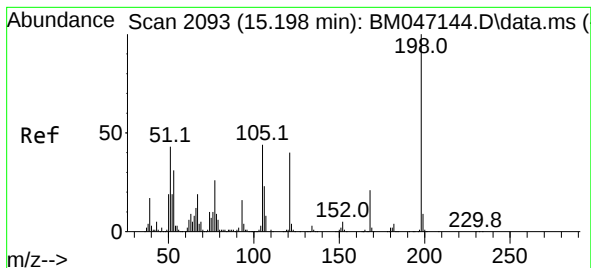
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

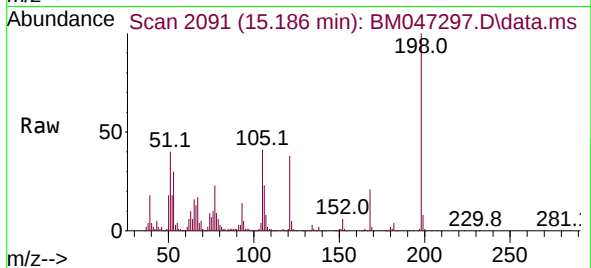
80 9.1 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 50.183 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

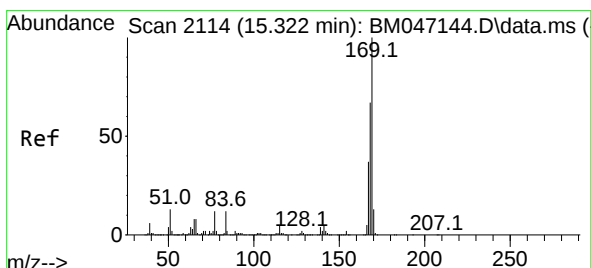
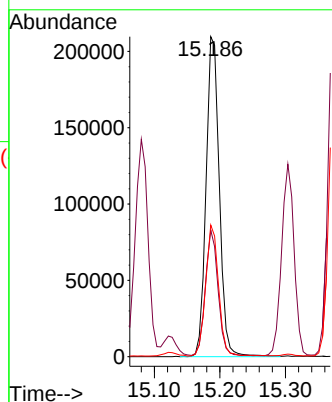
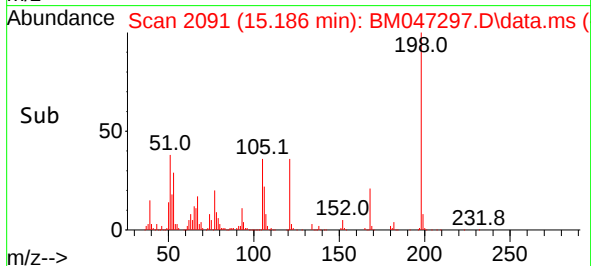
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:198 Resp: 29599
Ion Ratio Lower Upper
198 100
51 39.6 23.9 63.9
105 41.1 24.3 64.3

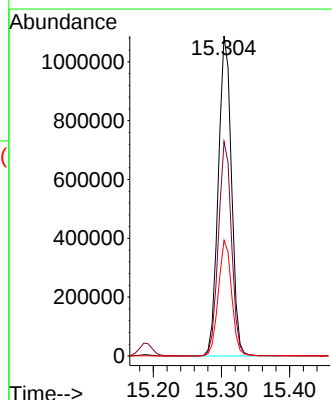
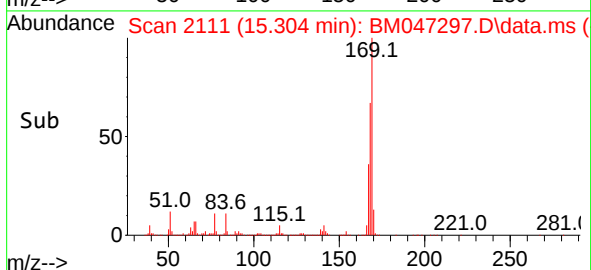
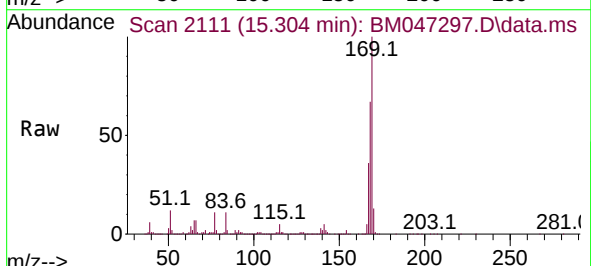
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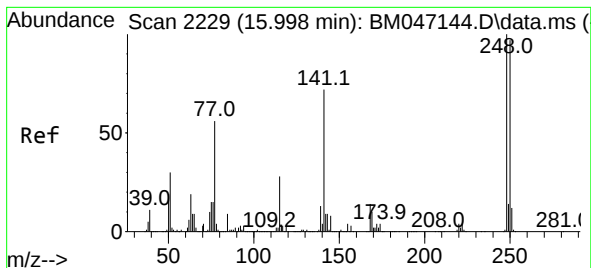
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 53.368 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

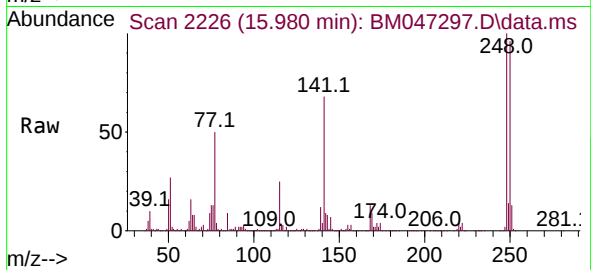
Tgt Ion:169 Resp: 1464397
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 36.2 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 54.999 ng
RT: 15.980 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

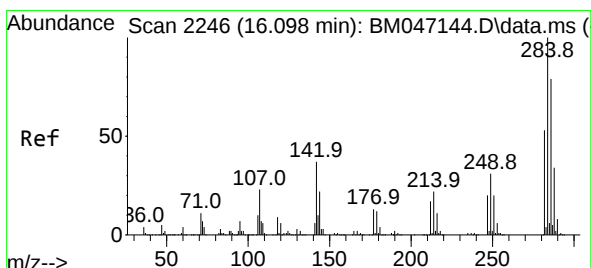
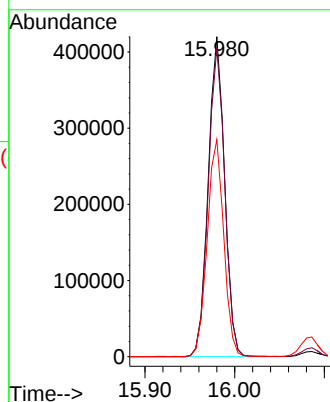
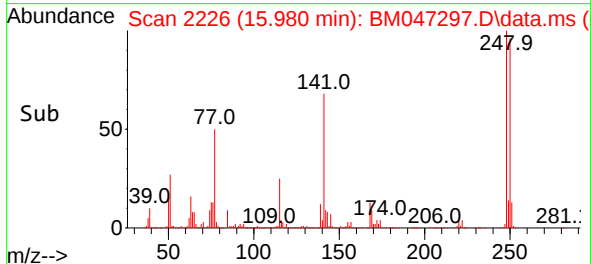
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



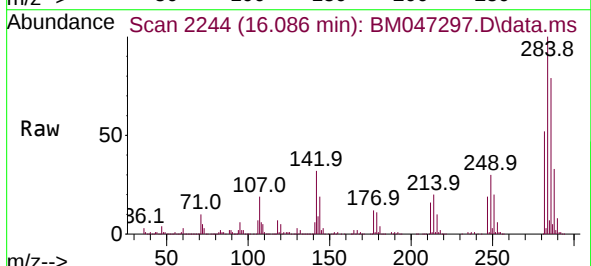
Tgt Ion:248 Resp: 533912
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 67.9 57.7 86.5

