

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091624\
 Data File : BM047533.D
 Acq On : 16 Sep 2024 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 11:33:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	392657	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1713353	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1011168	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1938186	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1774639	20.000	ng	0.00
86) Perylene-d12	24.468	264	1492872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1966825	79.754	ng	0.00
7) Phenol-d6	7.010	99	2817756	81.134	ng	0.00
23) Nitrobenzene-d5	9.004	82	2776970	81.114	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	795722	81.414	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	5995667	81.679	ng	0.00
79) Terphenyl-d14	19.833	244	8815218	89.012	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	425598	40.292	ng	100
3) Pyridine	3.716	79	1272713m	40.479	ng	
4) n-Nitrosodimethylamine	3.622	42	566596	39.718	ng	100
6) Aniline	7.175	93	1247553	40.518	ng	99
8) 2-Chlorophenol	7.416	128	1081491	39.781	ng	99
9) Benzaldehyde	6.981	77	620037	37.547	ng	100
10) Phenol	7.034	94	1401549	40.304	ng	97
11) bis(2-Chloroethyl)ether	7.269	93	1129567	40.460	ng	99
12) 1,3-Dichlorobenzene	7.739	146	1169839	39.313	ng	100
13) 1,4-Dichlorobenzene	7.887	146	1189026	39.231	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1173597	39.346	ng	99
15) Benzyl Alcohol	8.081	79	942934	40.082	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1564489m	39.838	ng	
17) 2-Methylphenol	8.287	107	895293	40.301	ng	100
18) Hexachloroethane	8.934	117	470922	38.895	ng	97
19) n-Nitroso-di-n-propyla...	8.657	70	971047	41.470	ng	98
20) 3+4-Methylphenols	8.616	107	1238167	39.944	ng	98
22) Acetophenone	8.669	105	1794602	39.840	ng	# 99
24) Nitrobenzene	9.045	77	1414113	40.197	ng	99
25) Isophorone	9.575	82	2445747	40.635	ng	99
26) 2-Nitrophenol	9.757	139	468784	39.105	ng	95
27) 2,4-Dimethylphenol	9.816	122	714999	39.346	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	1526369	40.374	ng	99
29) 2,4-Dichlorophenol	10.286	162	931608	40.351	ng	98
30) 1,2,4-Trichlorobenzene	10.510	180	1039982	39.325	ng	98
31) Naphthalene	10.698	128	3671741	39.680	ng	100
32) Benzoic acid	9.957	122	639811	37.431	ng	98
33) 4-Chloroaniline	10.798	127	1357054	40.562	ng	99
34) Hexachlorobutadiene	10.992	225	563700	38.483	ng	99
35) Caprolactam	11.575	113	330988	43.526	ng	99
36) 4-Chloro-3-methylphenol	11.922	107	1090907	41.231	ng	100
37) 2-Methylnaphthalene	12.304	142	2475867	40.201	ng	100
38) 1-Methylnaphthalene	12.522	142	2467751	40.320	ng	98
40) 1,2,4,5-Tetrachloroben...	12.674	216	1076240	39.334	ng	99
41) Hexachlorocyclopentadiene	12.663	237	341444	38.172	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	686103	40.025	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	779520	40.261	ng	99
46) 1,1'-Biphenyl	13.316	154	3142735	39.946	ng	100
47) 2-Chloronaphthalene	13.357	162	2430739	39.790	ng	100
48) 2-Nitroaniline	13.551	65	744520	41.494	ng	98
49) Acenaphthylene	14.204	152	3579429	40.604	ng	99
50) Dimethylphthalate	13.939	163	2754152	39.962	ng	100
51) 2,6-Dinitrotoluene	14.045	165	604541	41.552	ng	96
52) Acenaphthene	14.545	154	2507411	40.594	ng	98
53) 3-Nitroaniline	14.374	138	685657	42.399	ng	98
54) 2,4-Dinitrophenol	14.574	184	229497	36.995	ng	97
55) Dibenzofuran	14.880	168	3479384	40.086	ng	100
56) 4-Nitrophenol	14.674	139	562593	42.277	ng	98
57) 2,4-Dinitrotoluene	14.833	165	827965	42.670	ng	99
58) Fluorene	15.521	166	3265674	41.789	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	609295	40.362	ng	99
60) Diethylphthalate	15.304	149	3010648	41.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	1468624	41.102	ng	99
62) 4-Nitroaniline	15.533	138	850755	44.755	ng	100
63) Azobenzene	15.810	77	3372126	41.753	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	325945	35.256	ng	97
66) n-Nitrosodiphenylamine	15.733	169	2399617	40.470	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	753760	40.024	ng	99
68) Hexachlorobenzene	16.527	284	839063	39.328	ng	99
69) Atrazine	16.680	200	667580	40.736	ng	99
70) Pentachlorophenol	16.862	266	526090	42.539	ng	100
71) Phenanthrene	17.257	178	4337018	40.604	ng	100
72) Anthracene	17.345	178	4239587	41.313	ng	100
73) Carbazole	17.609	167	4241425	41.705	ng	100
74) Di-n-butylphthalate	18.186	149	5213752	42.846	ng	100
75) Fluoranthene	19.262	202	4981453	42.745	ng	99
77) Benzidine	19.445	184	1456310	58.267	ng	98
78) Pyrene	19.627	202	5293066	40.890	ng	100
80) Butylbenzylphthalate	20.521	149	2019210	40.521	ng	96
81) Benzo(a)anthracene	21.421	228	4702559	40.654	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1373888	44.650	ng	100
83) Chrysene	21.486	228	4430374	40.493	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3302911	42.311	ng	99
85) Di-n-octyl phthalate	22.503	149	4665412	42.252	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	3541214	39.637	ng	100
88) Benzo(b)fluoranthene	23.515	252	4056932	42.001	ng	99
89) Benzo(k)fluoranthene	23.574	252	3953235	41.296	ng	99
90) Benzo(a)pyrene	24.327	252	3260773	41.189	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	2953963	39.299	ng	99
92) Benzo(g,h,i)perylene	28.962	276	2871861	39.113	ng	99

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

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Manual Integrations

APPROVED

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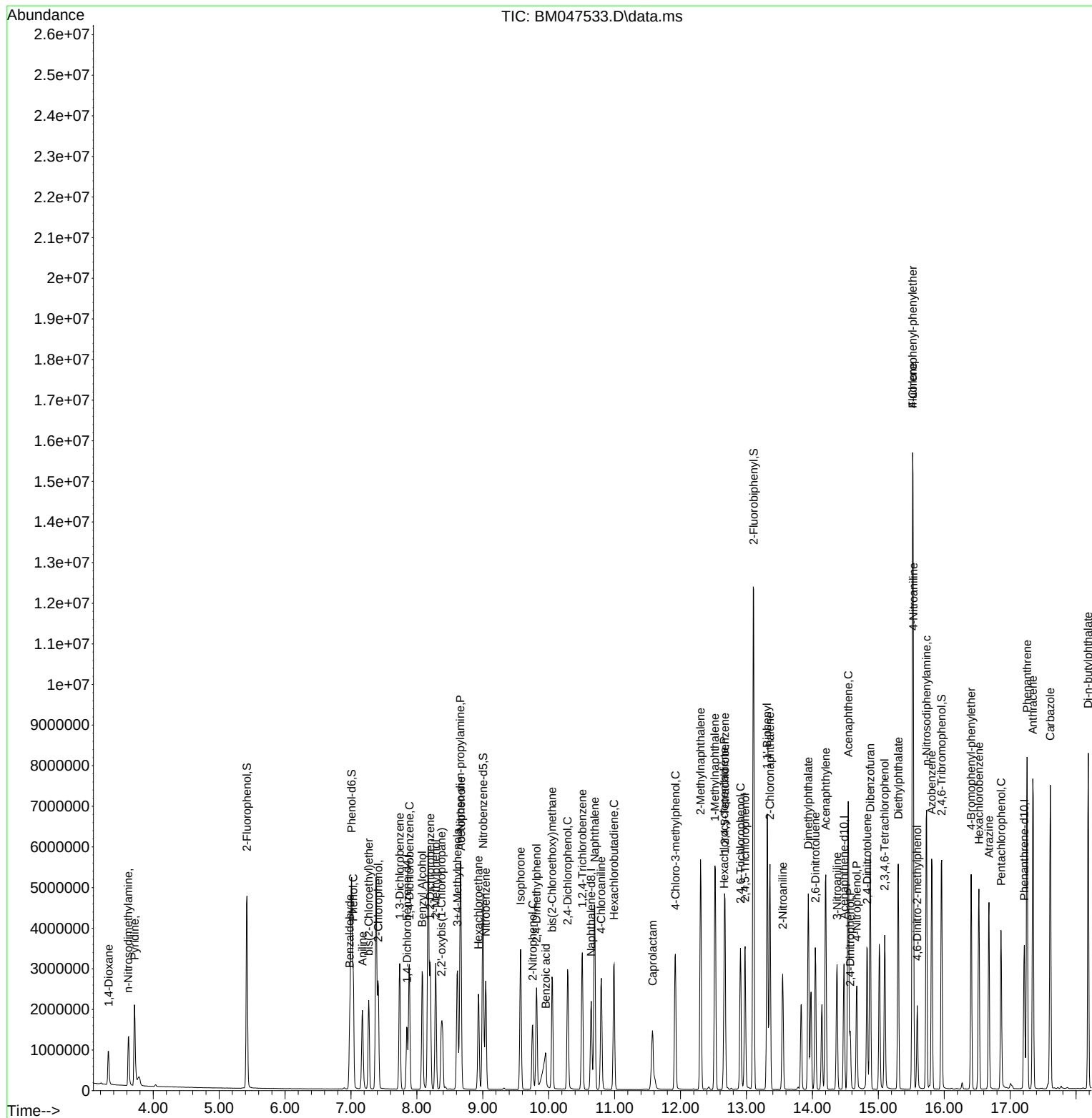
Quant Time: Sep 16 11:33:47 2024

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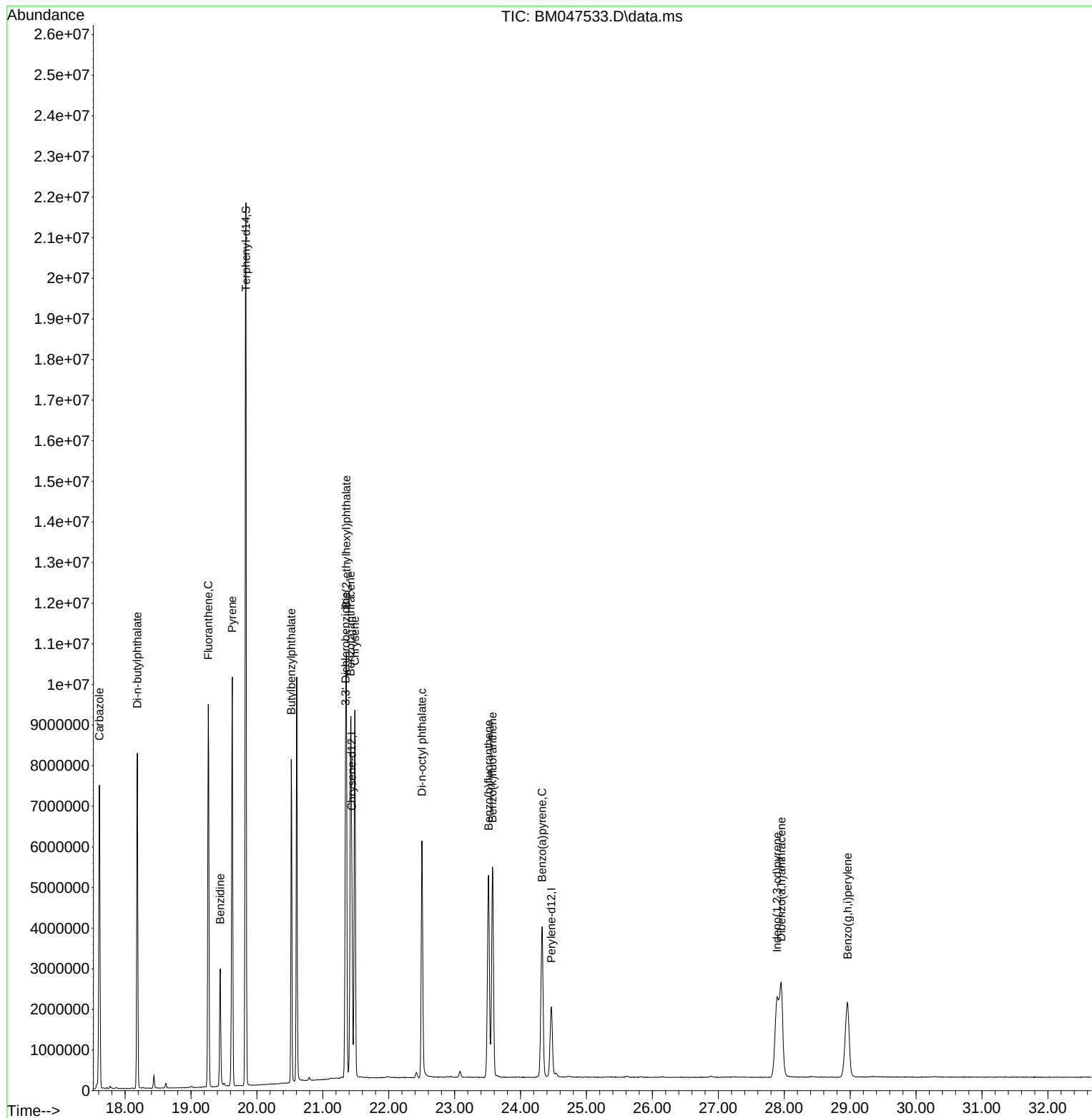
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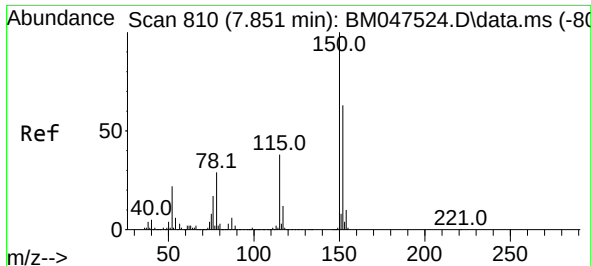
Instrument :
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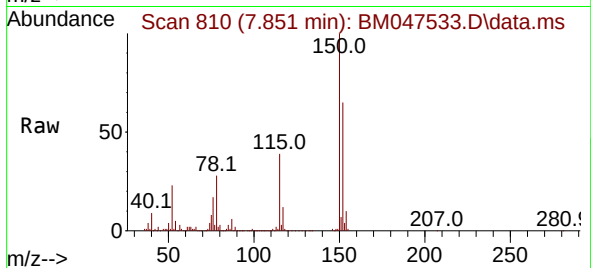
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047533.D
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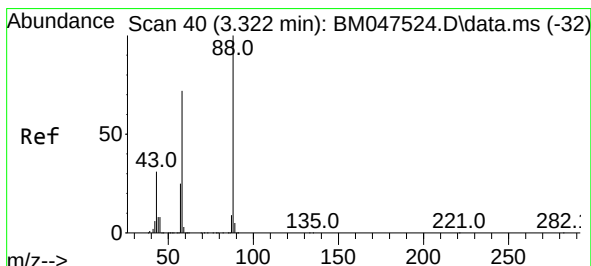
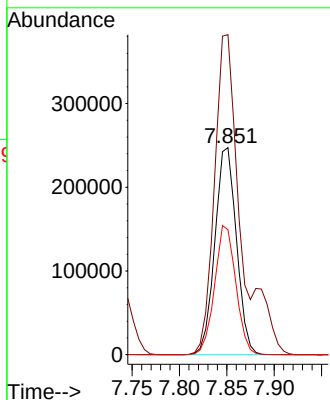
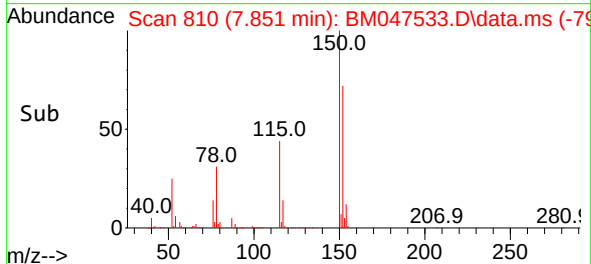
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 152 Resp: 39265
Ion Ratio Lower Upper
152 100
150 154.5 126.8 190.2
115 60.4 47.8 71.8

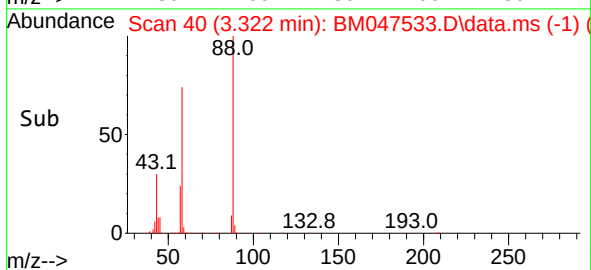
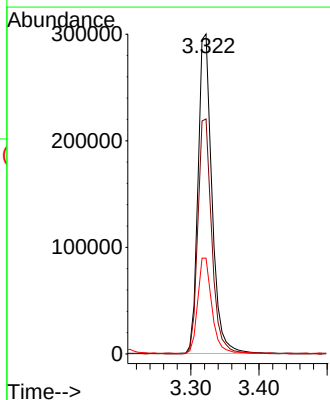
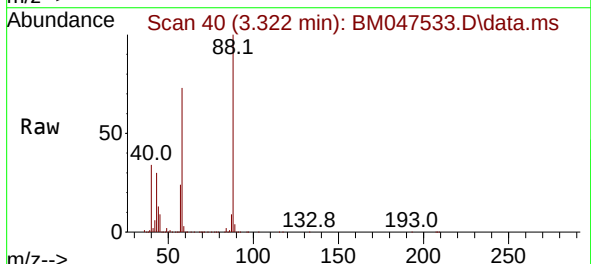
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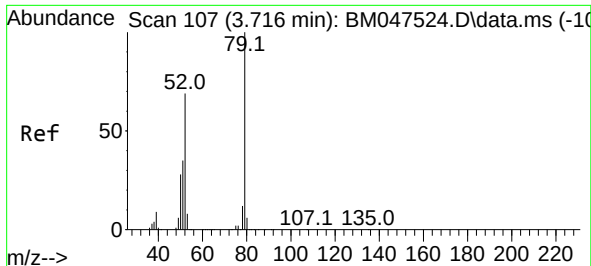
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#2
1,4-Dioxane
Concen: 40.292 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

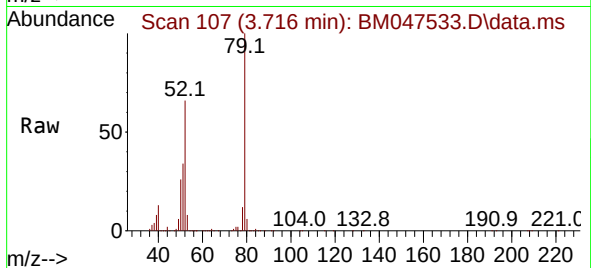
Tgt Ion: 88 Resp: 425598
Ion Ratio Lower Upper
88 100
58 73.9 59.0 88.6
43 30.4 25.0 37.4





#3
Pyridine
Concen: 40.479 ng m
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

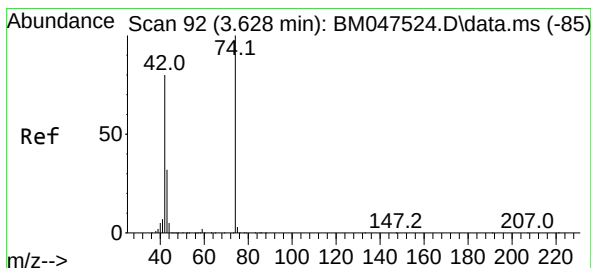
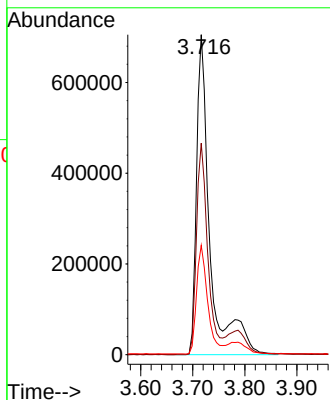
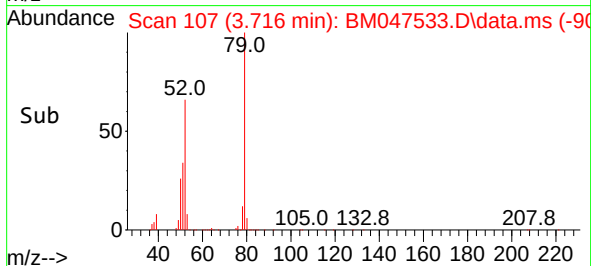
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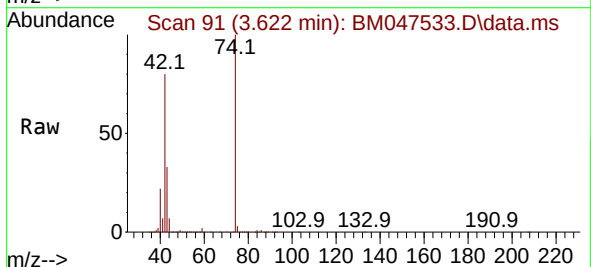
Tgt Ion: 79 Resp: 127271
Ion Ratio Lower Upper
79 100
52 66.1 55.4 83.0
51 34.1 27.9 41.9

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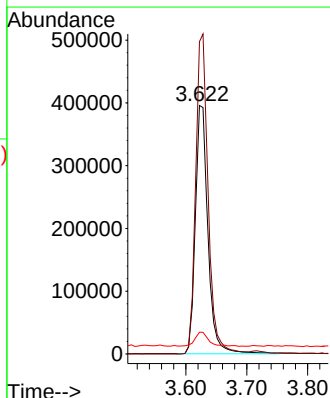
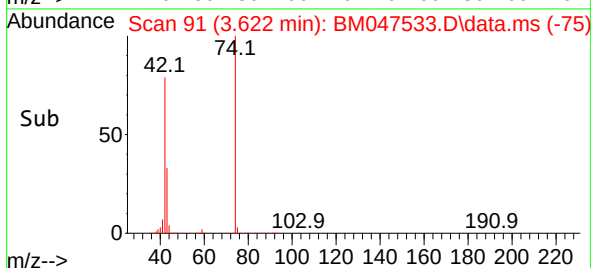
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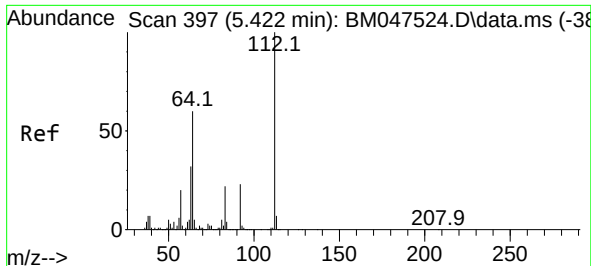


#4
n-Nitrosodimethylamine
Concen: 39.718 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047533.D
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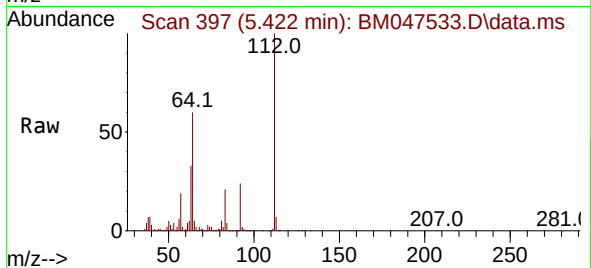
Tgt Ion: 42 Resp: 566596
Ion Ratio Lower Upper
42 100
74 125.7 100.5 150.7
44 8.8 6.9 10.3





#5
2-Fluorophenol
Concen: 79.754 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

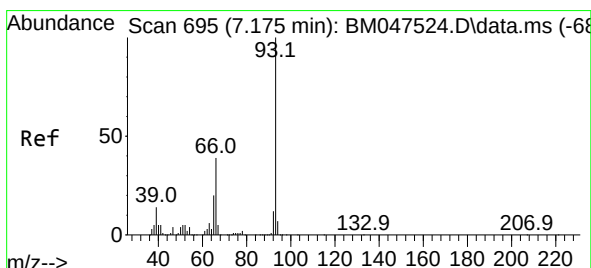
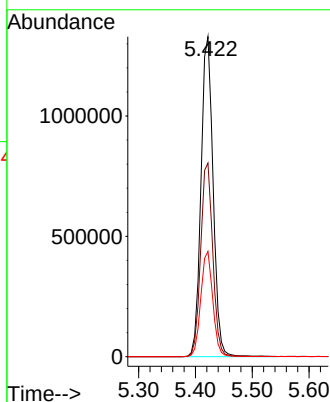
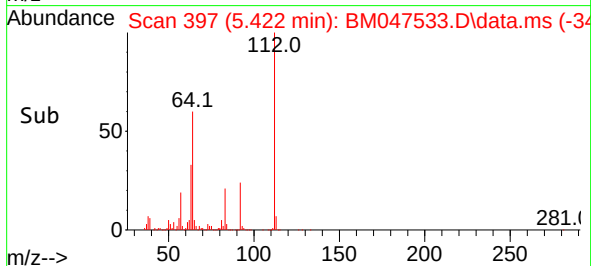
Instrument :
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Tgt Ion:112 Resp: 1966825
Ion Ratio Lower Upper
112 100
64 60.5 48.2 72.4
63 32.9 26.0 39.0

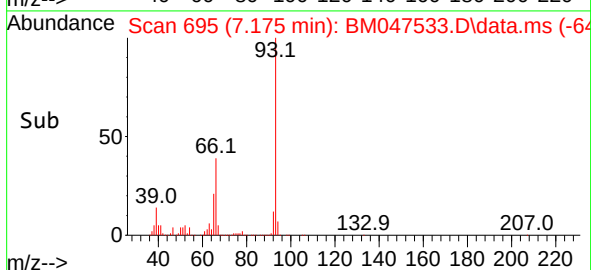
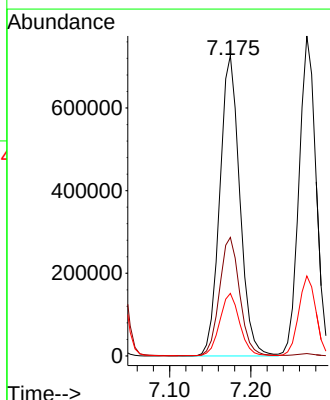
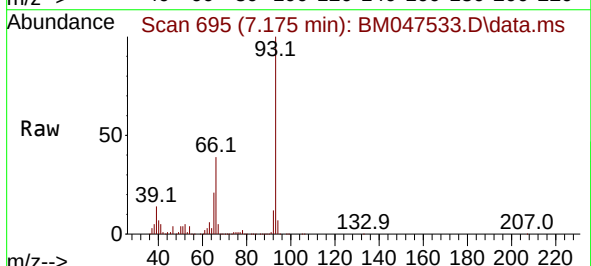
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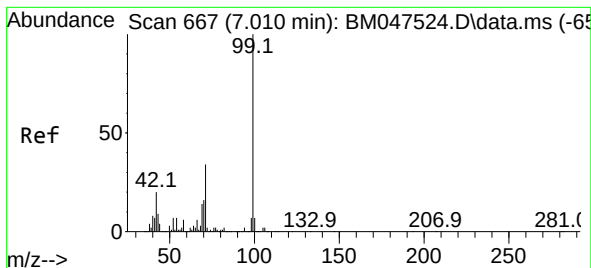
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#6
Aniline
Concen: 40.518 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047533.D
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Tgt Ion: 93 Resp: 1247553
Ion Ratio Lower Upper
93 100
66 39.4 31.4 47.0
65 20.8 16.3 24.5





