

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042447.D
 Acq On : 25 Oct 2023 20:54
 Operator : MA/JU
 Sample : 04905-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-COMP-101323MSD

Quant Time: Oct 26 00:49:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	142933	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	564261	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	325346	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	693681	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	664479	20.000	ng	-0.01
86) Perylene-d12	24.027	264	722490	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1106778	109.438	ng	0.00
7) Phenol-d6	7.145	99	1435468	105.915	ng	0.00
23) Nitrobenzene-d5	9.192	82	948025	74.294	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	511632	141.515	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1843676	76.310	ng	-0.01
79) Terphenyl-d14	19.997	244	2828871	75.502	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	166041	34.866	ng	97
3) Pyridine	3.804	79	422155	30.215	ng	96
4) n-Nitrosodimethylamine	3.734	42	243475	34.514	ng	92
6) Aniline	7.334	93	494104	28.634	ng	96
8) 2-Chlorophenol	7.545	128	449351	44.777	ng	95
9) Benzaldehyde	7.151	77	166738	21.122	ng	95
10) Phenol	7.175	94	583159	41.641	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	460426	40.045	ng	98
12) 1,3-Dichlorobenzene	7.869	146	483940	46.624	ng	97
13) 1,4-Dichlorobenzene	8.028	146	493911	47.272	ng	98
14) 1,2-Dichlorobenzene	8.339	146	474159	47.261	ng	98
15) Benzyl Alcohol	8.251	79	428766	42.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	720757m	39.617	ng	
17) 2-Methylphenol	8.433	107	382732	41.415	ng	97
18) Hexachloroethane	9.057	117	191400	47.584	ng	# 91
19) n-Nitroso-di-n-propyla...	8.810	70	378637	41.219	ng	96
20) 3+4-Methylphenols	8.769	107	517233	41.728	ng	97
22) Acetophenone	8.839	105	686297	44.582	ng	97
24) Nitrobenzene	9.233	77	549600	43.051	ng	97
25) Isophorone	9.745	82	990389	45.671	ng	98
26) 2-Nitrophenol	9.933	139	240304	48.857	ng	94
27) 2,4-Dimethylphenol	9.975	122	379012	43.088	ng	98
28) bis(2-Chloroethoxy)met...	10.227	93	604110	43.970	ng	99
29) 2,4-Dichlorophenol	10.457	162	418721	54.739	ng	96
30) 1,2,4-Trichlorobenzene	10.663	180	447167	54.529	ng	99
31) Naphthalene	10.863	128	1376848	47.506	ng	100
32) Benzoic acid	10.116	122	339151	52.193	ng	97
33) 4-Chloroaniline	10.998	127	278739	22.151	ng	98
34) Hexachlorobutadiene	11.092	225	267502	60.282	ng	97
35) Caprolactam	11.827	113	136752	45.403	ng	91
36) 4-Chloro-3-methylphenol	12.098	107	457195	49.528	ng	96
37) 2-Methylnaphthalene	12.469	142	913551	46.824	ng	99
38) 1-Methylnaphthalene	12.686	142	888921	48.635	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	504150	53.601	ng	97
41) Hexachlorocyclopentadiene	12.763	237	338868	67.223	ng	99
43) 2,4,6-Trichlorophenol	13.068	196	329217	54.070	ng	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	355192	49.349	ng	94
46) 1,1'-Biphenyl	13.474	154	1208025	46.805	ng	98
47) 2-Chloronaphthalene	13.521	162	911091	48.115	ng	99
48) 2-Nitroaniline	13.757	65	323490	39.375	ng	92
49) Acenaphthylene	14.368	152	1513249	49.501	ng	100
50) Dimethylphthalate	14.104	163	1111200	46.563	ng	100
51) 2,6-Dinitrotoluene	14.245	165	240960	44.916	ng	86
52) Acenaphthene	14.704	154	861495	46.613	ng	99
53) 3-Nitroaniline	14.586	138	187685	30.642	ng	92
54) 2,4-Dinitrophenol	14.786	184	208791	64.336	ng	91
55) Dibenzofuran	15.039	168	1388588	47.502	ng	97
56) 4-Nitrophenol	14.874	139	467566	96.200	ng	93
57) 2,4-Dinitrotoluene	15.027	165	327156	45.616	ng	84
58) Fluorene	15.686	166	1106442	47.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	312263	57.751	ng	89
60) Diethylphthalate	15.445	149	1109995	47.134	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	564843	51.996	ng	93
62) 4-Nitroaniline	15.745	138	243226	40.332	ng	96
63) Azobenzene	15.968	77	1231743	43.595	ng	95
65) 4,6-Dinitro-2-methylph...	15.774	198	140145	33.704	ng	83
66) n-Nitrosodiphenylamine	15.898	169	954623	45.690	ng	98
67) 4-Bromophenyl-phenylether	16.568	248	313835	48.814	ng	93
68) Hexachlorobenzene	16.656	284	393198	57.216	ng	# 90
69) Atrazine	16.845	200	349962	66.050	ng	98
70) Pentachlorophenol	17.015	266	562002	96.617	ng	99
71) Phenanthrene	17.433	178	1768833	46.873	ng	100
72) Anthracene	17.521	178	1783016	47.708	ng	100
73) Carbazole	17.809	167	1653325	47.156	ng	98
74) Di-n-butylphthalate	18.327	149	2071891	46.745	ng	99
75) Fluoranthene	19.439	202	2181779	52.496	ng	98
77) Benzidine	19.650	184	1444980	150.343	ng	99
78) Pyrene	19.809	202	2253794	48.538	ng	100
80) Butylbenzylphthalate	20.686	149	994659	47.307	ng	91
81) Benzo(a)anthracene	21.550	228	2161729	48.529	ng	99
82) 3,3'-Dichlorobenzidine	21.491	252	756031	56.854	ng	# 98
83) Chrysene	21.609	228	1955028	45.695	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1473079	49.144	ng	97
85) Di-n-octyl phthalate	22.374	149	2567944	49.636	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2323287	44.002	ng	93
88) Benzo(b)fluoranthene	23.268	252	2092134	48.108	ng	# 97
89) Benzo(k)fluoranthene	23.321	252	1981640	43.890	ng	# 96
90) Benzo(a)pyrene	23.921	252	1828330	43.679	ng	# 96
91) Dibenzo(a,h)anthracene	26.632	278	1939422	44.180	ng	97
92) Benzo(g,h,i)perylene	27.426	276	1838596	43.127	ng	# 93

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

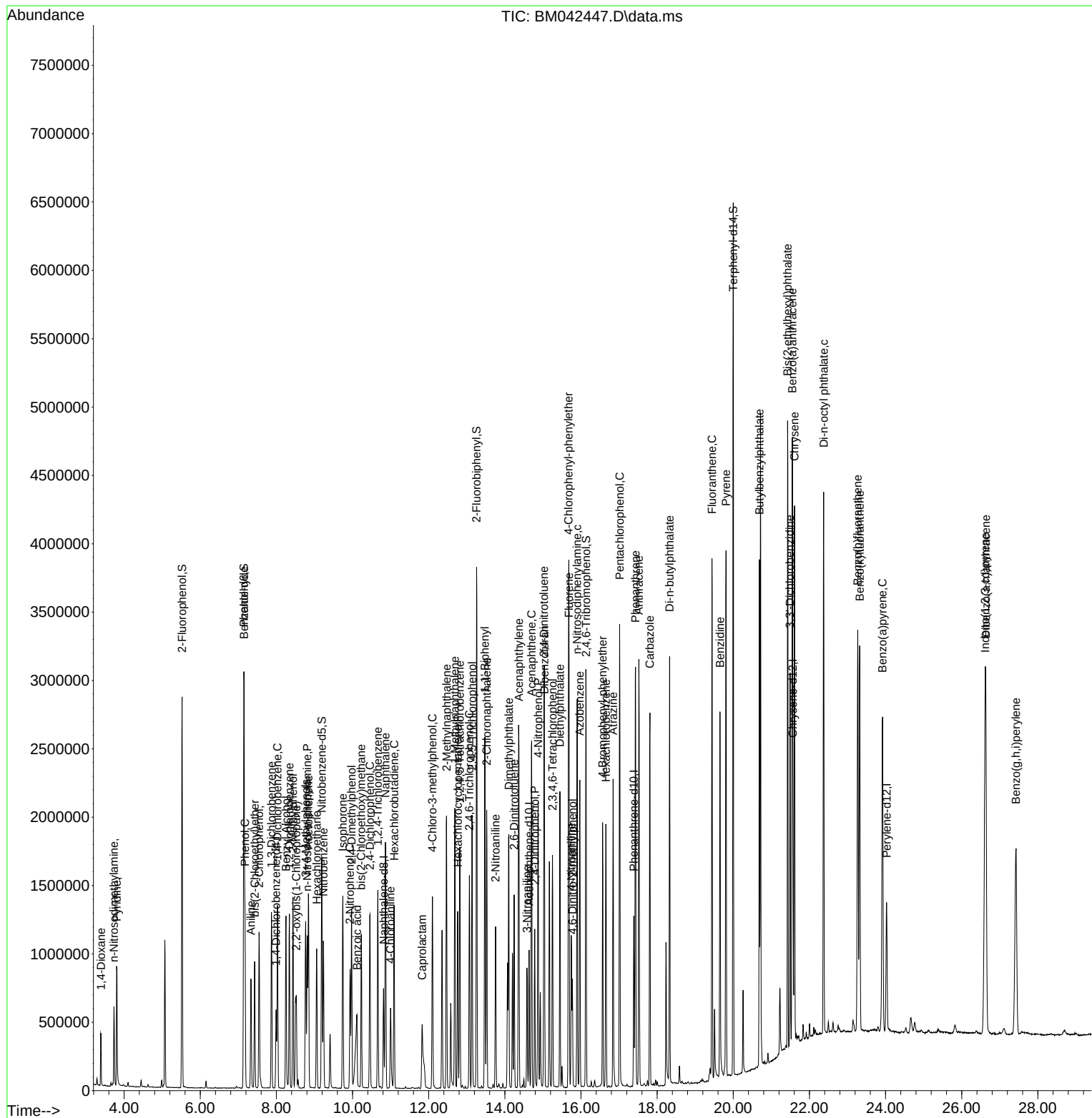
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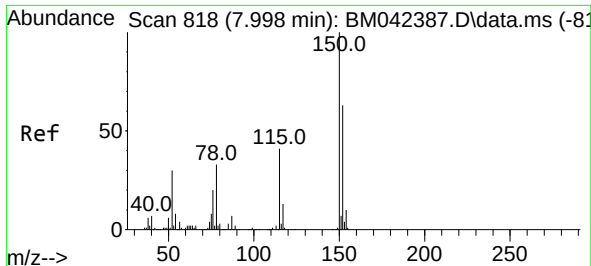
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 ClientSampleId :
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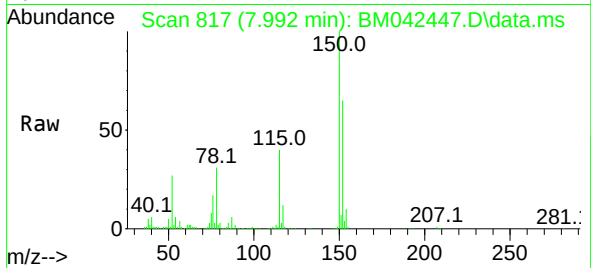
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54

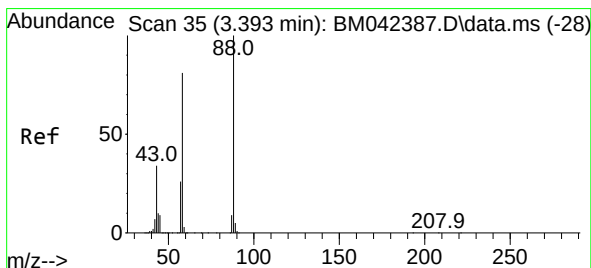
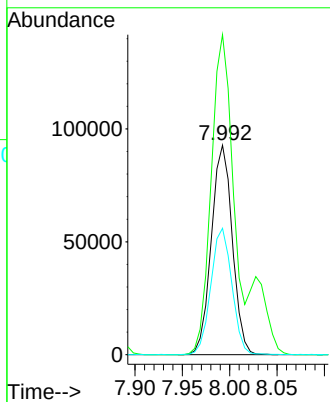
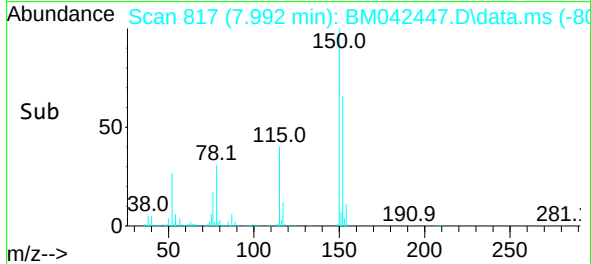
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-COMP-101323MSD



Tgt Ion: 152 Resp: 14293
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.2 189.4
 115 60.3 51.9 77.9

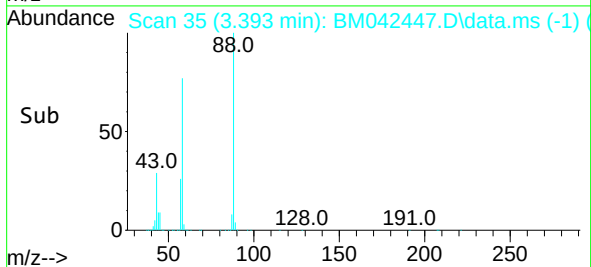
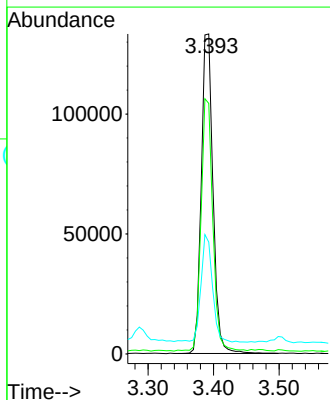
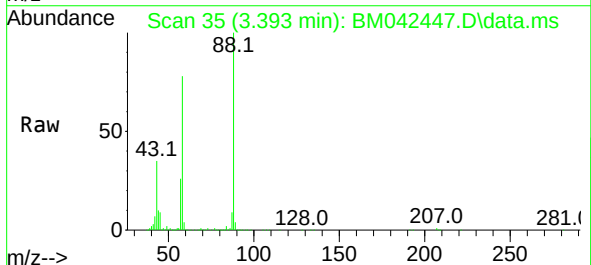
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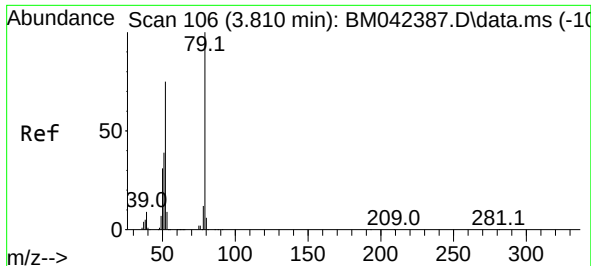
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#2
 1,4-Dioxane
 Concen: 34.866 ng
 RT: 3.393 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54

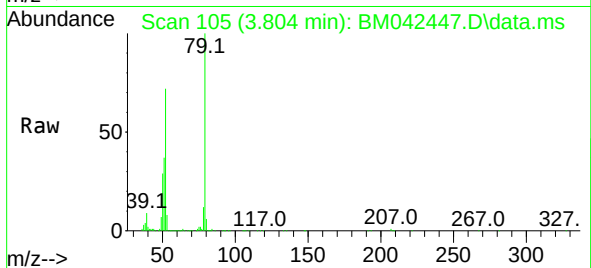
Tgt Ion: 88 Resp: 166041
 Ion Ratio Lower Upper
 88 100
 58 78.7 64.9 97.3
 43 32.8 27.8 41.8





#3
Pyridine
Concen: 30.215 ng
RT: 3.804 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

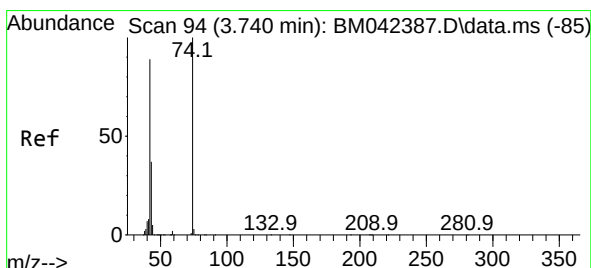
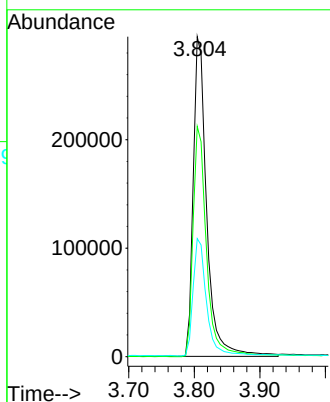
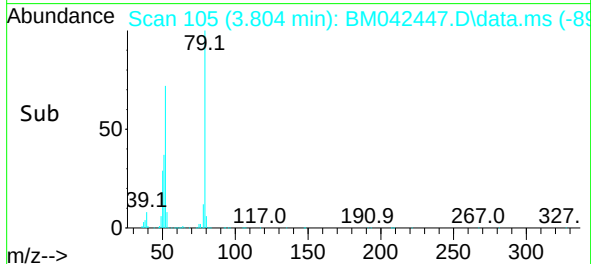
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion: 79 Resp: 42215
Ion Ratio Lower Upper
79 100
52 72.0 60.3 90.5
51 36.9 32.0 48.0

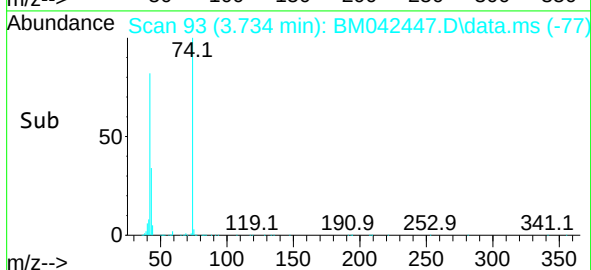
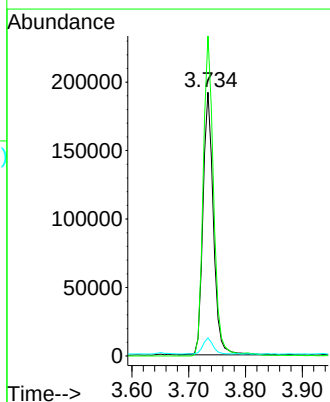
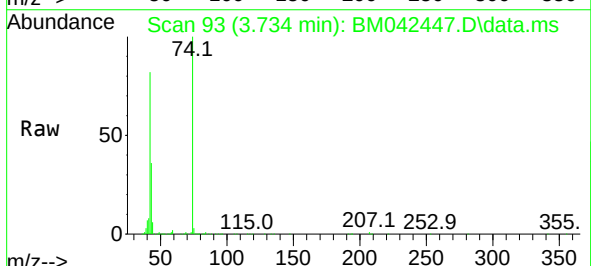
Manual Integrations
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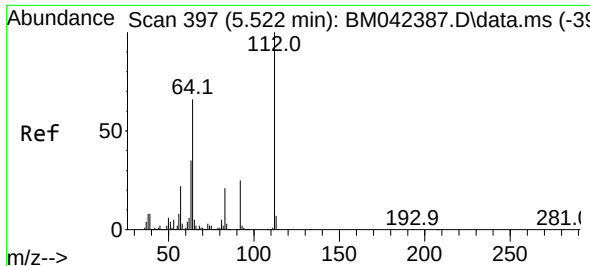
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 34.514 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion: 42 Resp: 243475
Ion Ratio Lower Upper
42 100
74 121.4 89.4 134.2
44 6.8 5.4 8.0