Manual Integrations
APPROVED

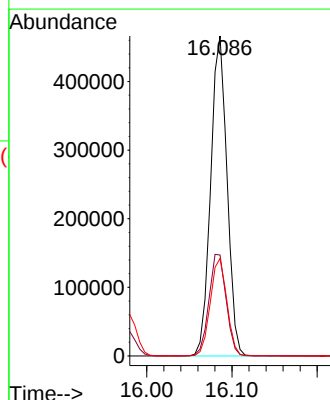
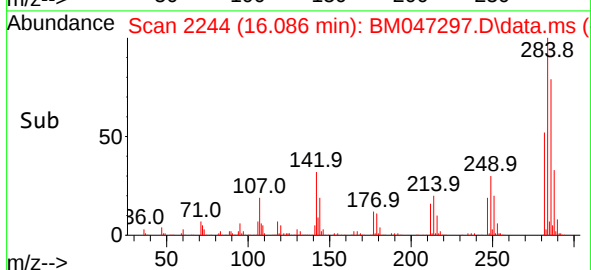
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

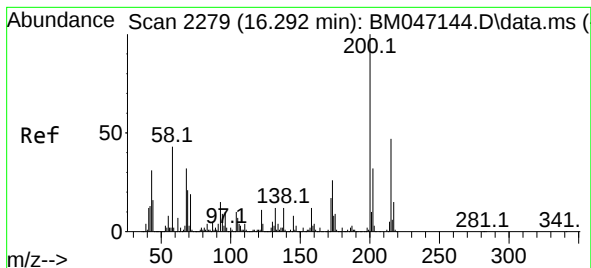


#68
Hexachlorobenzene
Concen: 53.465 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



Tgt Ion:284 Resp: 621614
Ion Ratio Lower Upper
284 100
142 31.6 29.4 44.0
249 30.5 25.1 37.7





#69

Atrazine

Concen: 70.101 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047297.D

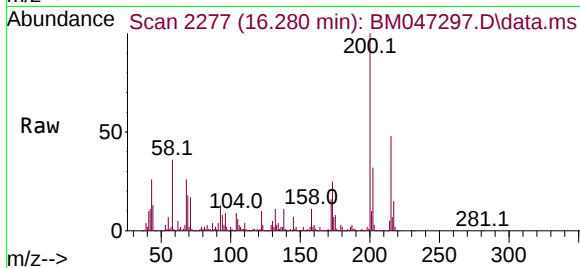
Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD



Tgt Ion:200 Resp: 578829

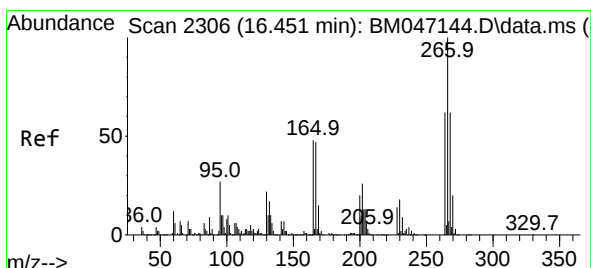
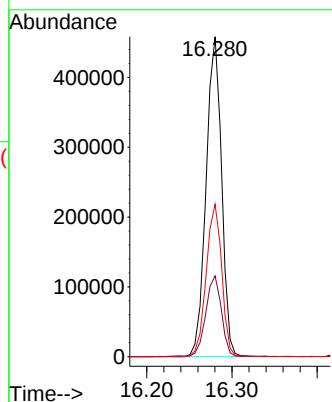
Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	47.7	26.8	66.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 111.118 ng

RT: 16.445 min Scan# 2305

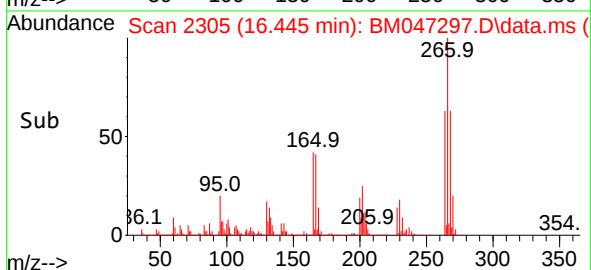
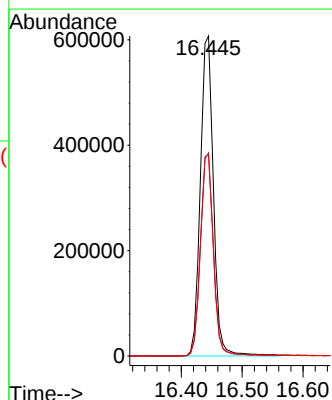
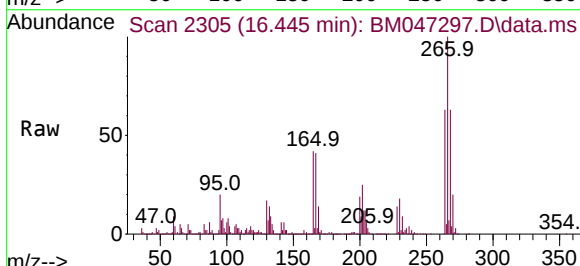
Delta R.T. -0.006 min

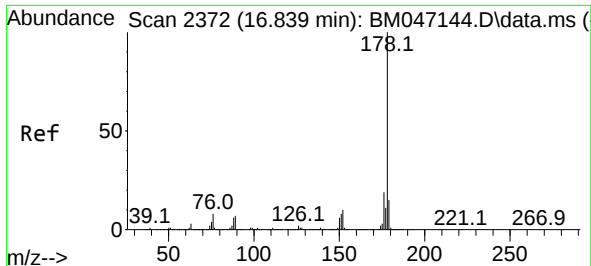
Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Tgt Ion:266 Resp: 905612

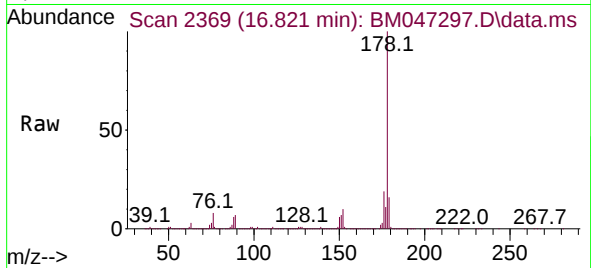
Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	63.1	49.6	74.4





#71
Phenanthrene
Concen: 53.277 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

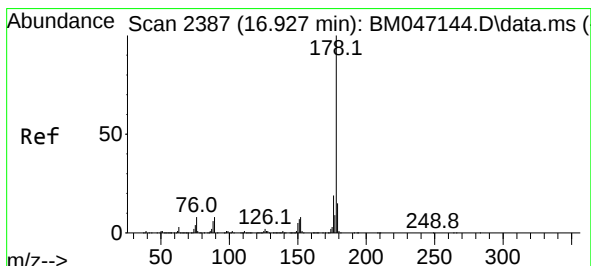
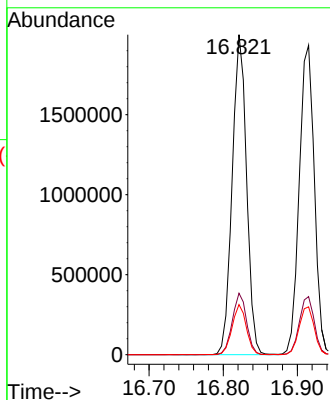
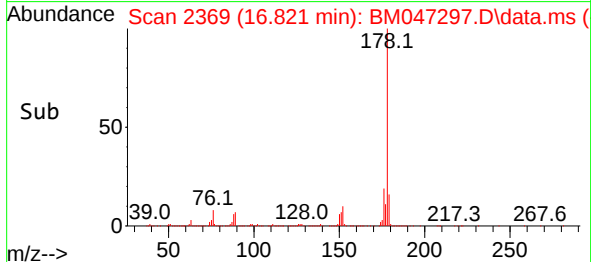
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