#7

Phenol-d6

Concen: 81.134 ng

RT: 7.010 min Scan# 667

Delta R.T. 0.000 min

Lab File: BM047533.D

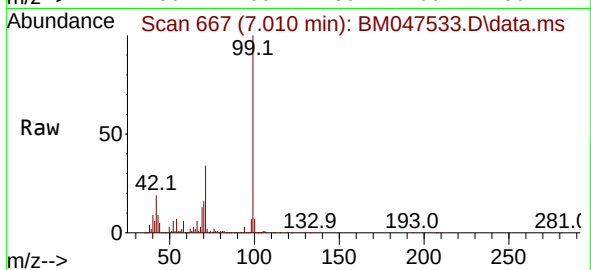
Acq: 16 Sep 2024 10:16

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Tgt Ion: 99 Resp: 2817750

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.8

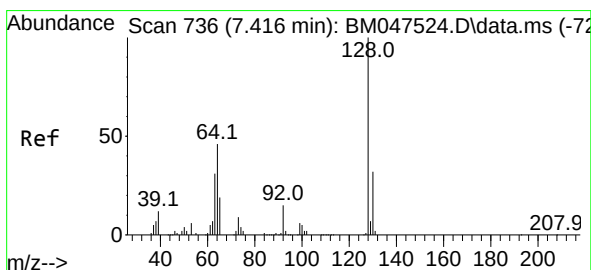
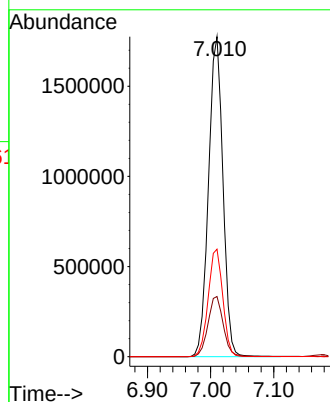
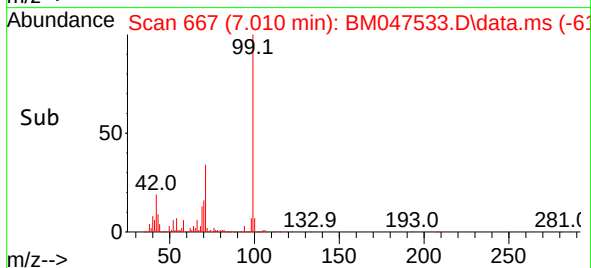
71 33.6 27.6 41.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.781 ng

RT: 7.416 min Scan# 736

Delta R.T. 0.000 min

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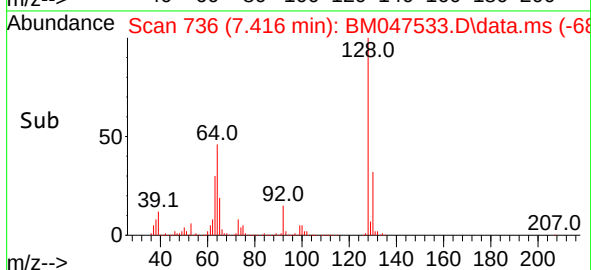
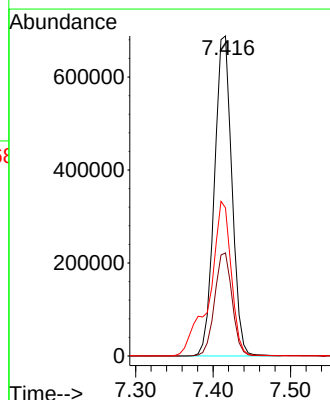
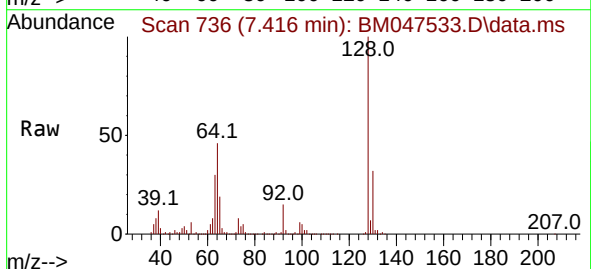
Tgt Ion:128 Resp: 1081491

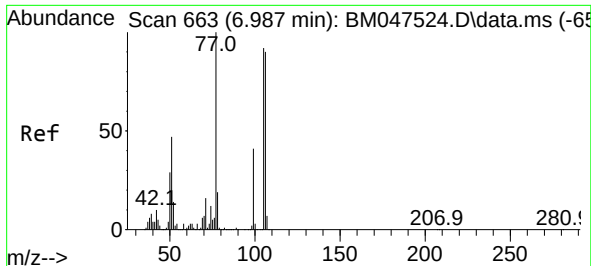
Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

64 46.3 27.6 67.6





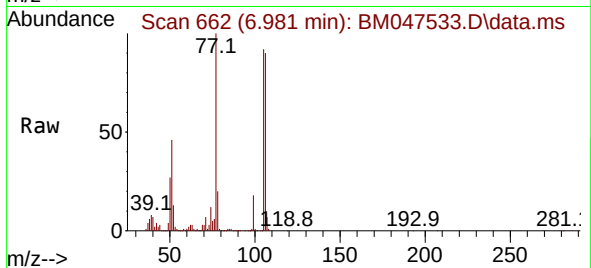
#9
Benzaldehyde
Concen: 37.547 ng
RT: 6.981 min Scan# 609
Delta R.T. -0.006 min
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SSTDCCC040



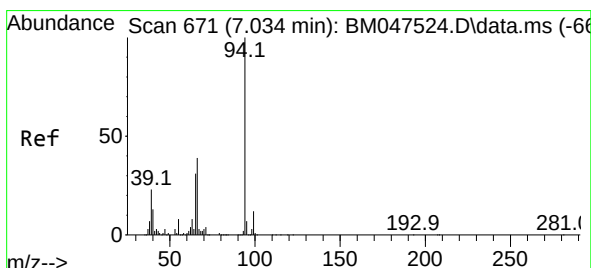
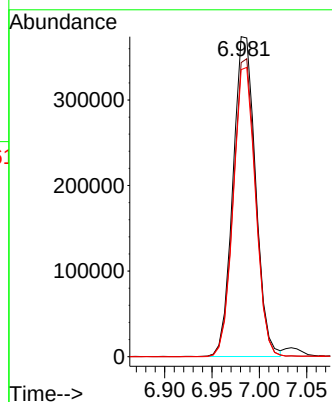
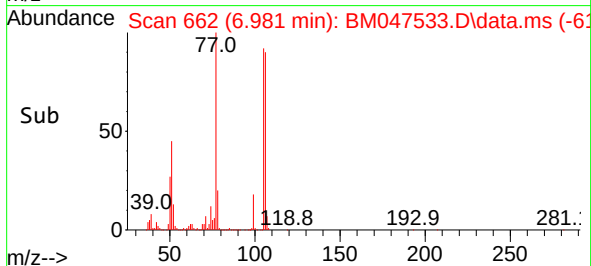
Tgt Ion: 77 Resp: 62003
Ion Ratio Lower Upper
77 100
105 91.9 71.8 111.8
106 89.7 69.7 109.7

Manual Integrations

APPROVED

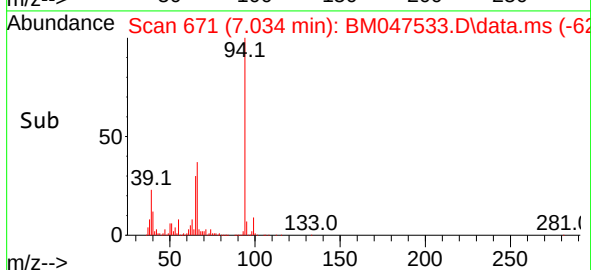
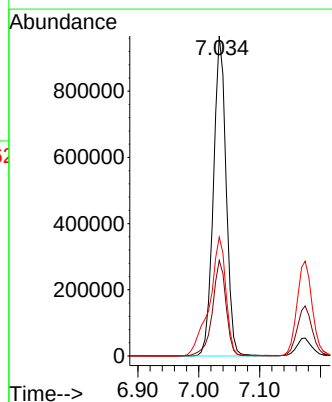
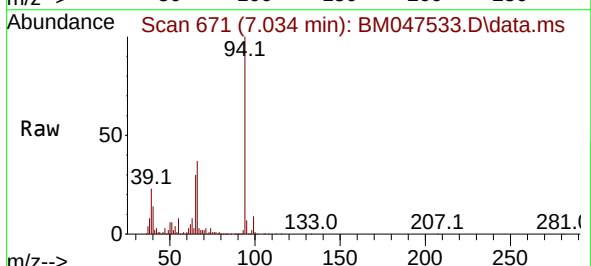
Reviewed By :Yogesh Patel 09/17/2024

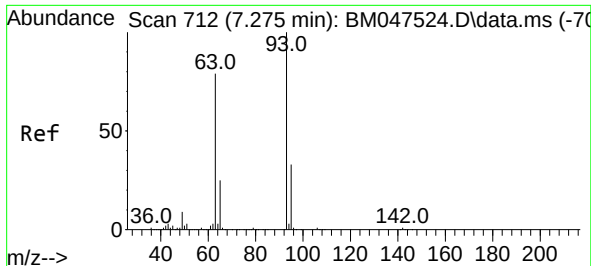
Supervised By :mohammad ahmed 09/17/2024



#10
Phenol
Concen: 40.304 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion: 94 Resp: 1401549
Ion Ratio Lower Upper
94 100
65 29.9 10.8 50.8
66 37.2 19.2 59.2





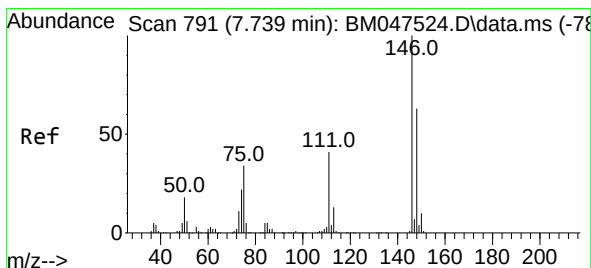
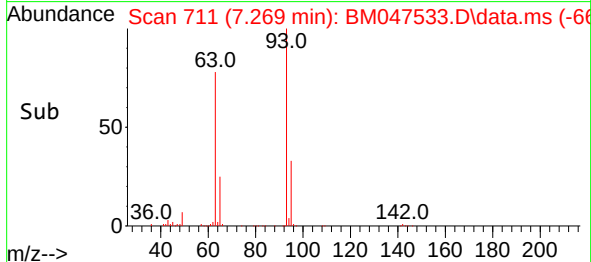
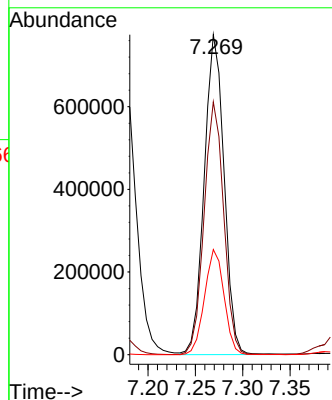
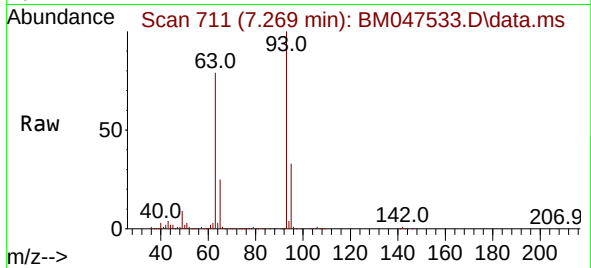
#11
bis(2-Chloroethyl)ether
Concen: 40.460 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 112956
Ion Ratio Lower Upper
93 100
63 79.0 58.2 98.2
95 32.8 12.8 52.8

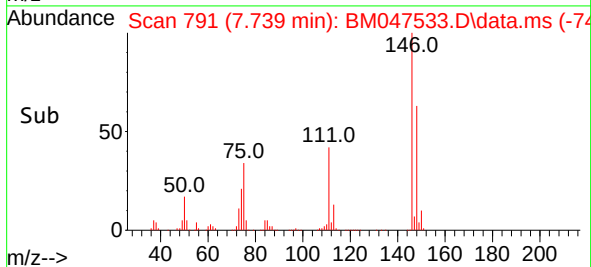
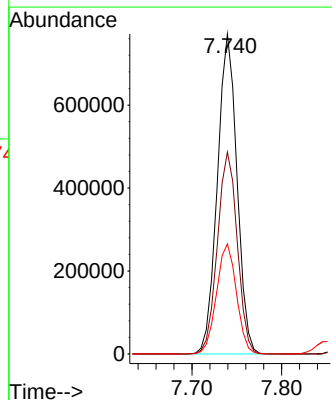
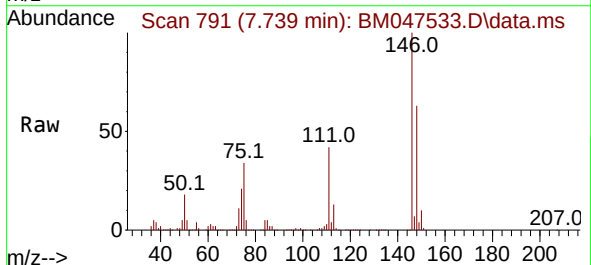
Manual Integrations
APPROVED

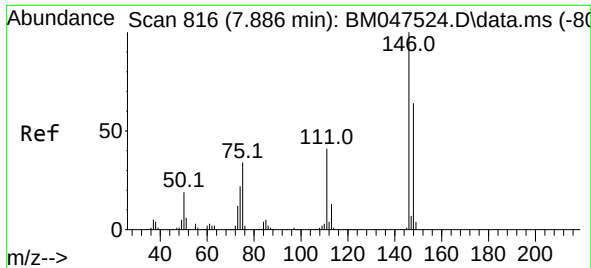
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#12
1,3-Dichlorobenzene
Concen: 39.313 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

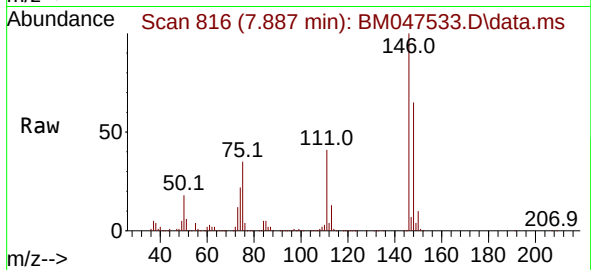
Tgt Ion:146 Resp: 1169839
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.4
75 34.4 27.4 41.0





#13
1,4-Dichlorobenzene
Concen: 39.231 ng
RT: 7.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

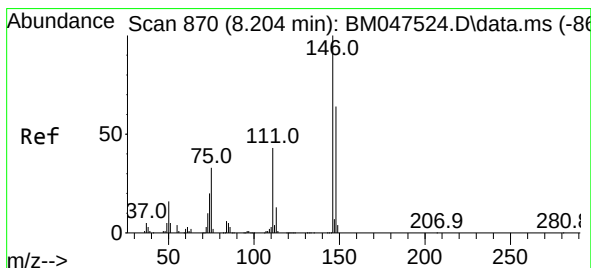
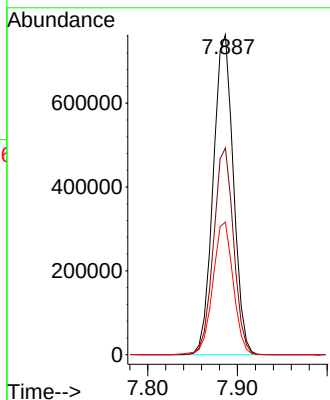
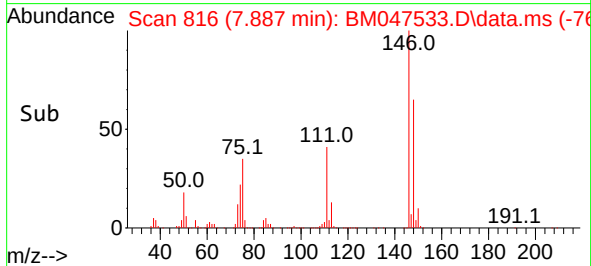
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



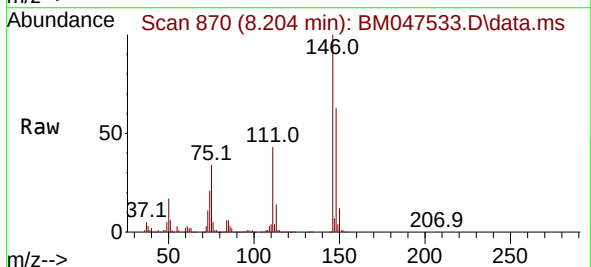
Tgt Ion:146 Resp: 1189020
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
111 41.5 32.9 49.3

Manual Integrations
APPROVED

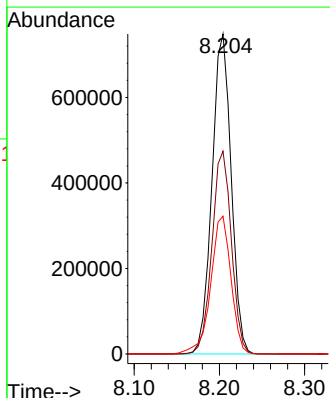
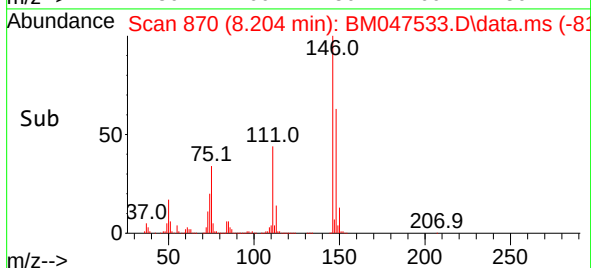
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

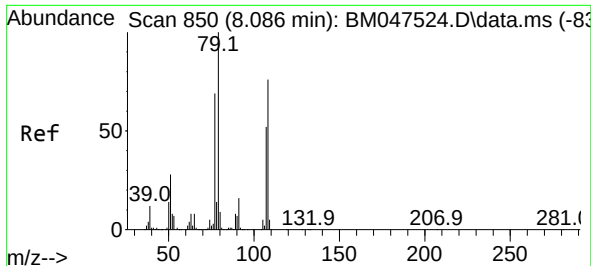


#14
1,2-Dichlorobenzene
Concen: 39.346 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



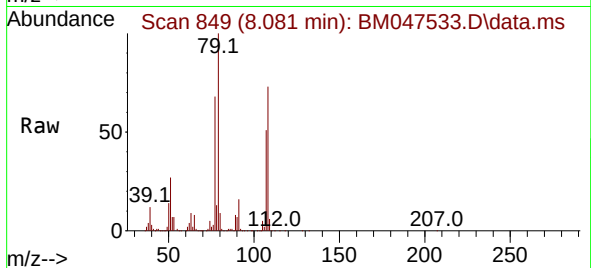
Tgt Ion:146 Resp: 1173597
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
111 43.0 34.7 52.1





#15
Benzyl Alcohol
Concen: 40.082 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

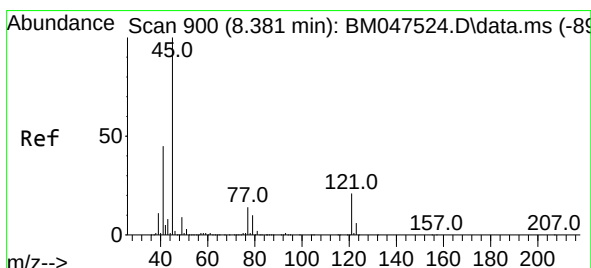
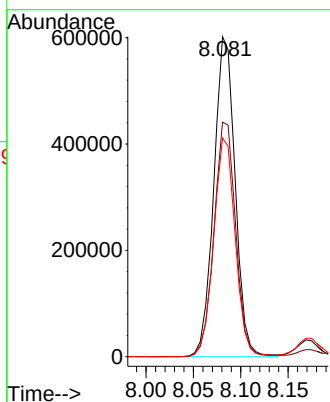
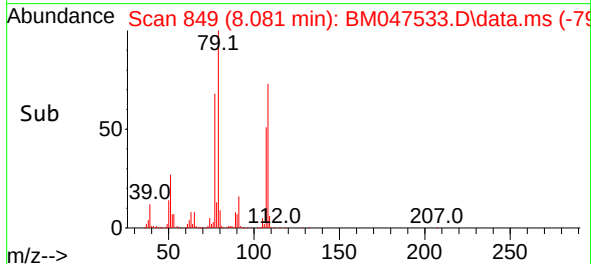
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 942934
Ion Ratio Lower Upper
79 100
108 73.3 60.6 91.0
77 68.4 55.0 82.4

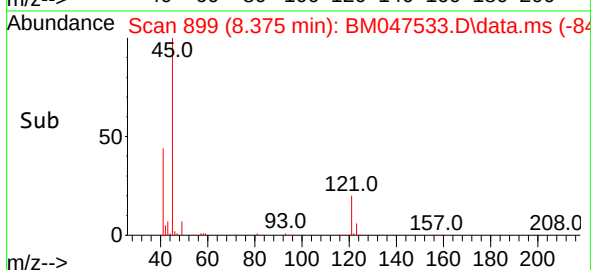
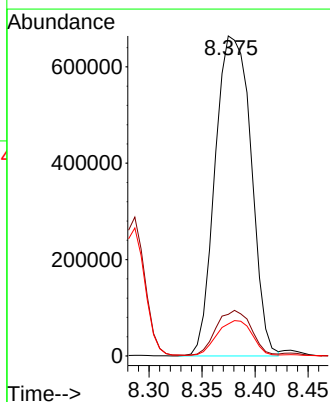
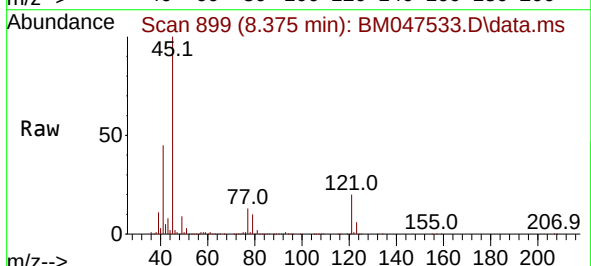
Manual Integrations
APPROVED

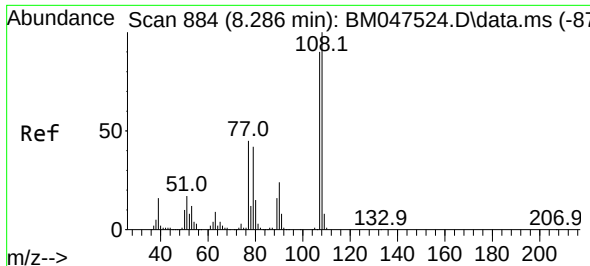
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.838 ng m
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion: 45 Resp: 1564489
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.7
79 10.0 0.0 30.3





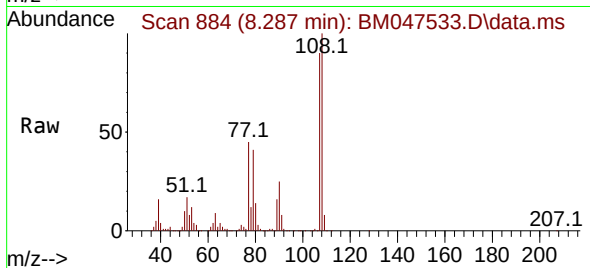
#17
2-Methylphenol
Concen: 40.301 ng
RT: 8.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



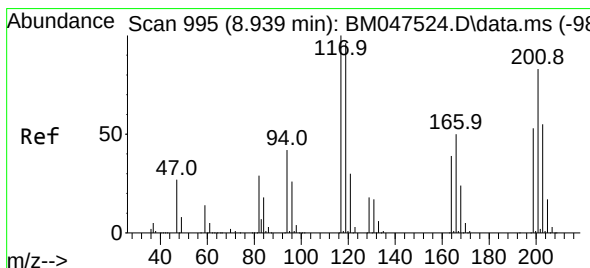
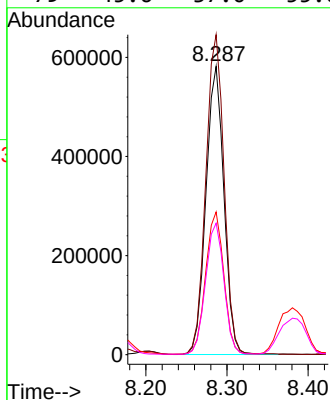
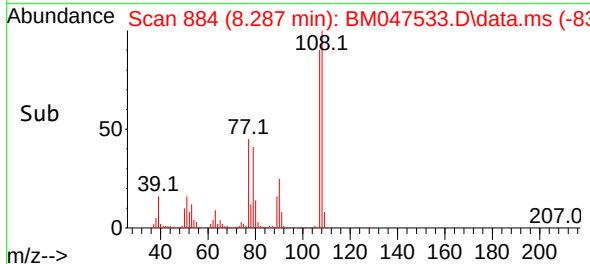
Tgt Ion:107 Resp: 895293
Ion Ratio Lower Upper
107 100
108 111.0 88.9 133.3
77 49.5 39.8 59.8
79 45.6 37.0 55.6

Manual Integrations

APPROVED

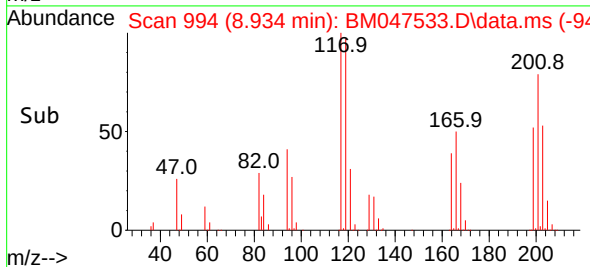
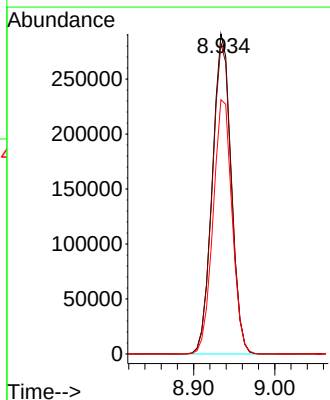
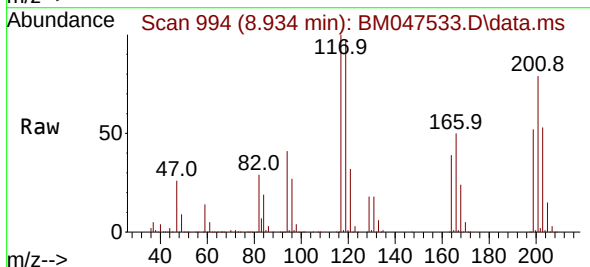
Reviewed By :Yogesh Patel 09/17/2024