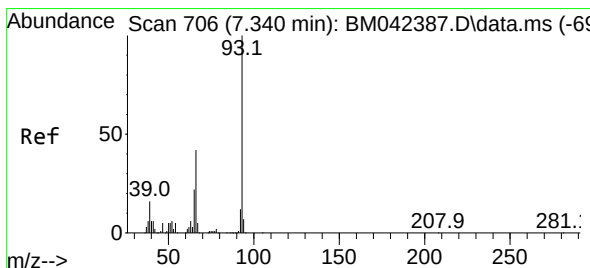
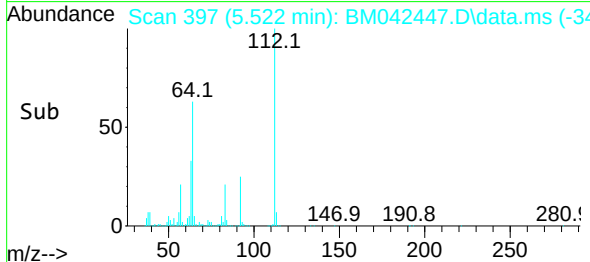
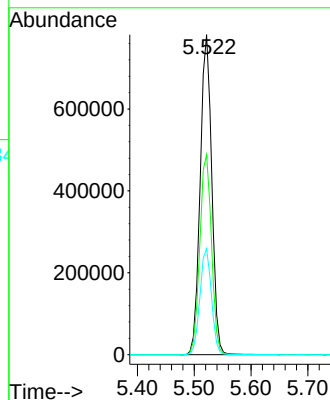
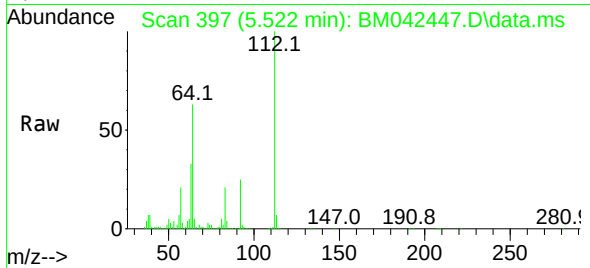
#5
2-Fluorophenol
Concen: 109.438 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD

Tgt Ion: 112 Resp: 1106778
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.2 28.3 42.5

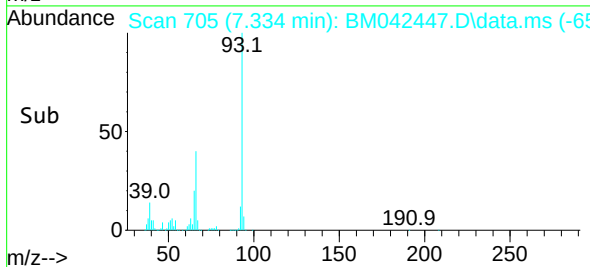
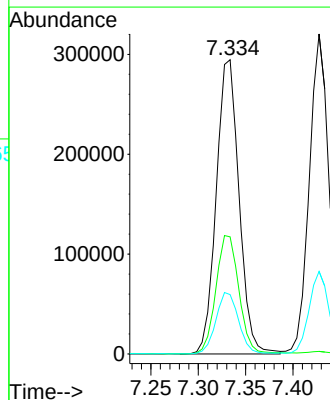
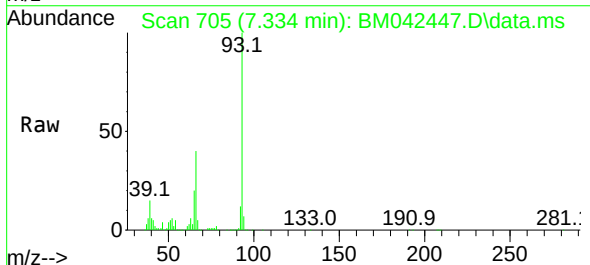
Manual Integrations
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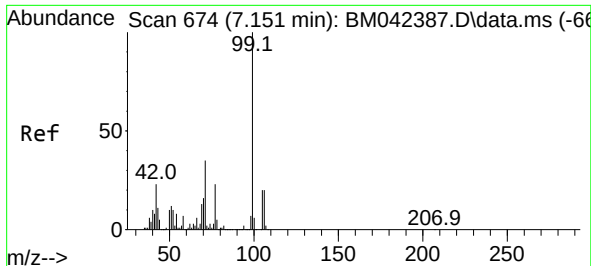
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 28.634 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

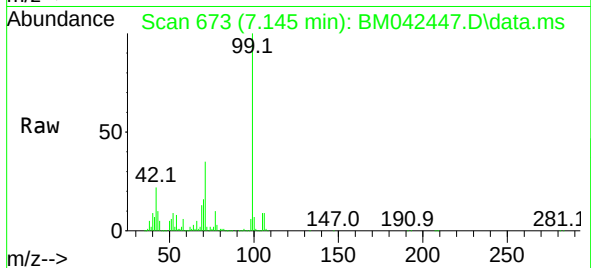
Tgt Ion: 93 Resp: 494104
Ion Ratio Lower Upper
93 100
66 39.8 33.8 50.8
65 20.2 17.4 26.2





#7
Phenol-d6
Concen: 105.915 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

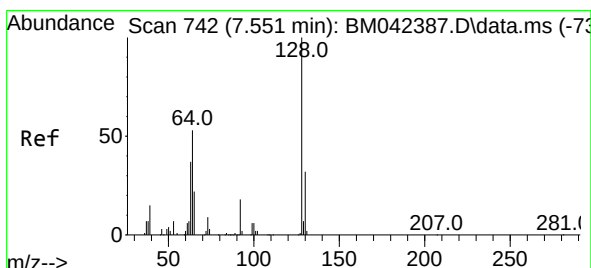
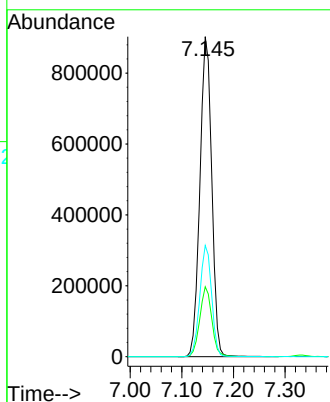
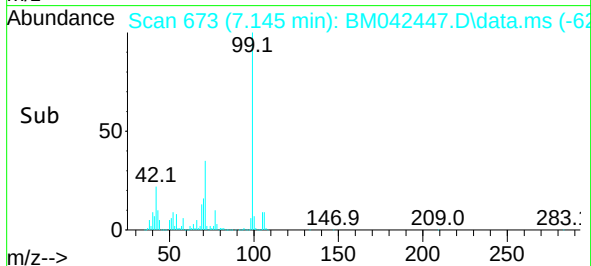
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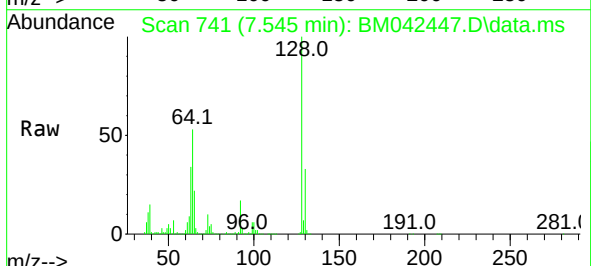
Tgt Ion: 99 Resp: 143546
Ion Ratio Lower Upper
99 100
42 21.8 18.5 27.7
71 34.7 27.7 41.5

Manual Integrations
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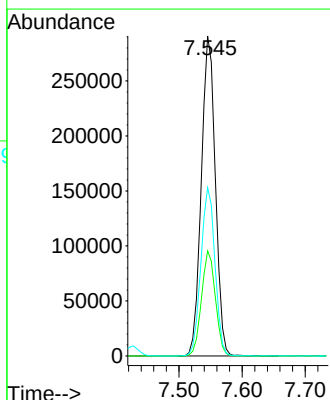
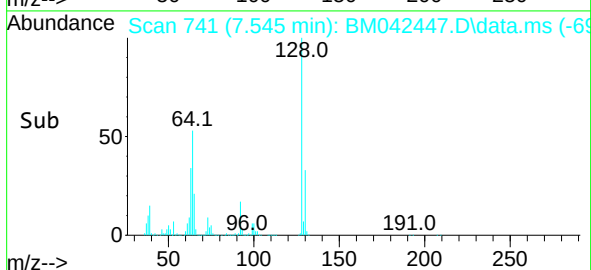
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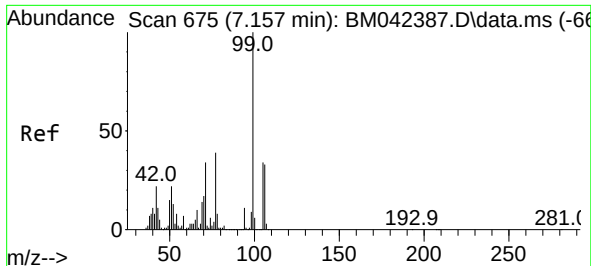


#8
2-Chlorophenol
Concen: 44.777 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



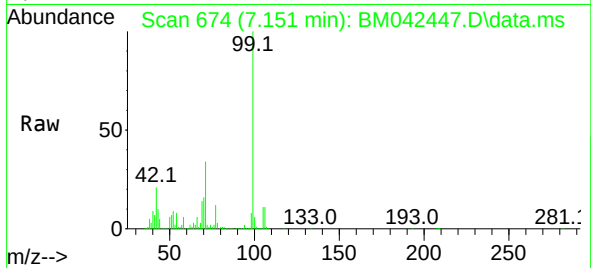
Tgt Ion:128 Resp: 449351
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 52.6 38.2 78.2





#9
Benzaldehyde
Concen: 21.122 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042447.D
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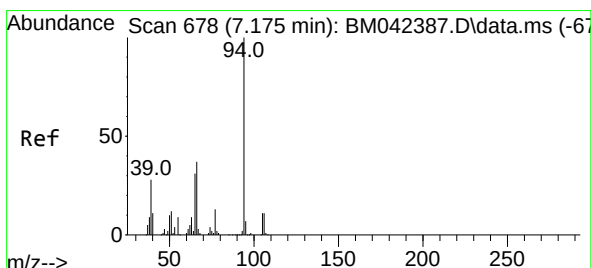
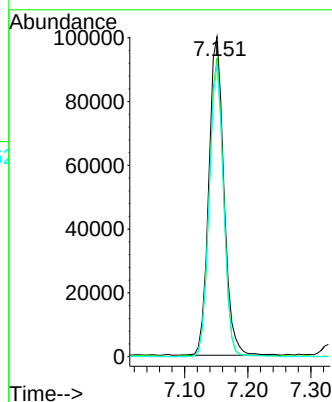
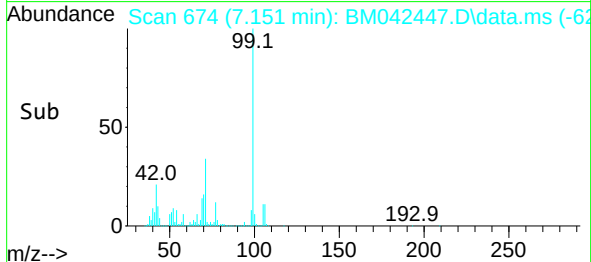
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Tgt Ion: 77 Resp: 166738
Ion Ratio Lower Upper
77 100
105 93.3 68.7 108.7
106 91.2 65.8 105.8

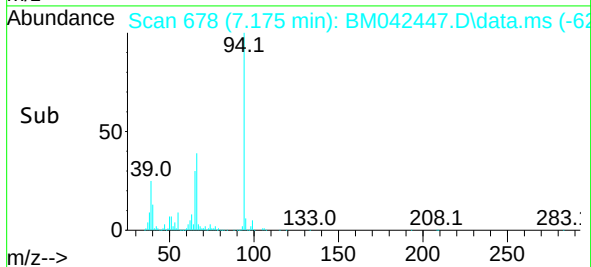
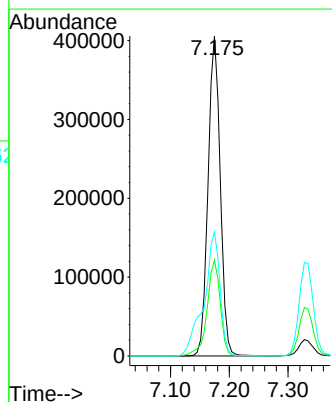
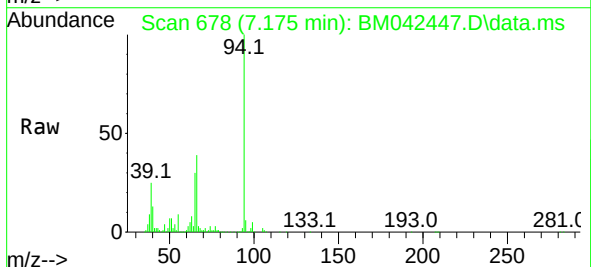
Manual Integrations
APPROVED

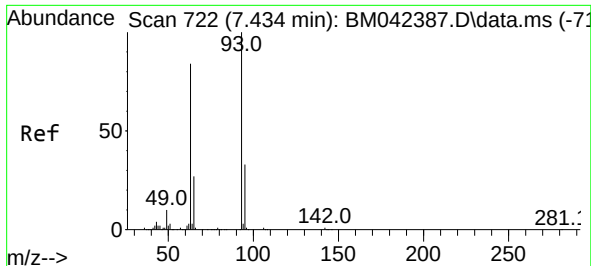
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#10
Phenol
Concen: 41.641 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

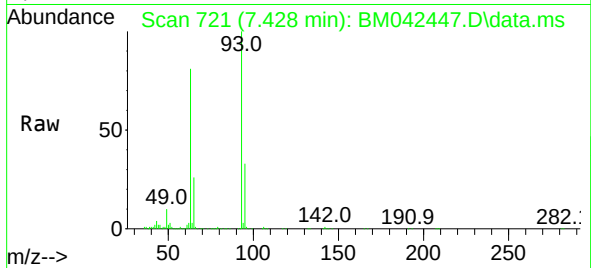
Tgt Ion: 94 Resp: 583159
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.7 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 40.045 ng
RT: 7.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

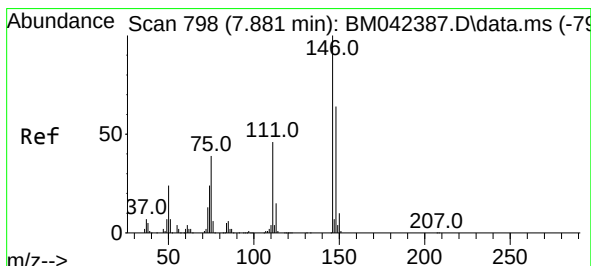
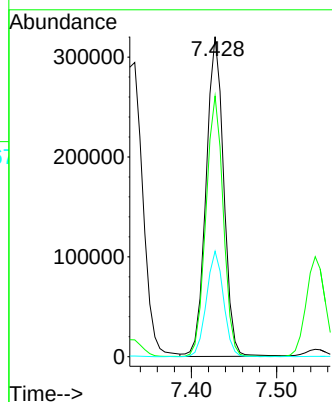
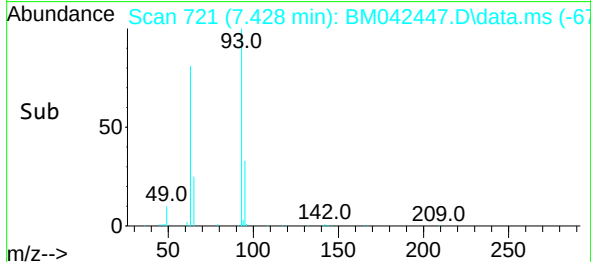
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion: 93 Resp: 460420
Ion Ratio Lower Upper
93 100
63 81.4 64.2 104.2
95 33.0 12.6 52.6

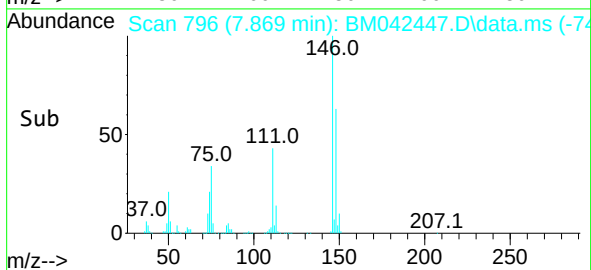
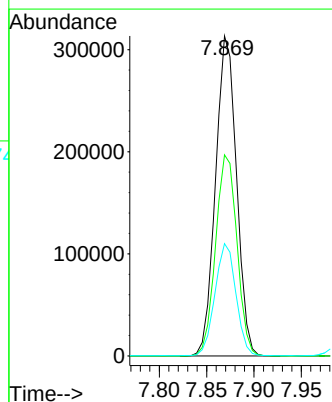
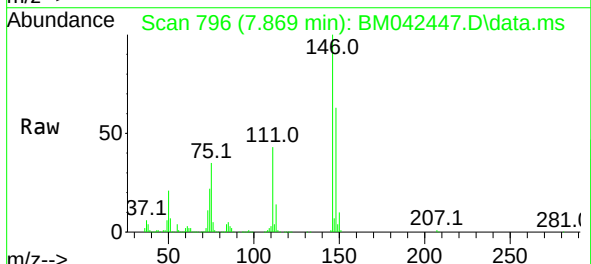
Manual Integrations
APPROVED

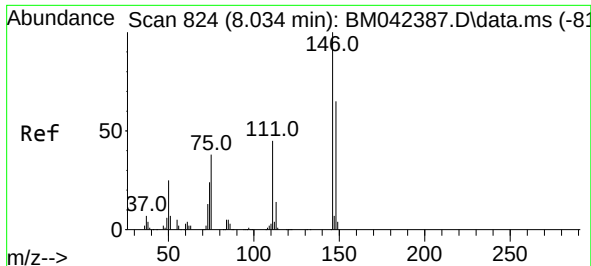
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 46.624 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion:146 Resp: 483940
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
75 35.1 30.9 46.3





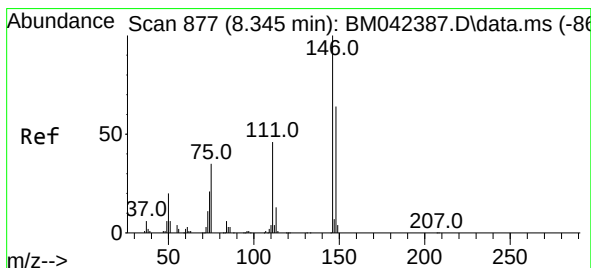
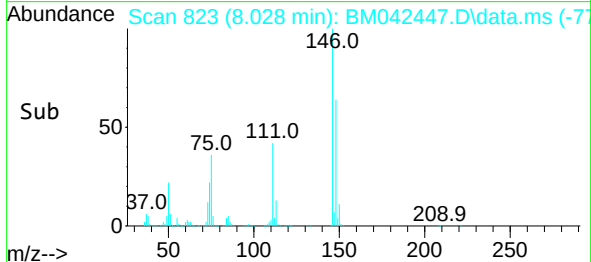
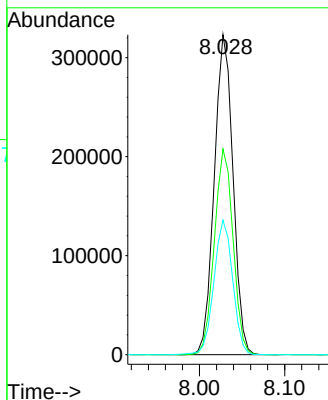
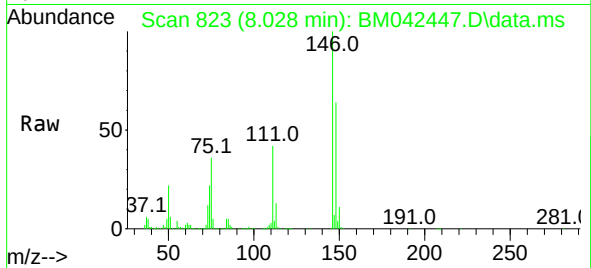
#13
1,4-Dichlorobenzene
Concen: 47.272 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD

Tgt Ion:146 Resp: 49391
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
111 42.1 35.9 53.9

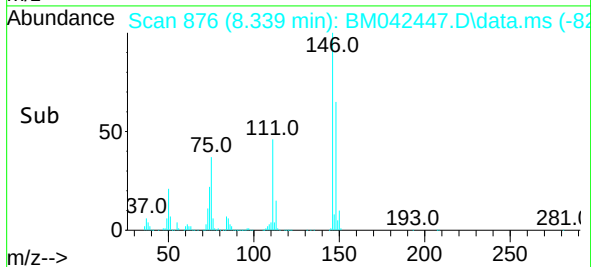
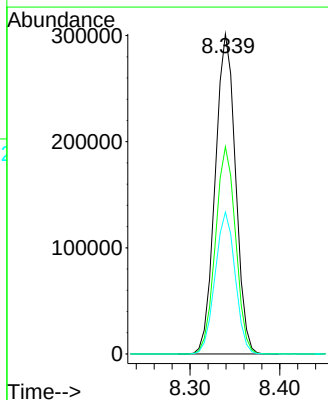
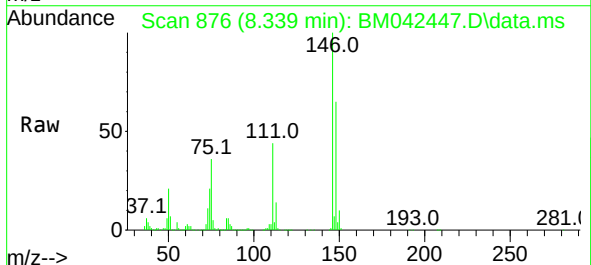
Manual Integrations
APPROVED