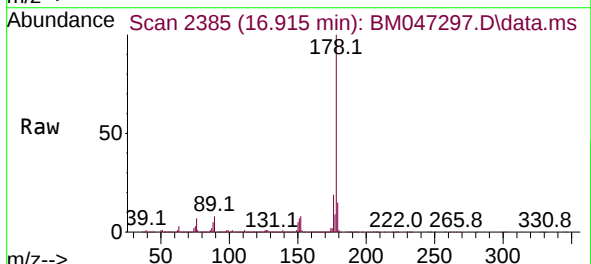
Tgt Ion:178 Resp: 269362
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.4 18.6

Manual Integrations
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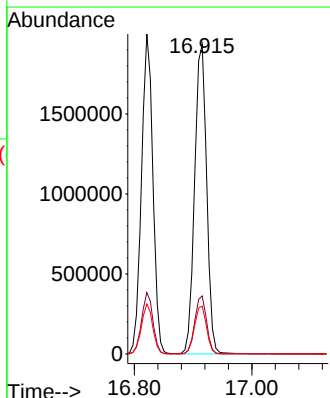
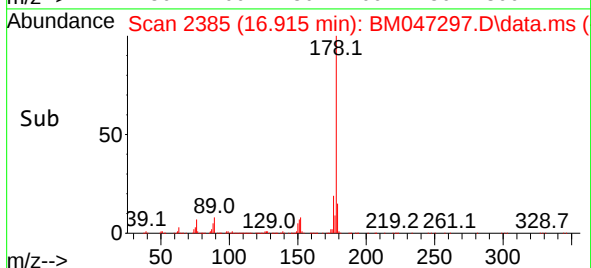
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

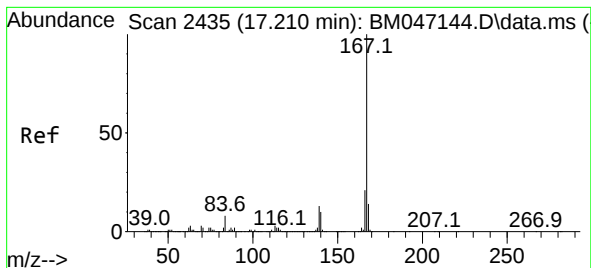


#72
Anthracene
Concen: 55.774 ng
RT: 16.915 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



Tgt Ion:178 Resp: 2743767
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 53.068 ng

RT: 17.198 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD

Tgt Ion:167 Resp: 266553

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

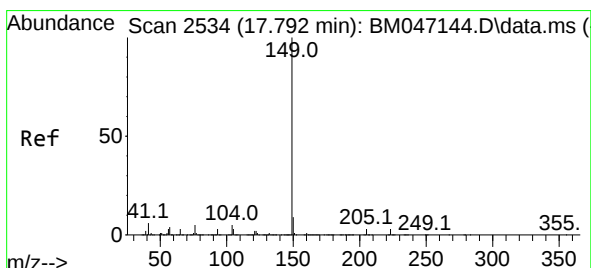
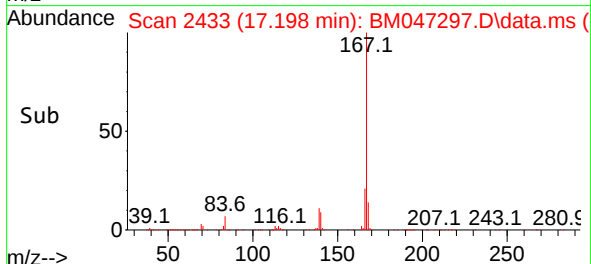
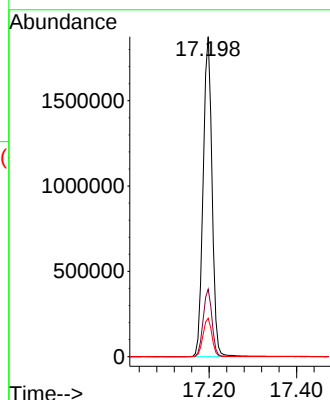
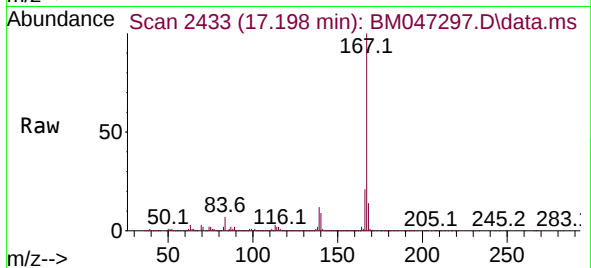
139 12.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#74

Di-n-butylphthalate

Concen: 52.861 ng

RT: 17.780 min Scan# 2532

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

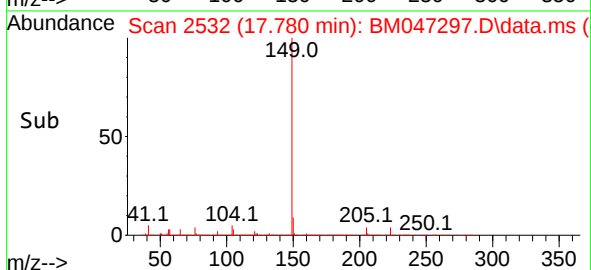
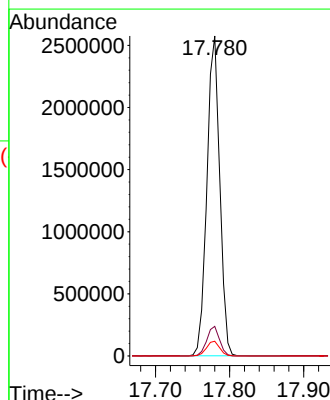
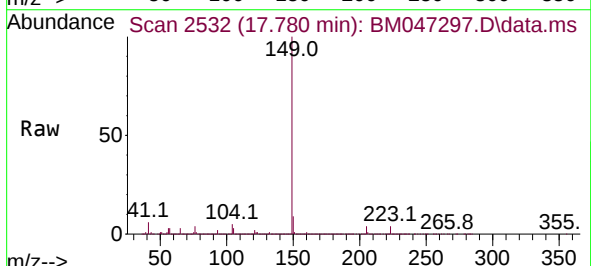
Tgt Ion:149 Resp: 3089436

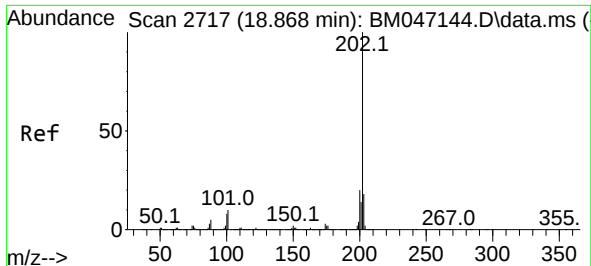
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

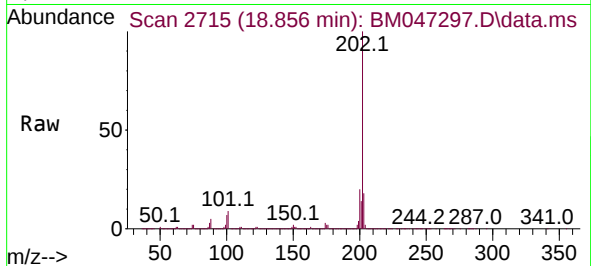
104 4.6 4.1 6.1





#75
Fluoranthene
Concen: 53.985 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