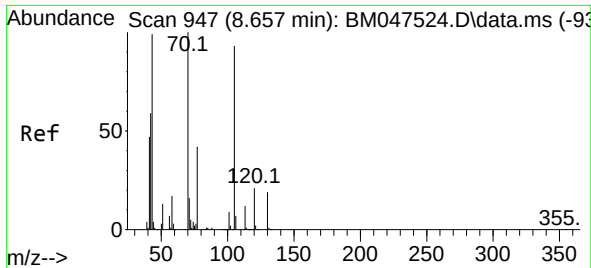
Supervised By :mohammad ahmed 09/17/2024



#18
Hexachloroethane
Concen: 38.895 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

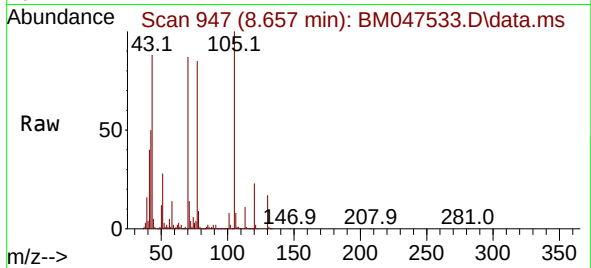
Tgt Ion:117 Resp: 470922
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.4
201 79.4 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.470 ng
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

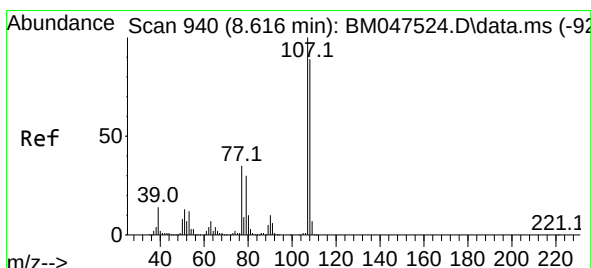
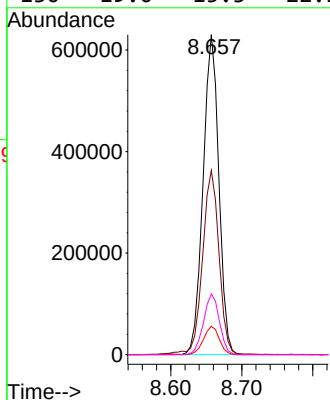
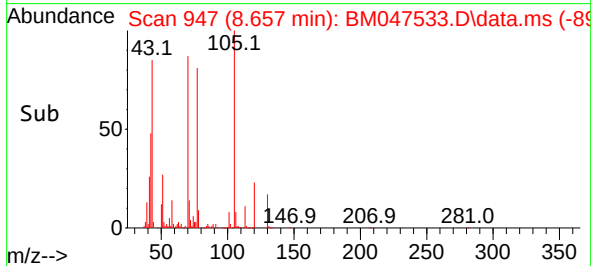
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



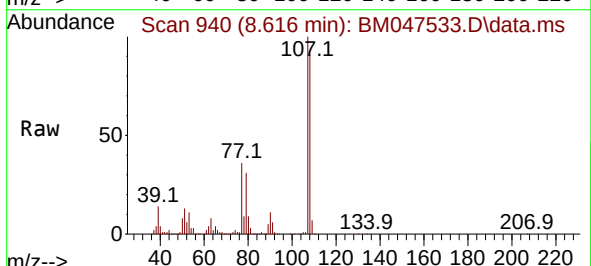
Tgt Ion:	70	Resp:	97104
Ion Ratio	100	Lower	Upper
70	100		
42	57.5	48.2	72.2
101	8.9	7.0	10.4
130	19.0	15.3	22.9

Manual Integrations
APPROVED

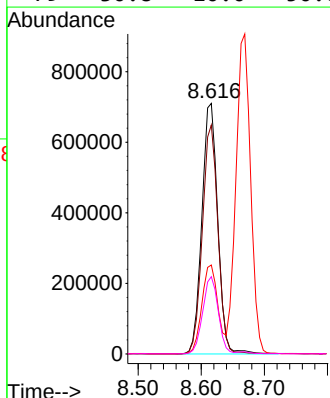
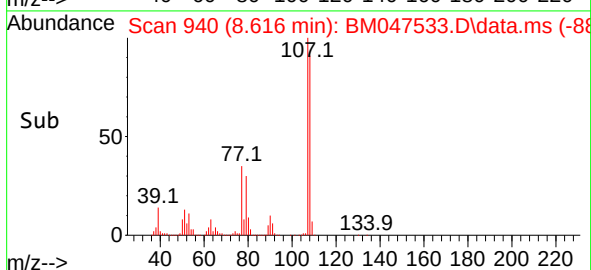
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

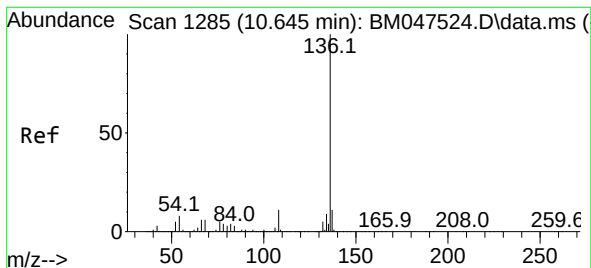


#20
3+4-Methylphenols
Concen: 39.944 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



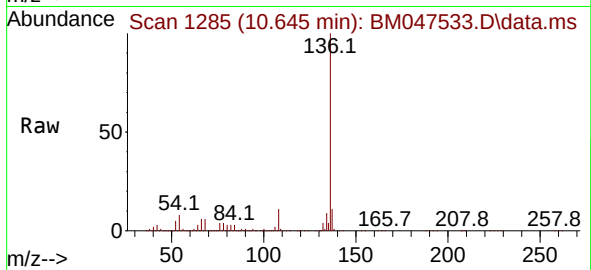
Tgt Ion:	107	Resp:	1238167
Ion Ratio	100	Lower	Upper
107	100		
108	91.4	68.9	108.9
77	35.5	15.5	55.5
79	30.8	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

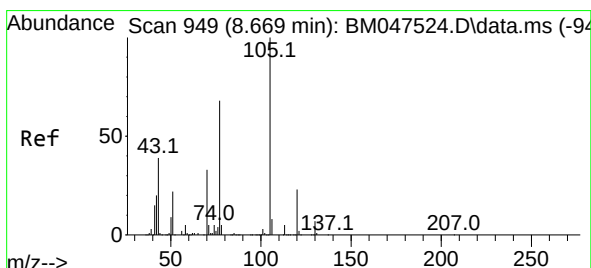
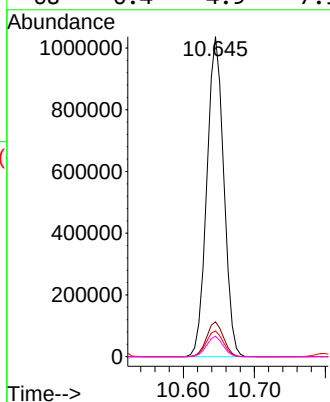
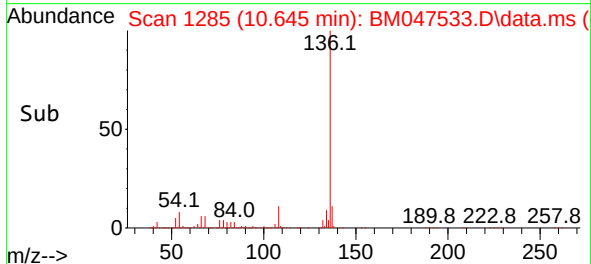
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 171335
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.1 6.6 9.8
68 6.4 4.9 7.3

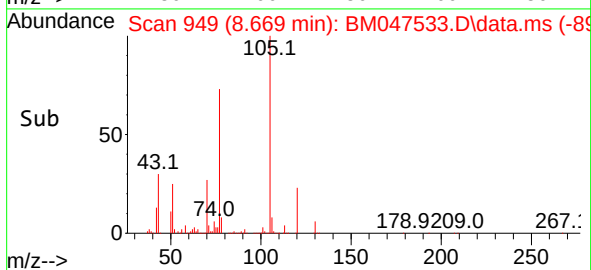
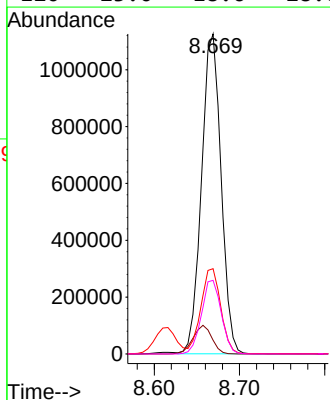
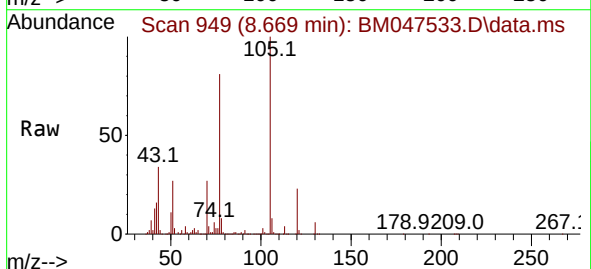
Manual Integrations
APPROVED

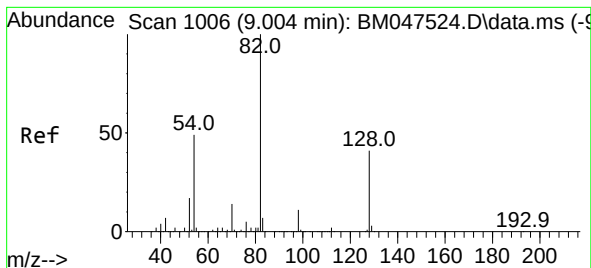
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#22
Acetophenone
Concen: 39.840 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion:105 Resp: 1794602
Ion Ratio Lower Upper
105 100
71 4.3 4.3 6.5#
51 26.7 21.5 32.3
120 23.0 18.6 28.0





#23

Nitrobenzene-d5

Concen: 81.114 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 2776970

Ion Ratio Lower Upper

82 100

128 41.5 33.0 49.4

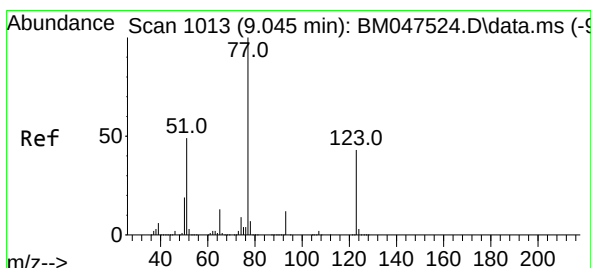
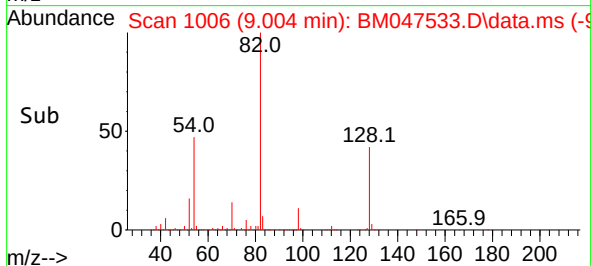
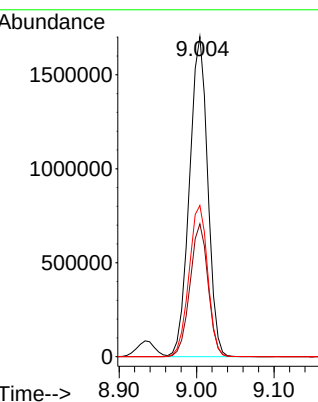
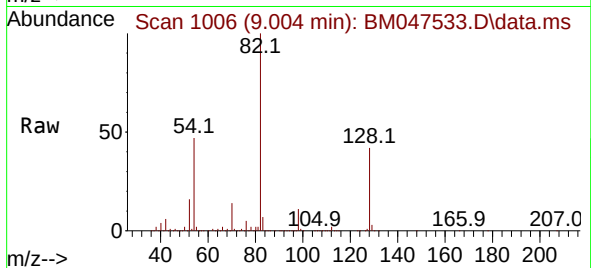
54 47.3 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#24

Nitrobenzene

Concen: 40.197 ng

RT: 9.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

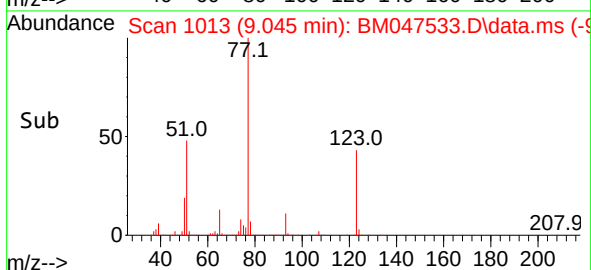
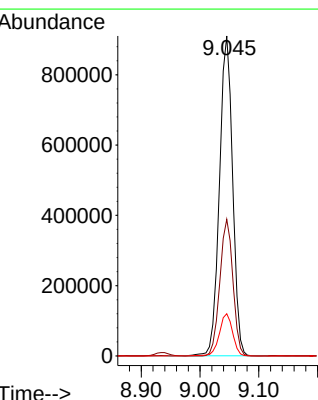
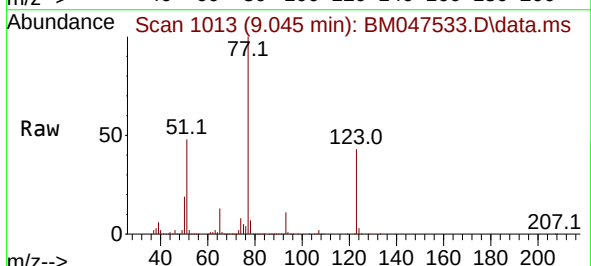
Tgt Ion: 77 Resp: 1414113

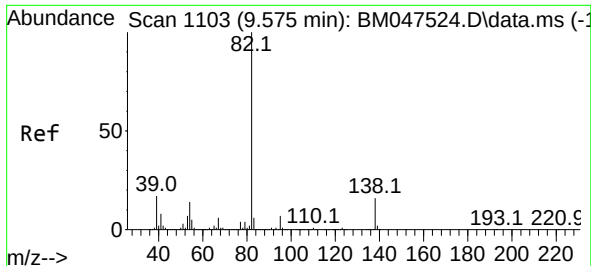
Ion Ratio Lower Upper

77 100

123 42.7 34.5 51.7

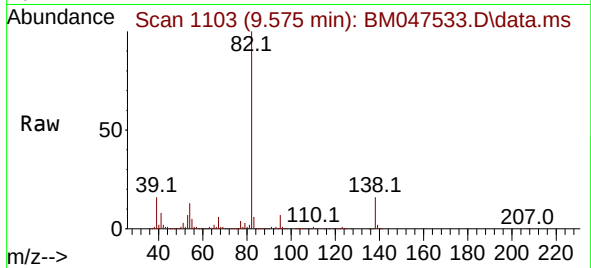
65 13.2 10.7 16.1





#25
Isophorone
Concen: 40.635 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

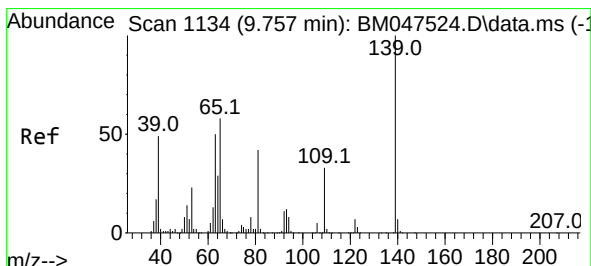
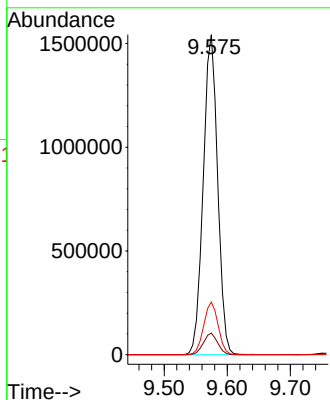
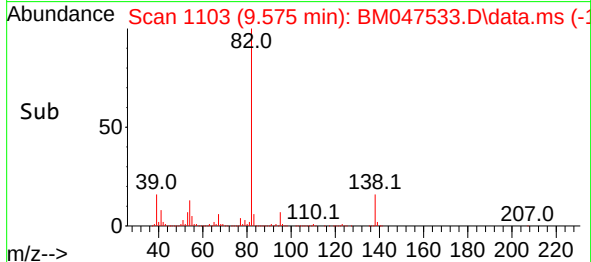
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 244574
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.4 12.9 19.3

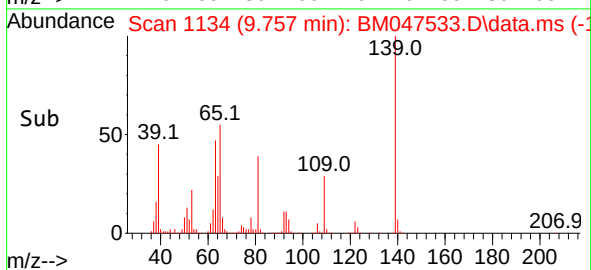
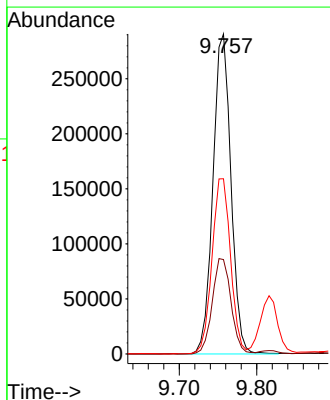
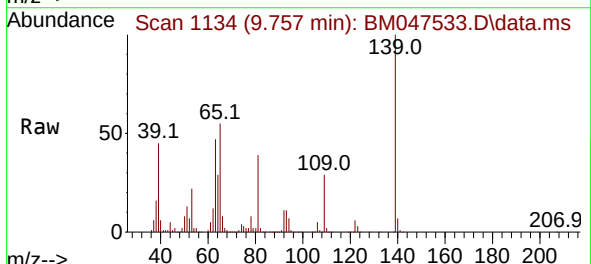
Manual Integrations
APPROVED

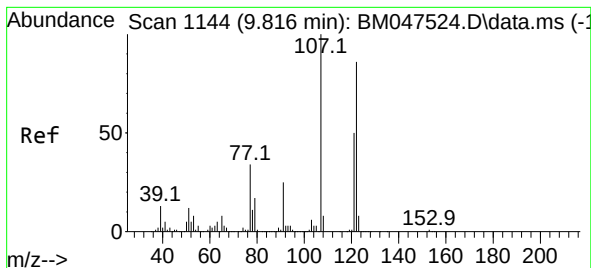
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#26
2-Nitrophenol
Concen: 39.105 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion:139 Resp: 468784
Ion Ratio Lower Upper
139 100
109 29.5 26.0 39.0
65 54.7 46.2 69.4





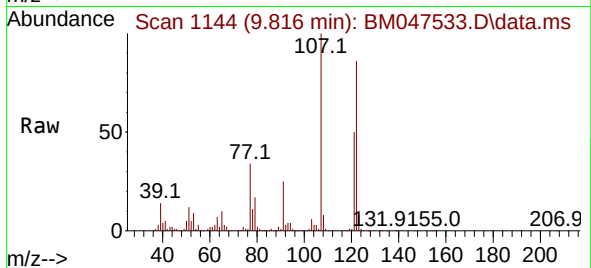
#27
2,4-Dimethylphenol
Concen: 39.346 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



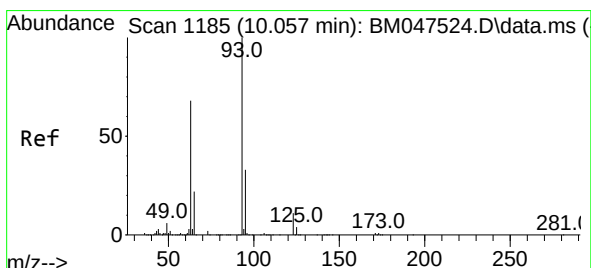
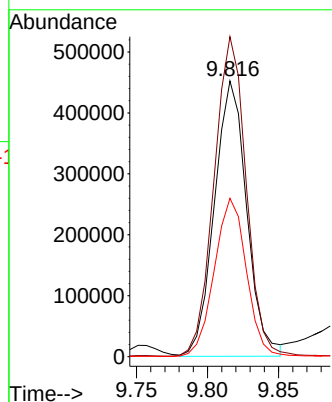
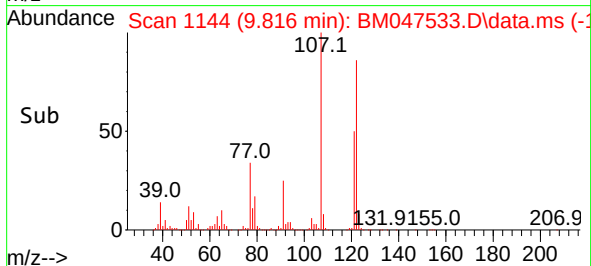
Tgt Ion:122 Resp: 714999
Ion Ratio Lower Upper
122 100
107 116.1 92.4 138.6
121 57.5 46.2 69.4

Manual Integrations

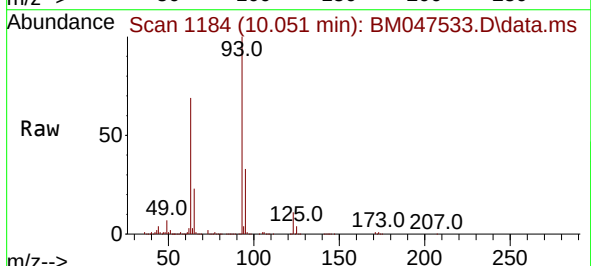
APPROVED

Reviewed By :Yogesh Patel 09/17/2024

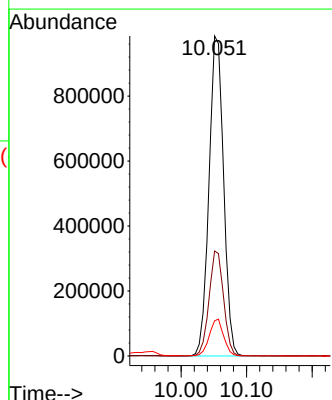
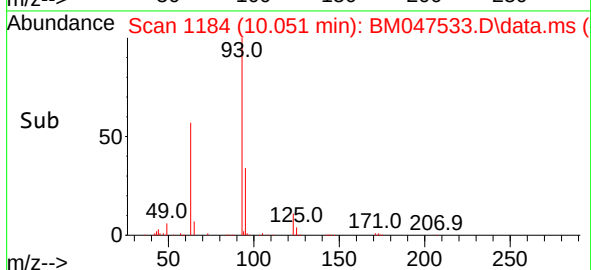
Supervised By :mohammad ahmed 09/17/2024

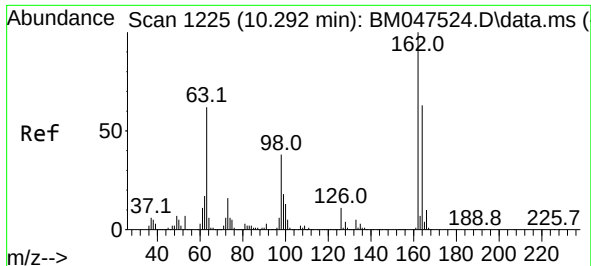


#28
bis(2-Chloroethoxy)methane
Concen: 40.374 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion: 93 Resp: 1526369
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.351 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 931608

Ion Ratio Lower Upper

162 100

164 62.6 43.5 83.5

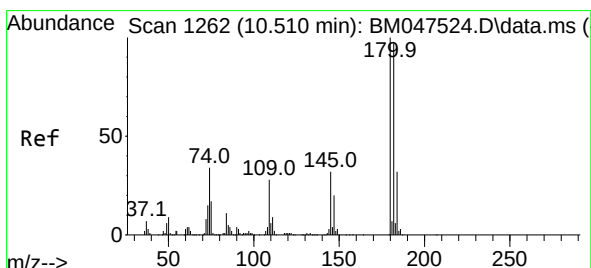
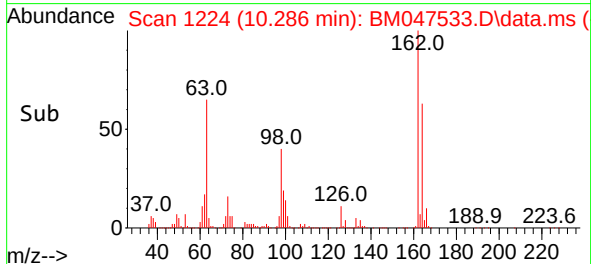
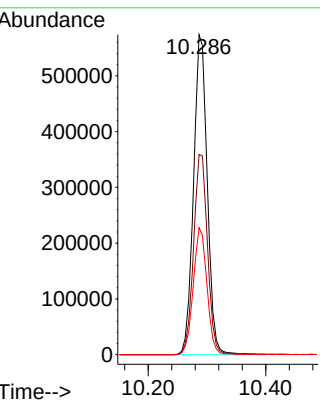
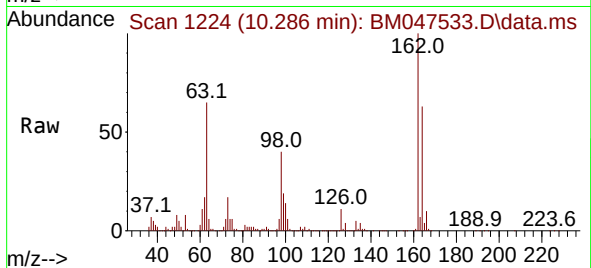
98 39.7 17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.325 ng

RT: 10.510 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

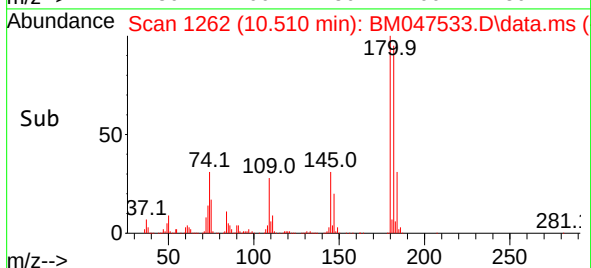
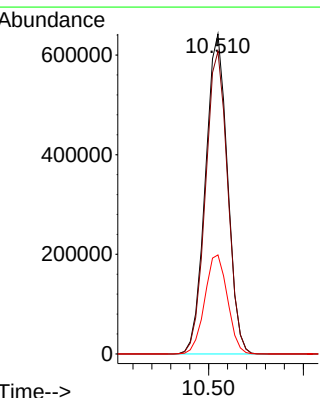
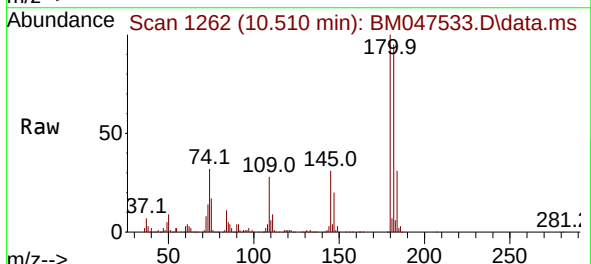
Tgt Ion:180 Resp: 1039982