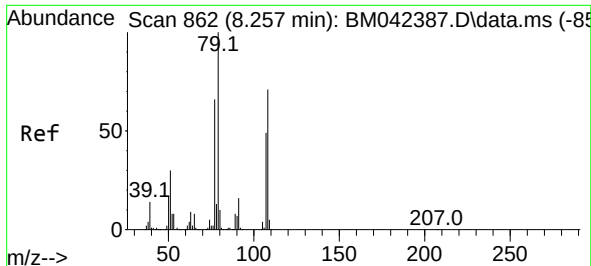
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 47.261 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

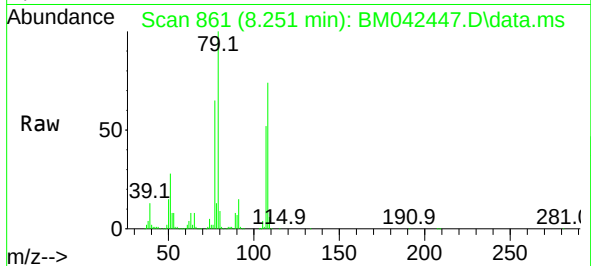
Tgt Ion:146 Resp: 474159
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 44.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.677 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

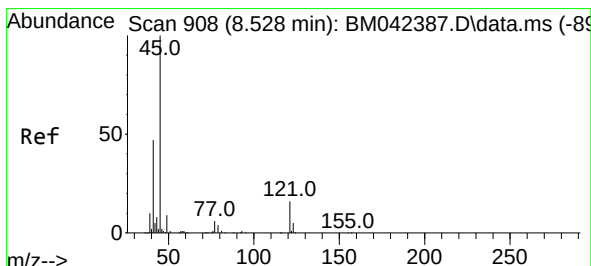
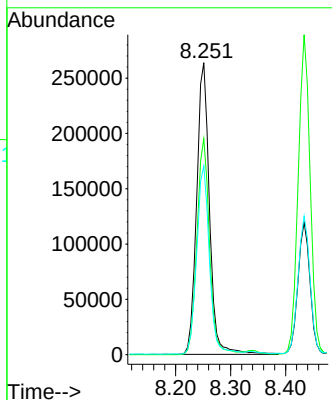
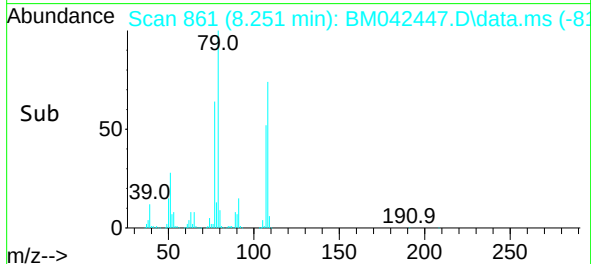
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



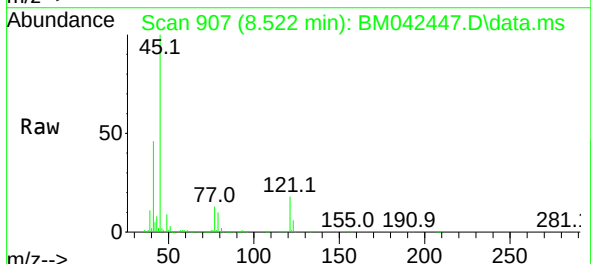
Tgt Ion: 79 Resp: 428760
Ion Ratio Lower Upper
79 100
108 74.0 57.1 85.7
77 64.7 52.9 79.3

Manual Integrations
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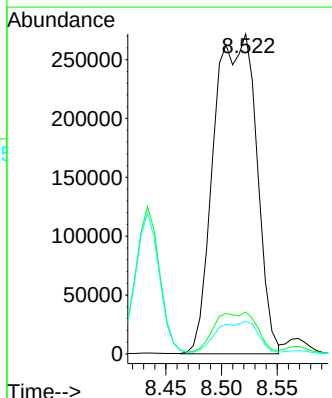
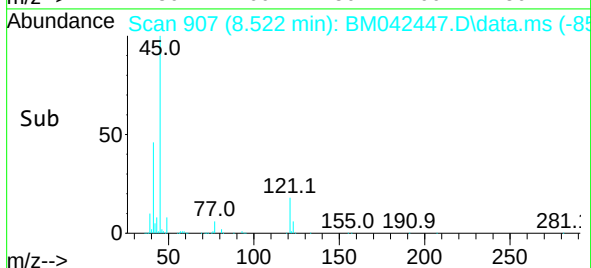
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

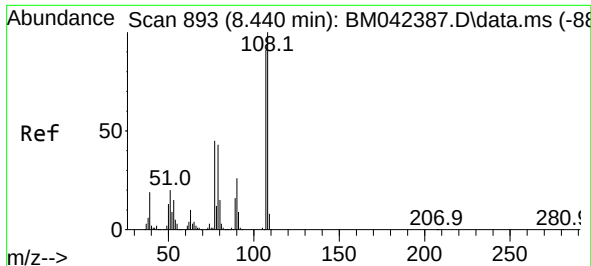


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.617 ng m
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



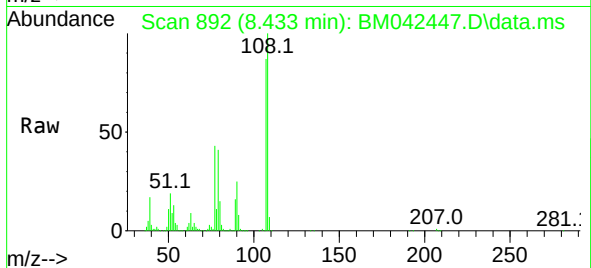
Tgt Ion: 45 Resp: 720757
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.2
79 10.2 0.0 30.4





#17
2-Methylphenol
Concen: 41.415 ng
RT: 8.433 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

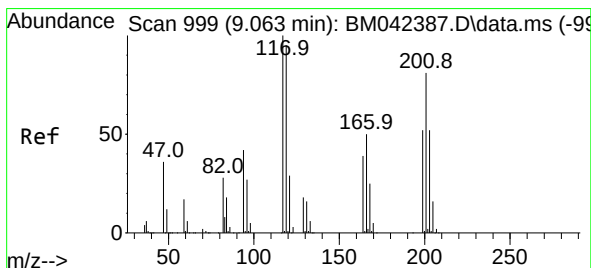
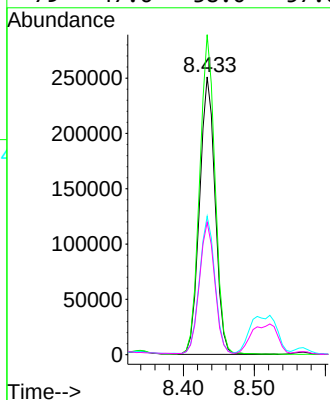
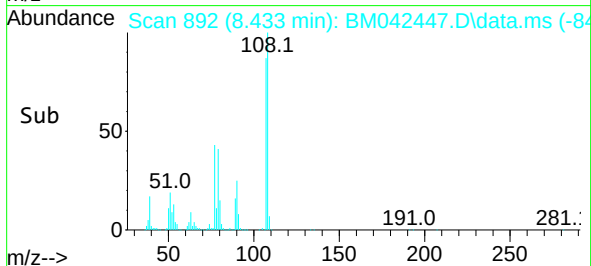
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:107 Resp: 382732
Ion Ratio Lower Upper
107 100
108 115.2 88.2 132.4
77 49.8 40.1 60.1
79 47.6 38.0 57.0

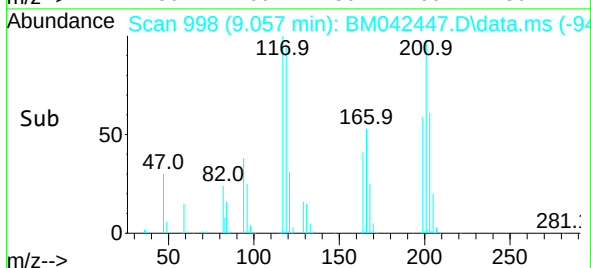
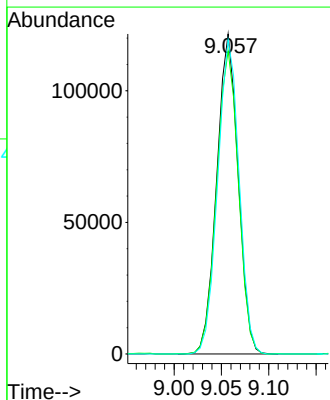
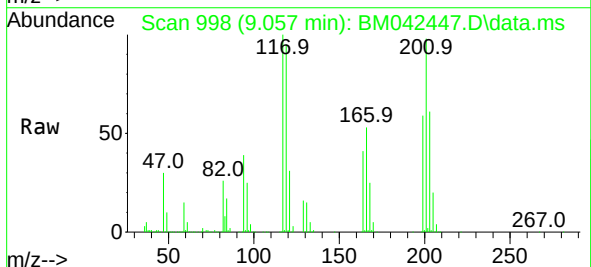
Manual Integrations
APPROVED

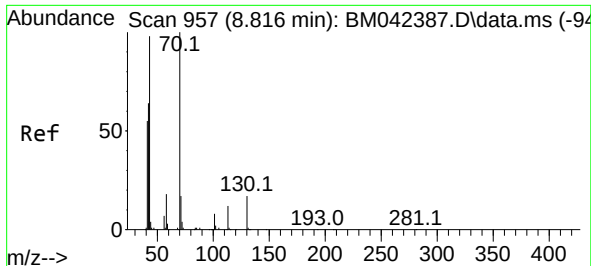
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 47.584 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

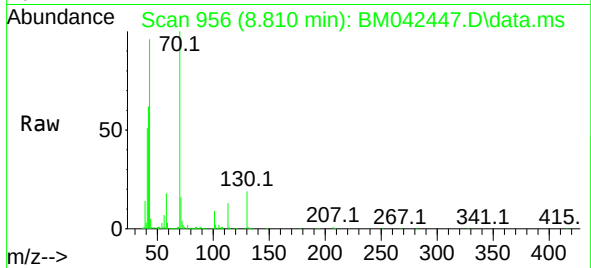
Tgt Ion:117 Resp: 191400
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
201 98.2 64.6 97.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.219 ng
RT: 8.810 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

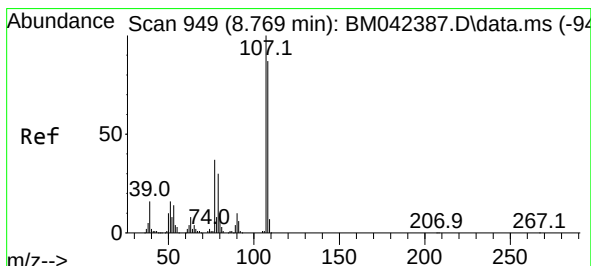
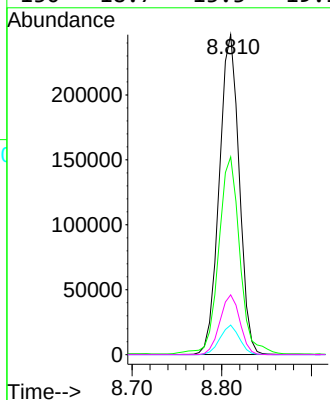
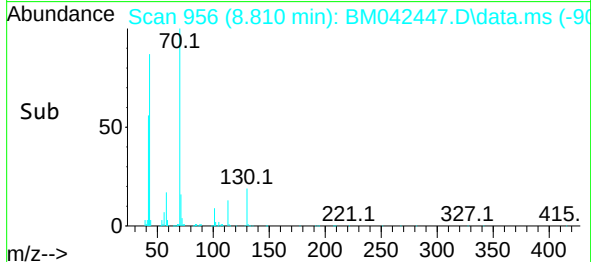
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion: 70 Resp: 37863
Ion Ratio Lower Upper
70 100
42 61.8 52.1 78.1
101 9.2 6.5 9.7
130 18.7 13.3 19.9

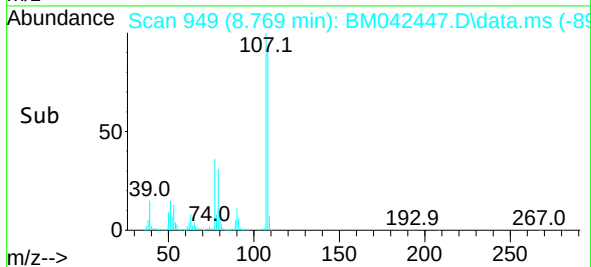
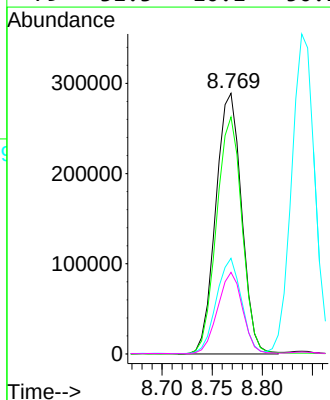
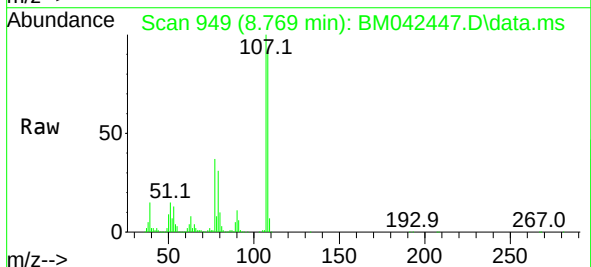
Manual Integrations
APPROVED

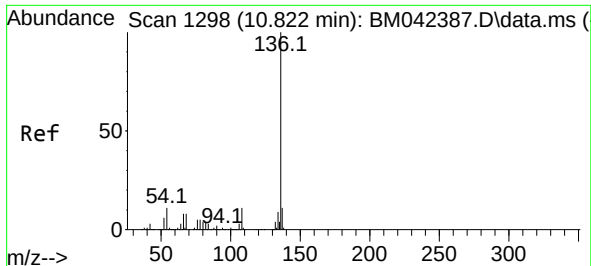
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#20
3+4-Methylphenols
Concen: 41.728 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

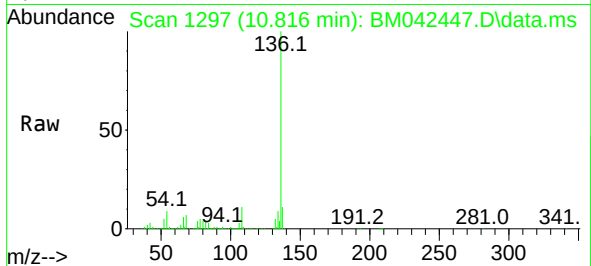
Tgt Ion:107 Resp: 517233
Ion Ratio Lower Upper
107 100
108 90.9 67.2 107.2
77 36.7 16.8 56.8
79 31.3 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

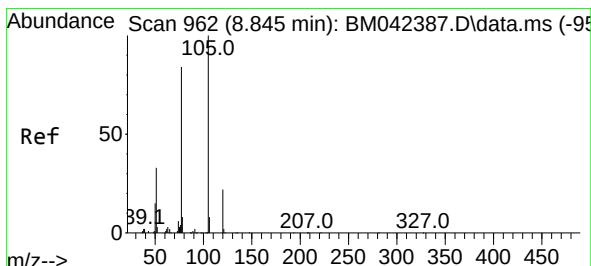
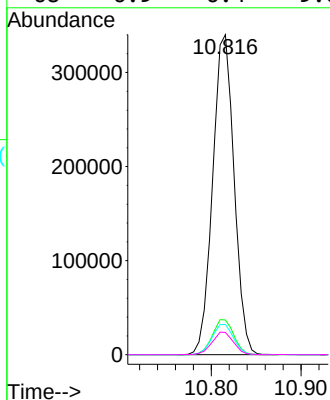
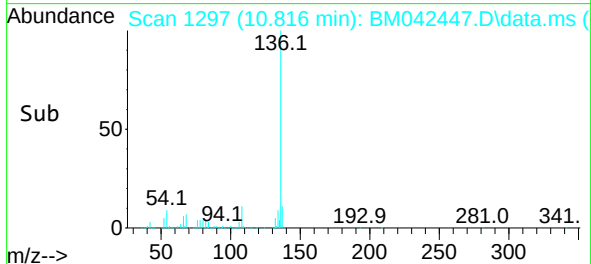
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:136 Resp: 56426
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.4 8.6 12.8
68 6.9 6.4 9.6

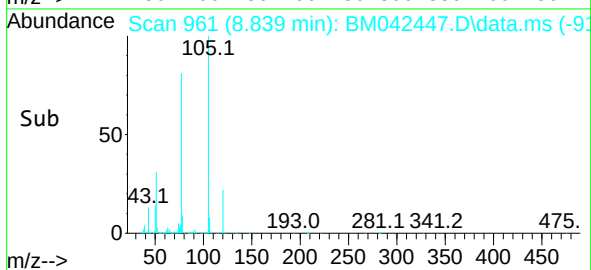
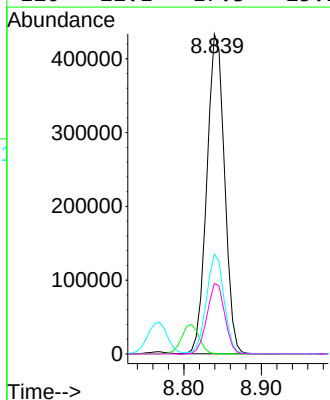
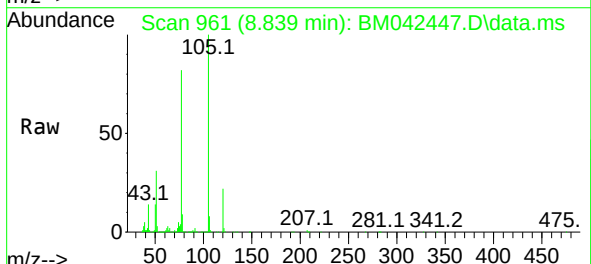
Manual Integrations
APPROVED

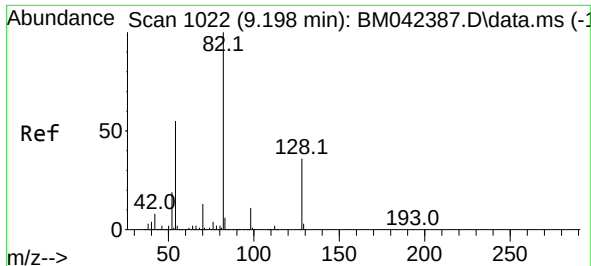
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 44.582 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion:105 Resp: 686297
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 31.2 27.1 40.7
120 22.1 17.3 25.9





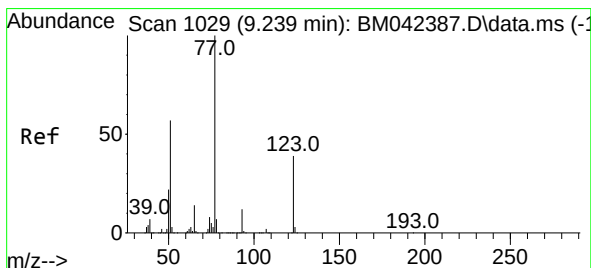
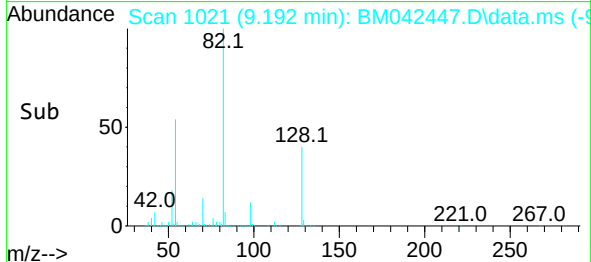
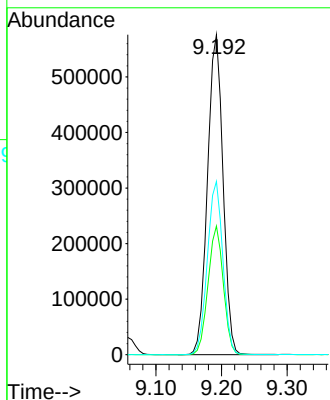
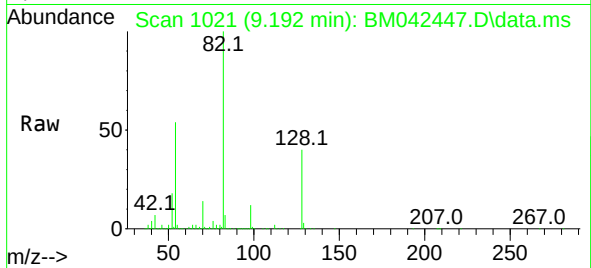
#23
Nitrobenzene-d5
Concen: 74.294 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD