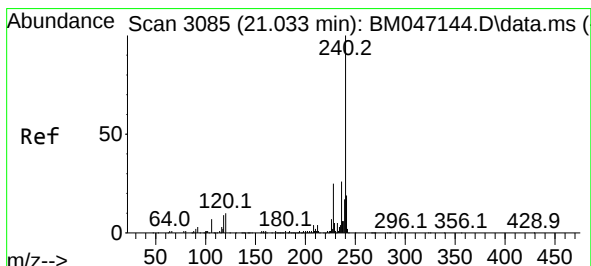
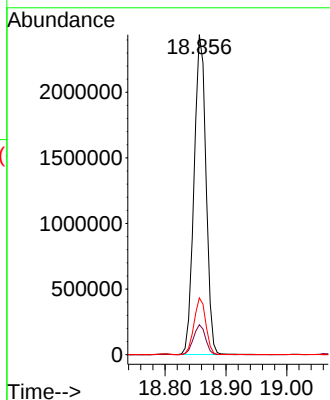
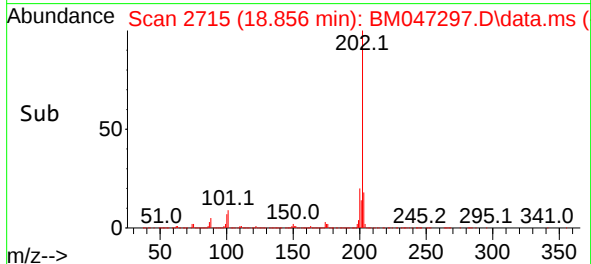
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:202 Resp: 3319830
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.8 0.0 37.6

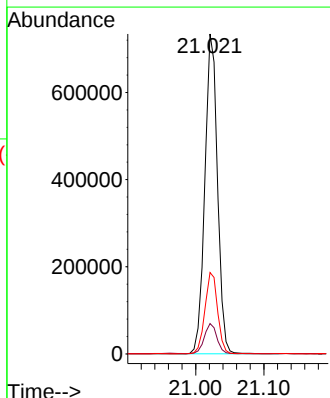
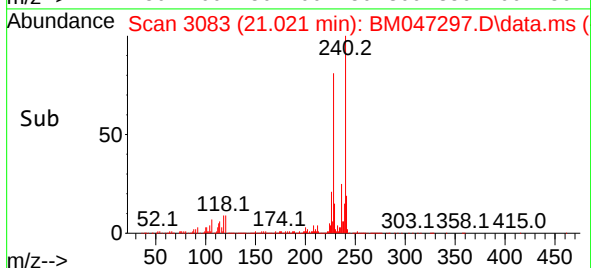
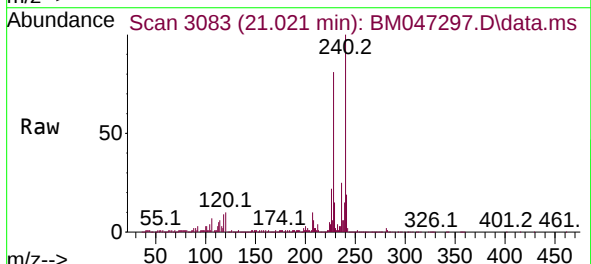
Manual Integrations
APPROVED

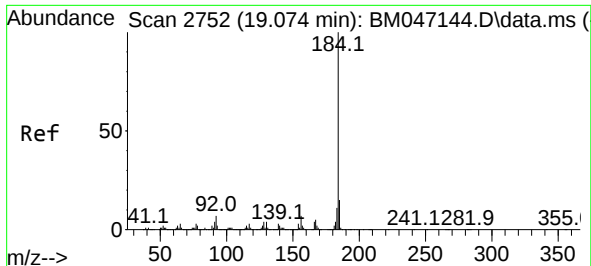
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

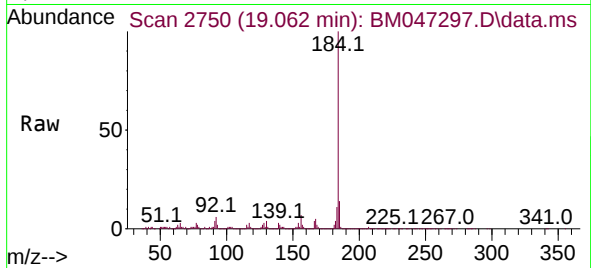
Tgt Ion:240 Resp: 946266
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 25.4 20.6 30.8





#77
Benzidine
Concen: 100.577 ng
RT: 19.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

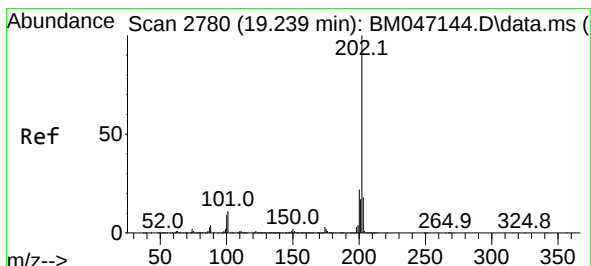
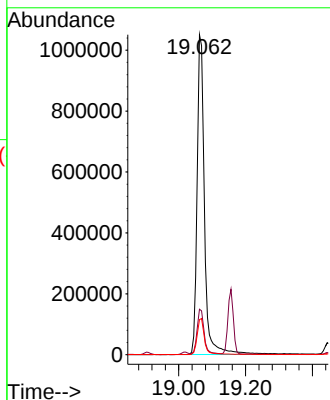
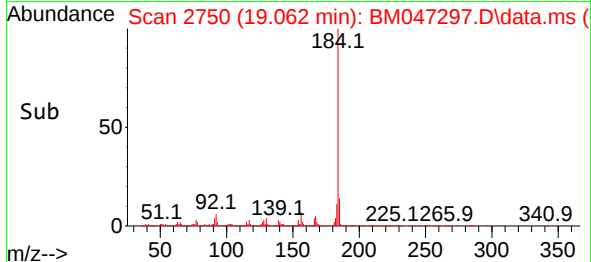
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



Tgt Ion:184 Resp: 161398
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.0 9.0 13.6

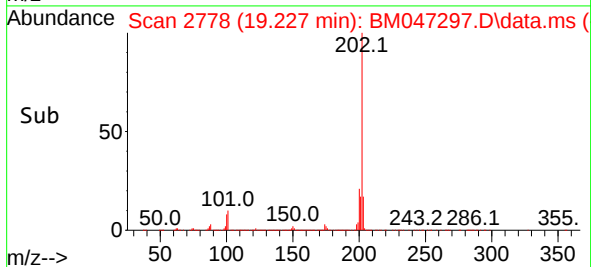
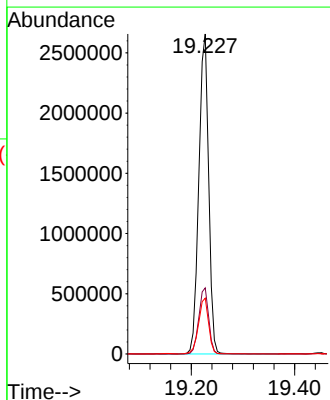
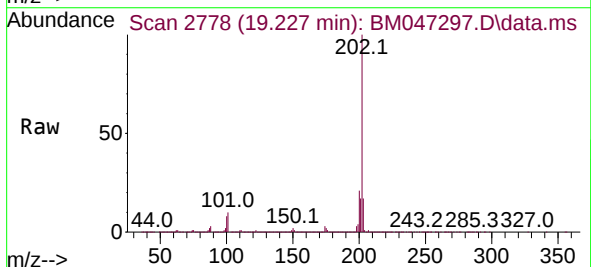
Manual Integrations
APPROVED