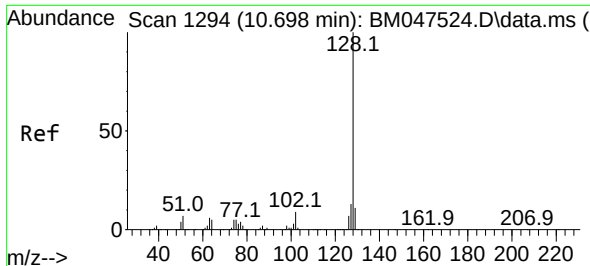
Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

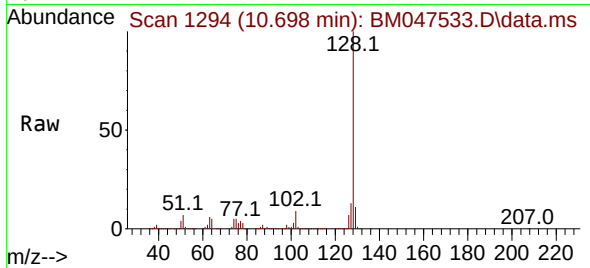
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 39.680 ng
RT: 10.698 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

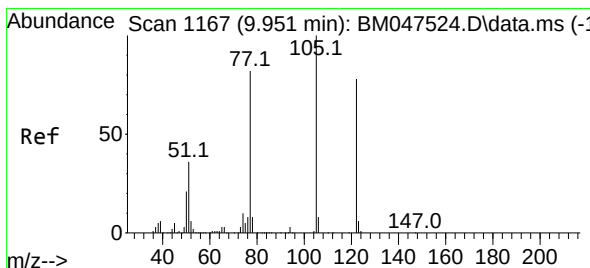
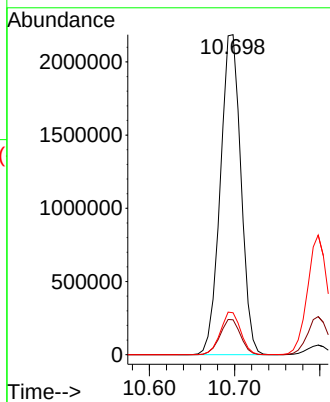
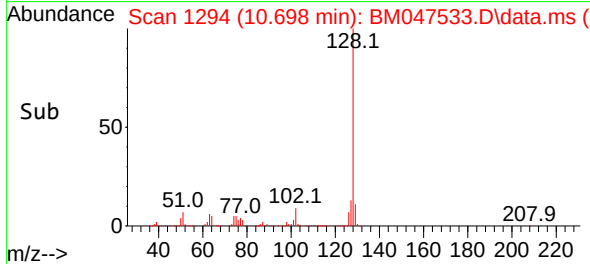
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 367174
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7

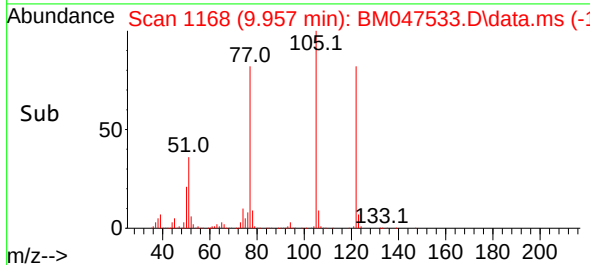
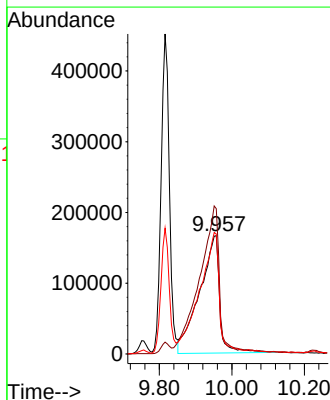
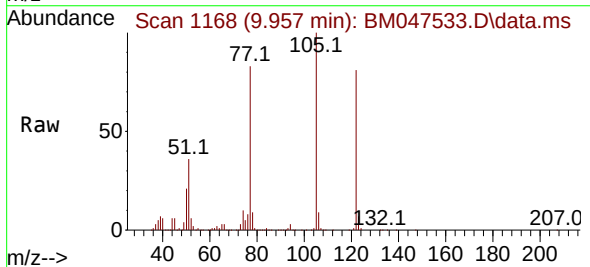
Manual Integrations
APPROVED

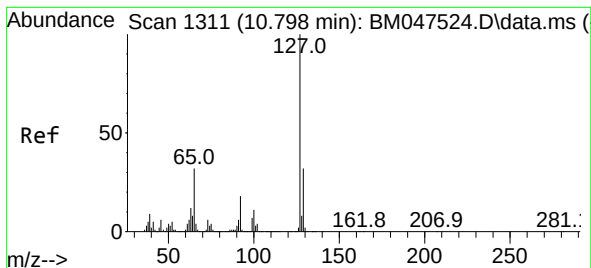
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#32
Benzoic acid
Concen: 37.431 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion:122 Resp: 639811
Ion Ratio Lower Upper
122 100
105 122.9 104.7 144.7
77 101.4 83.4 123.4





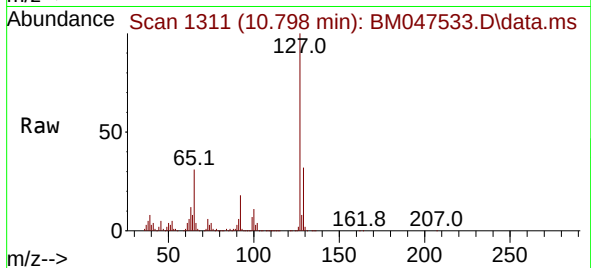
#33
4-Chloroaniline
Concen: 40.562 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



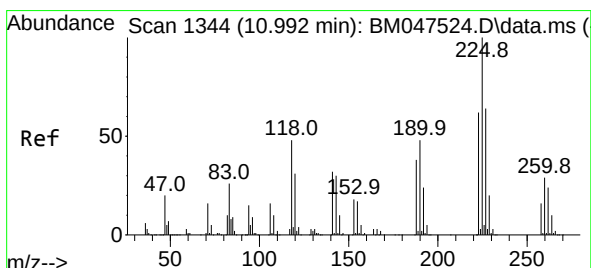
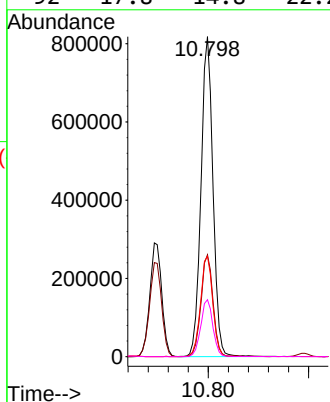
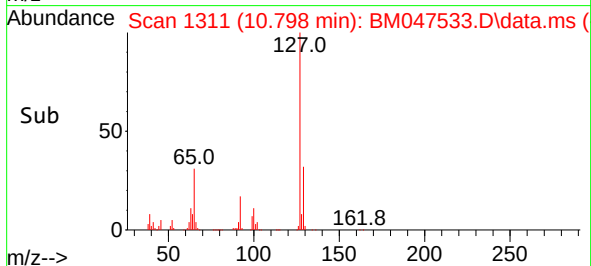
Tgt Ion:127 Resp: 1357054
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.0
65 31.4 25.5 38.3
92 17.8 14.8 22.2

Manual Integrations

APPROVED

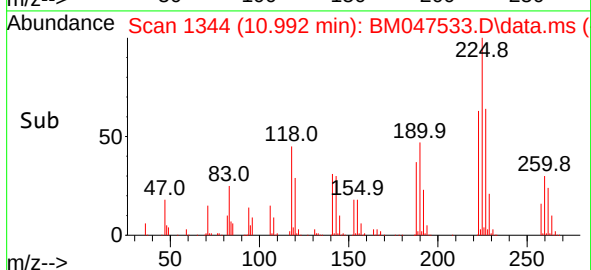
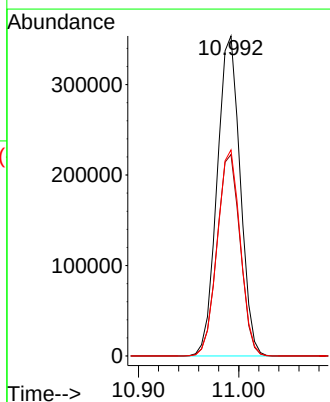
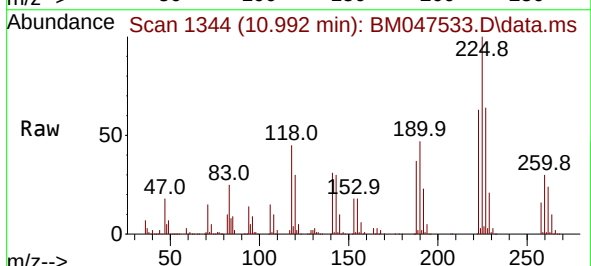
Reviewed By :Yogesh Patel 09/17/2024

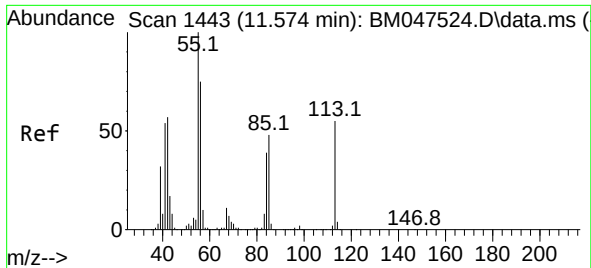
Supervised By :mohammad ahmed 09/17/2024



#34
Hexachlorobutadiene
Concen: 38.483 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

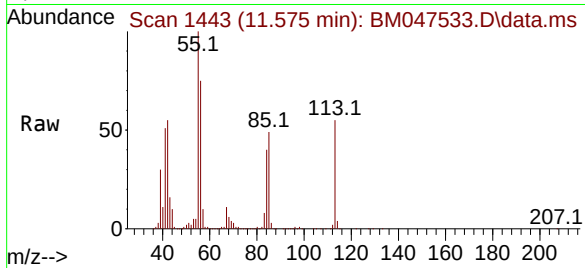
Tgt Ion:225 Resp: 563700
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.6
227 64.4 51.0 76.4





#35
Caprolactam
Concen: 43.526 ng
RT: 11.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

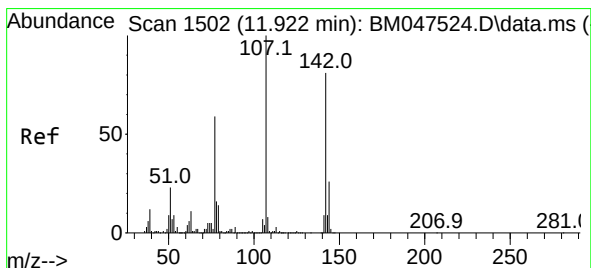
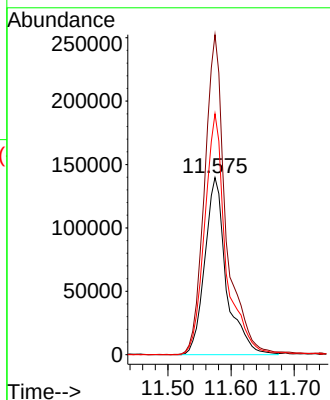
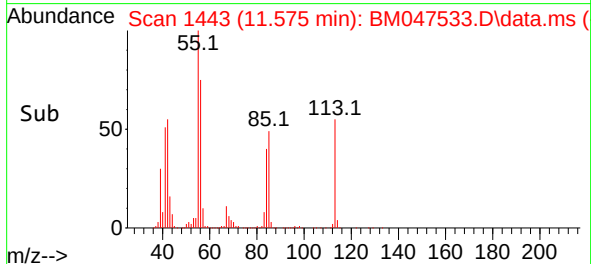
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



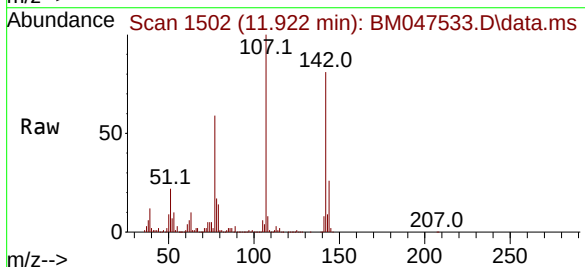
Tgt Ion:113 Resp: 330988
Ion Ratio Lower Upper
113 100
55 180.6 162.5 202.5
56 136.0 116.5 156.5

Manual Integrations
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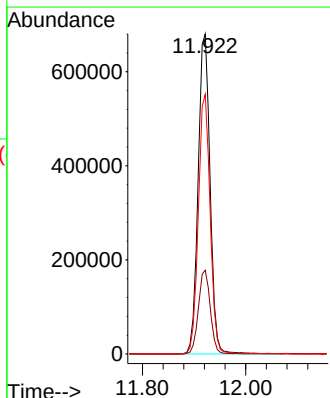
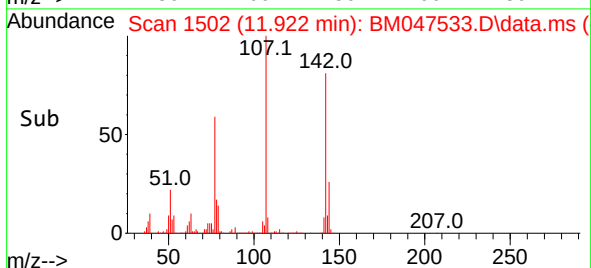
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

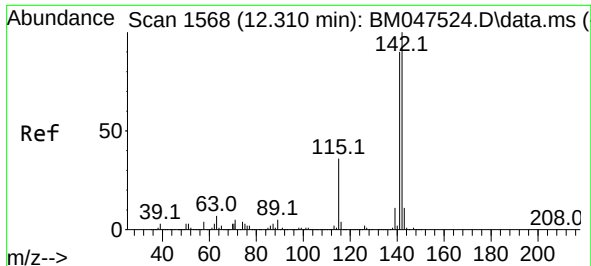


#36
4-Chloro-3-methylphenol
Concen: 41.231 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion:107 Resp: 1090907
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 81.2 65.0 97.4





#37

2-Methylnaphthalene

Concen: 40.201 ng

RT: 12.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 247586

Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.4

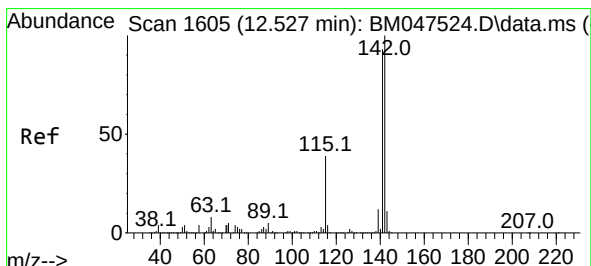
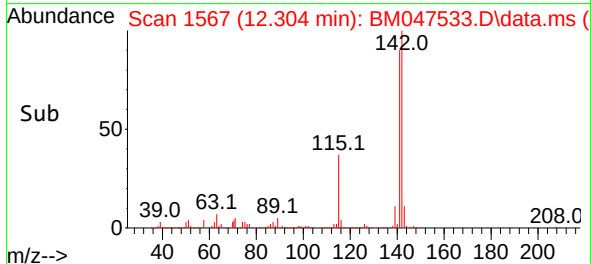
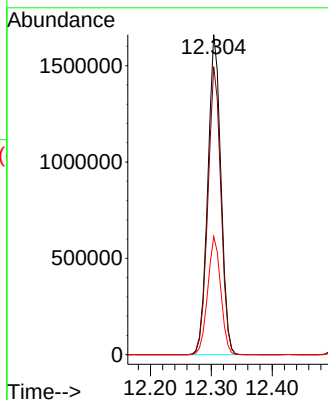
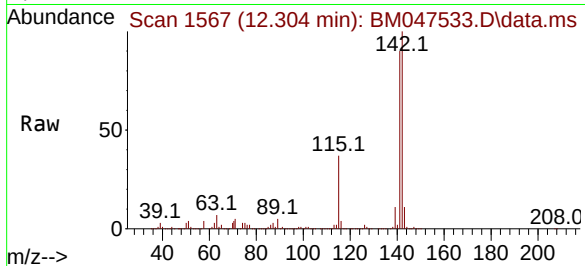
115 36.9 29.1 43.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#38

1-Methylnaphthalene

Concen: 40.320 ng

RT: 12.522 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

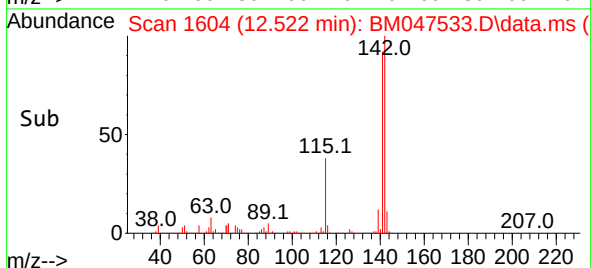
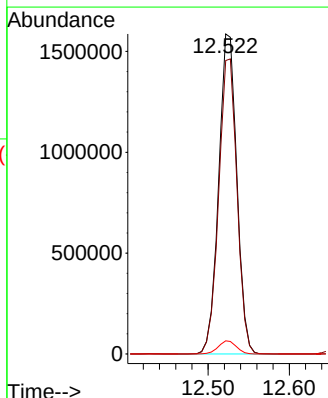
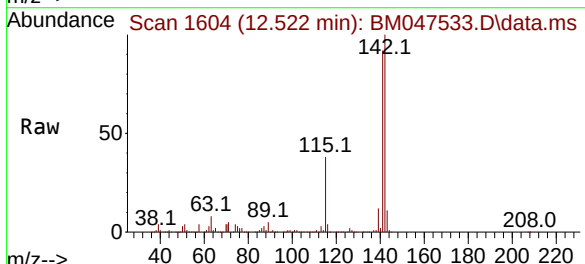
Tgt Ion:142 Resp: 2467751

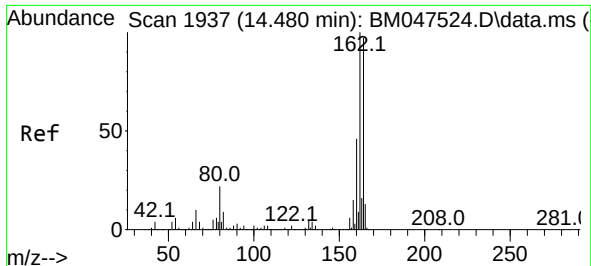
Ion Ratio Lower Upper

142 100

141 91.7 74.7 112.1

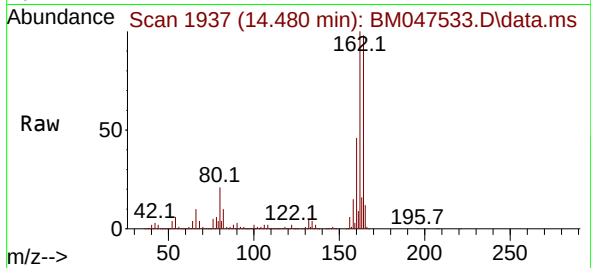
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

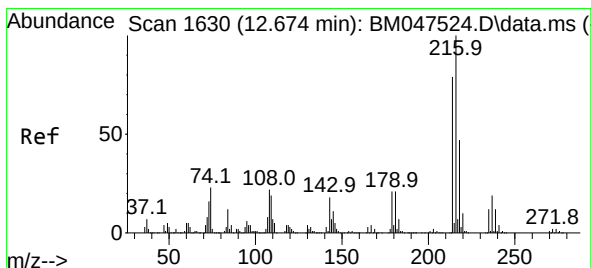
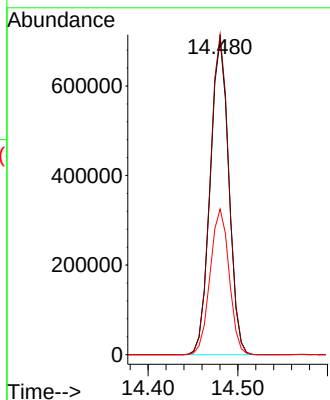
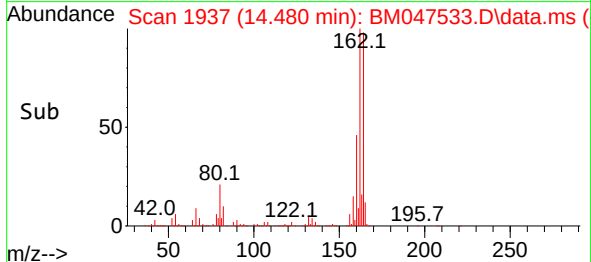
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



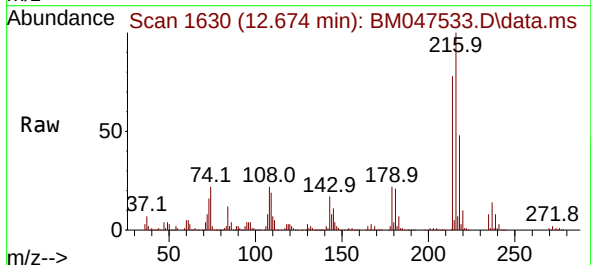
Tgt Ion:164 Resp: 101116
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 46.2 38.2 57.2

Manual Integrations
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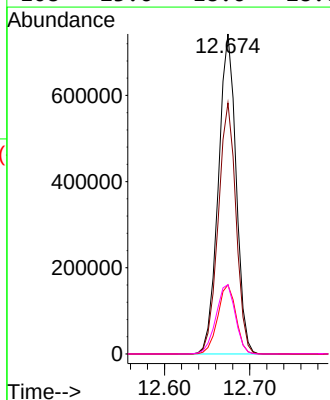
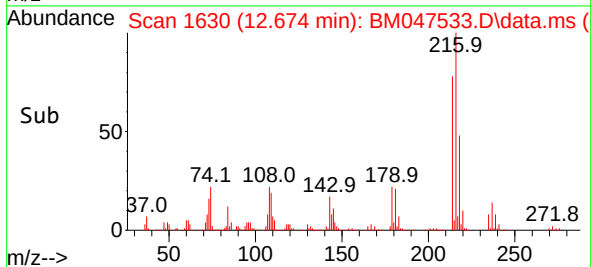
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

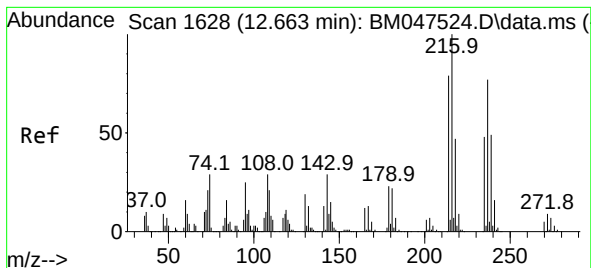


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.334 ng
RT: 12.674 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



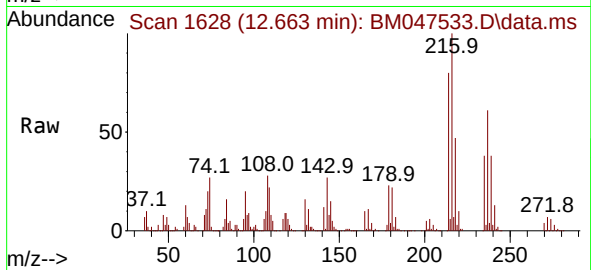
Tgt Ion:216 Resp: 1076240
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.6
179 22.2 17.5 26.3
108 23.6 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 38.172 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

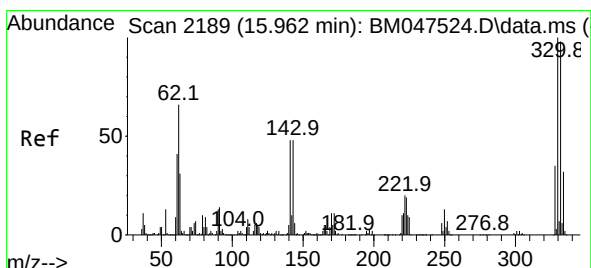
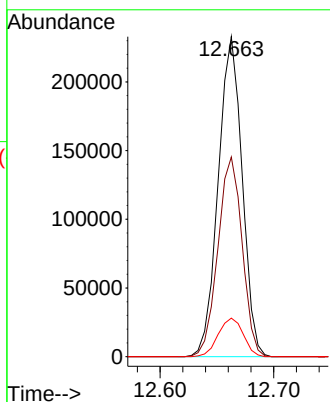
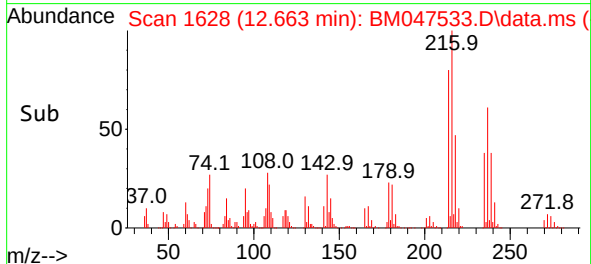
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



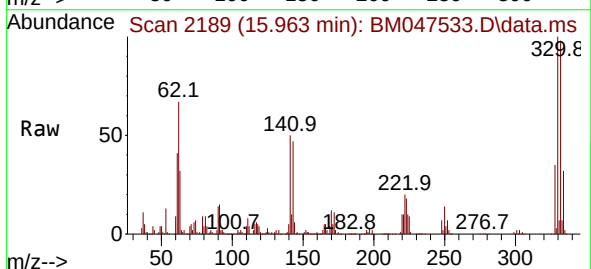
Tgt Ion:237 Resp: 34144
Ion Ratio Lower Upper
237 100
235 62.4 42.0 82.0
272 12.1 0.0 31.5

Manual Integrations
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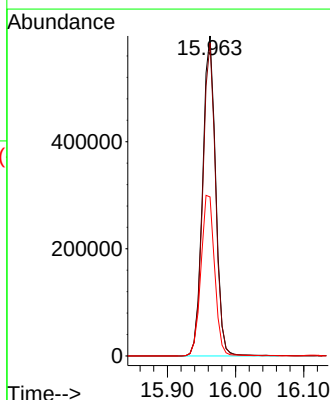
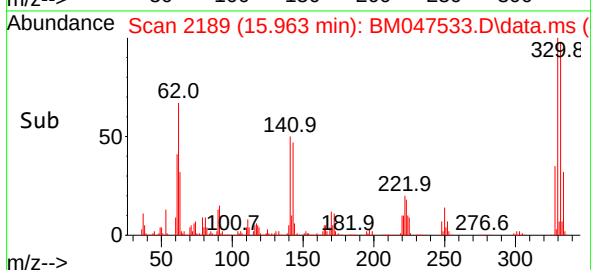
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

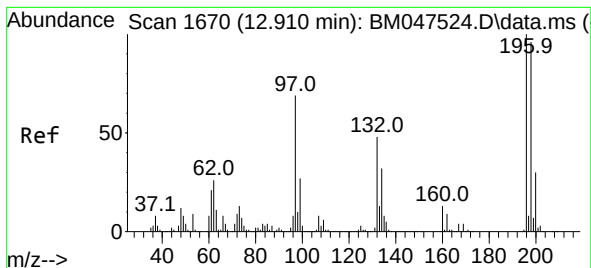


#42
2,4,6-Tribromophenol
Concen: 81.414 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion:330 Resp: 795722
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 53.0 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 40.025 ng