Tgt Ion: 82 Resp: 948025
Ion Ratio Lower Upper
82 100
128 40.2 29.0 43.6
54 54.1 43.7 65.5

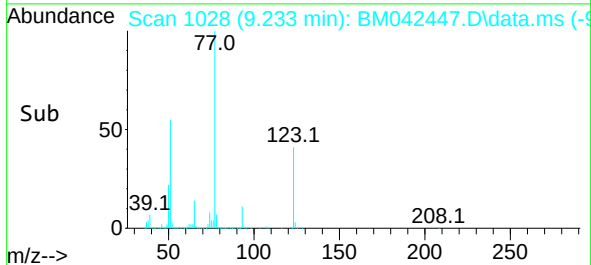
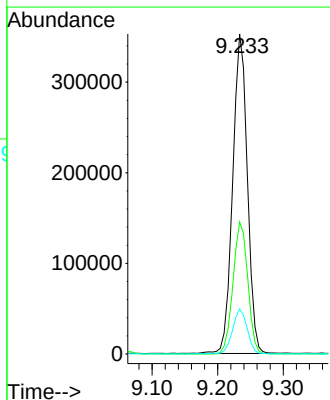
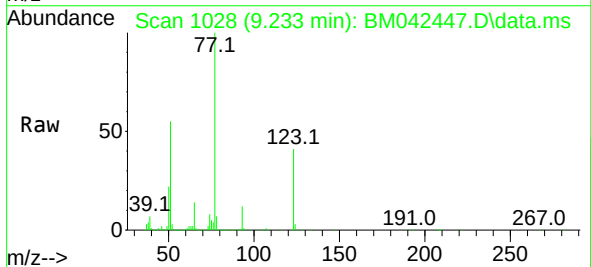
Manual Integrations
APPROVED

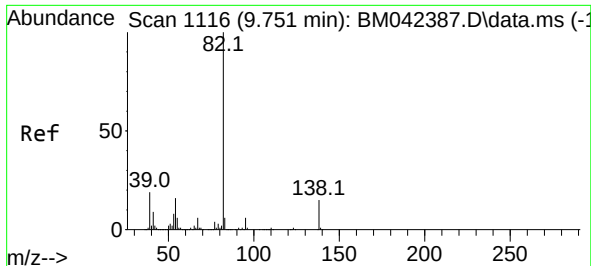
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#24
Nitrobenzene
Concen: 43.051 ng
RT: 9.233 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

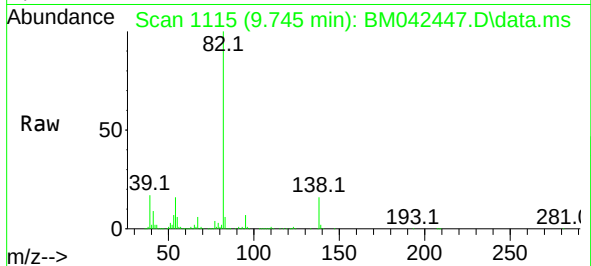
Tgt Ion: 77 Resp: 549600
Ion Ratio Lower Upper
77 100
123 41.3 31.2 46.8
65 14.0 11.4 17.0





#25
Isophorone
Concen: 45.671 ng
RT: 9.745 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

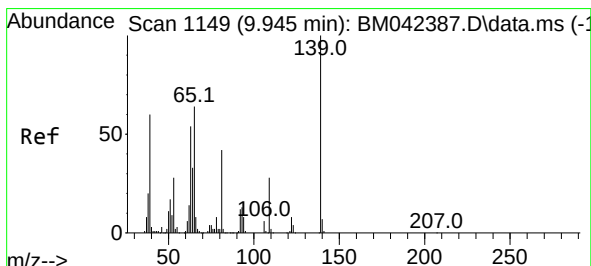
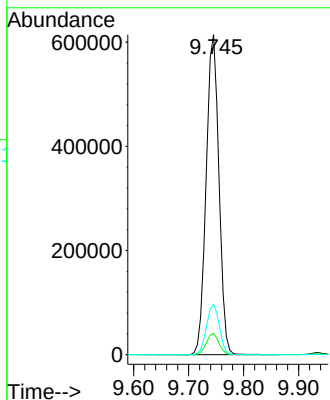
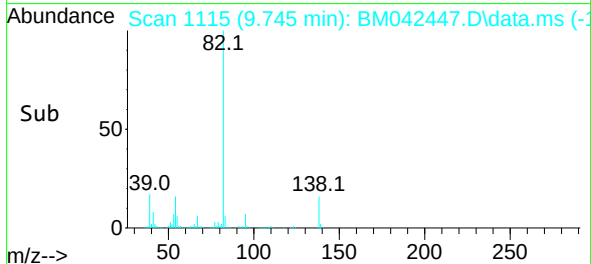
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion: 82 Resp: 990389
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.8 11.8 17.6

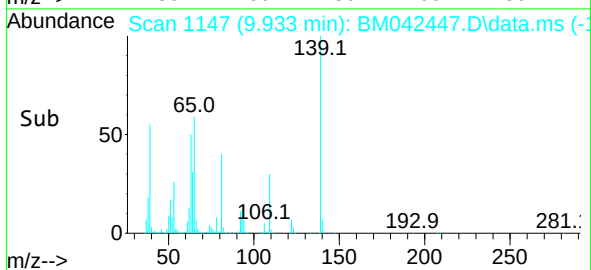
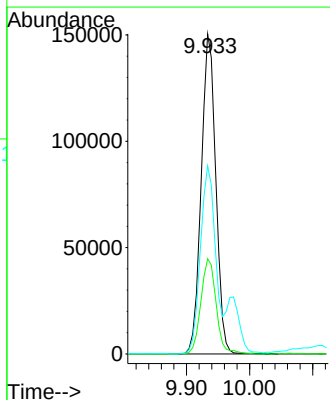
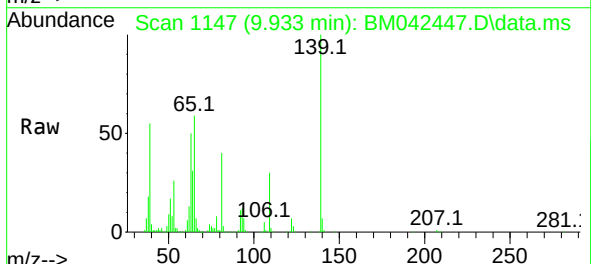
Manual Integrations
APPROVED

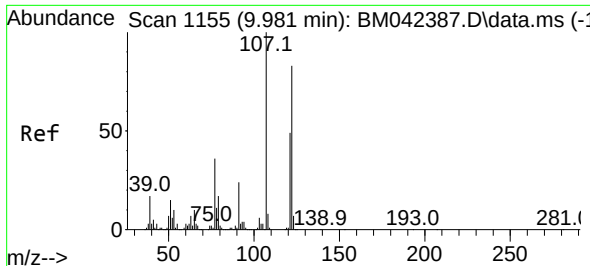
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#26
2-Nitrophenol
Concen: 48.857 ng
RT: 9.933 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

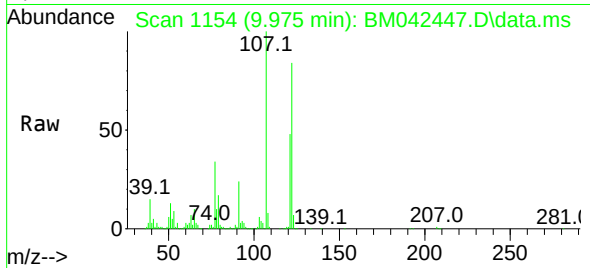
Tgt Ion:139 Resp: 240304
Ion Ratio Lower Upper
139 100
109 29.7 22.3 33.5
65 58.8 51.1 76.7





#27
2,4-Dimethylphenol
Concen: 43.088 ng
RT: 9.975 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

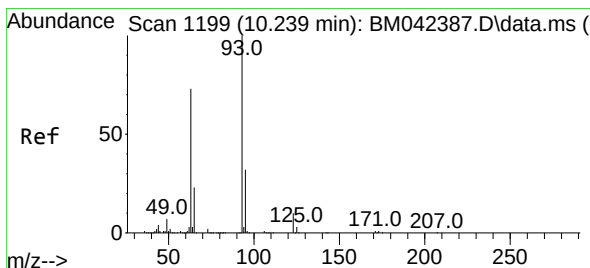
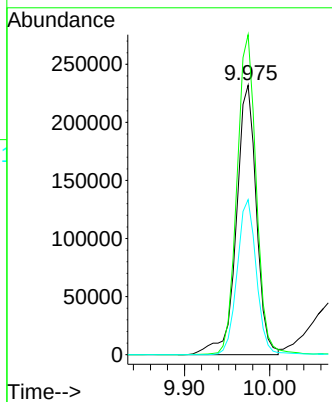
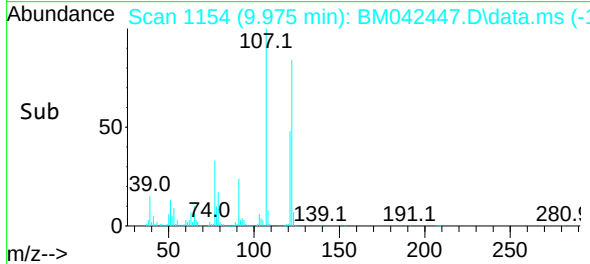
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:122 Resp: 379012
Ion Ratio Lower Upper
122 100
107 118.8 96.3 144.5
121 57.5 47.0 70.6

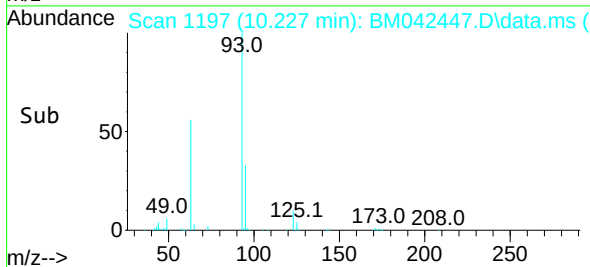
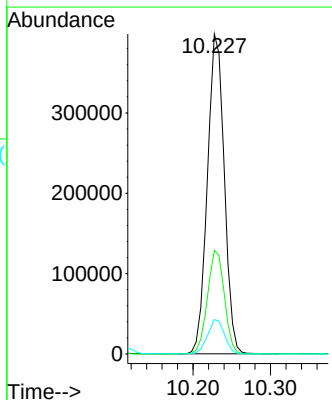
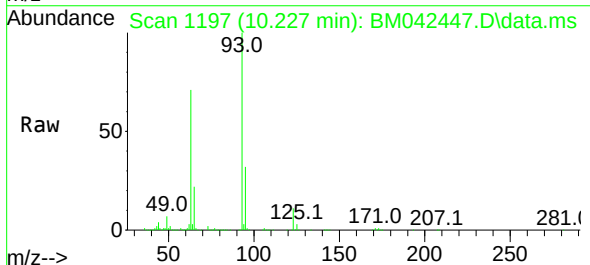
Manual Integrations
APPROVED

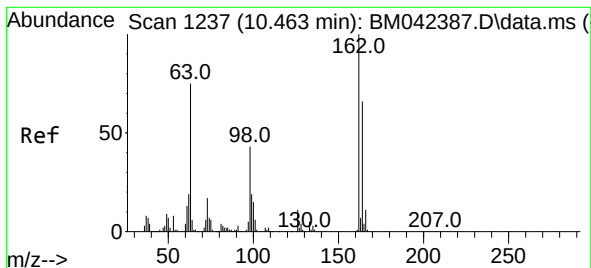
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.970 ng
RT: 10.227 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

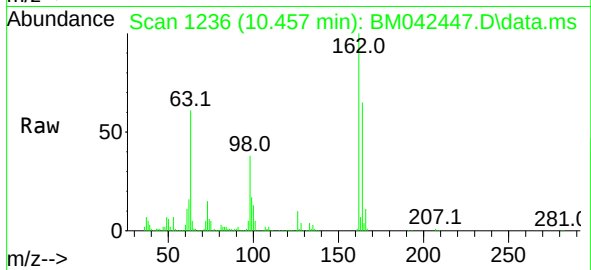
Tgt Ion: 93 Resp: 604110
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 10.7 8.2 12.2





#29
2,4-Dichlorophenol
Concen: 54.739 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

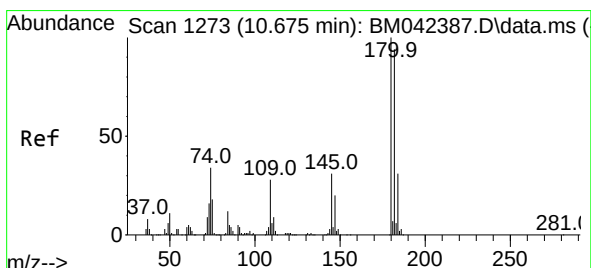
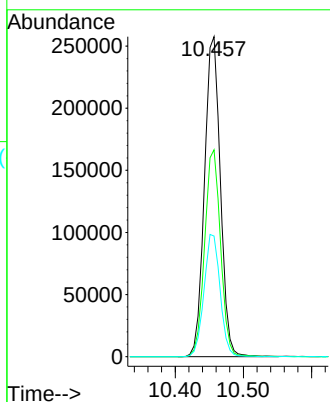
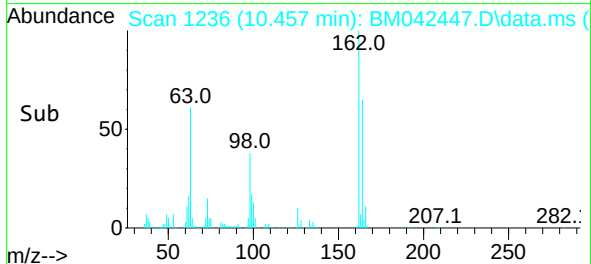
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:162 Resp: 41872
Ion Ratio Lower Upper
162 100
164 64.6 45.9 85.9
98 37.7 23.4 63.4

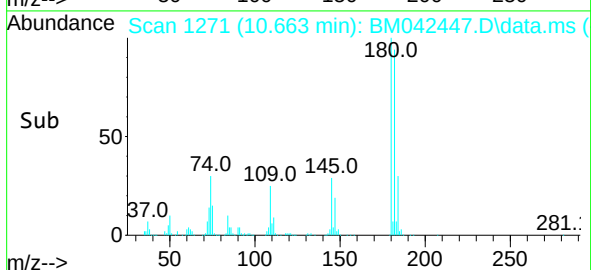
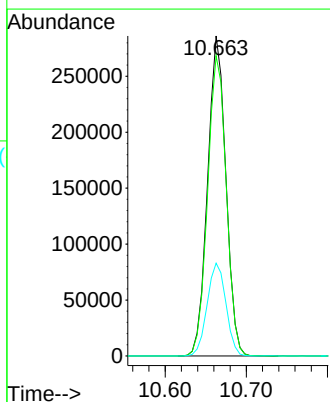
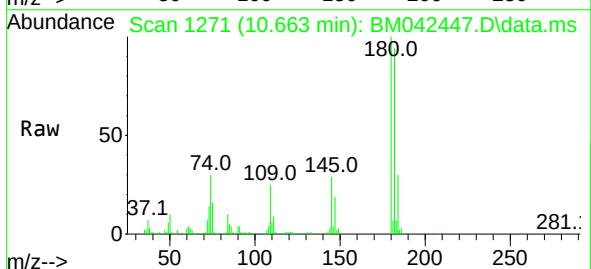
Manual Integrations
APPROVED

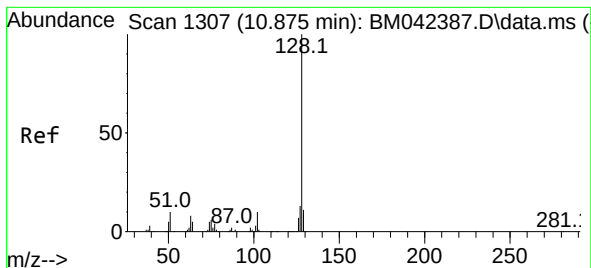
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 54.529 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

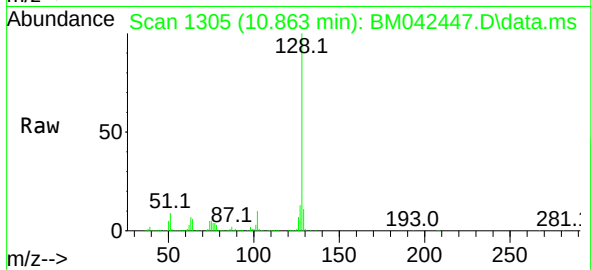
Tgt Ion:180 Resp: 447167
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.4
145 29.0 24.6 36.8





#31
Naphthalene
Concen: 47.506 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

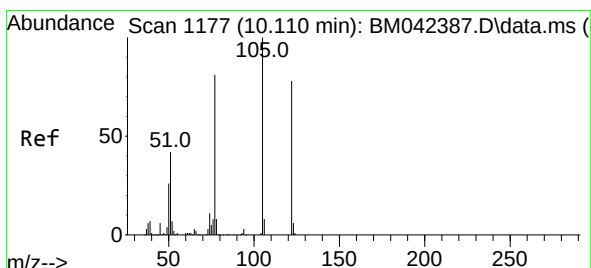
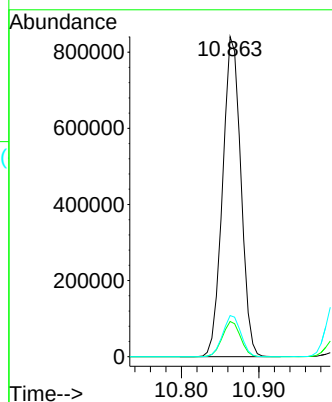
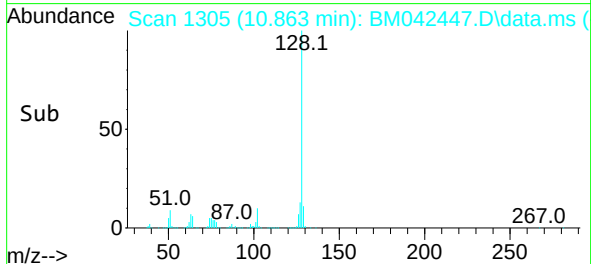
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:128 Resp: 137684
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.4 15.6

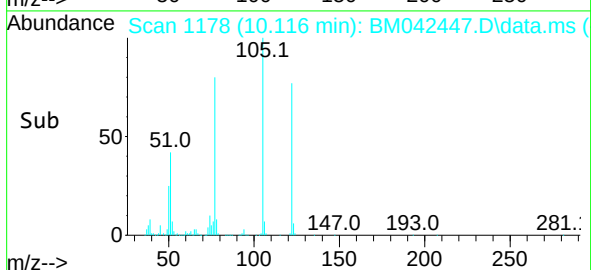
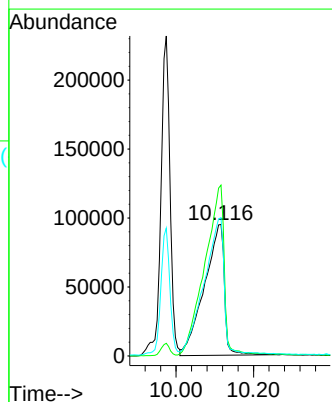
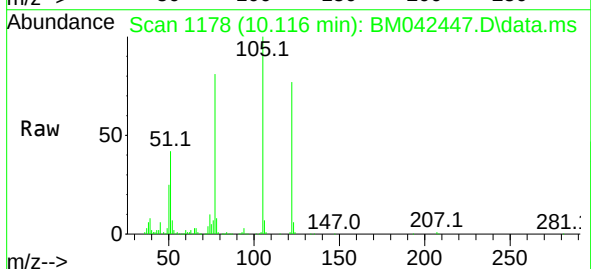
Manual Integrations
APPROVED

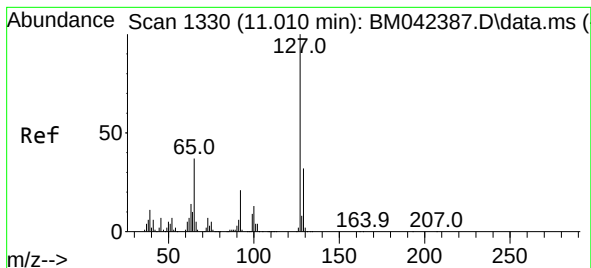
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 52.193 ng
RT: 10.116 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