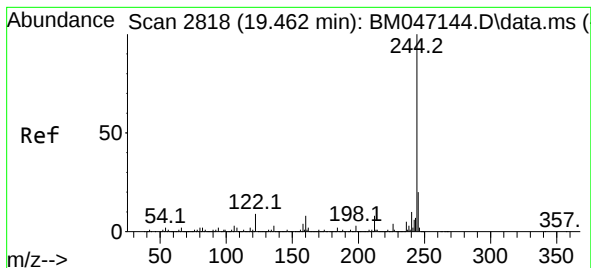
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#78
Pyrene
Concen: 51.659 ng
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

Tgt Ion:202 Resp: 3490388
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 70.445 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047297.D

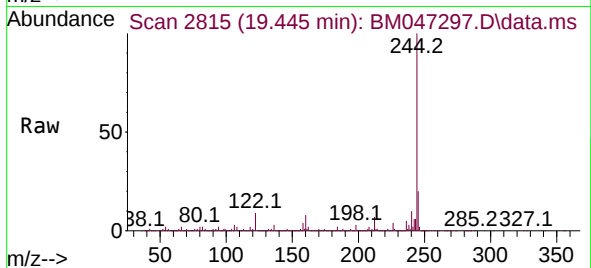
Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD



Tgt Ion:244 Resp: 311091

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

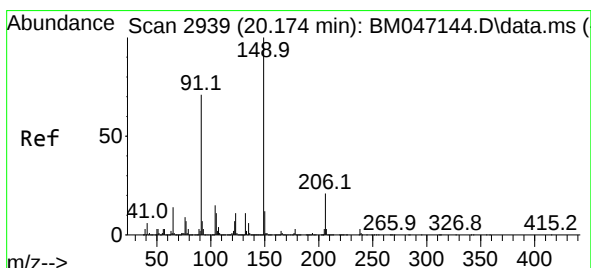
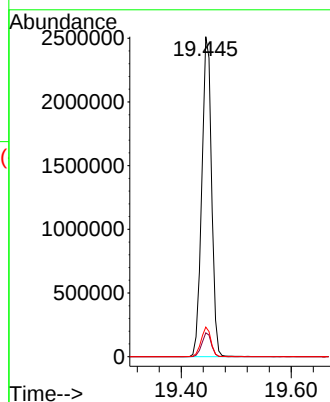
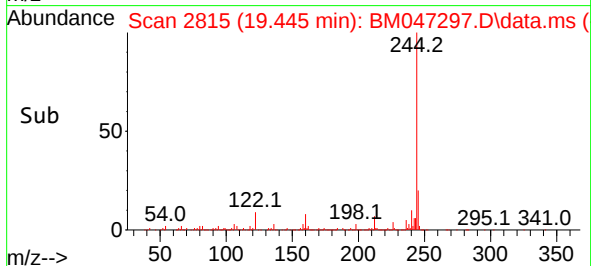
122 9.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#80

Butylbenzylphthalate

Concen: 55.324 ng

RT: 20.162 min Scan# 2937

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

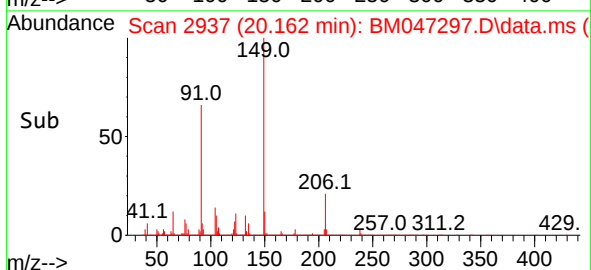
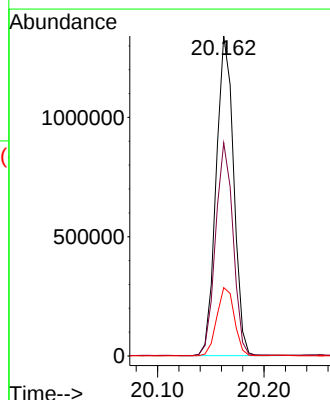
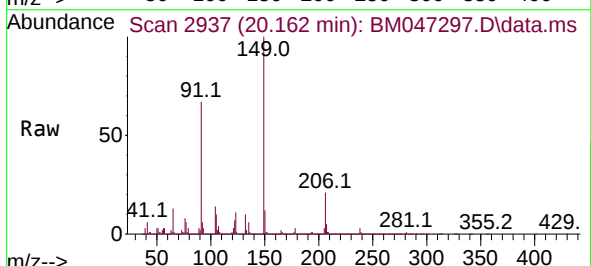
Tgt Ion:149 Resp: 1525502

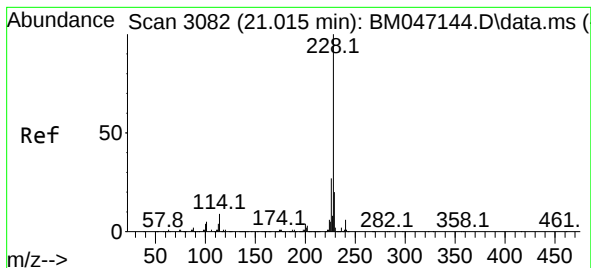
Ion Ratio Lower Upper

149 100

91 66.6 57.0 85.4

206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.751 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD

Tgt Ion:228 Resp: 3376550

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

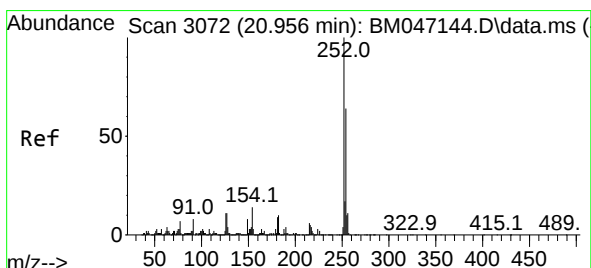
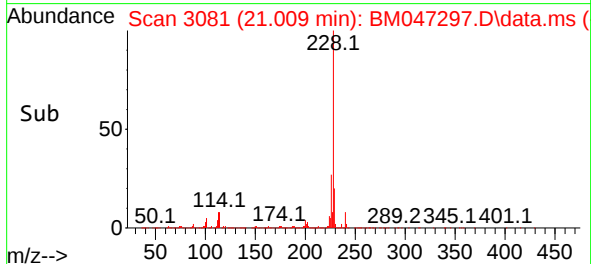
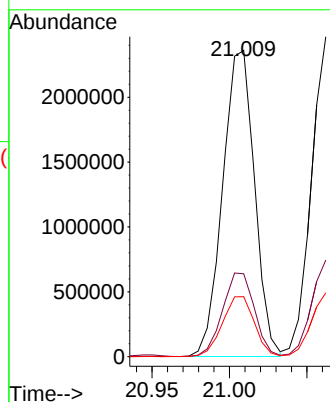
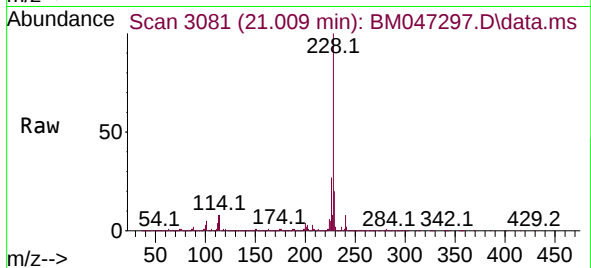
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 48.318 ng