RT: 12.910 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM047533.D

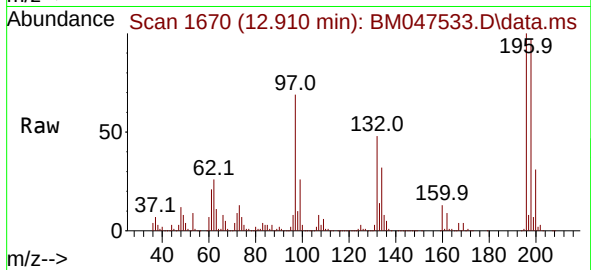
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 68610

Ion Ratio Lower Upper

196 100

198 96.7 76.9 115.3

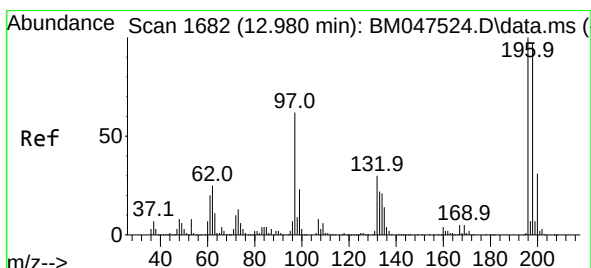
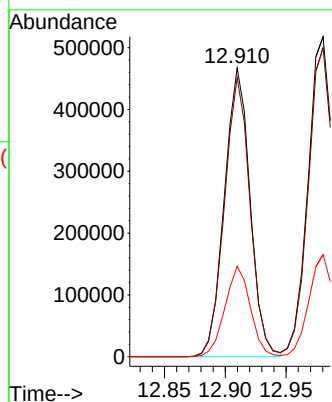
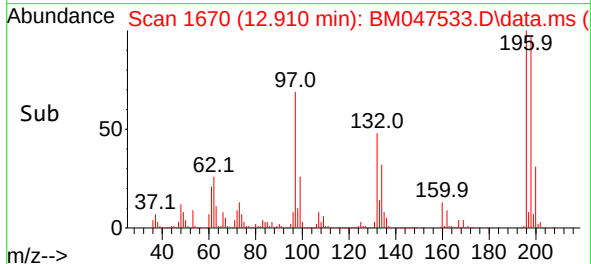
200 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#44

2,4,5-Trichlorophenol

Concen: 40.261 ng

RT: 12.980 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Tgt Ion:196 Resp: 779520

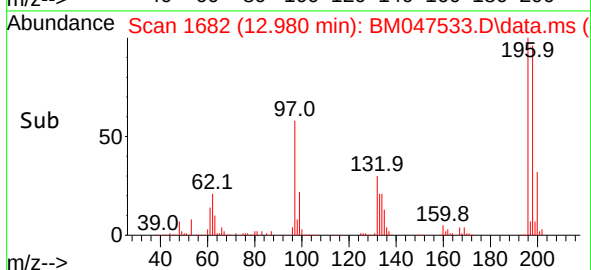
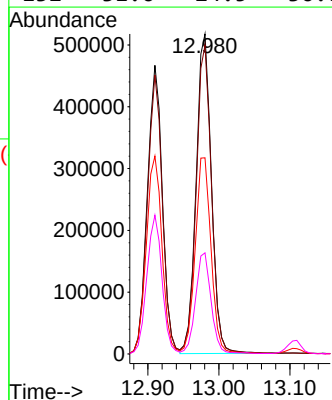
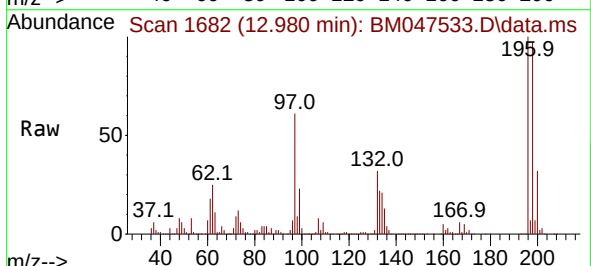
Ion Ratio Lower Upper

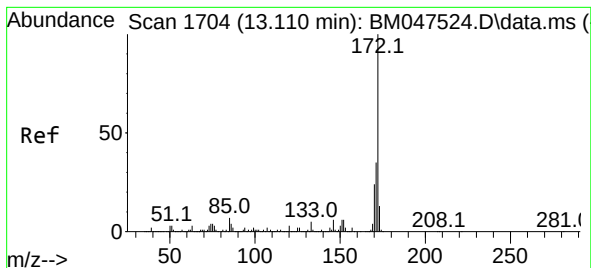
196 100

198 96.5 77.4 116.2

97 61.3 49.8 74.8

132 31.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 81.679 ng

RT: 13.110 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BM047533.D

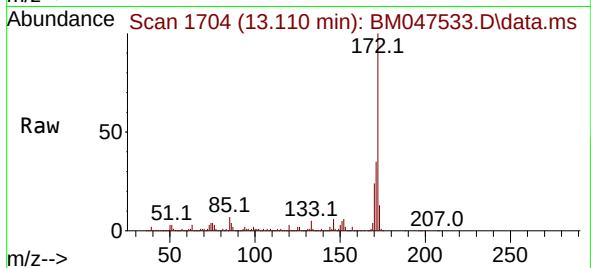
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 599566

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

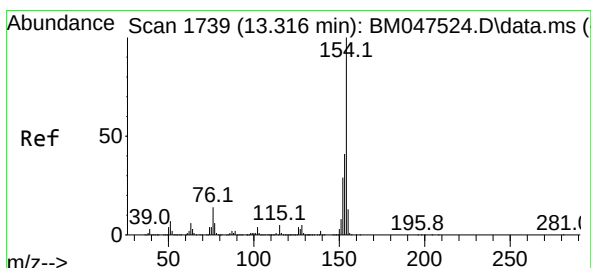
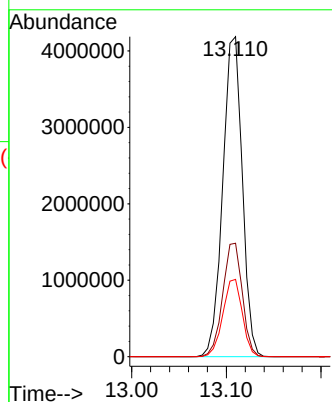
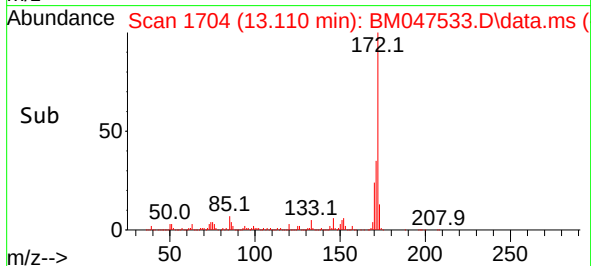
170 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#46

1,1'-Biphenyl

Concen: 39.946 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

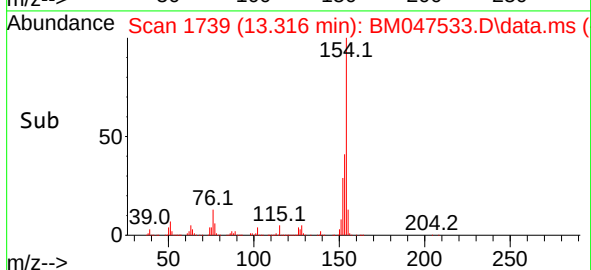
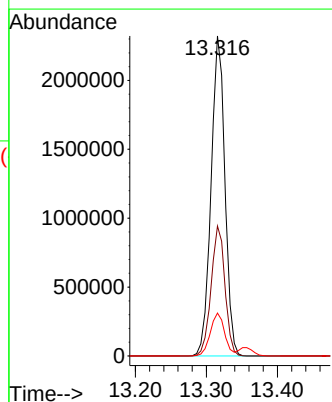
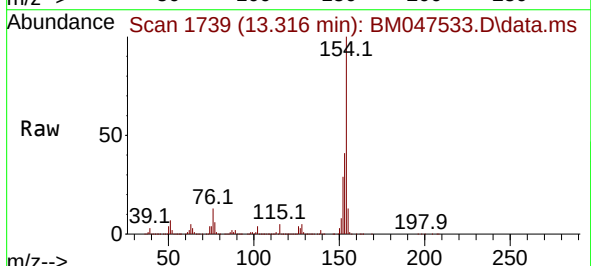
Tgt Ion:154 Resp: 3142735

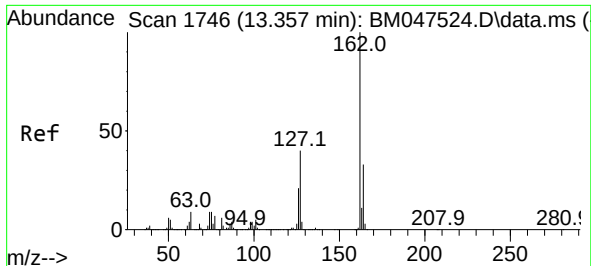
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

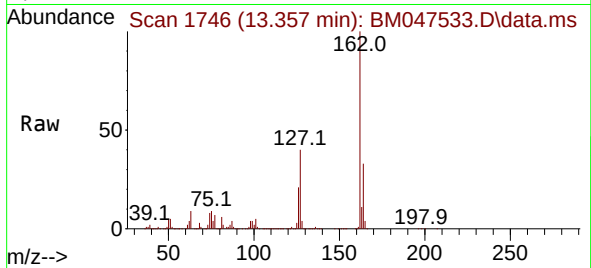
76 13.4 0.0 33.9





#47
2-Chloronaphthalene
Concen: 39.790 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

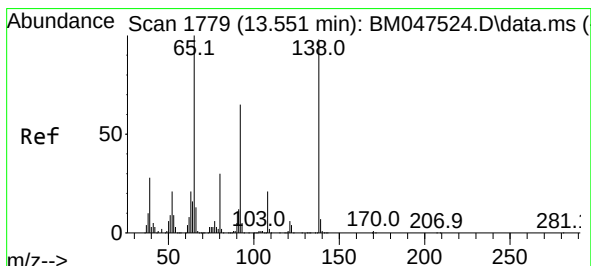
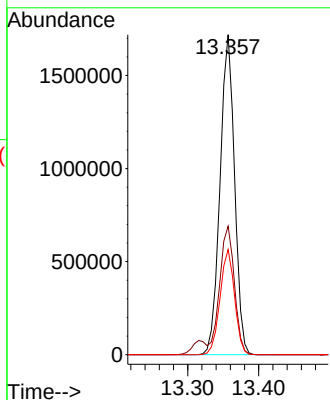
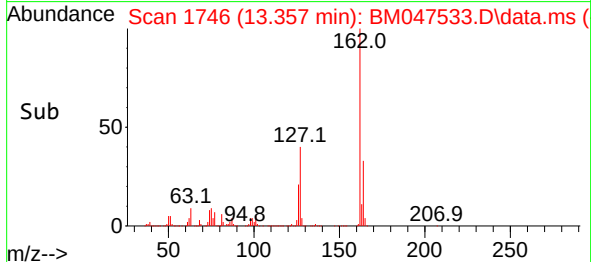
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



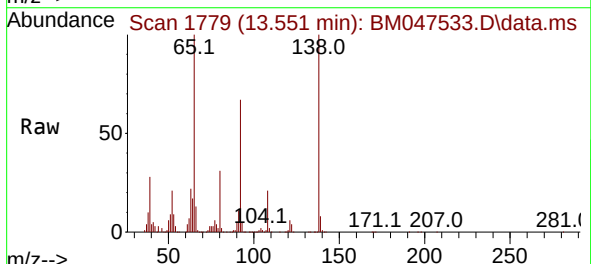
Tgt Ion:162 Resp: 2430739
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.4
164 32.9 26.3 39.5

Manual Integrations
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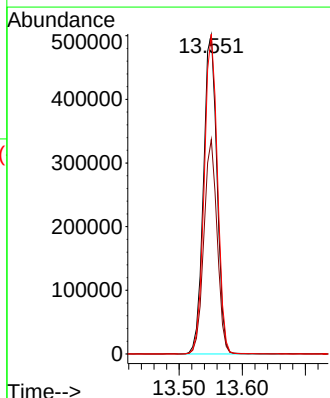
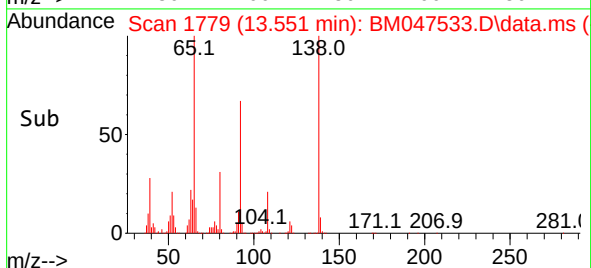
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

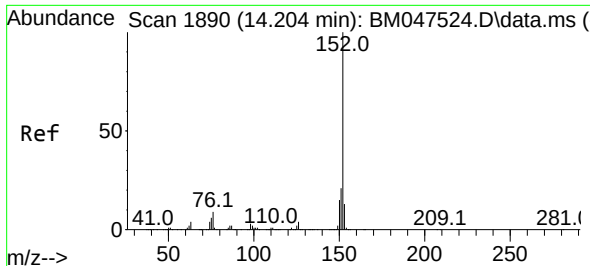


#48
2-Nitroaniline
Concen: 41.494 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion: 65 Resp: 744520
Ion Ratio Lower Upper
65 100
92 67.2 51.9 77.9
138 100.3 78.5 117.7





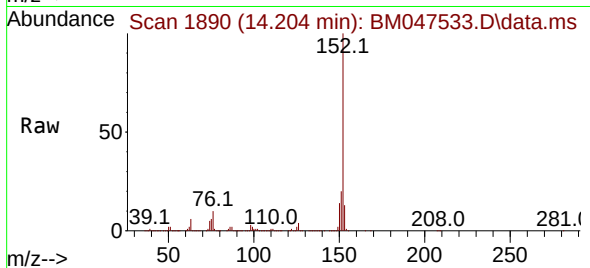
#49
Acenaphthylene
Concen: 40.604 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



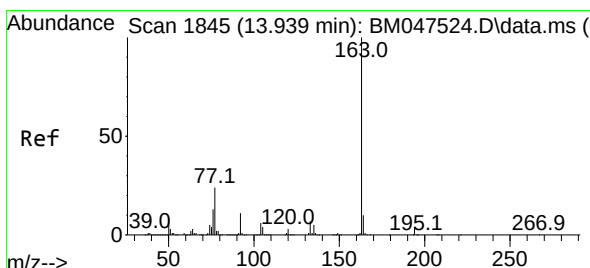
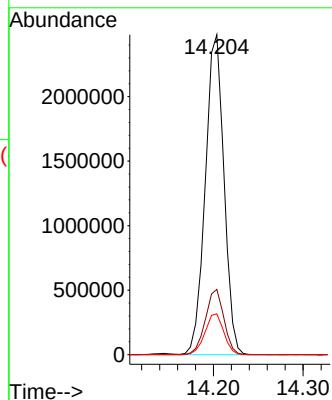
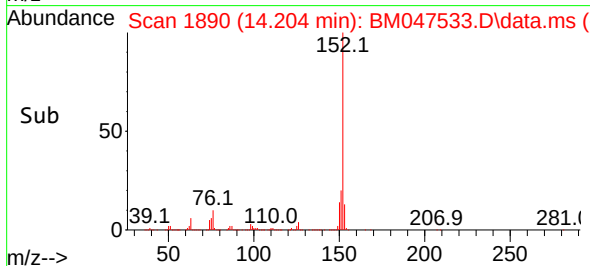
Tgt Ion:152 Resp: 3579429
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.8 10.4 15.6

Manual Integrations

APPROVED

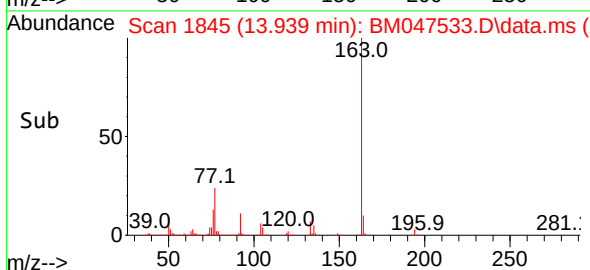
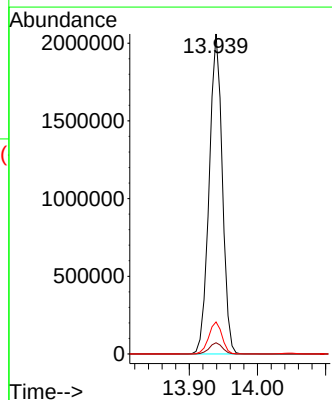
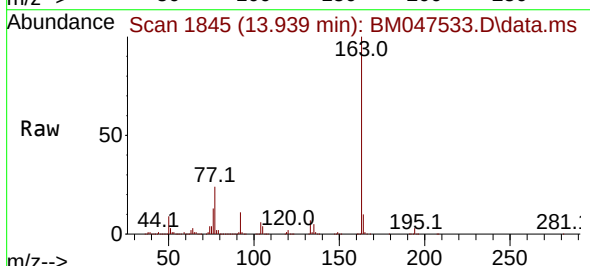
Reviewed By :Yogesh Patel 09/17/2024

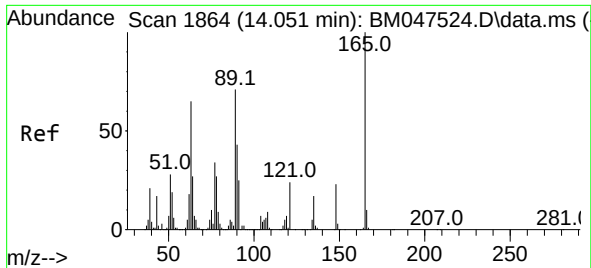
Supervised By :mohammad ahmed 09/17/2024



#50
Dimethylphthalate
Concen: 39.962 ng
RT: 13.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

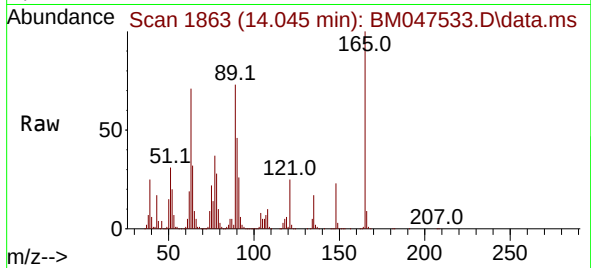
Tgt Ion:163 Resp: 2754152
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.552 ng
RT: 14.045 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

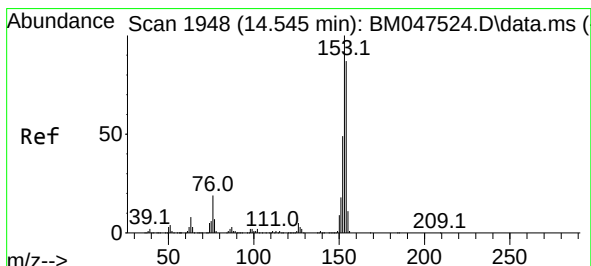
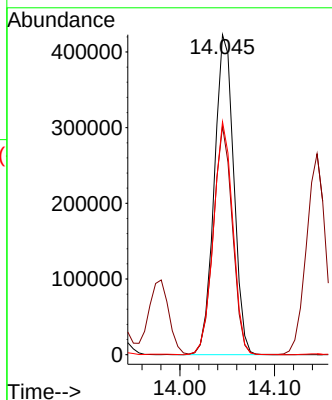
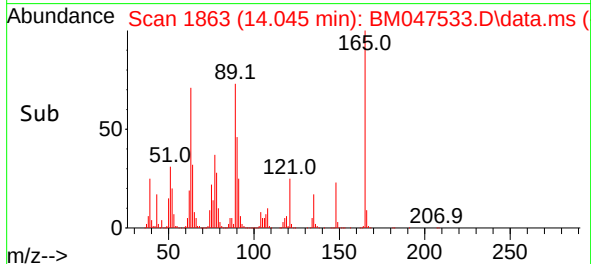
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 60454
Ion Ratio Lower Upper
165 100
63 71.4 54.2 81.2
89 72.8 56.4 84.6

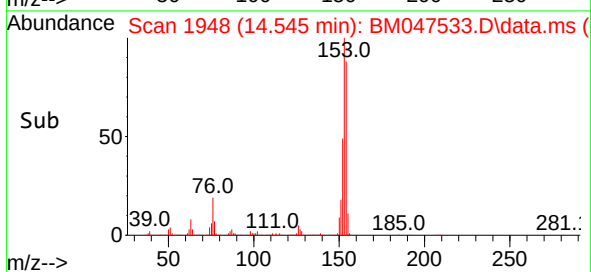
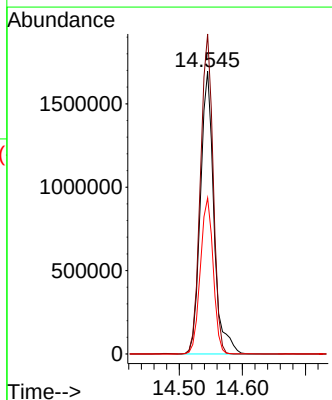
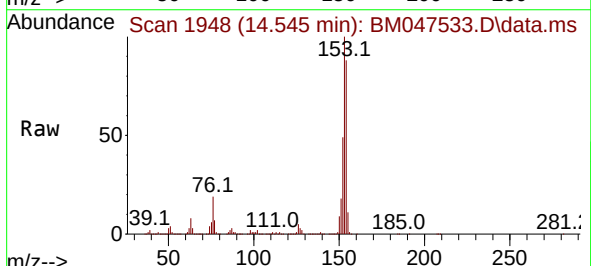
Manual Integrations
APPROVED

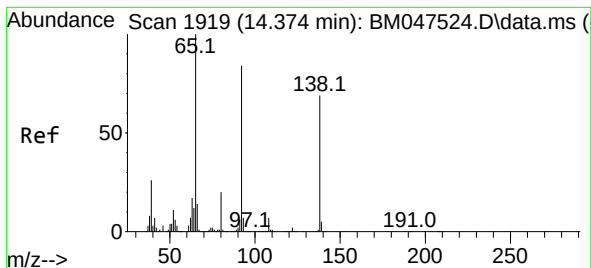
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#52
Acenaphthene
Concen: 40.594 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

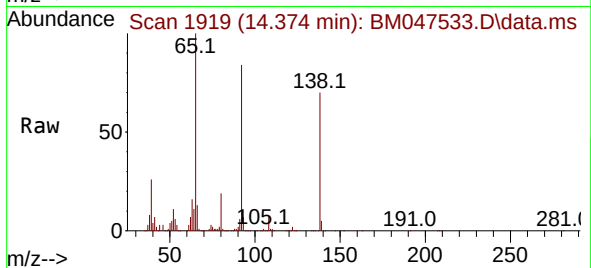
Tgt Ion:154 Resp: 2507411
Ion Ratio Lower Upper
154 100
153 113.3 92.2 138.2
152 55.2 45.4 68.0





#53
3-Nitroaniline
Concen: 42.399 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

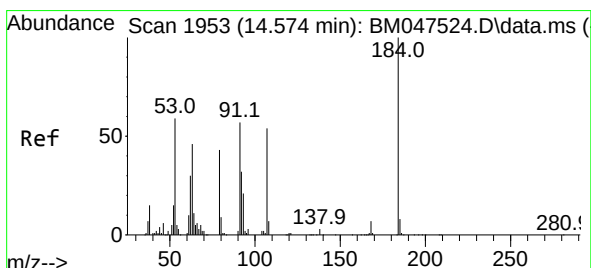
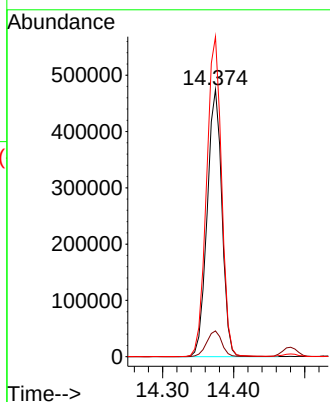
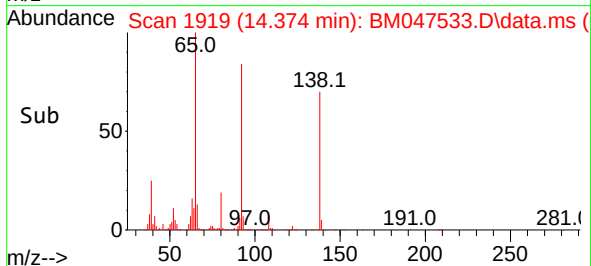
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



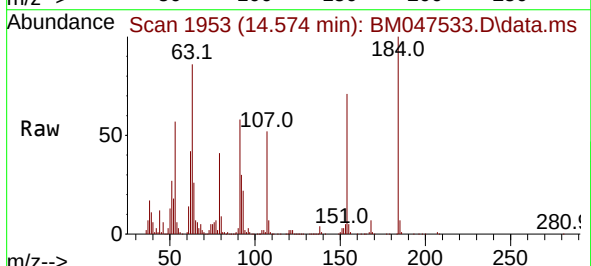
Tgt Ion:138 Resp: 68565
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 119.7 97.4 146.0

Manual Integrations
APPROVED

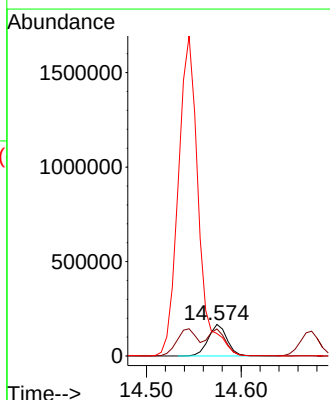
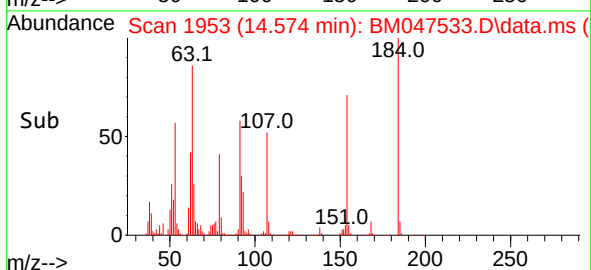
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

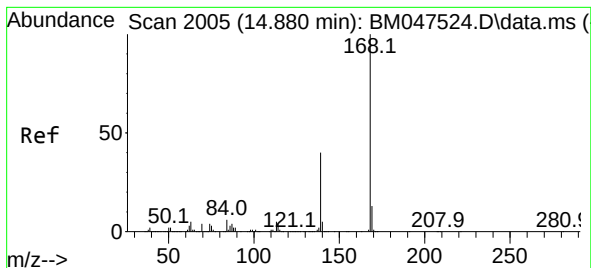


#54
2,4-Dinitrophenol
Concen: 36.995 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



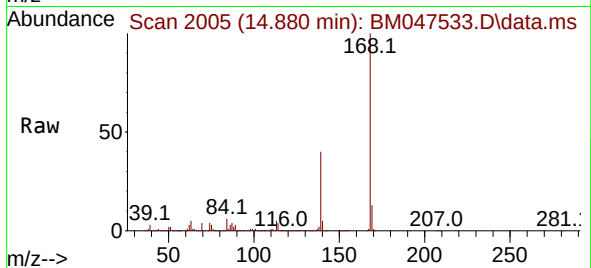
Tgt Ion:184 Resp: 229497
Ion Ratio Lower Upper
184 100
63 85.8 69.4 104.0
154 71.4 60.4 90.6