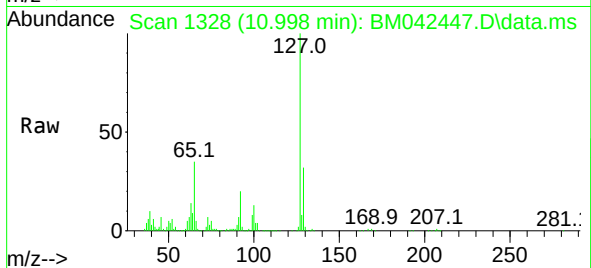
Tgt Ion:122 Resp: 339151
Ion Ratio Lower Upper
122 100
105 130.0 104.9 144.9
77 105.1 83.4 123.4





#33
4-Chloroaniline
Concen: 22.151 ng
RT: 10.998 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

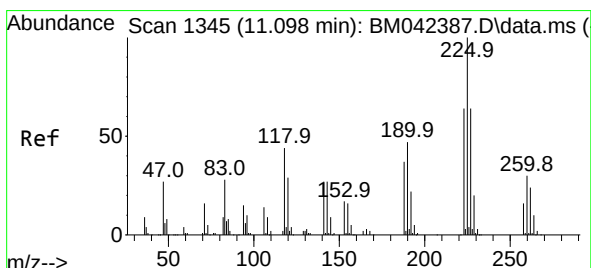
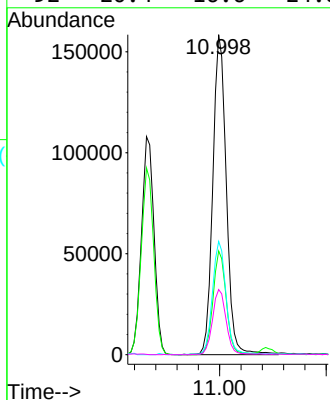
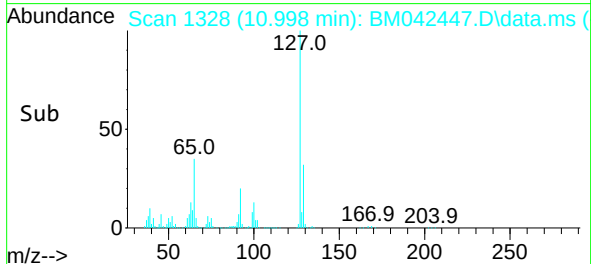
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



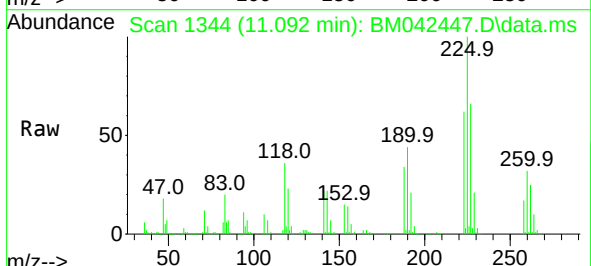
Tgt Ion:127 Resp: 278739
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9
65 35.4 29.6 44.4
92 20.4 16.6 24.8

Manual Integrations
APPROVED

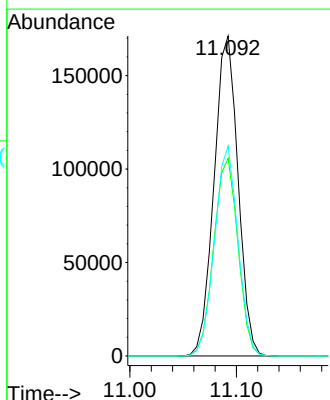
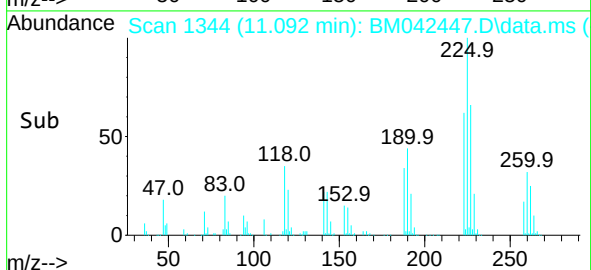
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

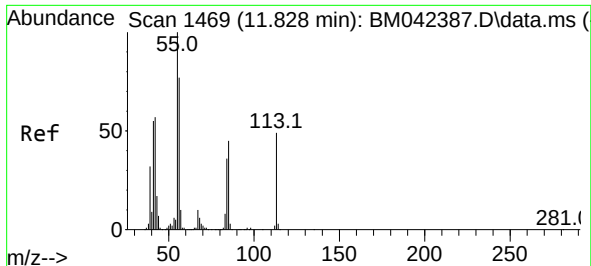


#34
Hexachlorobutadiene
Concen: 60.282 ng
RT: 11.092 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



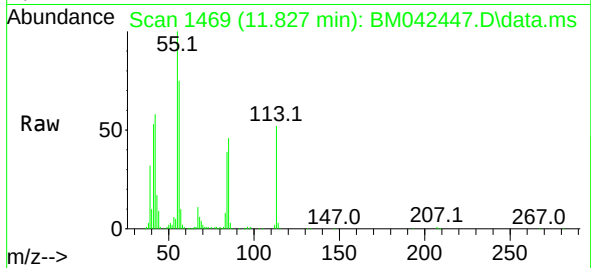
Tgt Ion:225 Resp: 267502
Ion Ratio Lower Upper
225 100
223 61.8 51.5 77.3
227 65.6 51.3 76.9





#35
Caprolactam
Concen: 45.403 ng
RT: 11.827 min Scan# 1469
Delta R.T. -0.001 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

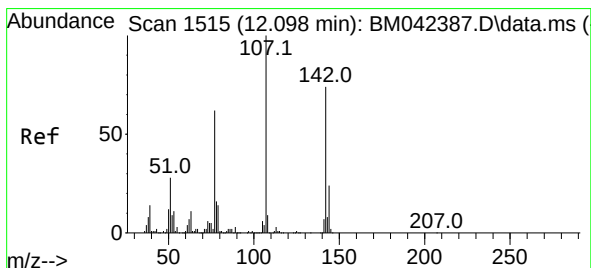
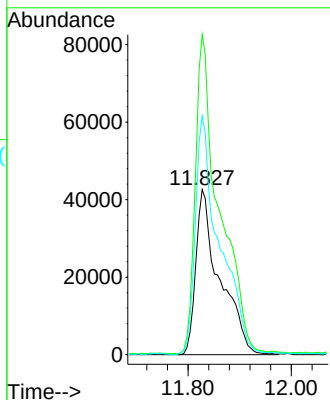
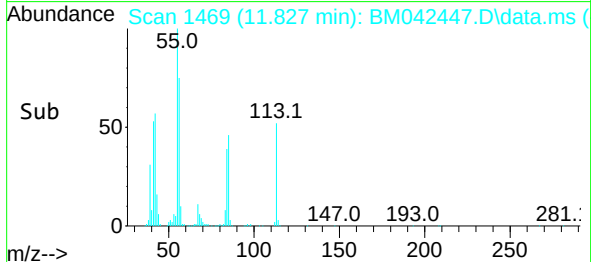
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:113 Resp: 136752
Ion Ratio Lower Upper
113 100
55 193.8 185.6 225.6
56 144.7 137.8 177.8

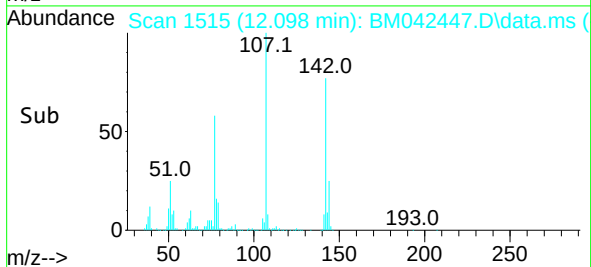
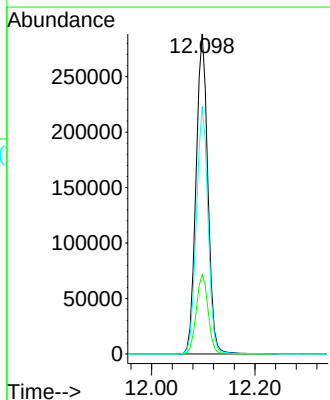
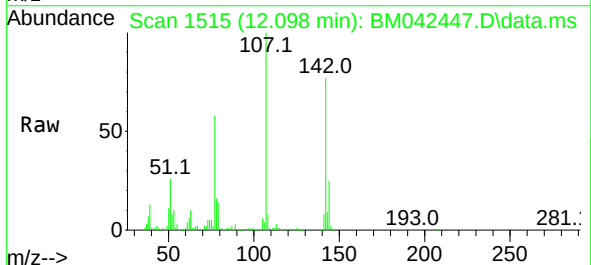
Manual Integrations
APPROVED

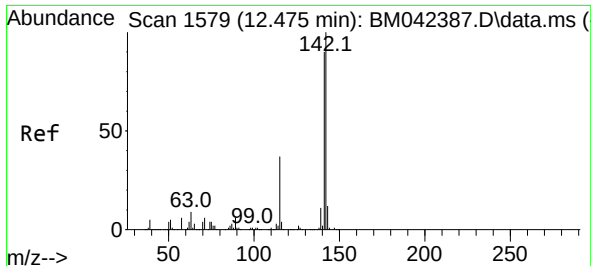
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 49.528 ng
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

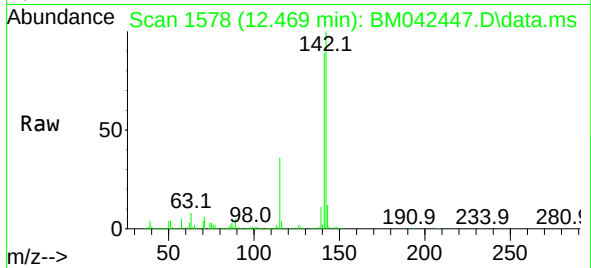
Tgt Ion:107 Resp: 457195
Ion Ratio Lower Upper
107 100
144 24.8 18.9 28.3
142 77.5 59.2 88.8





#37
2-Methylnaphthalene
Concen: 46.824 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

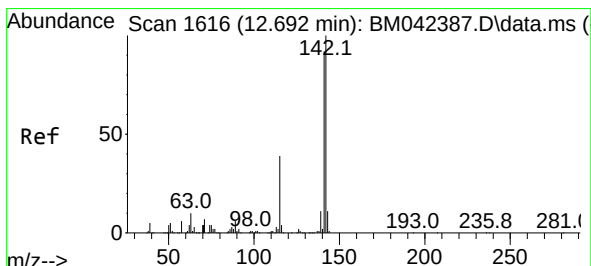
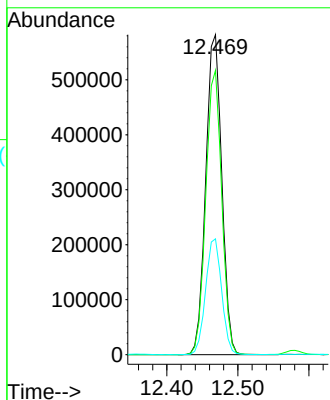
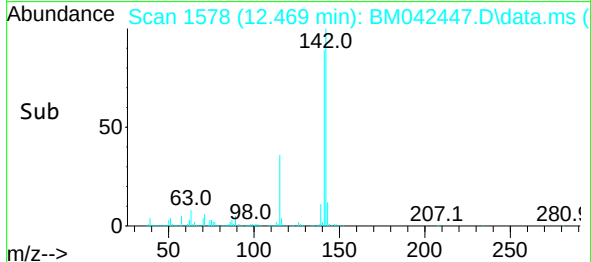
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



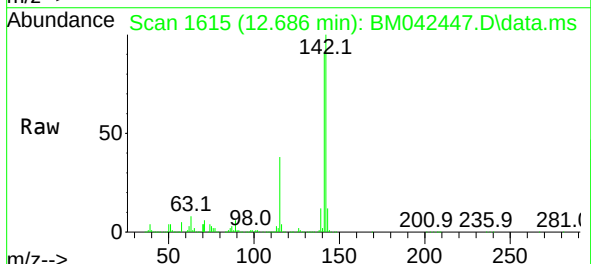
Tgt Ion:142 Resp: 91355
Ion Ratio Lower Upper
142 100
141 88.8 72.0 108.0
115 36.2 29.4 44.2

Manual Integrations
APPROVED

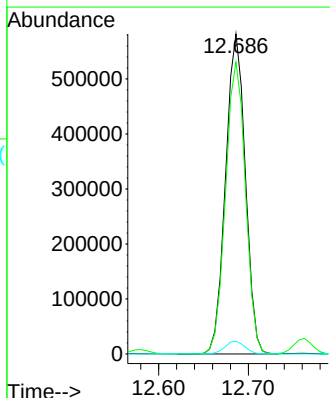
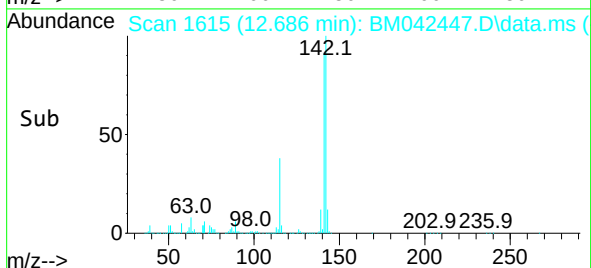
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

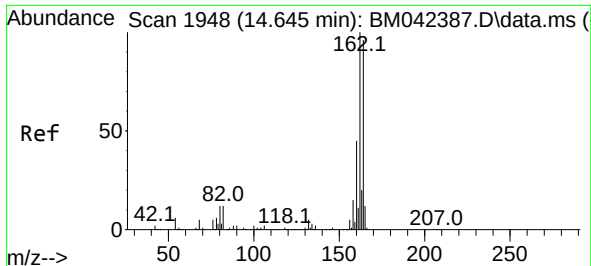


#38
1-Methylnaphthalene
Concen: 48.635 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



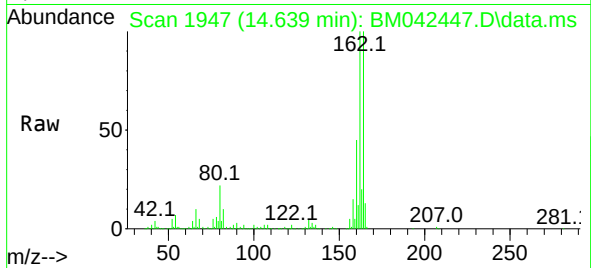
Tgt Ion:142 Resp: 888921
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

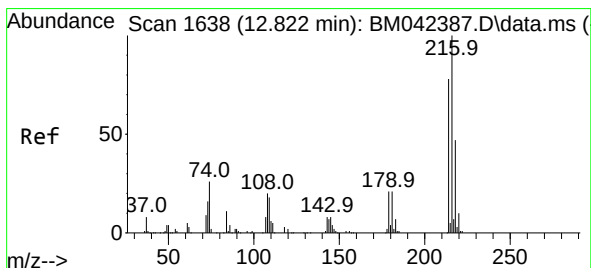
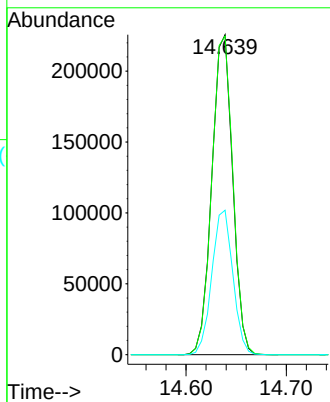
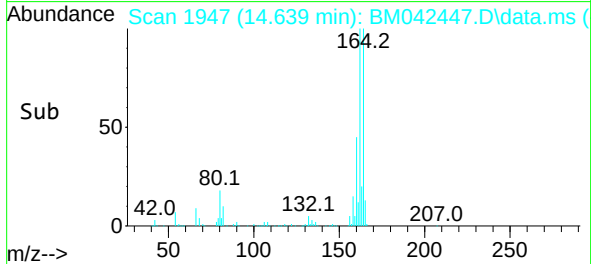
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:164 Resp: 325340
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.4
160 45.2 37.0 55.4

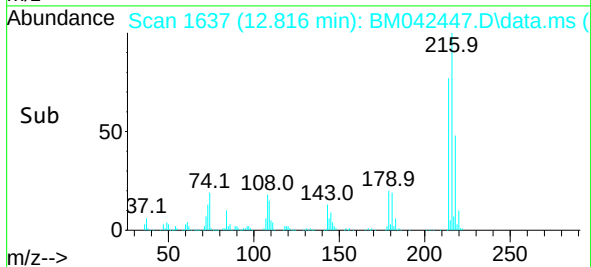
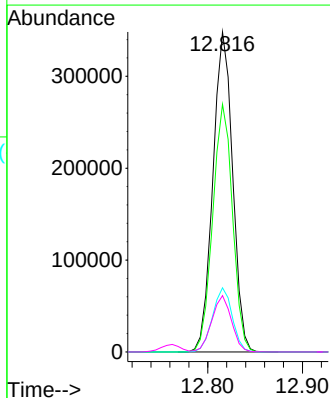
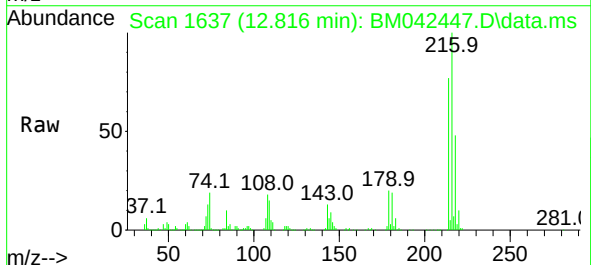
Manual Integrations
APPROVED

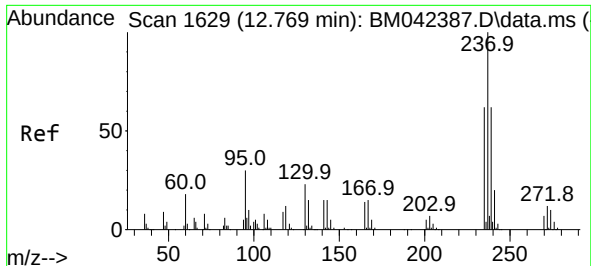
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.601 ng
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

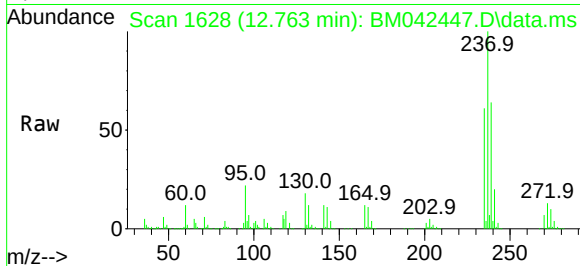
Tgt Ion:216 Resp: 504150
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.4
179 20.1 17.2 25.8
108 17.6 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 67.223 ng
RT: 12.763 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

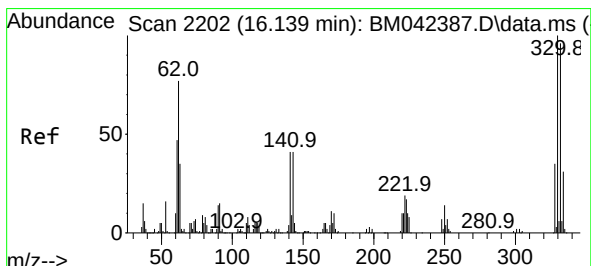
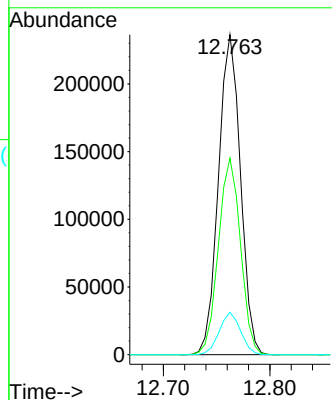
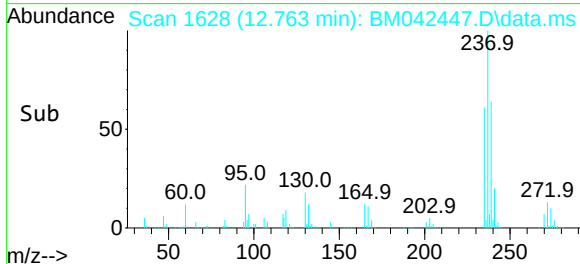
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