RT: 20.944 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

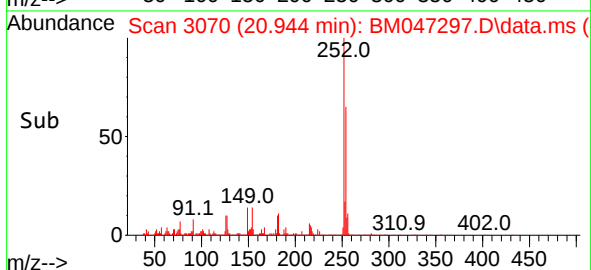
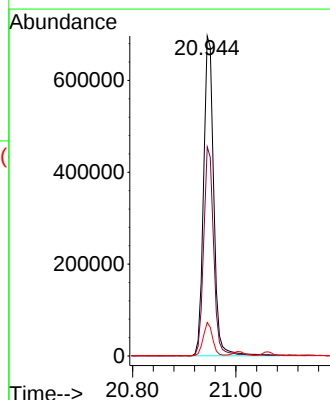
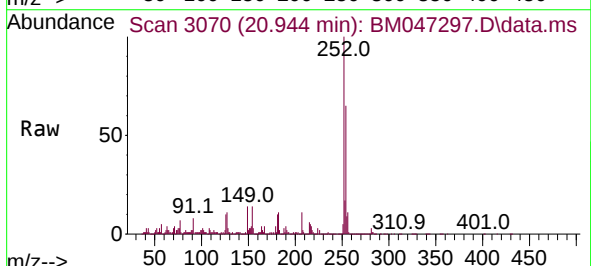
Tgt Ion:252 Resp: 949677

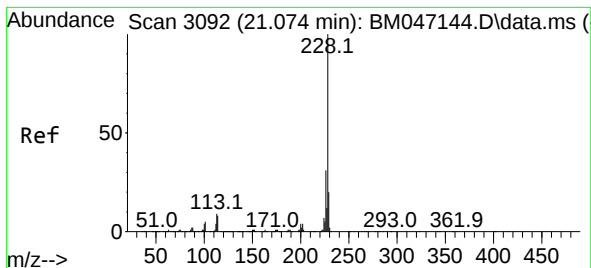
Ion Ratio Lower Upper

252 100

254 65.4 51.0 76.6

126 10.4 8.5 12.7





#83

Chrysene

Concen: 52.981 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD

Tgt Ion:228 Resp: 315766

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

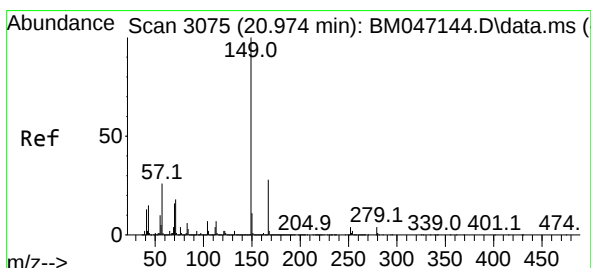
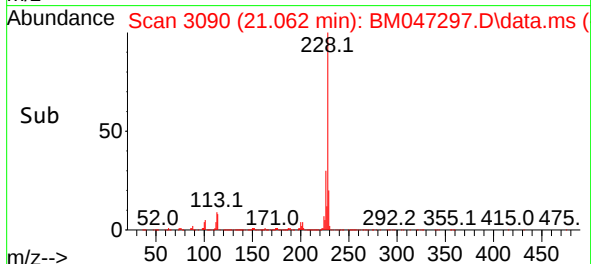
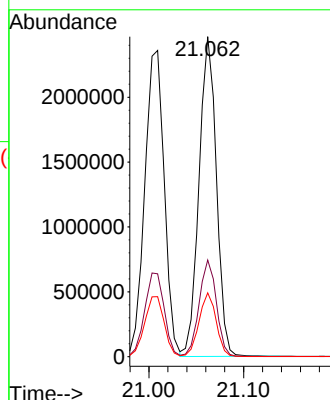
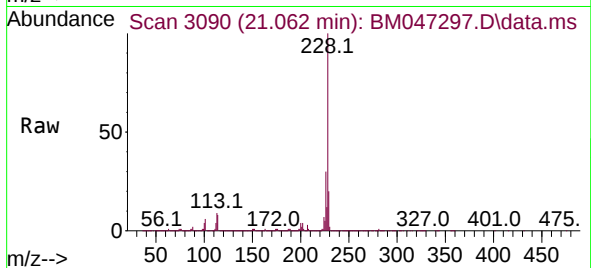
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.898 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

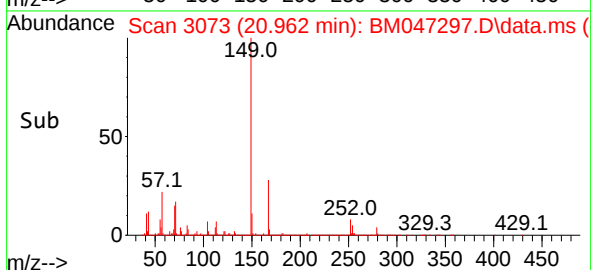
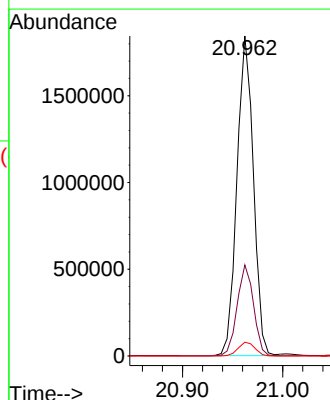
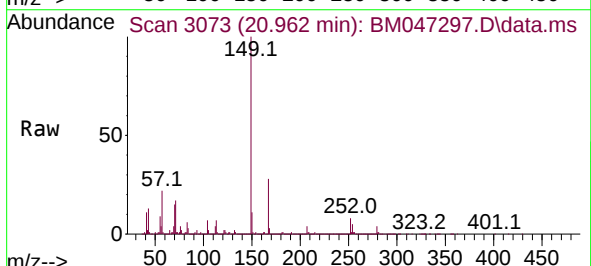
Tgt Ion:149 Resp: 2107627

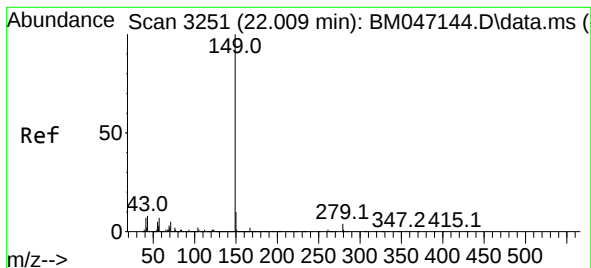
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 58.152 ng

RT: 21.991 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD

Tgt Ion:149 Resp: 386513

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

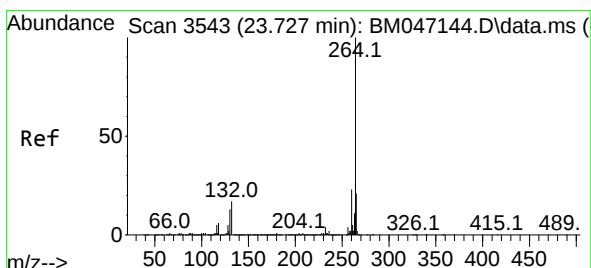
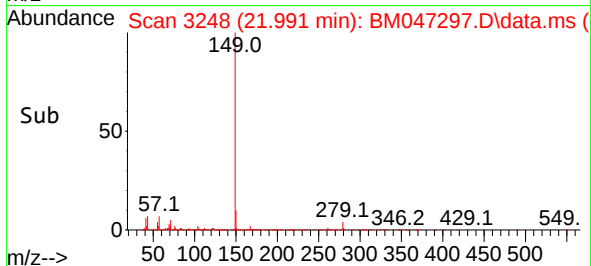
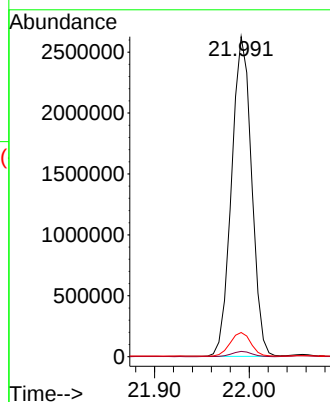
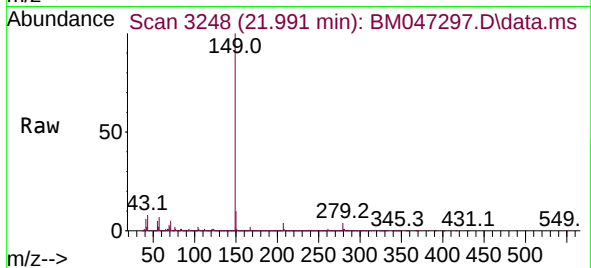
43 7.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