#55
Dibenzofuran
Concen: 40.086 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

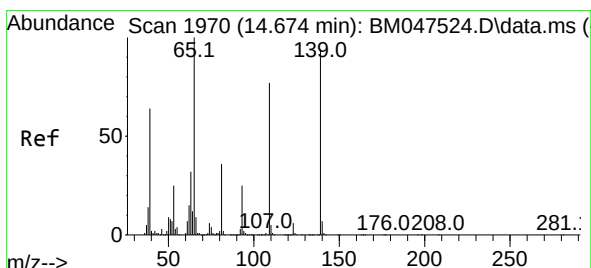
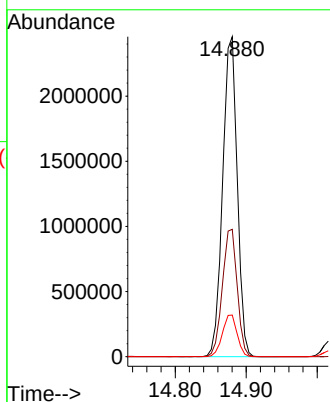
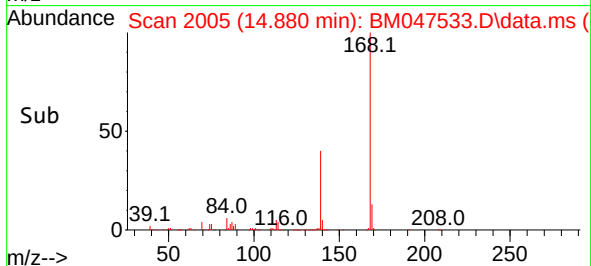
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



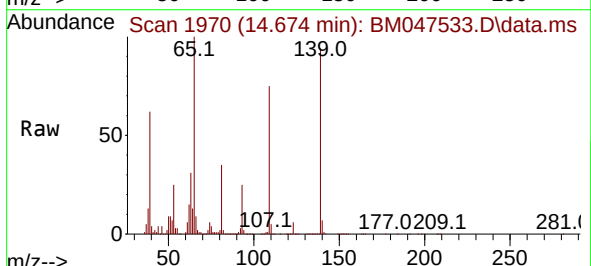
Tgt Ion:168 Resp: 3479384
Ion Ratio Lower Upper
168 100
139 39.8 31.9 47.9
169 13.0 10.5 15.7

Manual Integrations
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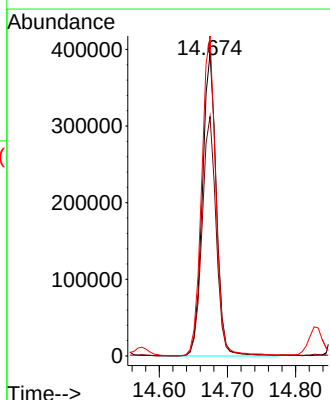
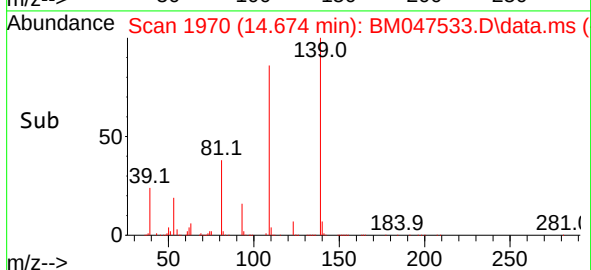
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

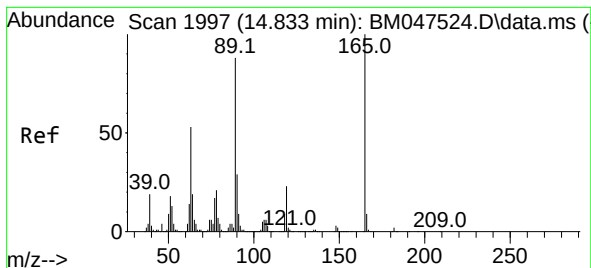


#56
4-Nitrophenol
Concen: 42.277 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



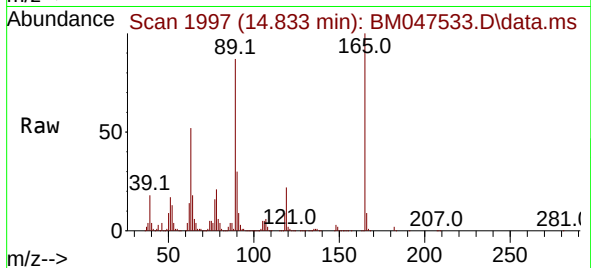
Tgt Ion:139 Resp: 562593
Ion Ratio Lower Upper
139 100
109 79.2 62.0 102.0
65 105.9 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 42.670 ng
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

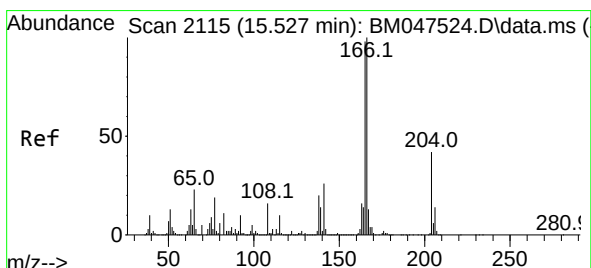
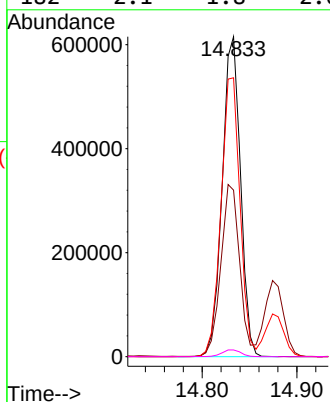
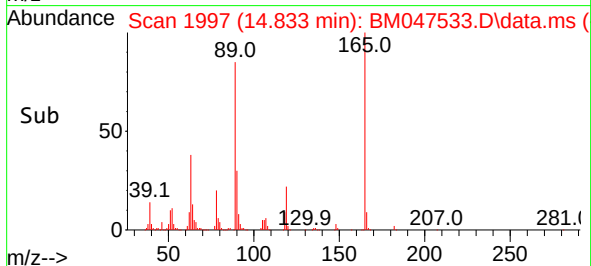
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



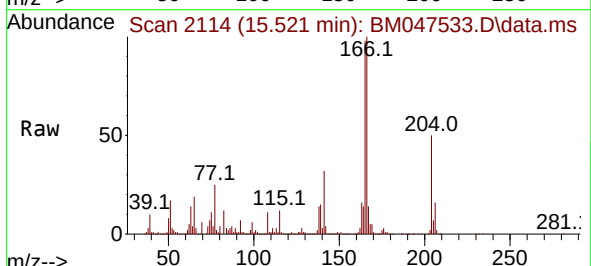
Tgt Ion:165 Resp: 82796
Ion Ratio Lower Upper
165 100
63 52.0 42.4 63.6
89 87.2 70.5 105.7
182 2.1 1.8 2.6

Manual Integrations
APPROVED

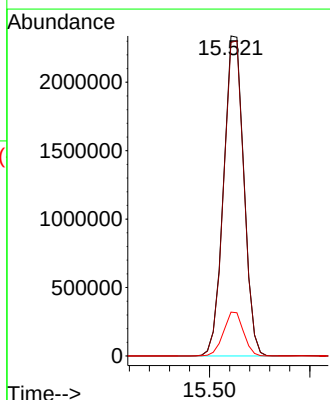
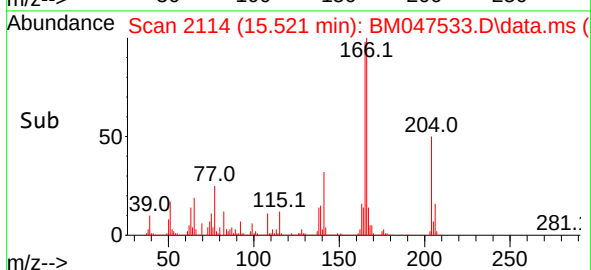
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

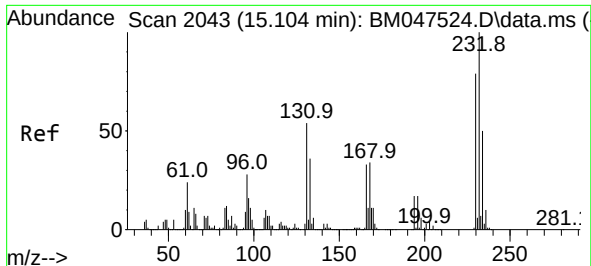


#58
Fluorene
Concen: 41.789 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



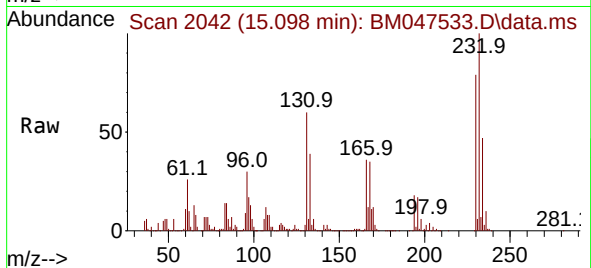
Tgt Ion:166 Resp: 3265674
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.362 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

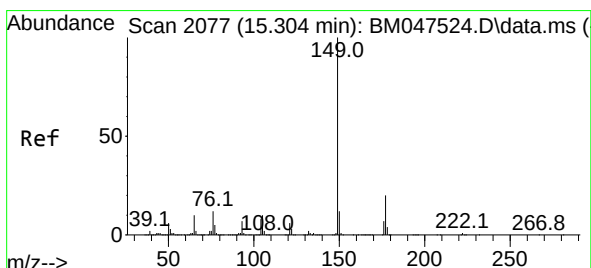
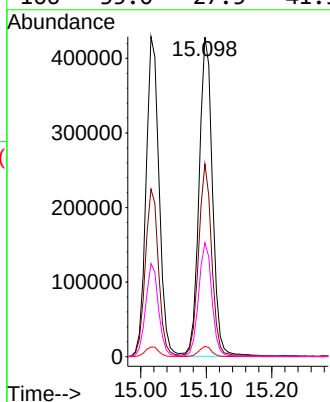
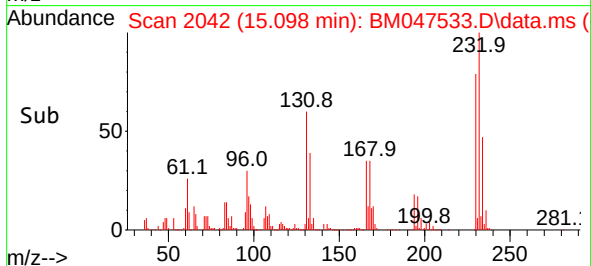
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



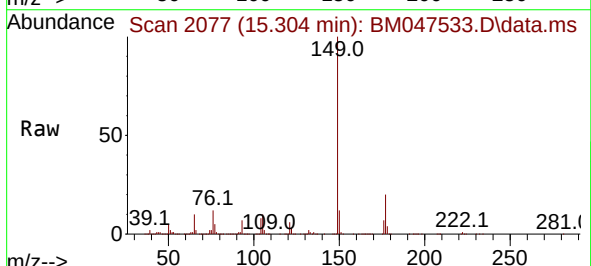
Tgt Ion:232 Resp: 60929
Ion Ratio Lower Upper
232 100
131 59.2 47.0 70.4
130 3.2 2.6 3.8
166 35.0 27.5 41.3

Manual Integrations
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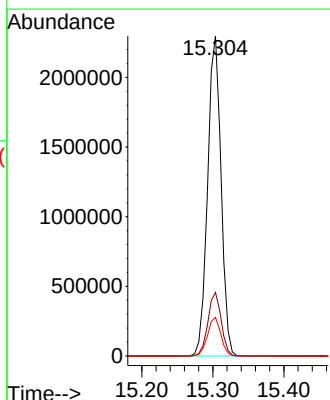
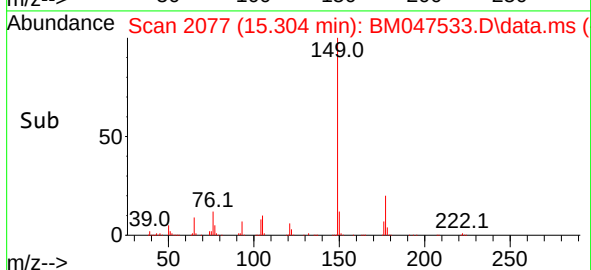
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

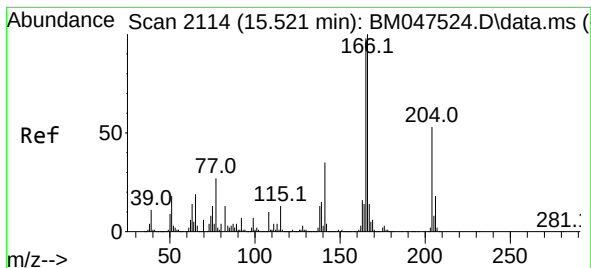


#60
Diethylphthalate
Concen: 41.046 ng
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



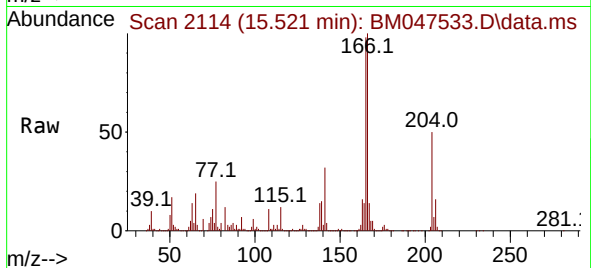
Tgt Ion:149 Resp: 3010648
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 12.0 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 41.102 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

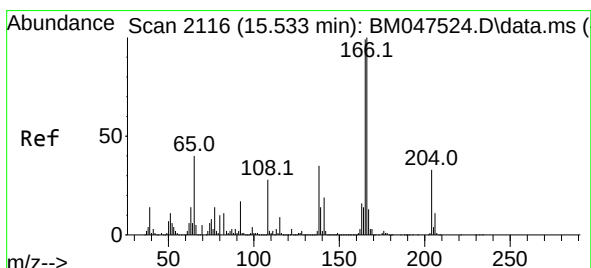
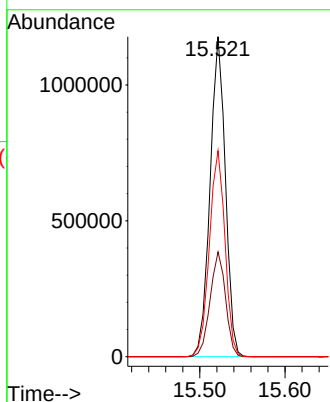
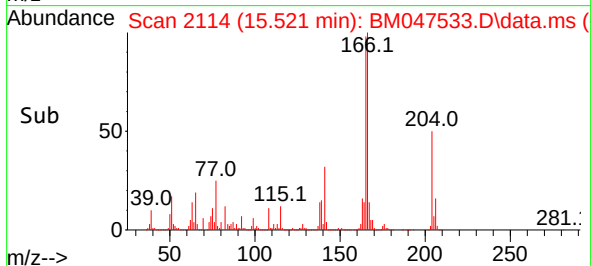
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



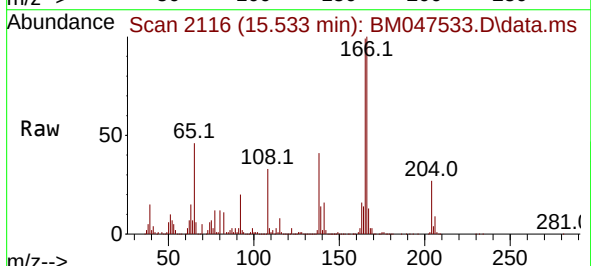
Tgt Ion:204 Resp: 1468624
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.4 52.1 78.1

Manual Integrations
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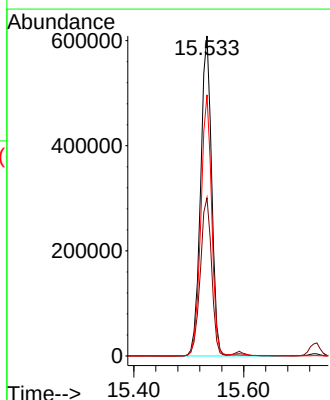
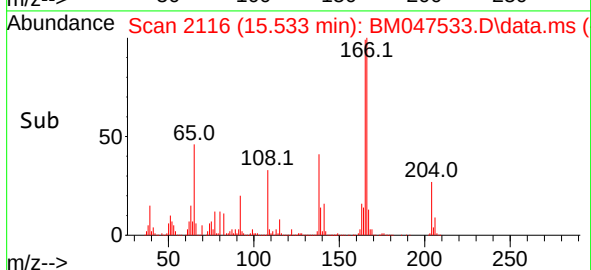
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

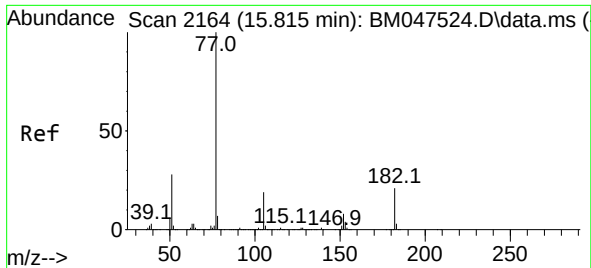


#62
4-Nitroaniline
Concen: 44.755 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



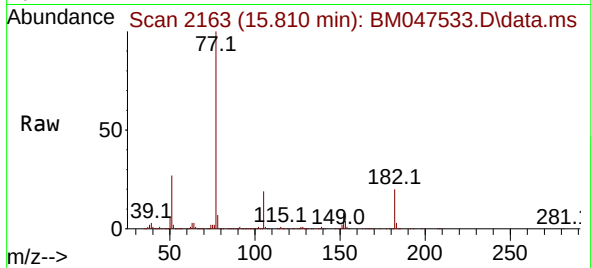
Tgt Ion:138 Resp: 850755
Ion Ratio Lower Upper
138 100
92 49.4 30.0 70.0
108 81.6 61.7 101.7





#63
Azobenzene
Concen: 41.753 ng
RT: 15.810 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

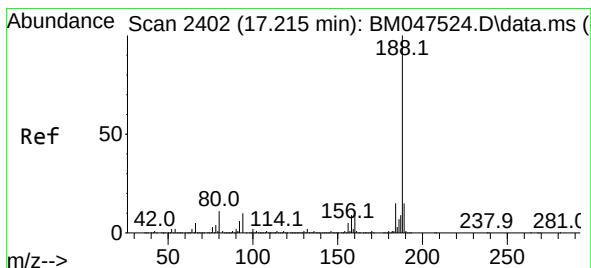
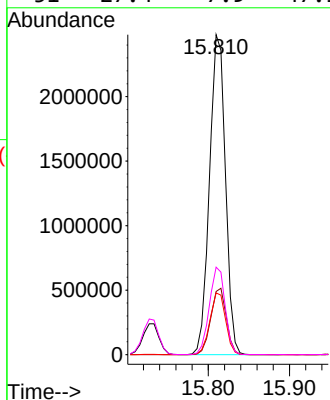
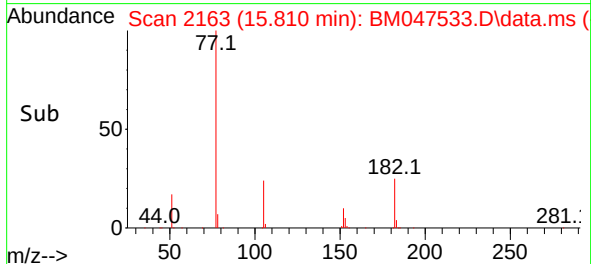
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 3372120
Ion Ratio Lower Upper
77 100
182 19.7 1.2 41.2
105 19.3 0.0 39.4
51 27.4 7.9 47.9

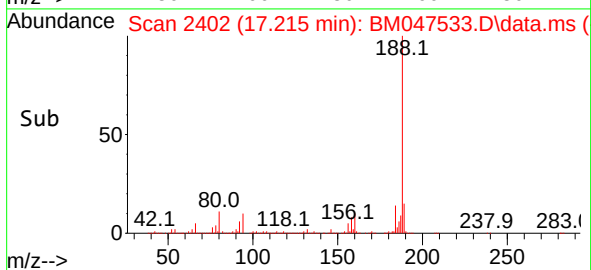
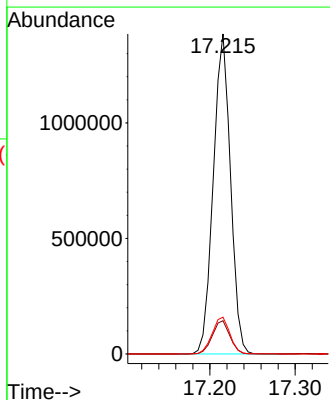
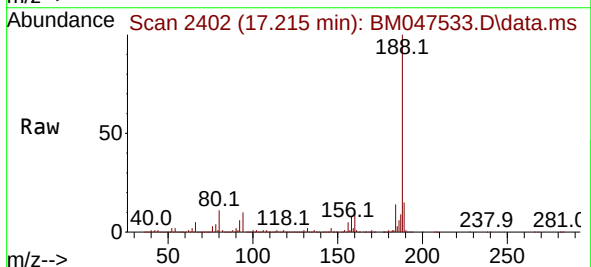
Manual Integrations
APPROVED

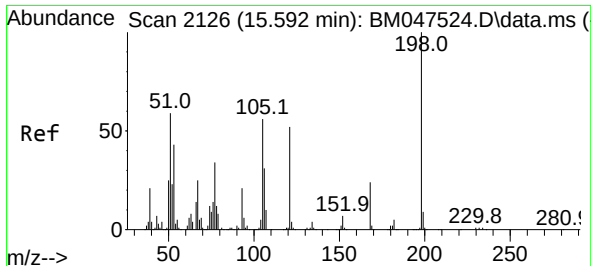
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

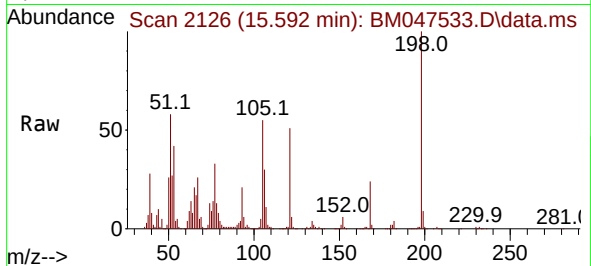
Tgt Ion:188 Resp: 1938186
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 11.5 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 35.256 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

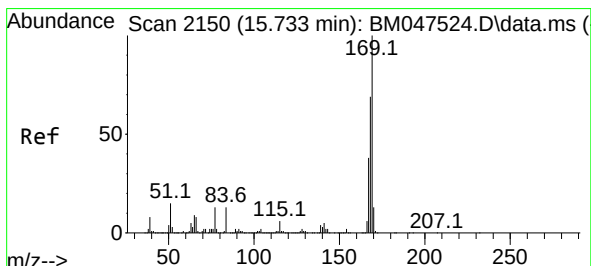
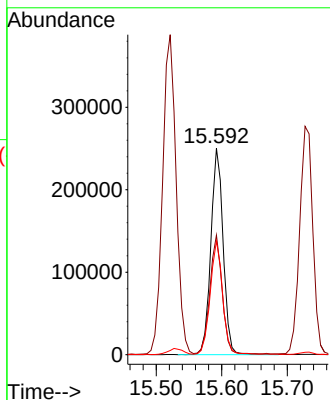
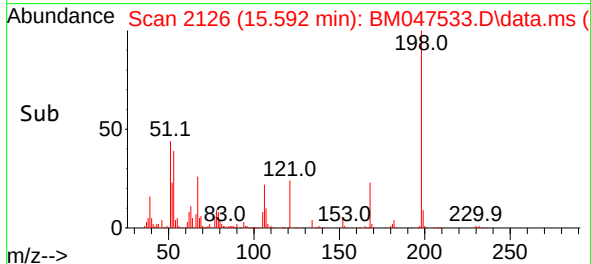
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 325949
Ion Ratio Lower Upper
198 100
51 57.9 41.5 81.5
105 55.1 36.4 76.4

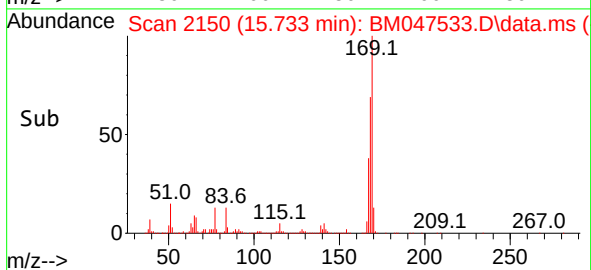
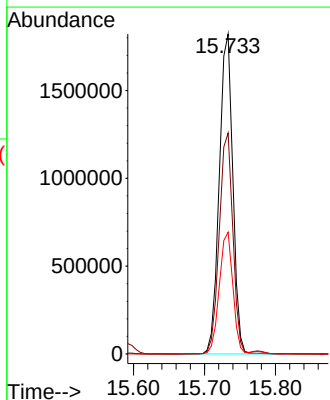
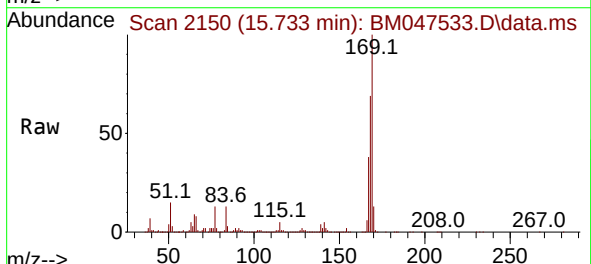
Manual Integrations
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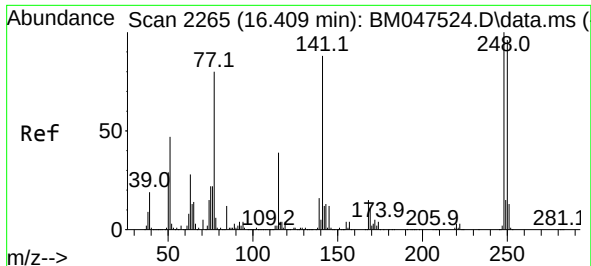
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#66
n-Nitrosodiphenylamine
Concen: 40.470 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion:169 Resp: 2399617
Ion Ratio Lower Upper
169 100
168 69.0 55.3 82.9
167 38.1 30.5 45.7





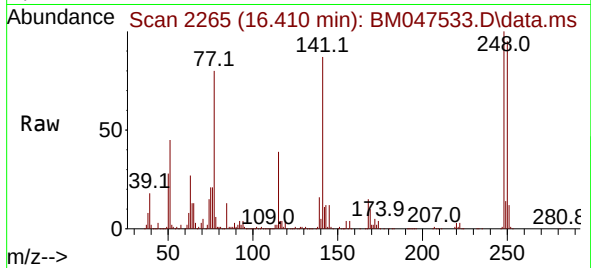
#67
4-Bromophenyl-phenylether
Concen: 40.024 ng
RT: 16.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