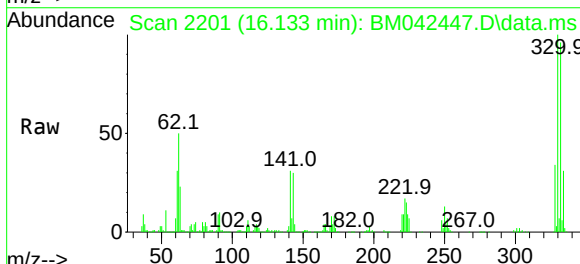
Tgt Ion:237 Resp: 338868
Ion Ratio Lower Upper
237 100
235 61.4 41.5 81.5
272 13.3 0.0 32.2

Manual Integrations
APPROVED

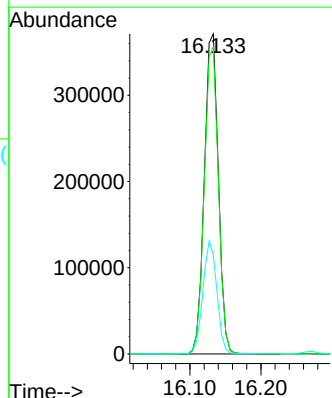
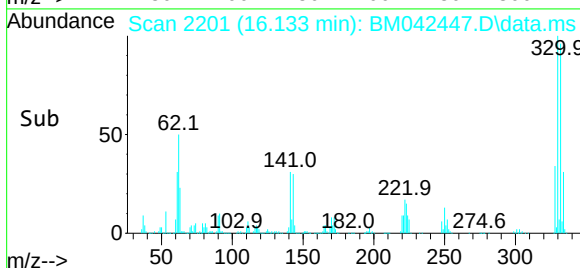
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

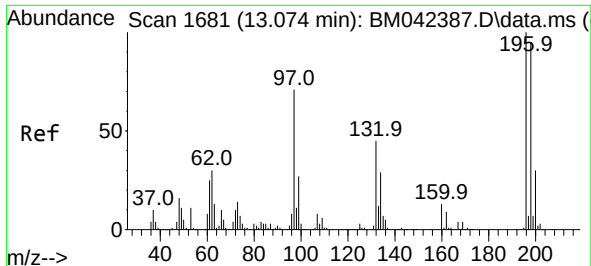


#42
2,4,6-Tribromophenol
Concen: 141.515 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



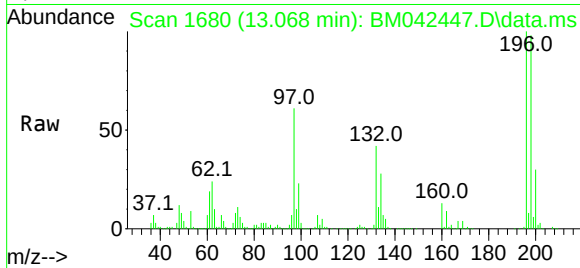
Tgt Ion:330 Resp: 511632
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 35.2 38.0 57.0#





#43
2,4,6-Trichlorophenol
Concen: 54.070 ng
RT: 13.068 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

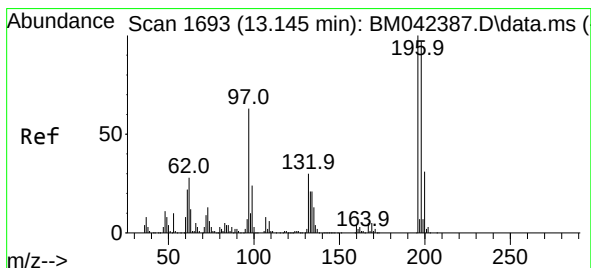
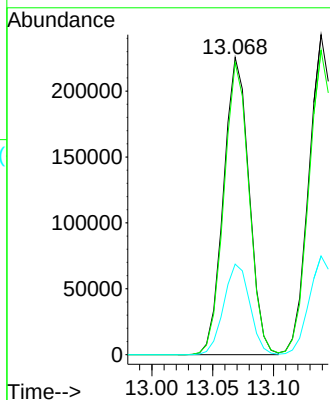
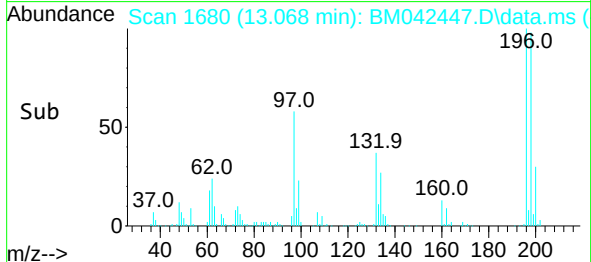
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



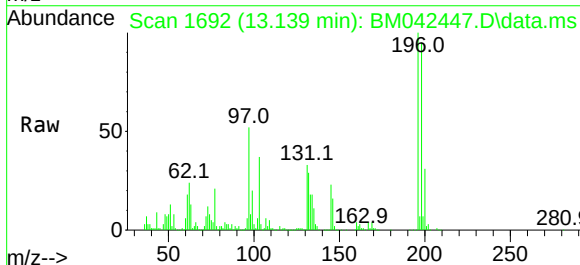
Tgt Ion:196 Resp: 32921
Ion Ratio Lower Upper
196 100
198 98.2 76.3 114.5
200 30.4 24.3 36.5

Manual Integrations
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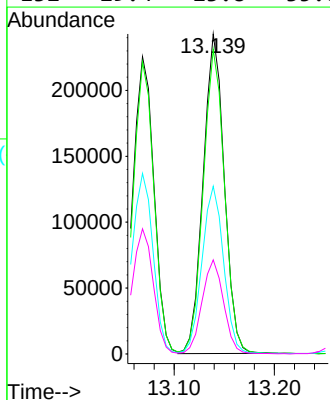
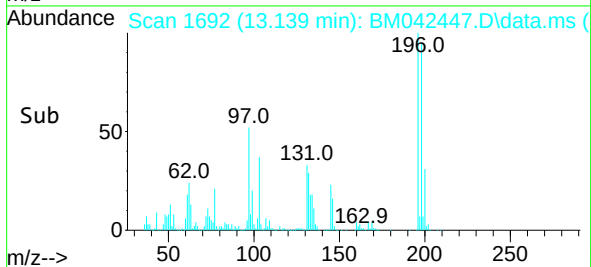
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

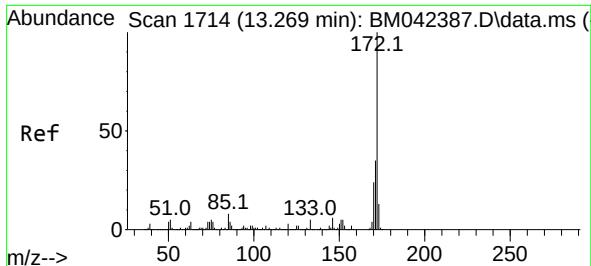


#44
2,4,5-Trichlorophenol
Concen: 49.349 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



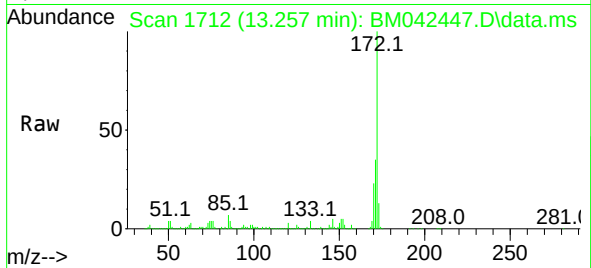
Tgt Ion:196 Resp: 355192
Ion Ratio Lower Upper
196 100
198 95.2 77.9 116.9
97 52.4 50.9 76.3
132 29.4 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 76.310 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

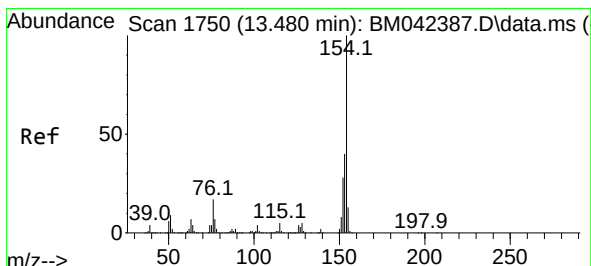
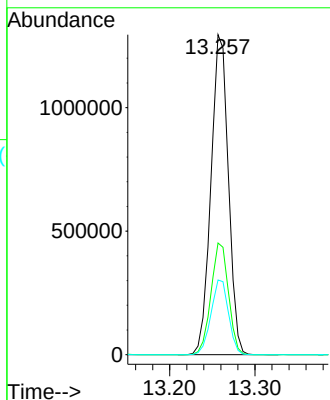
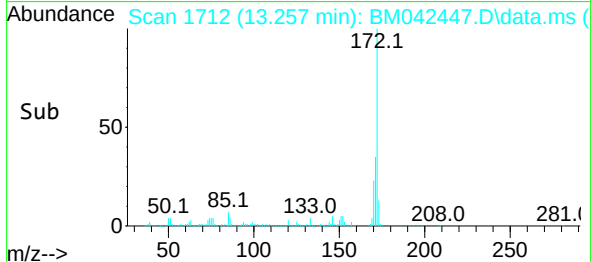
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



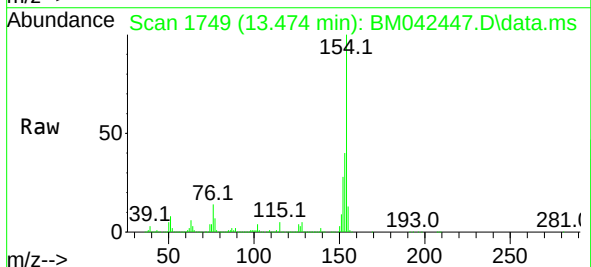
Tgt Ion:172 Resp: 1843670
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3

Manual Integrations
APPROVED

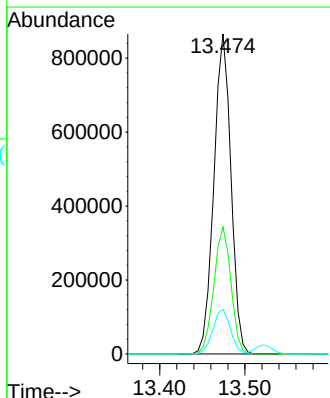
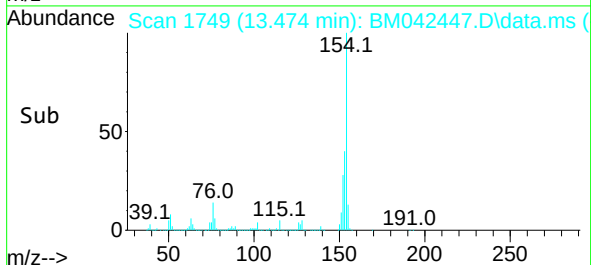
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

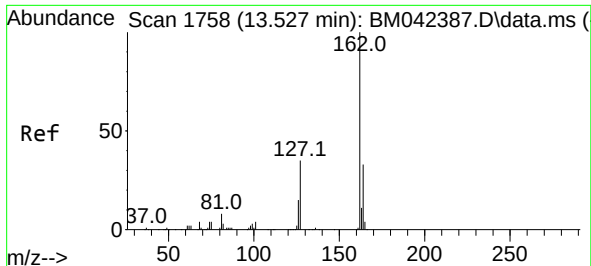


#46
1,1'-Biphenyl
Concen: 46.805 ng
RT: 13.474 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



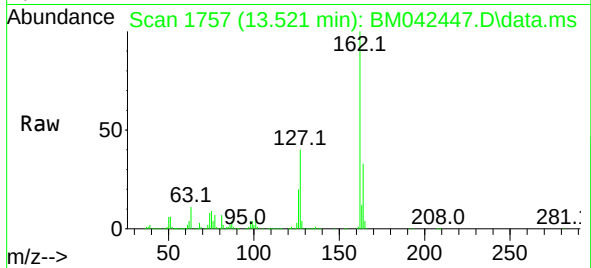
Tgt Ion:154 Resp: 1208025
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 13.9 0.0 36.9





#47
2-Chloronaphthalene
Concen: 48.115 ng
RT: 13.521 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

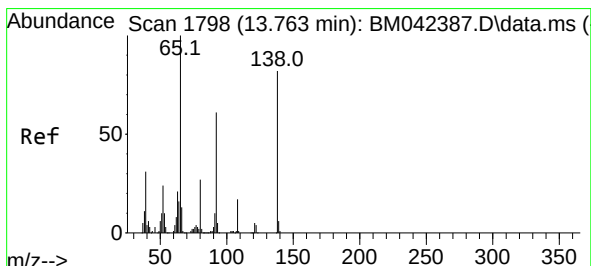
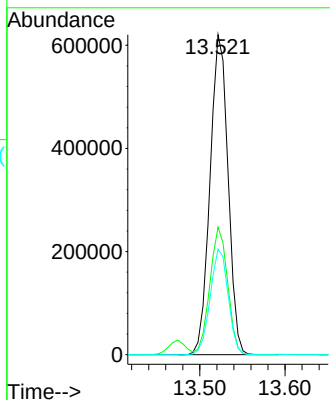
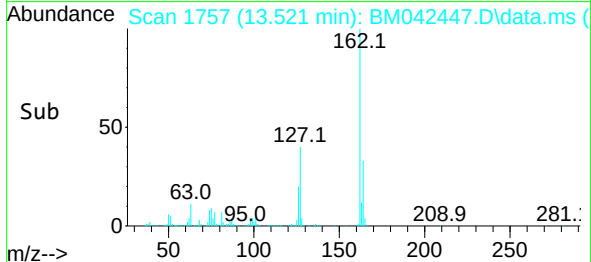
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:162 Resp: 91109
Ion Ratio Lower Upper
162 100
127 39.9 32.2 48.2
164 33.0 26.2 39.2

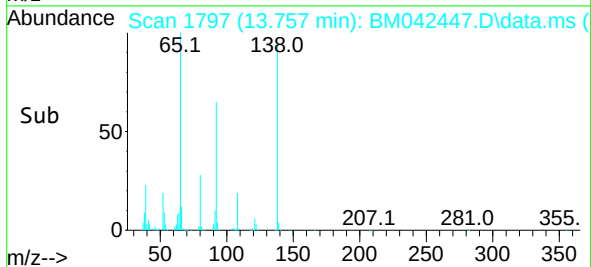
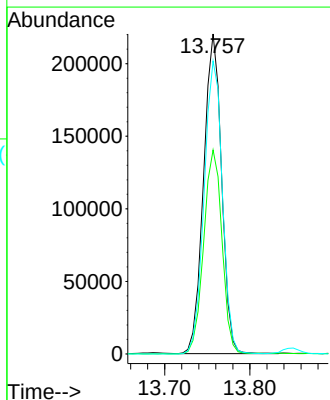
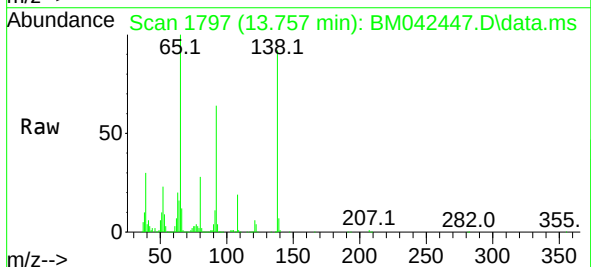
Manual Integrations
APPROVED

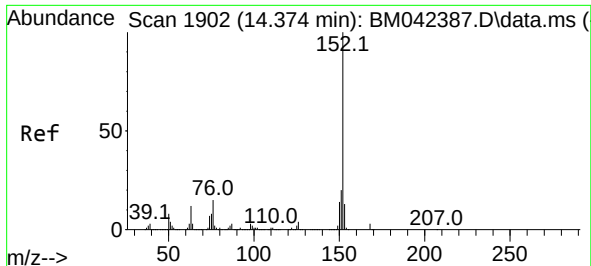
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 39.375 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

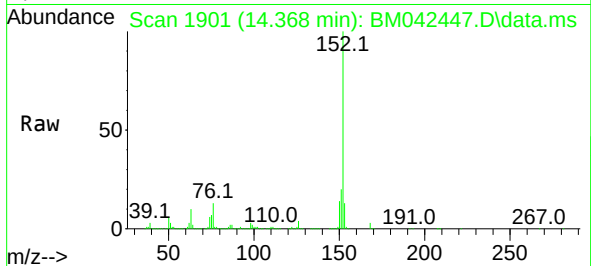
Tgt Ion: 65 Resp: 323490
Ion Ratio Lower Upper
65 100
92 63.8 49.0 73.6
138 91.6 65.5 98.3





#49
Acenaphthylene
Concen: 49.501 ng
RT: 14.368 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

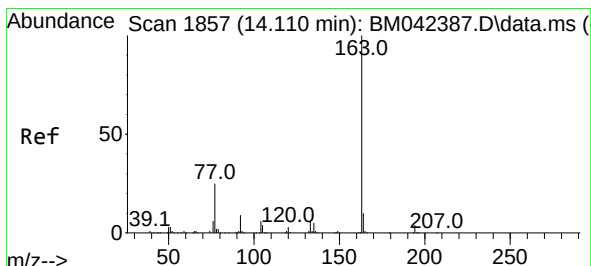
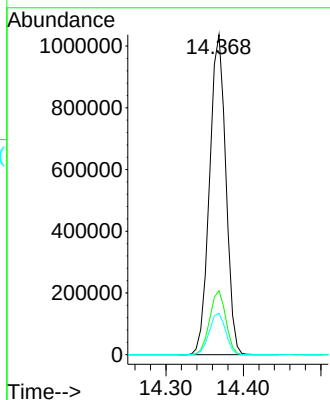
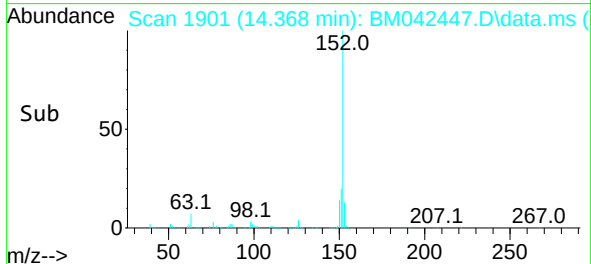
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:152 Resp: 1513249
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.9 10.5 15.7

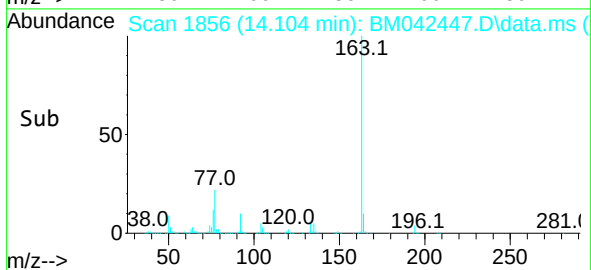
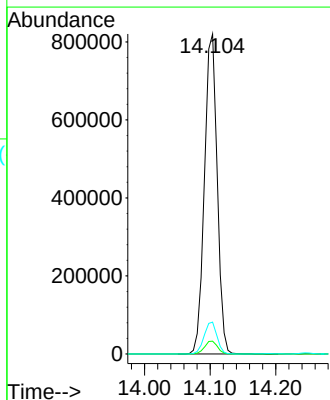
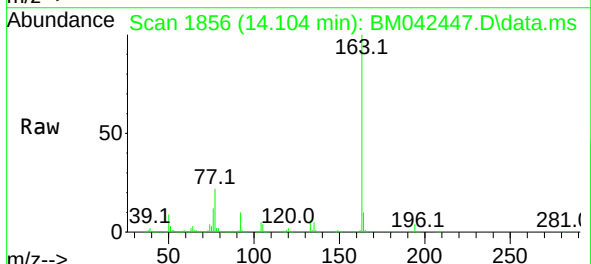
Manual Integrations
APPROVED

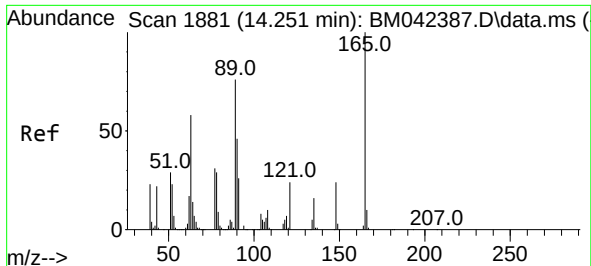
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#50
Dimethylphthalate
Concen: 46.563 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

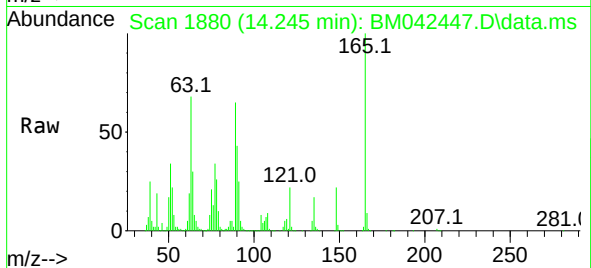
Tgt Ion:163 Resp: 1111200
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.916 ng
RT: 14.245 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