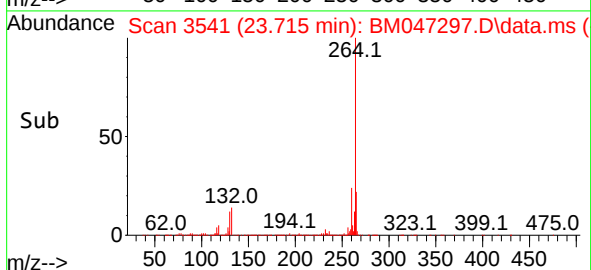
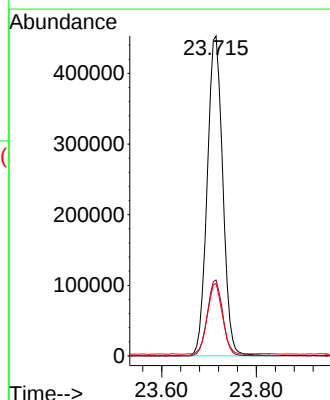
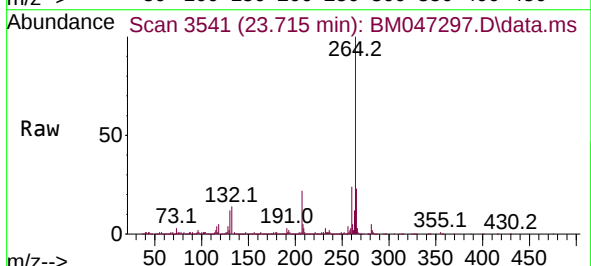
Tgt Ion:264 Resp: 1032820

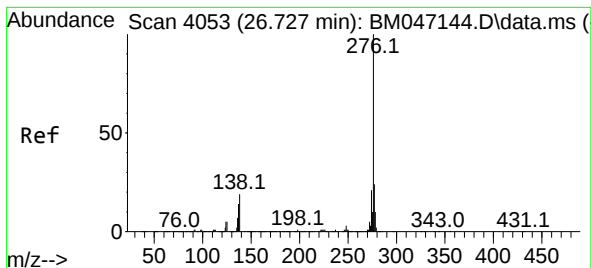
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.744 ng

RT: 26.709 min Scan# 4053

Delta R.T. -0.018 min

Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16MSD

Tgt Ion:276 Resp: 338765

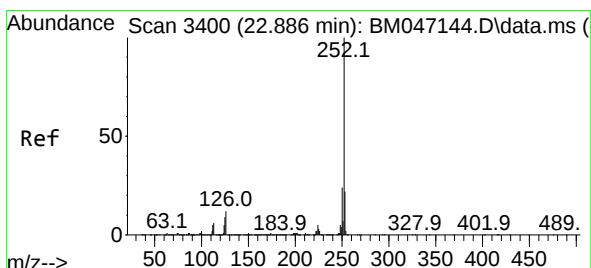
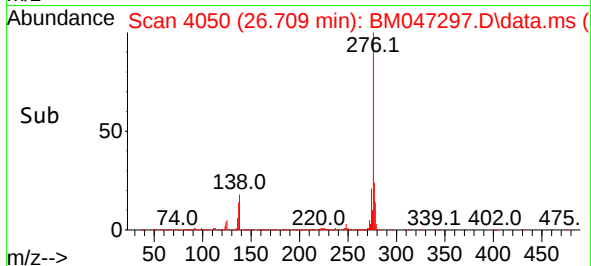
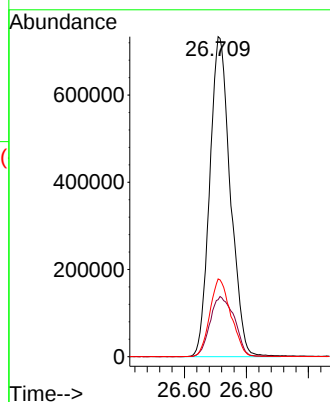
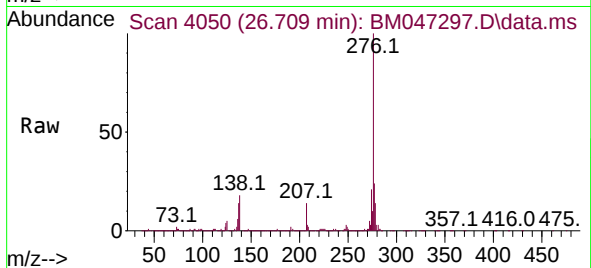
Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.4	29.0
277	24.9	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#88

Benzo(b)fluoranthene

Concen: 53.760 ng

RT: 22.874 min Scan# 3398

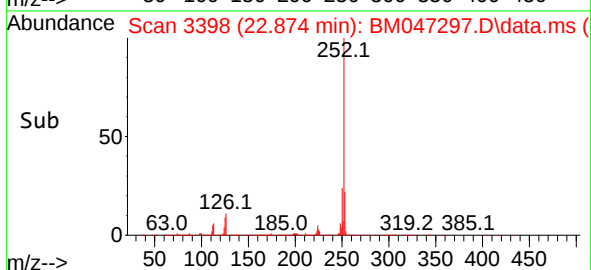
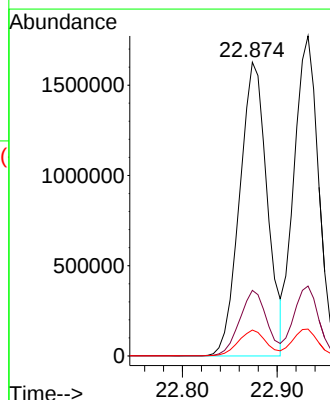
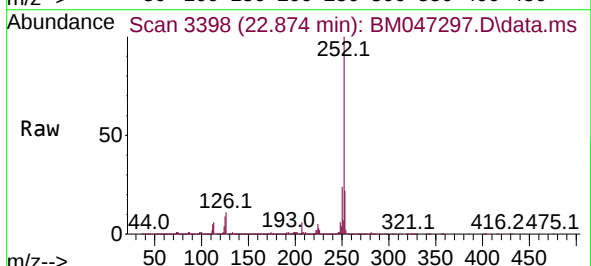
Delta R.T. -0.012 min

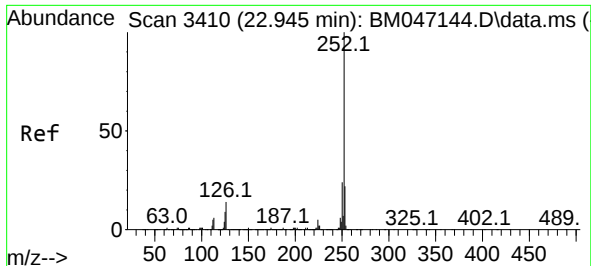
Lab File: BM047297.D

Acq: 21 Aug 2024 14:27

Tgt Ion:252 Resp: 3297391

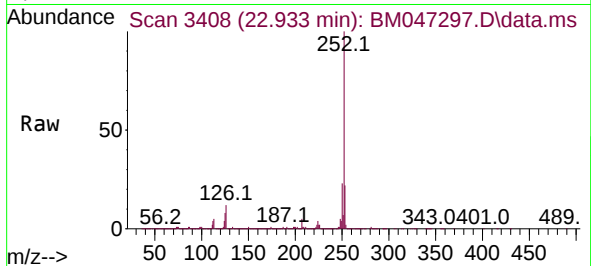
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.8	7.4	11.0