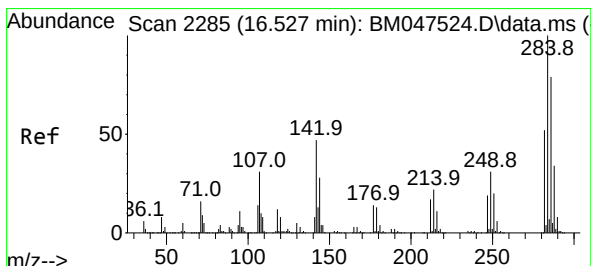
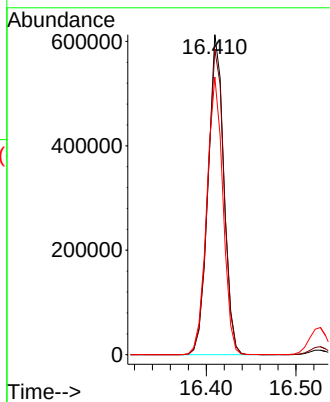
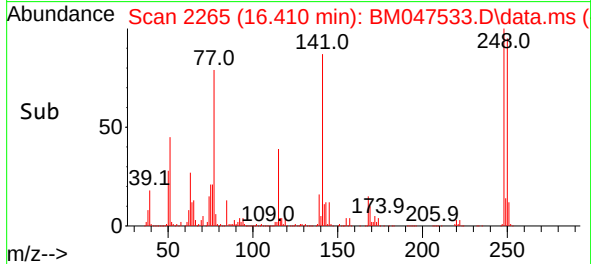


Tgt Ion:248 Resp: 753760
Ion Ratio Lower Upper
248 100
250 95.2 76.9 115.3
141 86.8 70.8 106.2

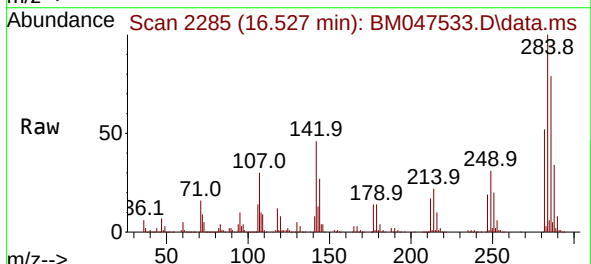
Manual Integrations

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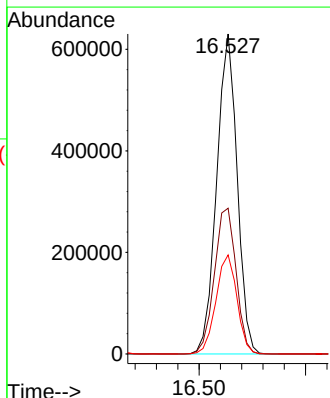
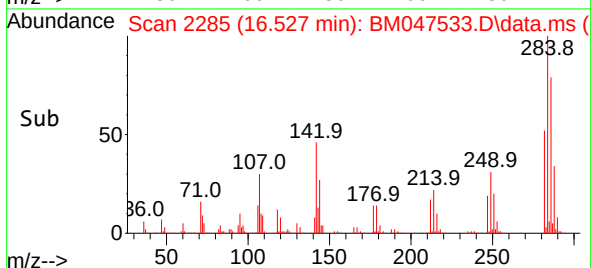
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

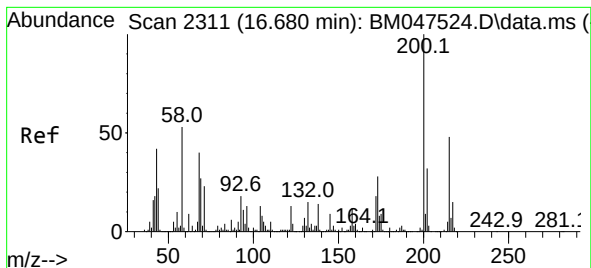


#68
Hexachlorobenzene
Concen: 39.328 ng
RT: 16.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion:284 Resp: 839063
Ion Ratio Lower Upper
284 100
142 45.5 37.3 55.9
249 30.9 24.5 36.7





#69

Atrazine

Concen: 40.736 ng

RT: 16.680 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 667580

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

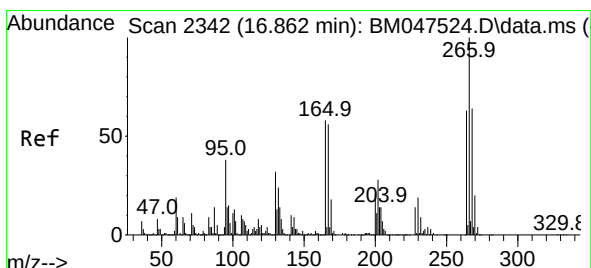
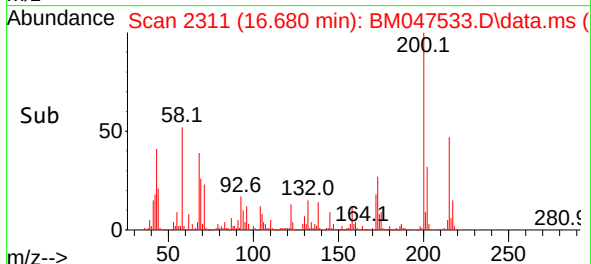
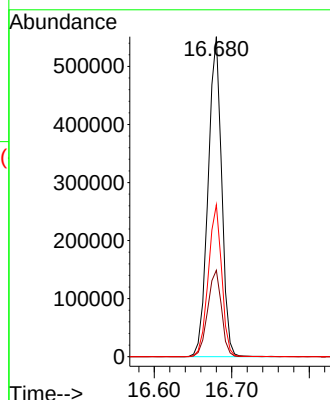
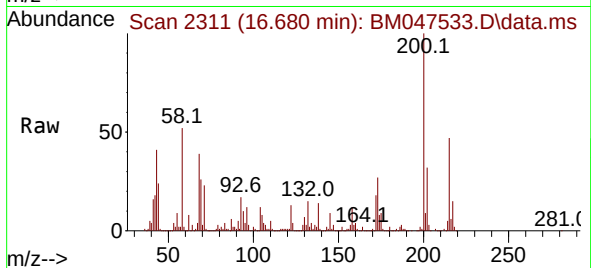
215 47.5 27.9 67.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#70

Pentachlorophenol

Concen: 42.539 ng

RT: 16.862 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

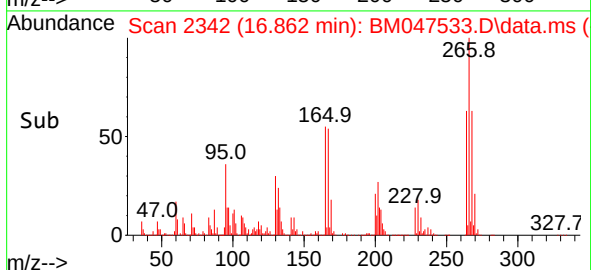
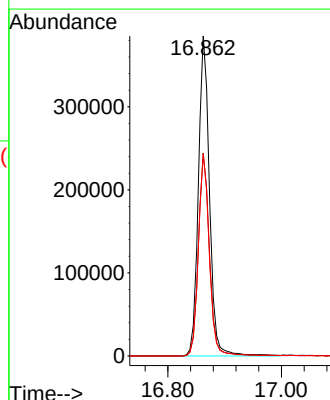
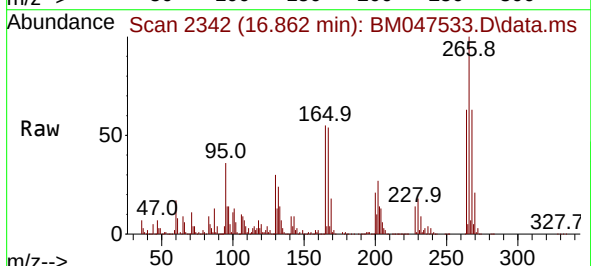
Tgt Ion:266 Resp: 526090

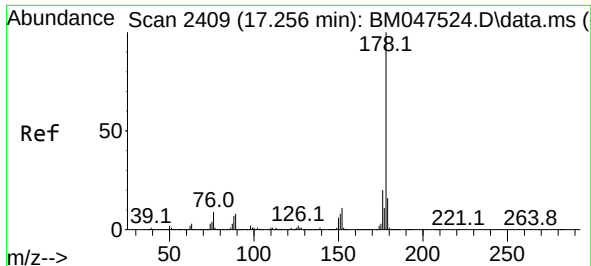
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

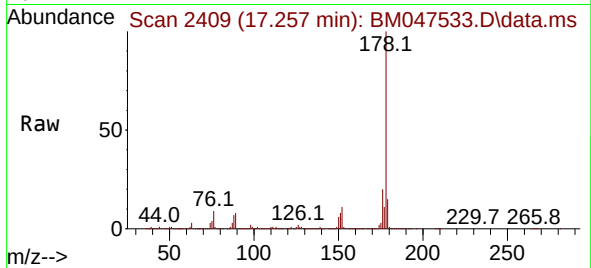
264 63.2 50.4 75.6





#71
Phenanthrene
Concen: 40.604 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

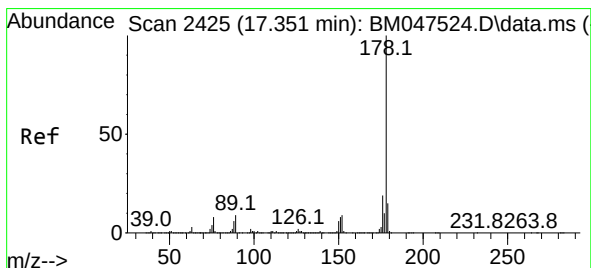
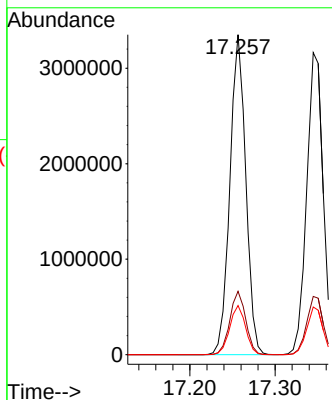
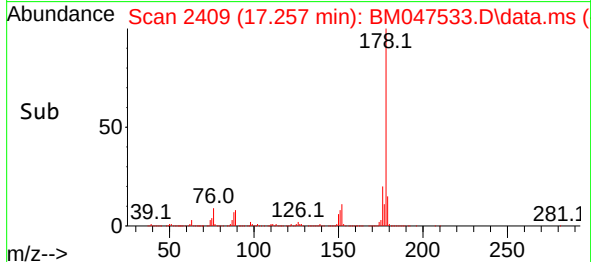
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



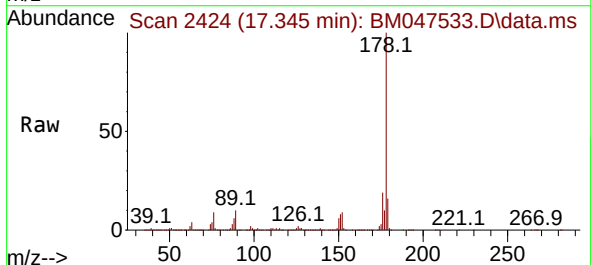
Tgt Ion:178 Resp: 4337018
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.3 12.4 18.6

Manual Integrations
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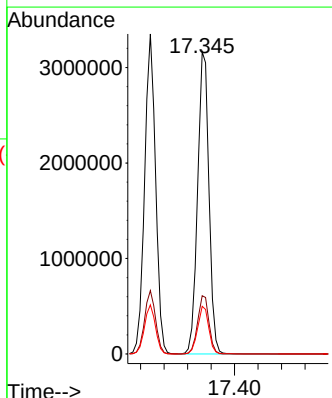
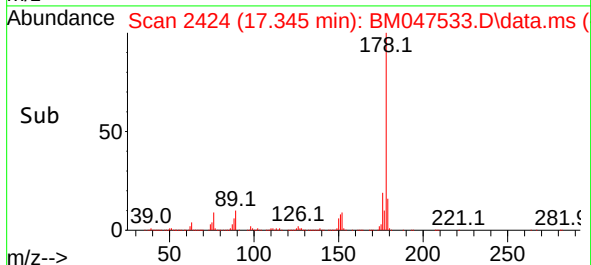
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

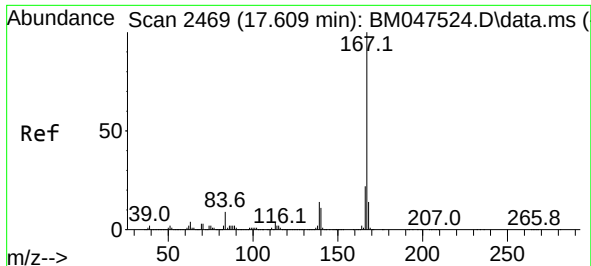


#72
Anthracene
Concen: 41.313 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



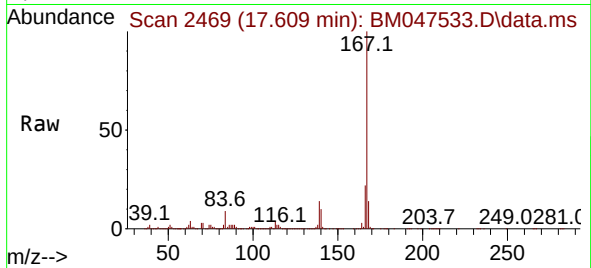
Tgt Ion:178 Resp: 4239587
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 41.705 ng
 RT: 17.609 min Scan# 2469
 Delta R.T. 0.000 min
 Lab File: BM047533.D
 Acq: 16 Sep 2024 10:16

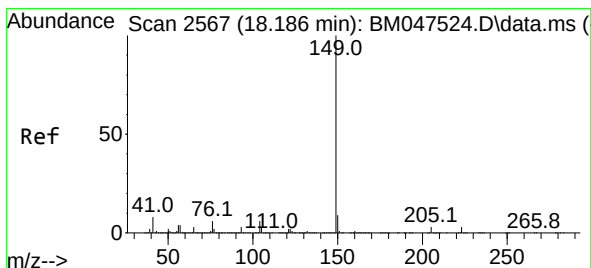
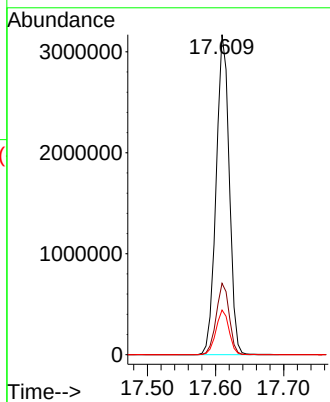
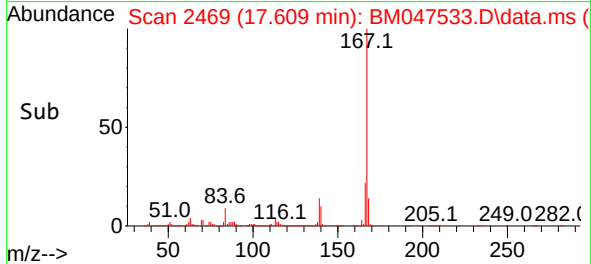
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



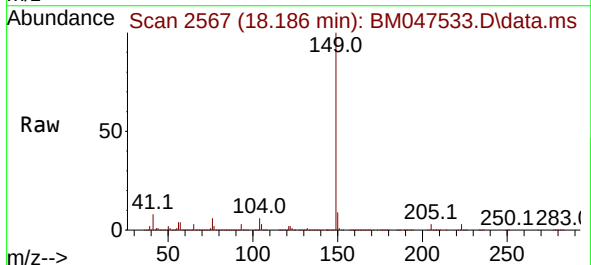
Tgt Ion:167 Resp: 4241429
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 14.0 11.0 16.6

Manual Integrations
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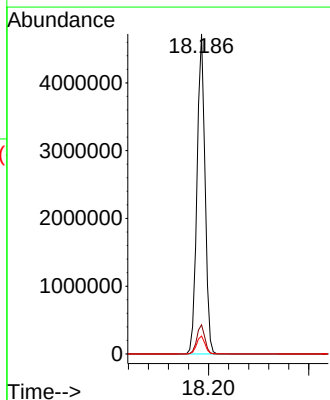
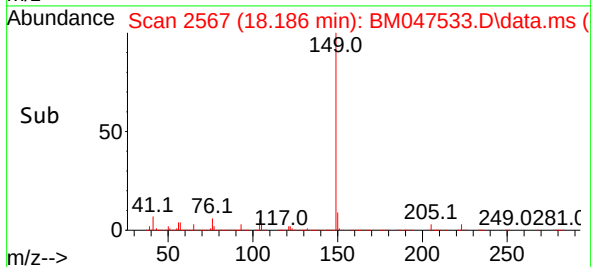
Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

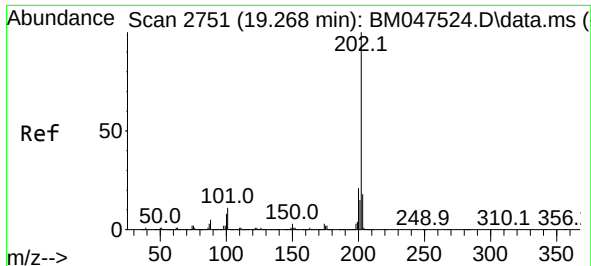


#74
 Di-n-butylphthalate
 Concen: 42.846 ng
 RT: 18.186 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: BM047533.D
 Acq: 16 Sep 2024 10:16



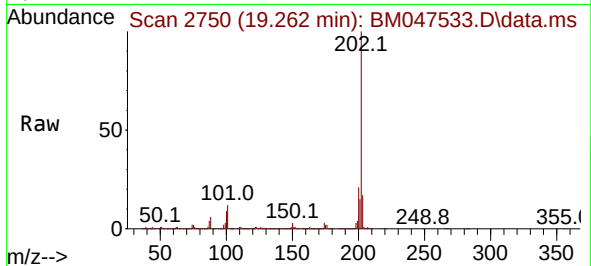
Tgt Ion:149 Resp: 5213752
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.6 4.6 6.8





#75
Fluoranthene
Concen: 42.745 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

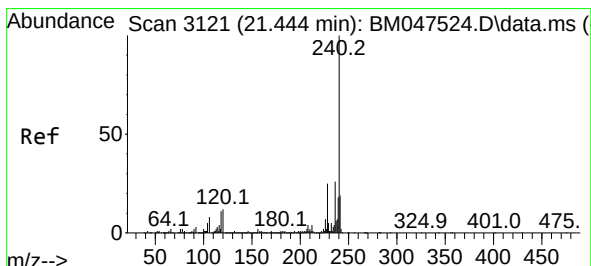
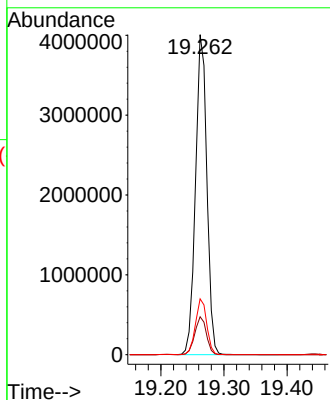
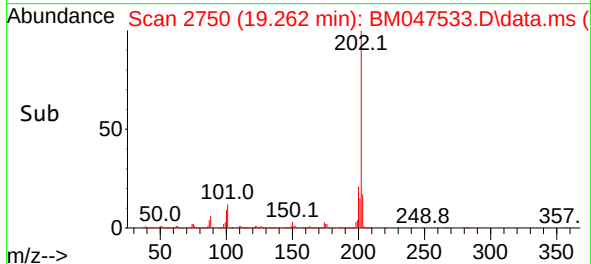
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 498145
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.8
203 17.4 0.0 37.7

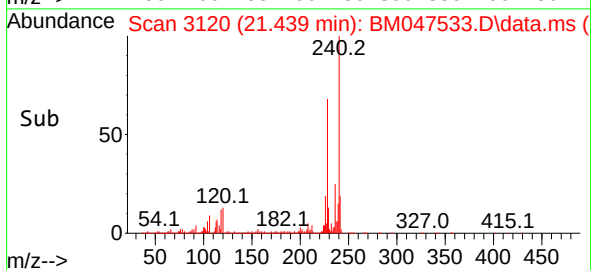
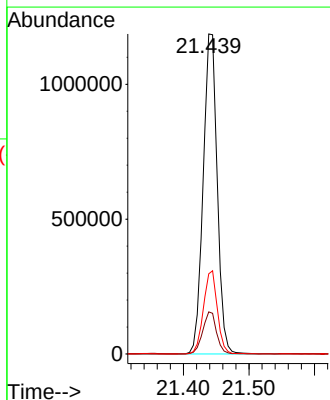
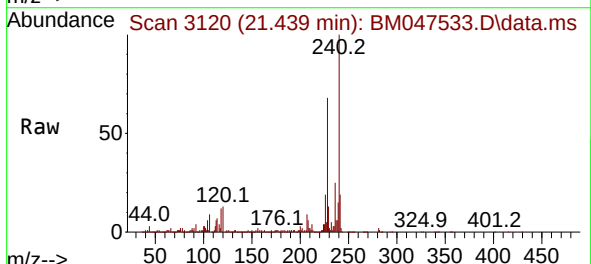
Manual Integrations
APPROVED

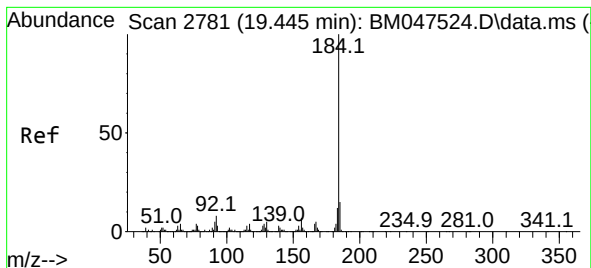
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

Tgt Ion:240 Resp: 1774639
Ion Ratio Lower Upper
240 100
120 13.1 9.6 14.4
236 25.0 20.9 31.3





#77

Benzidine

Concen: 58.267 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 1456310

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

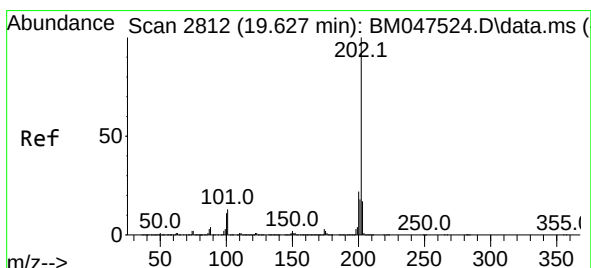
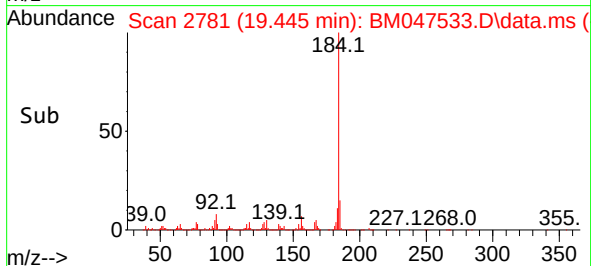
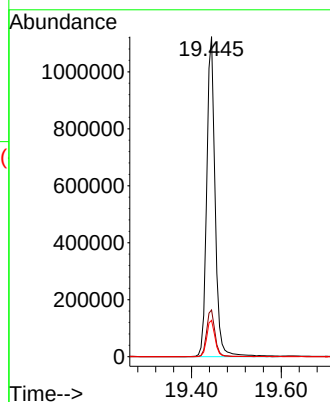
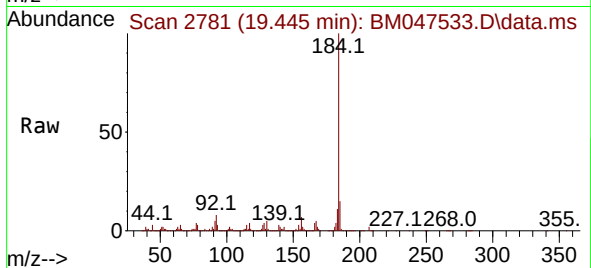
183 11.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#78

Pyrene

Concen: 40.890 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

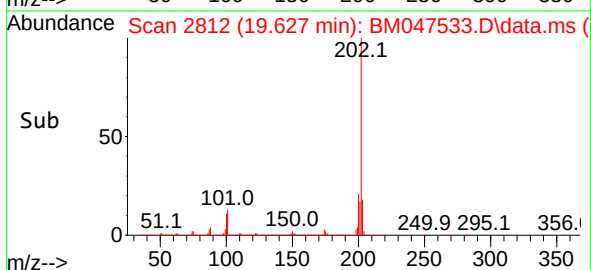
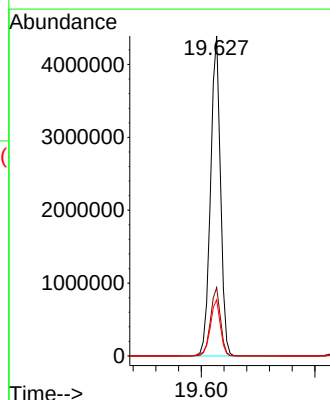
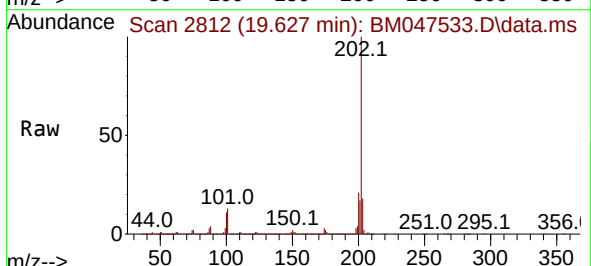
Tgt Ion:202 Resp: 5293066

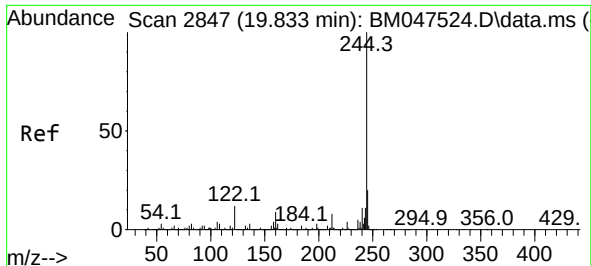
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

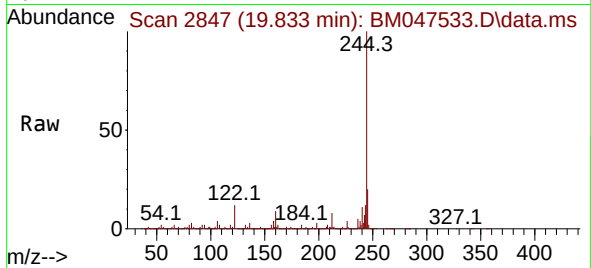
203 17.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 89.012 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM047533.D
 Acq: 16 Sep 2024 10:16