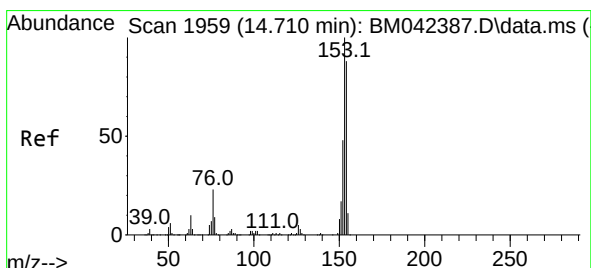
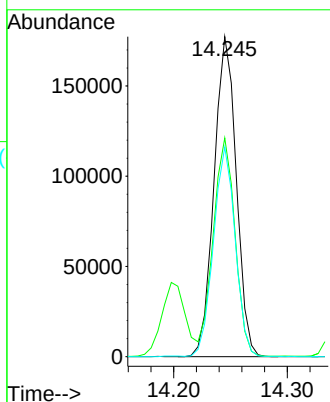
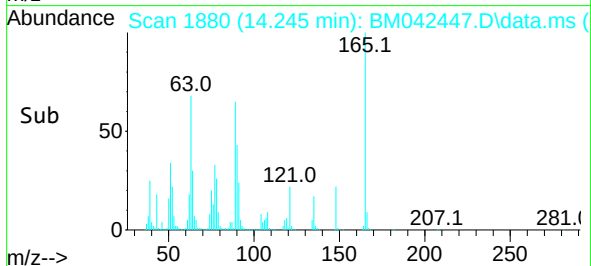
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:165 Resp: 240960
Ion Ratio Lower Upper
165 100
63 68.3 65.3 97.9
89 65.4 60.6 91.0

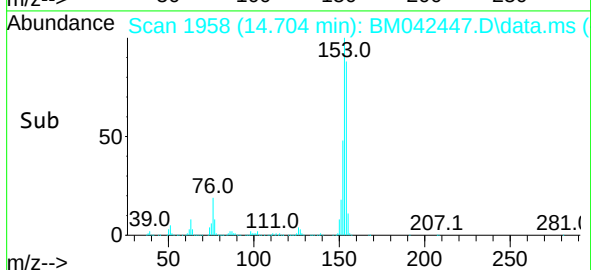
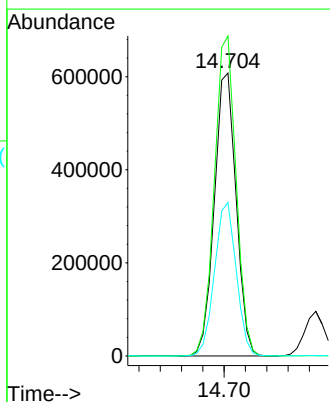
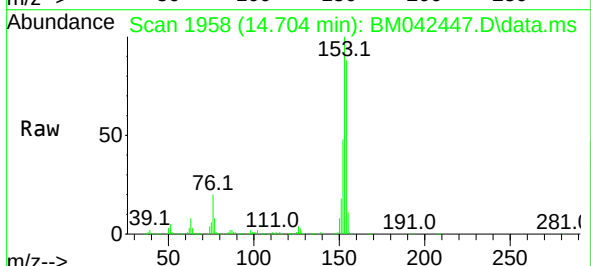
Manual Integrations
APPROVED

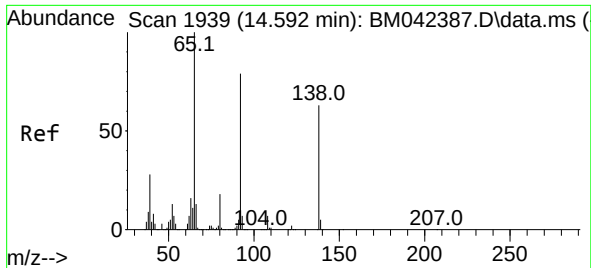
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 46.613 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

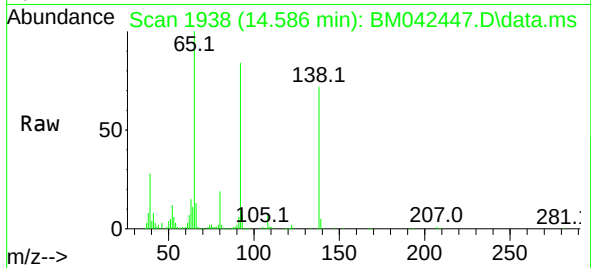
Tgt Ion:154 Resp: 861495
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 54.3 44.0 66.0





#53
3-Nitroaniline
Concen: 30.642 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

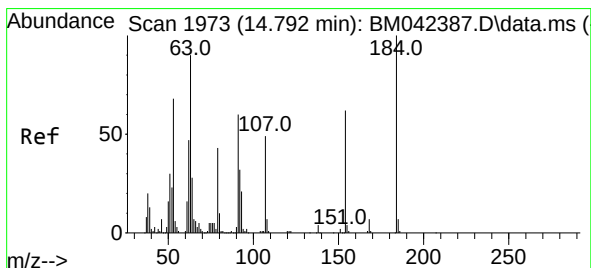
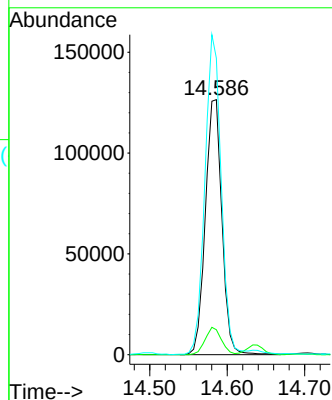
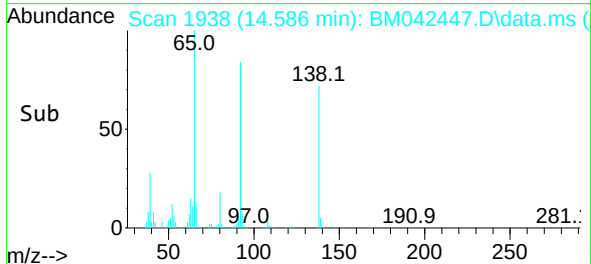
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:138 Resp: 187689
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 116.3 100.6 151.0

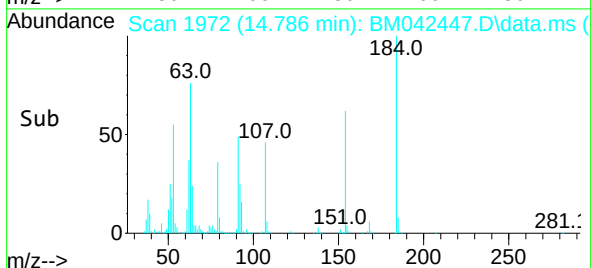
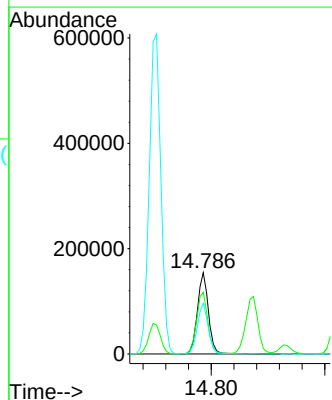
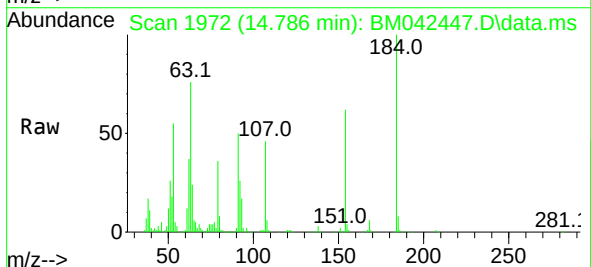
Manual Integrations
APPROVED

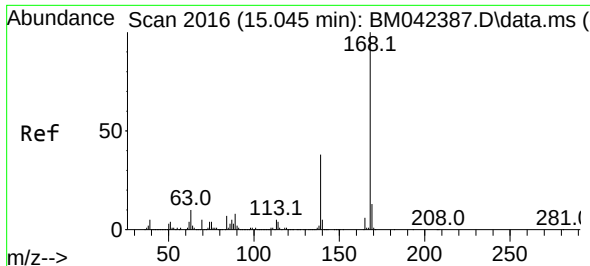
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#54
2,4-Dinitrophenol
Concen: 64.336 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

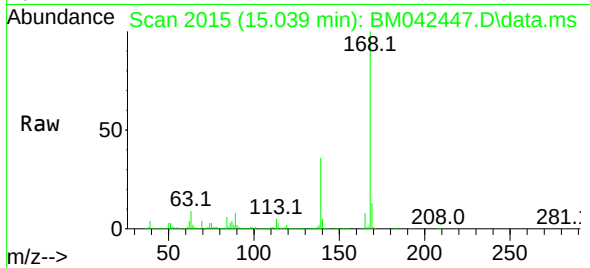
Tgt Ion:184 Resp: 208791
Ion Ratio Lower Upper
184 100
63 76.0 72.2 108.2
154 62.3 49.6 74.4





#55
Dibenzenofuran
Concen: 47.502 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

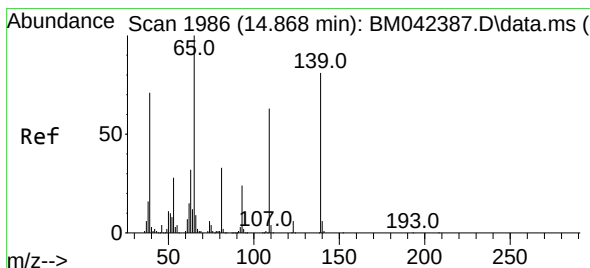
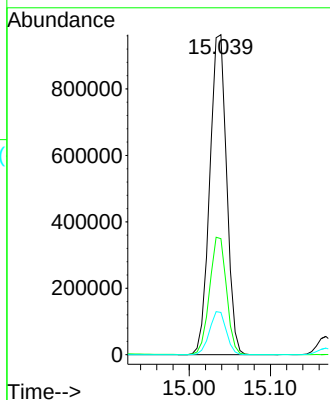
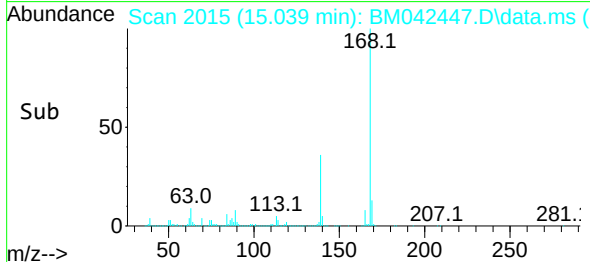
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:168 Resp: 1388588
Ion Ratio Lower Upper
168 100
139 36.2 30.6 46.0
169 13.2 10.4 15.6

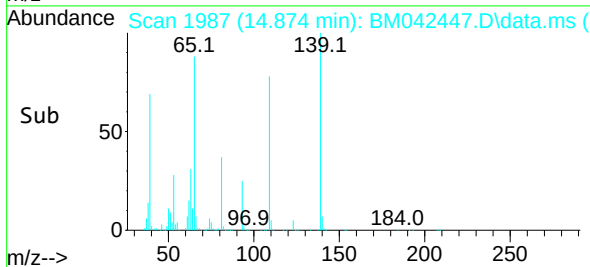
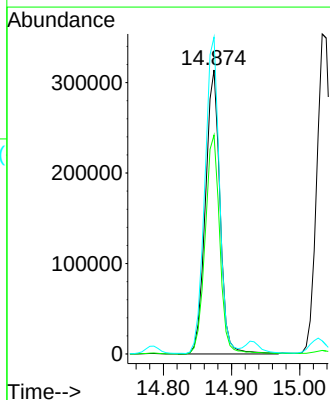
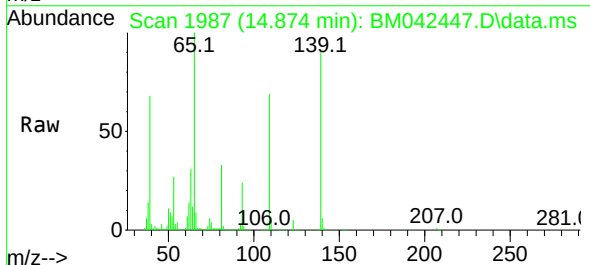
Manual Integrations
APPROVED

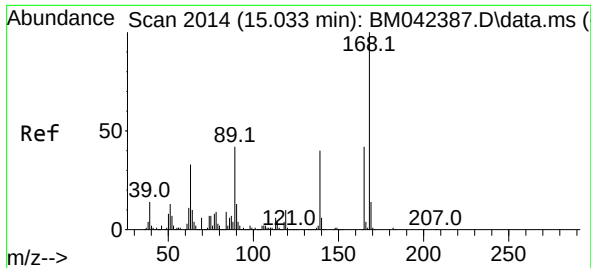
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 96.200 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

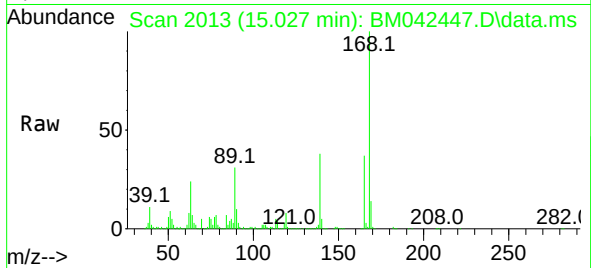
Tgt Ion:139 Resp: 467566
Ion Ratio Lower Upper
139 100
109 77.0 58.0 98.0
65 111.6 104.2 144.2





#57
2,4-Dinitrotoluene
Concen: 45.616 ng
RT: 15.027 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

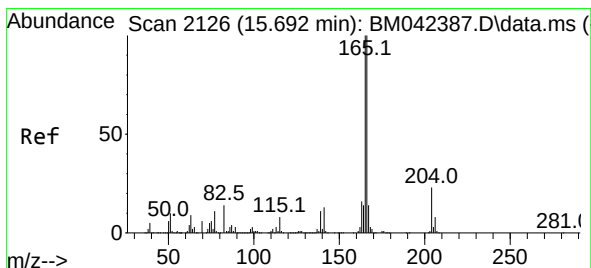
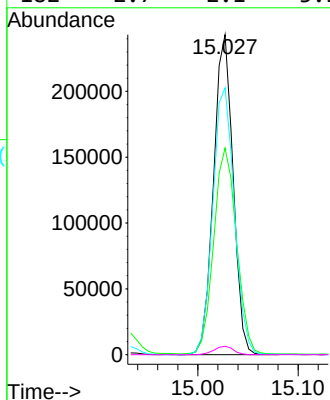
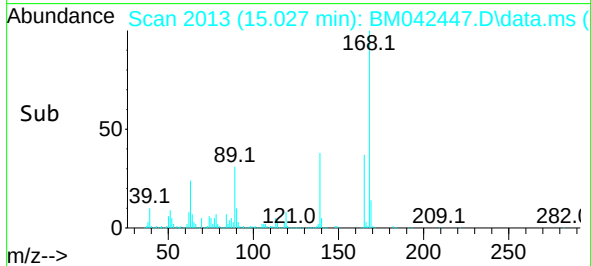
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:165 Resp: 327150
Ion Ratio Lower Upper
165 100
63 64.6 62.9 94.3
89 83.4 80.2 120.2
182 2.7 2.1 3.1

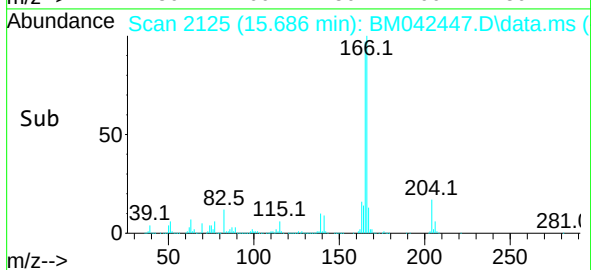
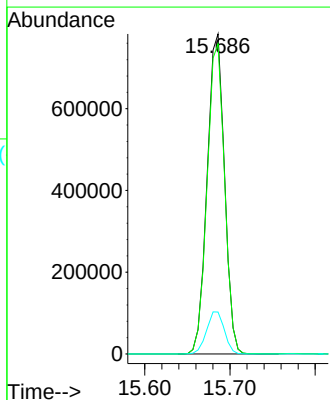
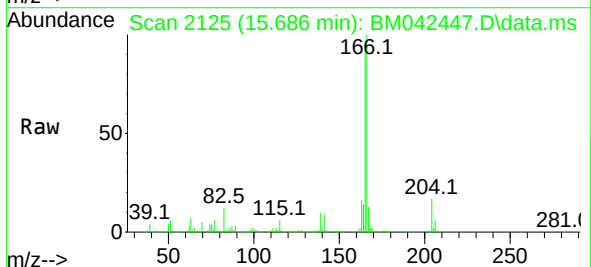
Manual Integrations
APPROVED

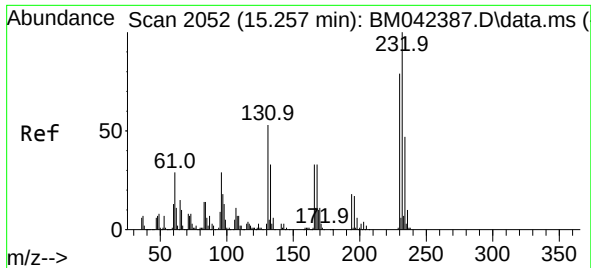
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#58
Fluorene
Concen: 47.966 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

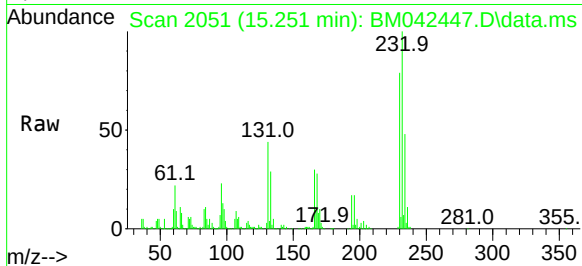
Tgt Ion:166 Resp: 1106442
Ion Ratio Lower Upper
166 100
165 96.9 79.6 119.4
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.751 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

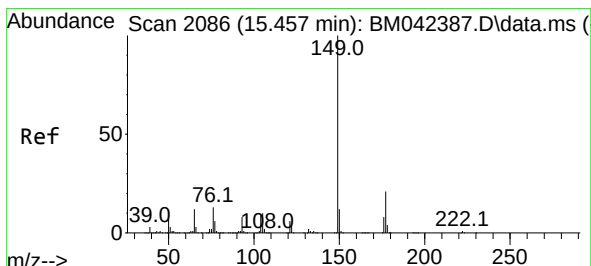
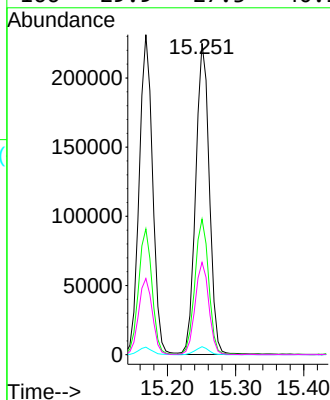
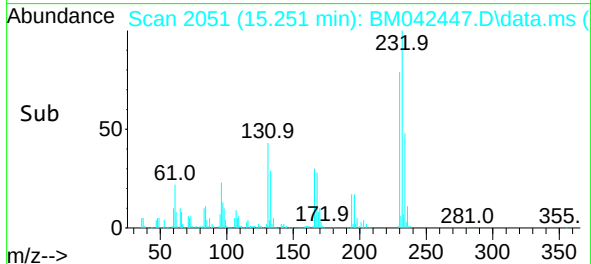
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:232 Resp: 31226
Ion Ratio Lower Upper
232 100
131 43.8 42.8 64.2
130 2.5 2.2 3.2
166 29.9 27.3 40.9