#89
Benzo(k)fluoranthene
Concen: 55.398 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

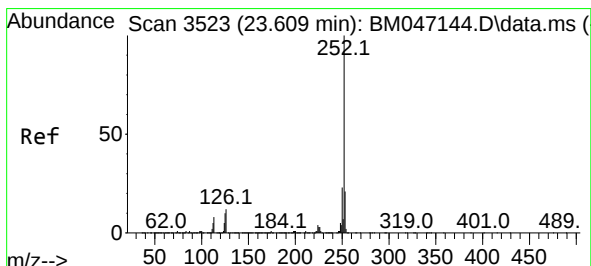
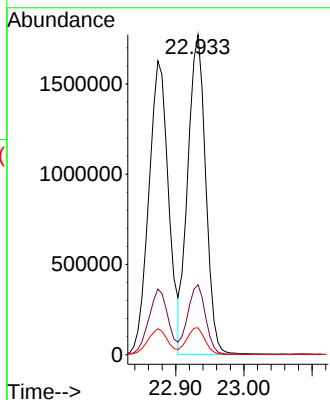
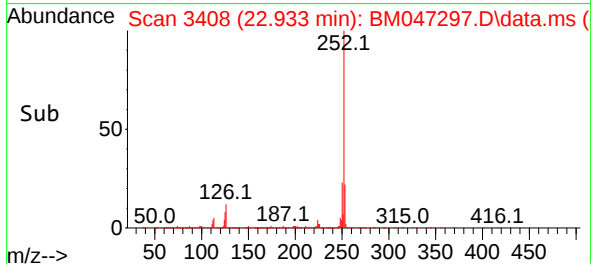
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



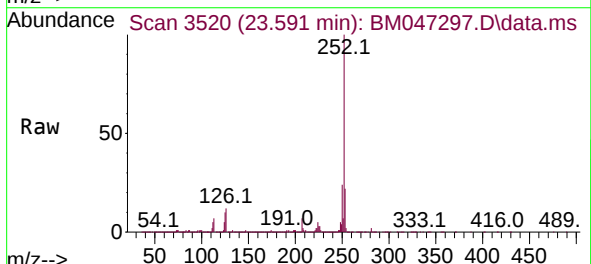
Tgt Ion:252 Resp: 3209415
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.4 7.4 11.2

Manual Integrations
APPROVED

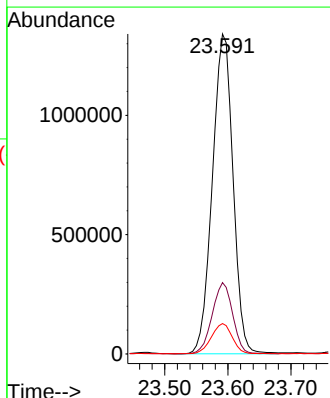
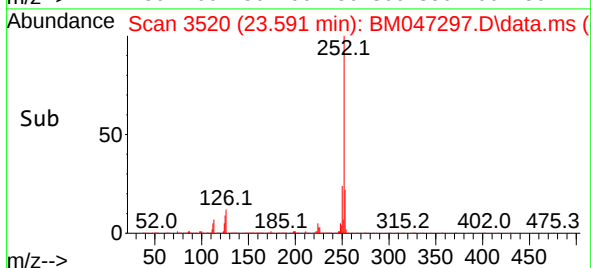
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

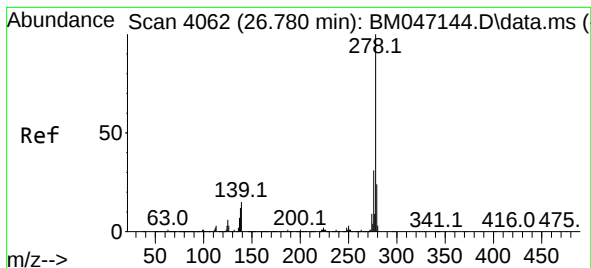


#90
Benzo(a)pyrene
Concen: 57.266 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



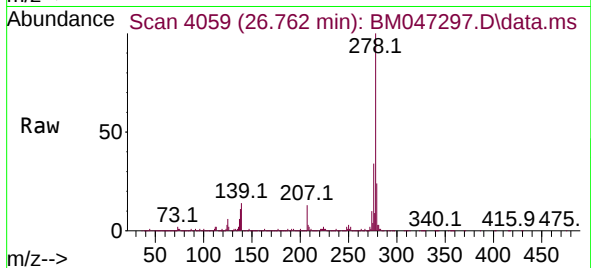
Tgt Ion:252 Resp: 3042711
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.5 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 50.060 ng
RT: 26.762 min Scan# 4062
Delta R.T. -0.018 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27

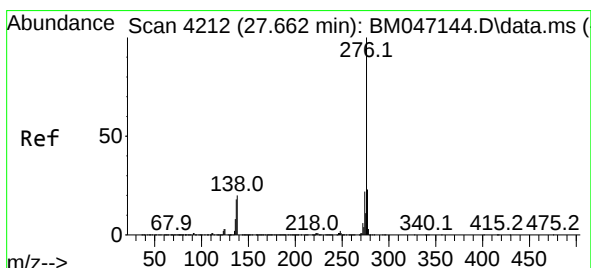
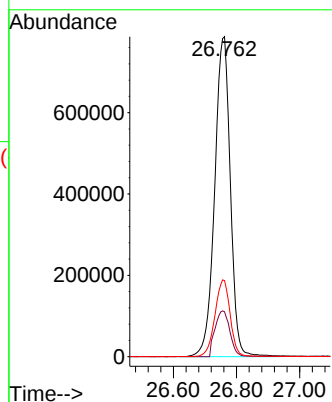
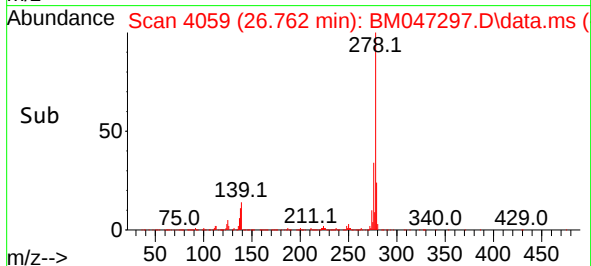
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD



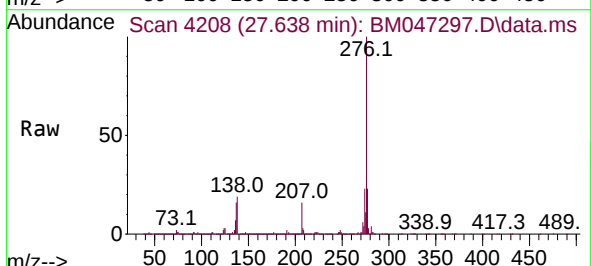
Tgt Ion:278 Resp: 270459
Ion Ratio Lower Upper
278 100
139 14.0 12.0 18.0
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#92
Benzo(g,h,i)perylene
Concen: 45.973 ng
RT: 27.638 min Scan# 4208
Delta R.T. -0.024 min
Lab File: BM047297.D
Acq: 21 Aug 2024 14:27



Tgt Ion:276 Resp: 2578788
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 18.9 16.2 24.4