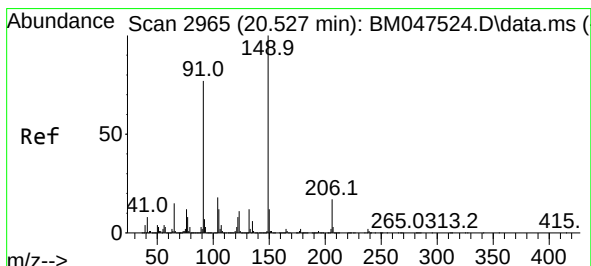
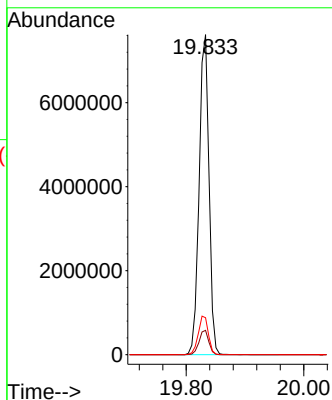
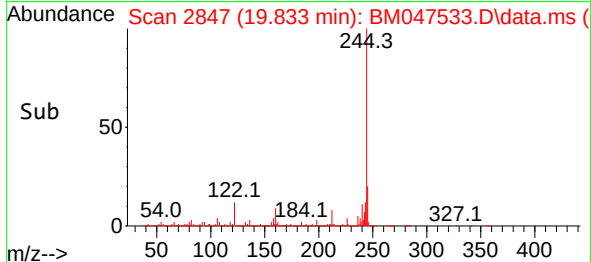
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 8815218
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.5 9.6 14.4

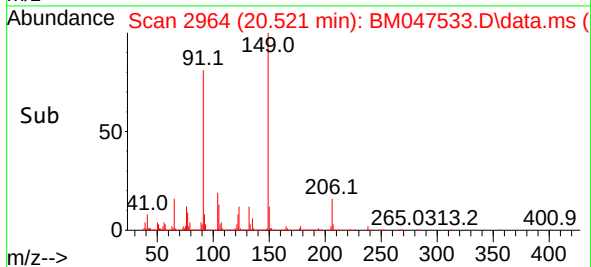
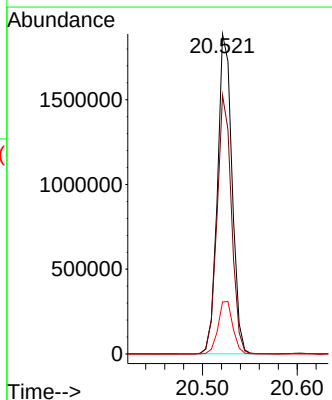
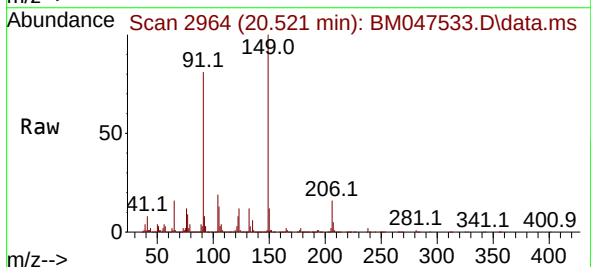
Manual Integrations
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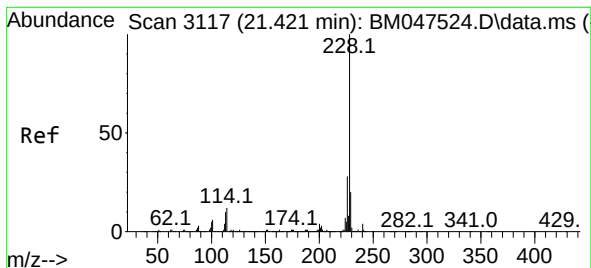
Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024



#80
 Butylbenzylphthalate
 Concen: 40.521 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047533.D
 Acq: 16 Sep 2024 10:16

Tgt Ion:149 Resp: 2019210
 Ion Ratio Lower Upper
 149 100
 91 80.9 62.0 93.0
 206 16.2 13.8 20.8





#81

Benzo(a)anthracene

Concen: 40.654 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047533.D

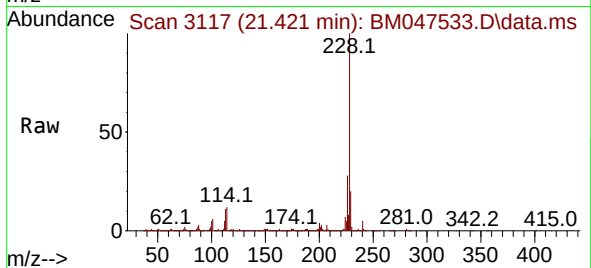
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 470255

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

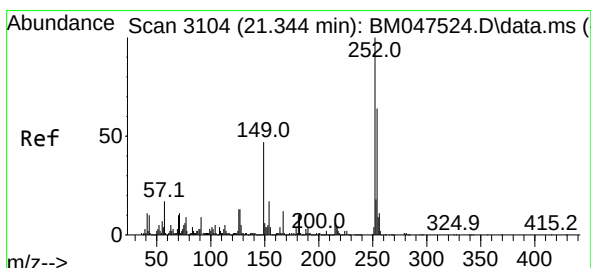
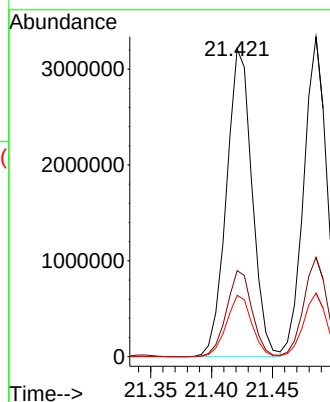
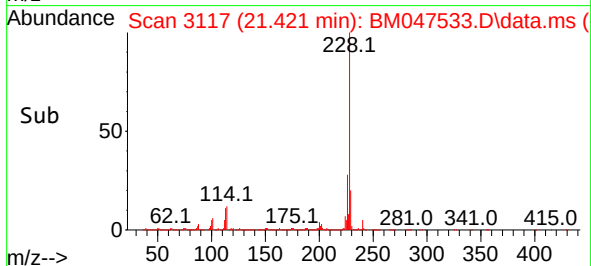
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 44.650 ng

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

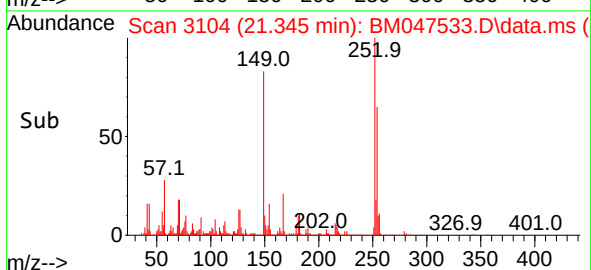
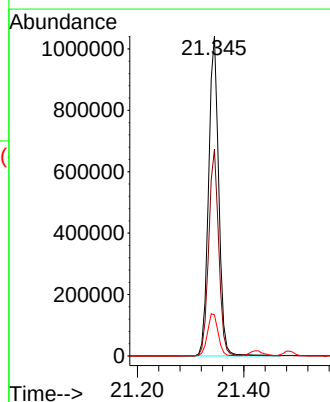
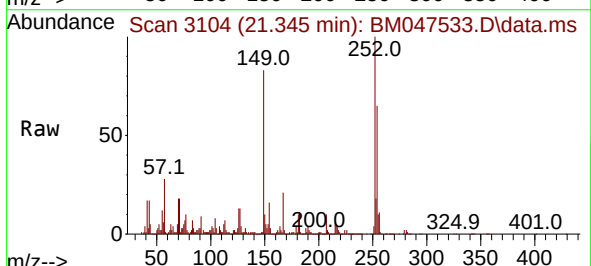
Tgt Ion:252 Resp: 1373888

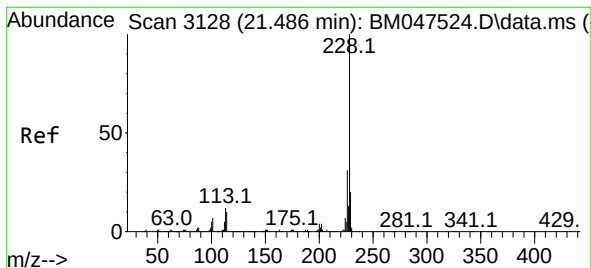
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 12.9 10.3 15.5





#83

Chrysene

Concen: 40.493 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM047533.D

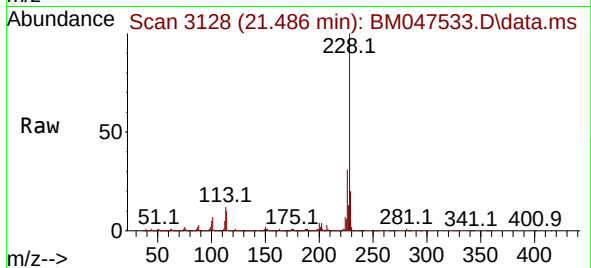
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 4430374

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

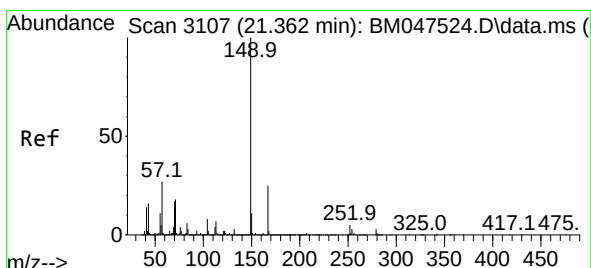
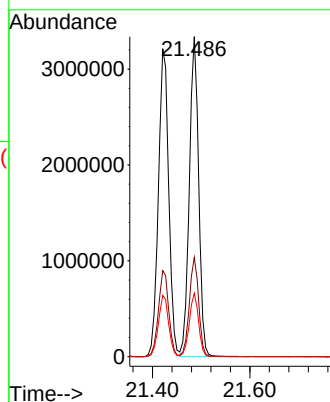
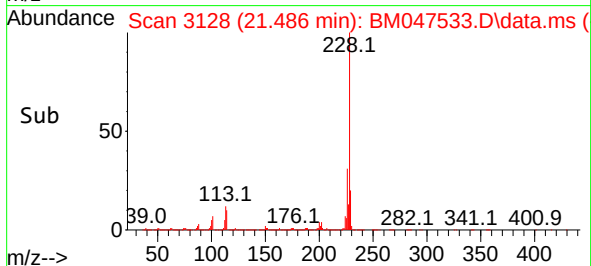
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.311 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

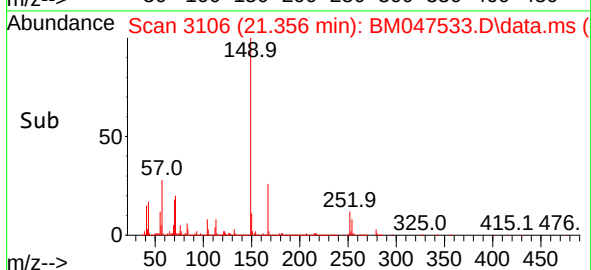
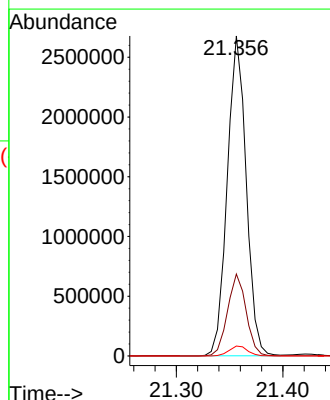
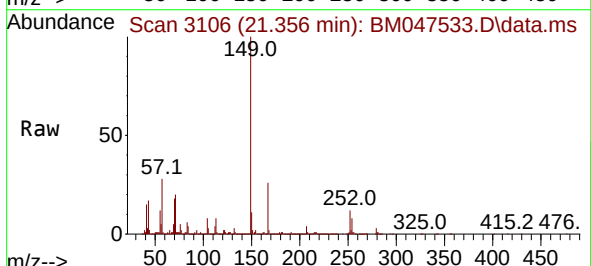
Tgt Ion:149 Resp: 3302911

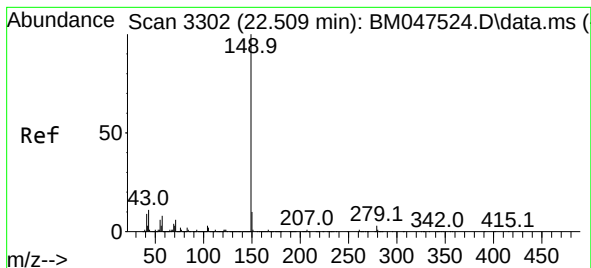
Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.4

279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.252 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 466541

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

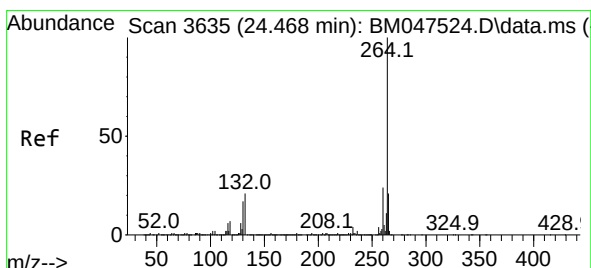
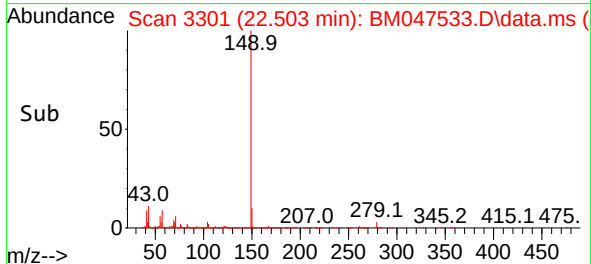
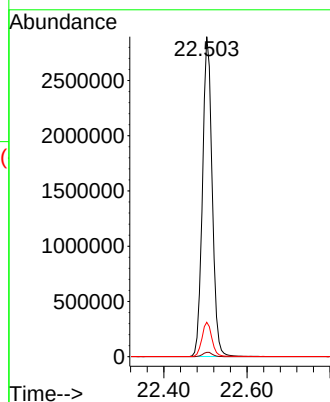
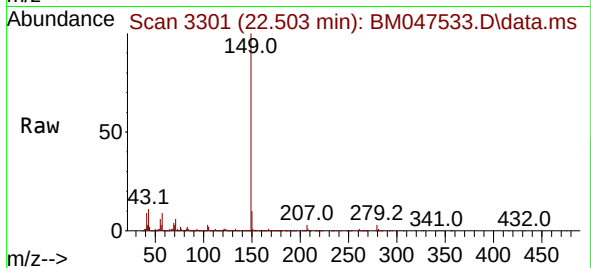
43 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

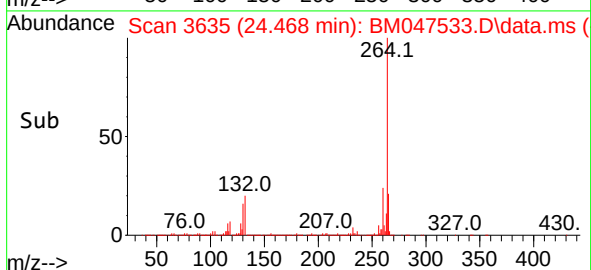
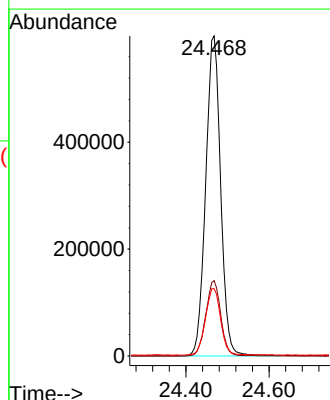
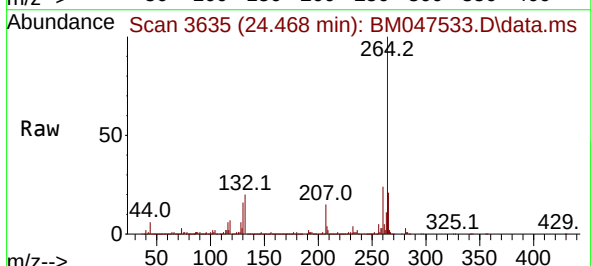
Tgt Ion:264 Resp: 1492872

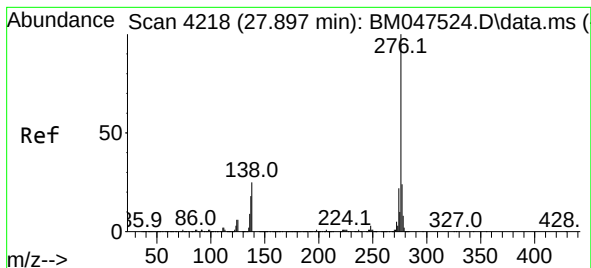
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.637 ng

RT: 27.891 min Scan# 4218

Delta R.T. -0.006 min

Lab File: BM047533.D

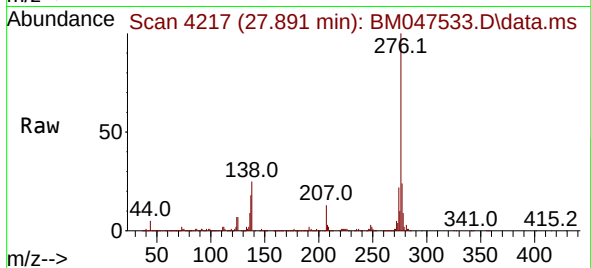
Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 3541214

Ion Ratio Lower Upper

276 100

138 31.4 25.0 37.6

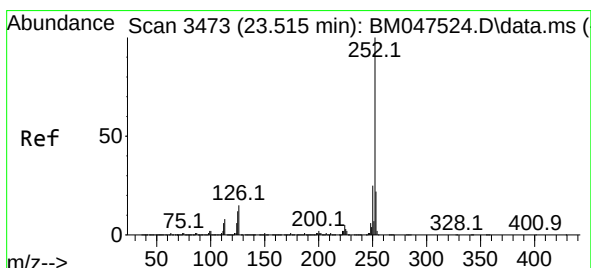
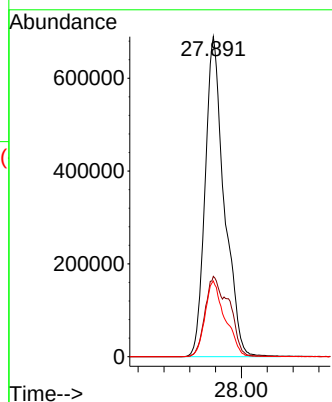
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#88

Benzo(b)fluoranthene

Concen: 42.001 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

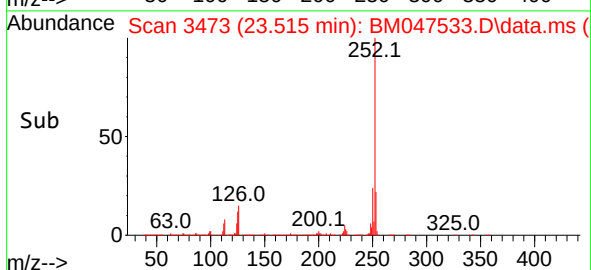
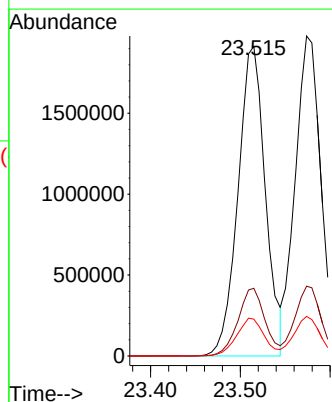
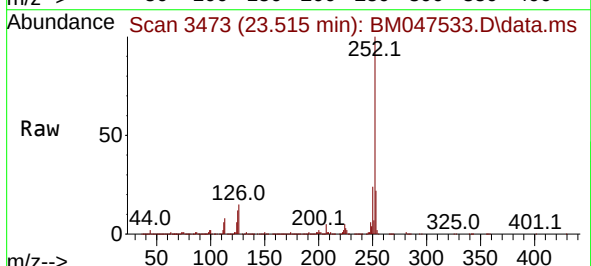
Tgt Ion:252 Resp: 4056932

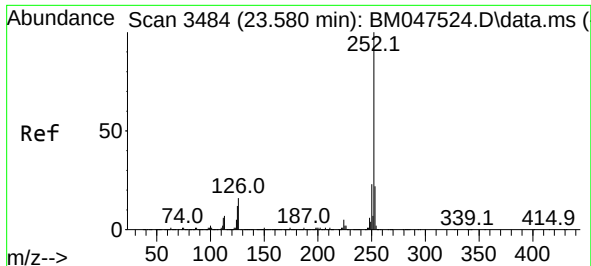
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

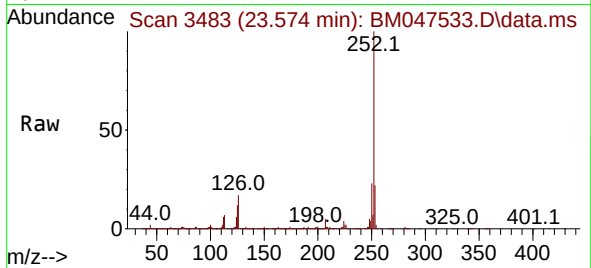
125 11.9 9.5 14.3





#89
Benzo(k)fluoranthene
Concen: 41.296 ng
RT: 23.574 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16

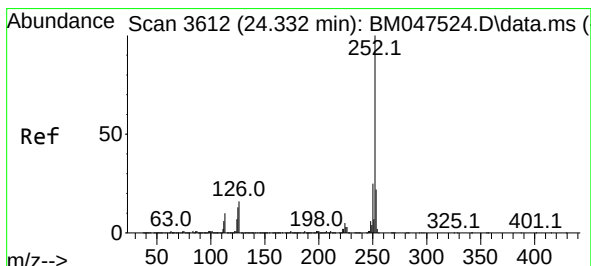
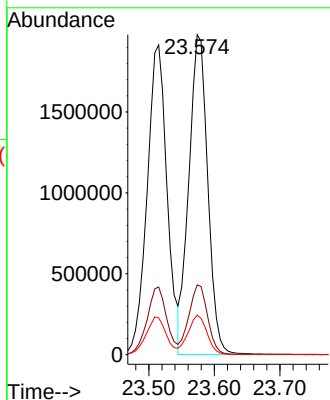
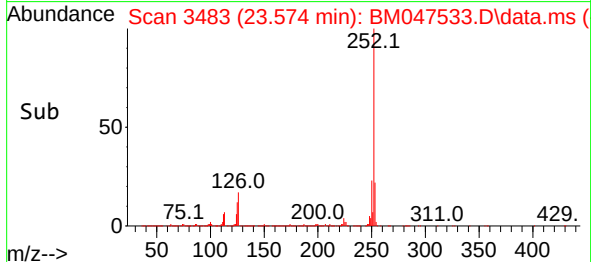
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



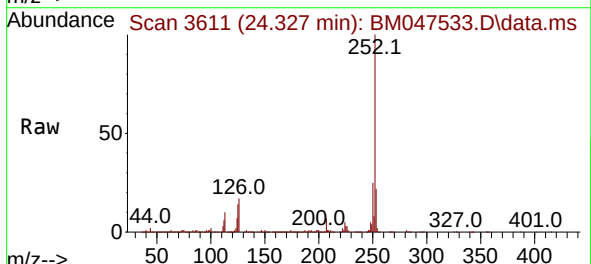
Tgt Ion:252 Resp: 3953235
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 12.4 9.5 14.3

Manual Integrations
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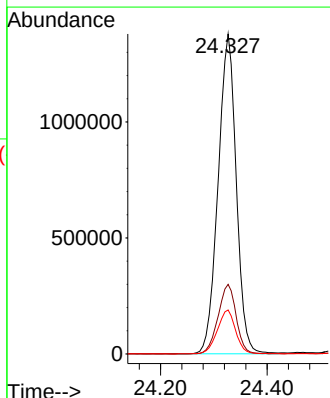
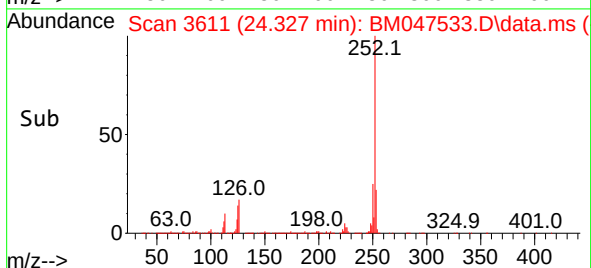
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

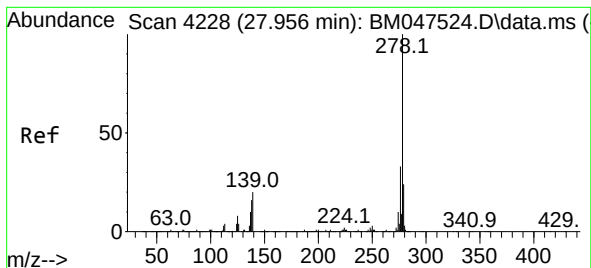


#90
Benzo(a)pyrene
Concen: 41.189 ng
RT: 24.327 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BM047533.D
Acq: 16 Sep 2024 10:16



Tgt Ion:252 Resp: 3260773
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 13.8 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 39.299 ng

RT: 27.956 min Scan# 4399

Delta R.T. 0.000 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 295396

Ion Ratio Lower Upper

278 100

139 19.5 15.9 23.9

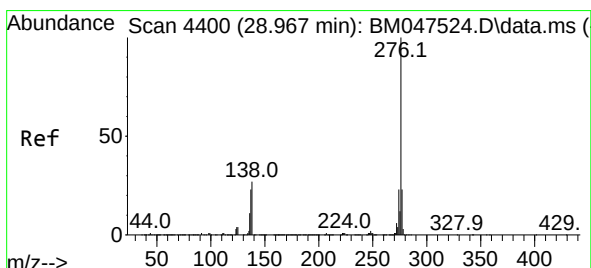
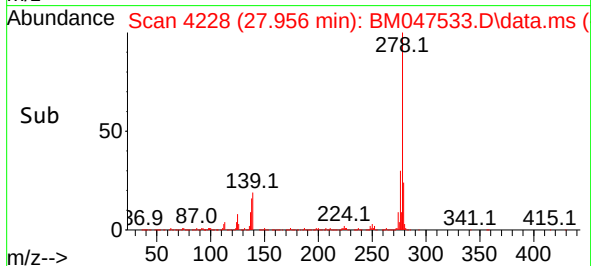
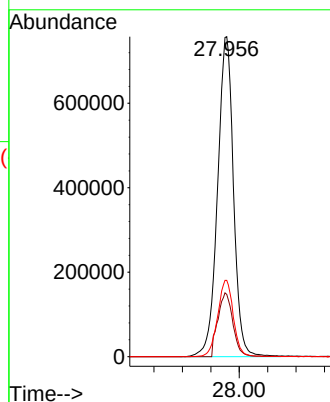
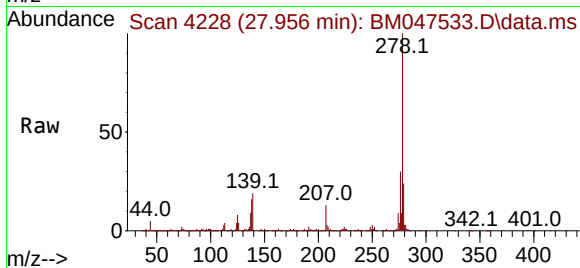
279 23.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024



#92

Benzo(g,h,i)perylene

Concen: 39.113 ng

RT: 28.962 min Scan# 4399

Delta R.T. -0.006 min

Lab File: BM047533.D

Acq: 16 Sep 2024 10:16

Tgt Ion:276 Resp: 2871861

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 26.4 21.5 32.3