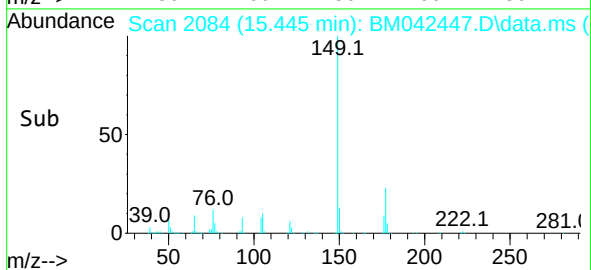
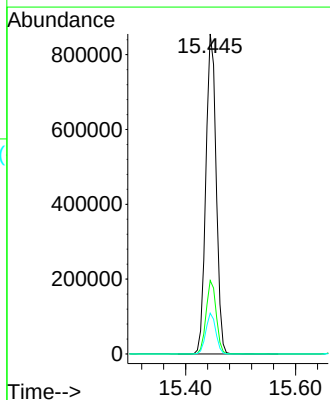
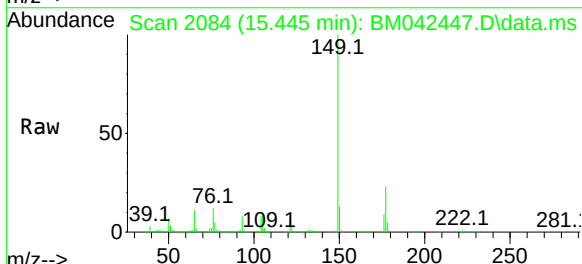
Manual Integrations
APPROVED

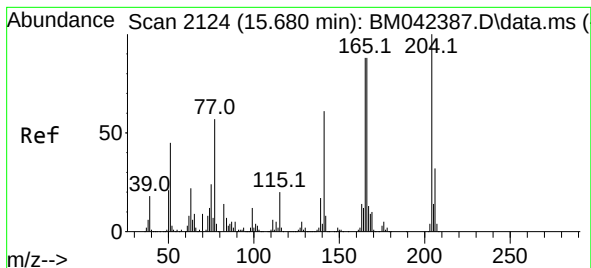
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#60
Diethylphthalate
Concen: 47.134 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

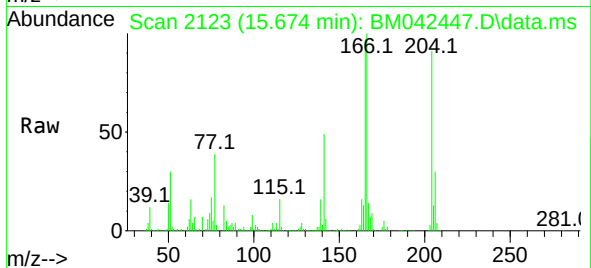
Tgt Ion:149 Resp: 1109995
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.8 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 51.996 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

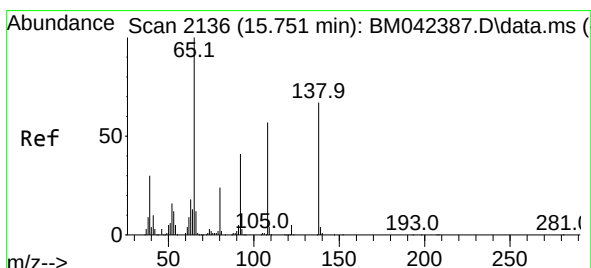
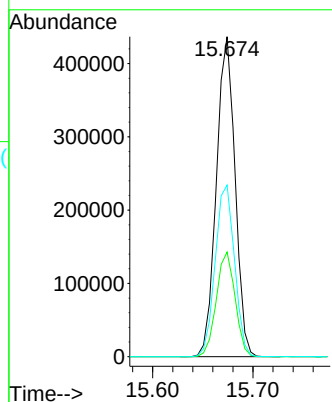
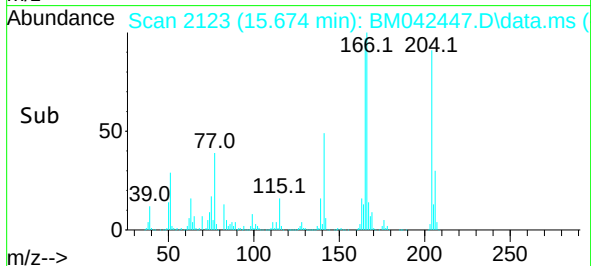
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



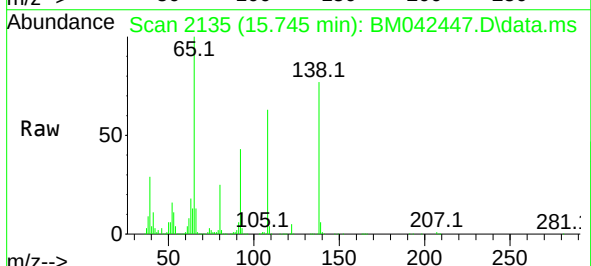
Tgt Ion:204 Resp: 56484
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 53.6 49.1 73.7

Manual Integrations
APPROVED

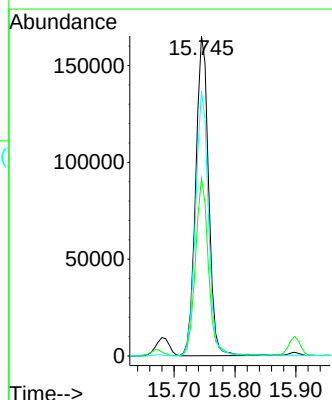
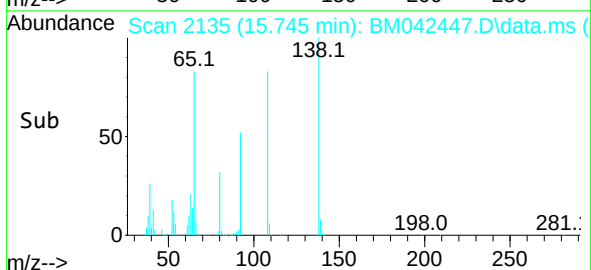
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

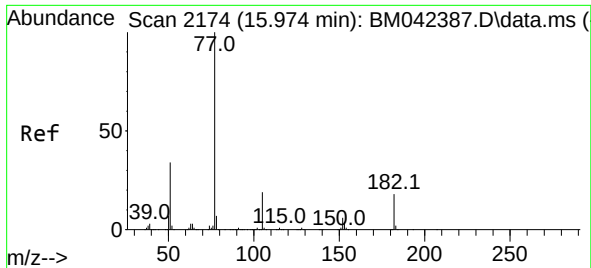


#62
4-Nitroaniline
Concen: 40.332 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



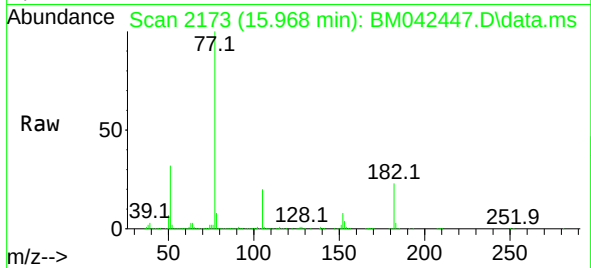
Tgt Ion:138 Resp: 243226
Ion Ratio Lower Upper
138 100
92 55.6 40.4 80.4
108 82.7 65.3 105.3





#63
Azobenzene
Concen: 43.595 ng
RT: 15.968 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

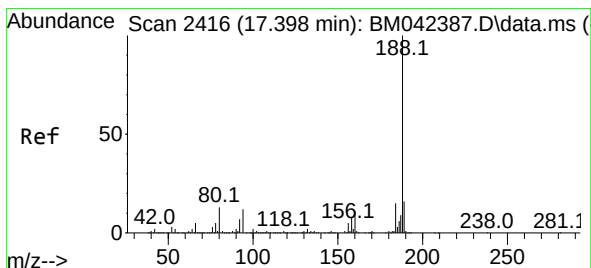
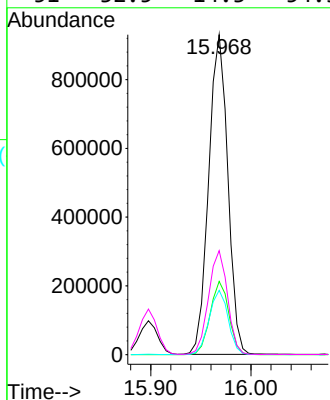
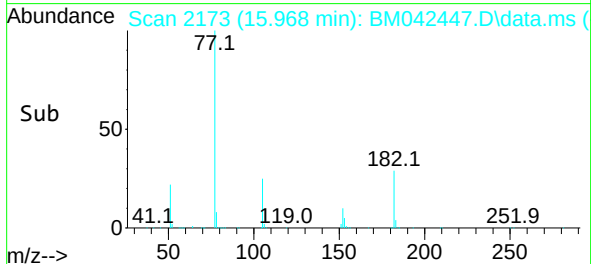
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



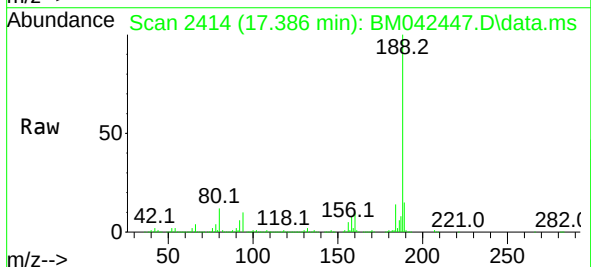
Tgt Ion: 77 Resp: 123174
Ion Ratio Lower Upper
77 100
182 22.9 0.0 37.7
105 20.1 0.0 38.9
51 32.5 14.3 54.3

Manual Integrations
APPROVED

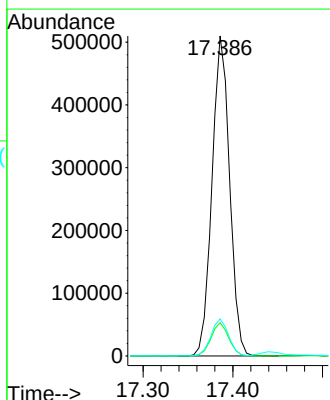
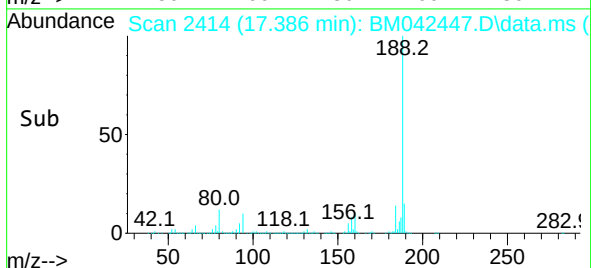
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

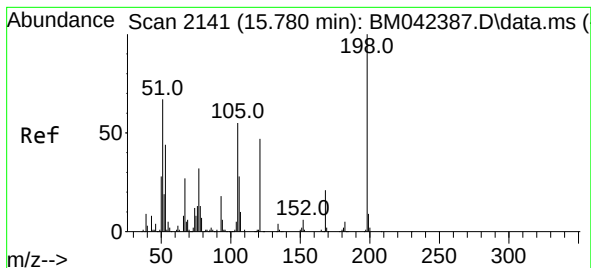


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



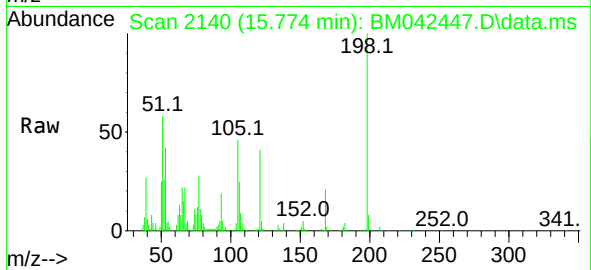
Tgt Ion:188 Resp: 693681
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.0
80 11.6 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 33.704 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

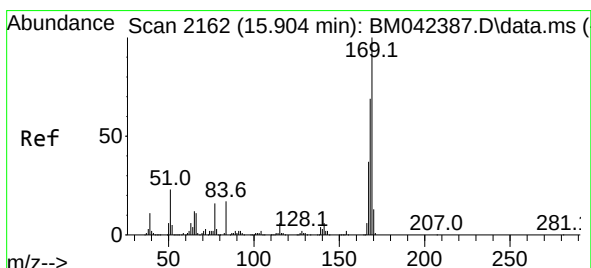
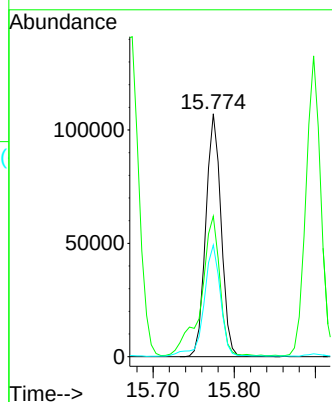
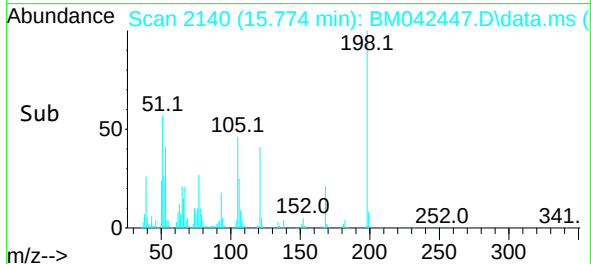
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:198 Resp: 140145
Ion Ratio Lower Upper
198 100
51 57.9 54.1 94.1
105 46.0 35.9 75.9

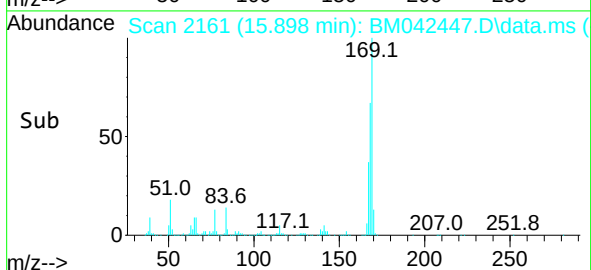
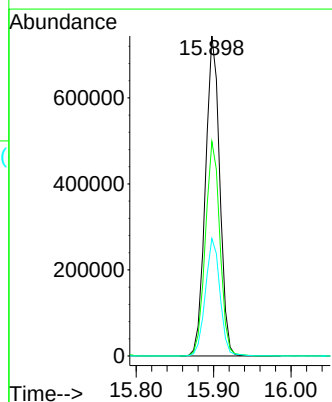
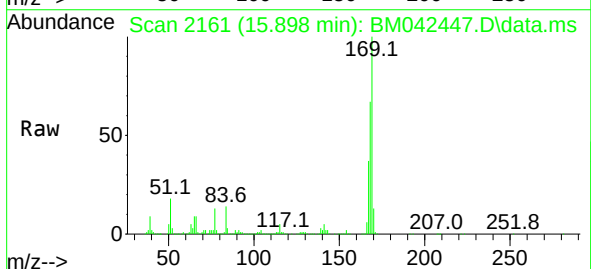
Manual Integrations
APPROVED

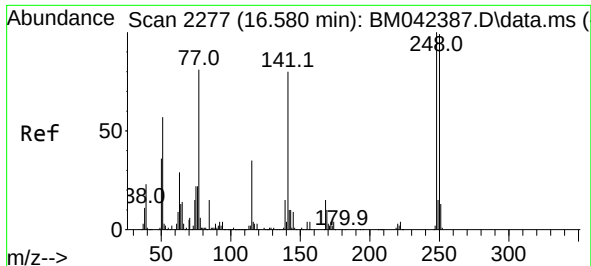
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#66
n-Nitrosodiphenylamine
Concen: 45.690 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

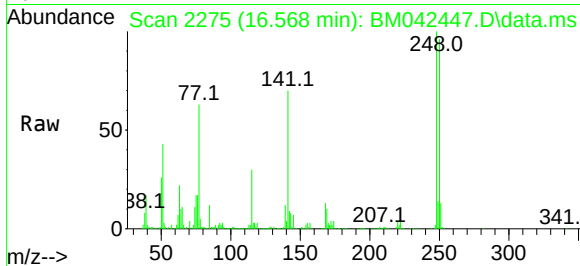
Tgt Ion:169 Resp: 954623
Ion Ratio Lower Upper
169 100
168 67.0 55.4 83.2
167 36.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.814 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

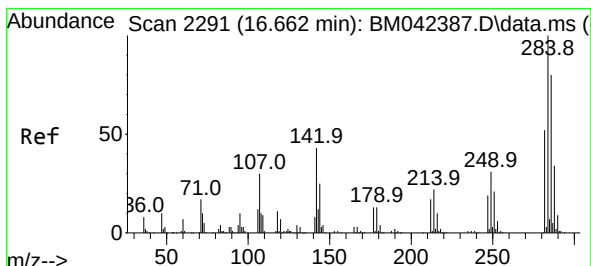
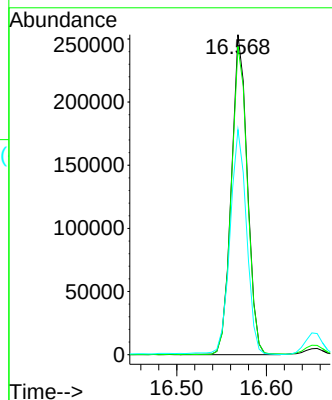
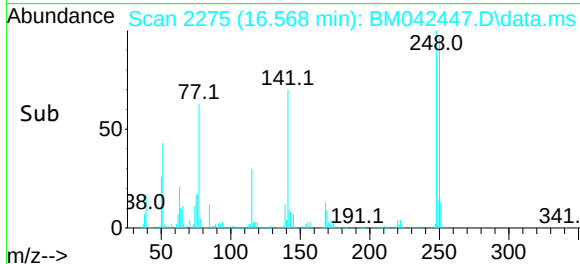
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



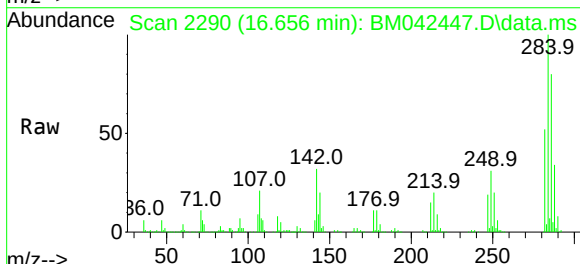
Tgt Ion:248 Resp: 31383
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.2
141 70.3 64.3 96.5

Manual Integrations
APPROVED

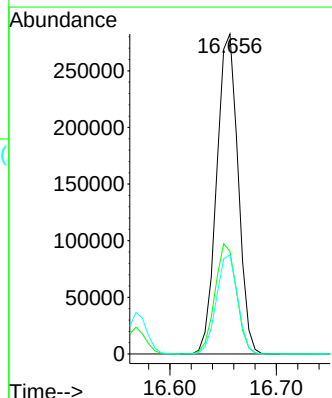
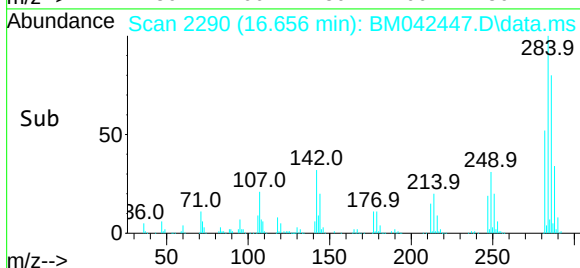
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

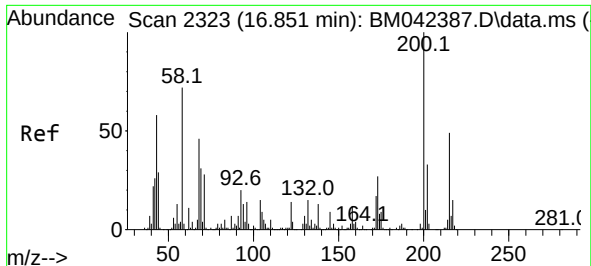


#68
Hexachlorobenzene
Concen: 57.216 ng
RT: 16.656 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



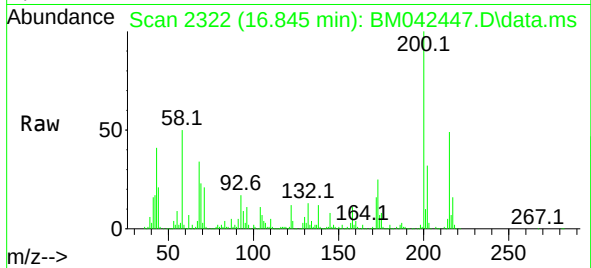
Tgt Ion:284 Resp: 393198
Ion Ratio Lower Upper
284 100
142 32.1 34.2 51.2#
249 31.0 24.7 37.1





#69
Atrazine
Concen: 66.050 ng
RT: 16.845 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

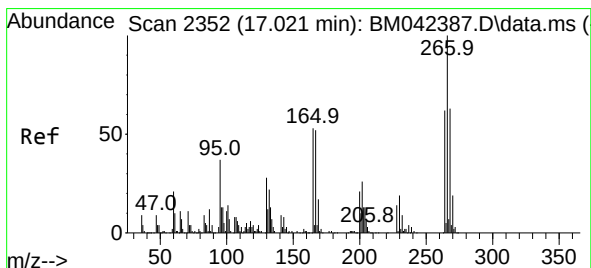
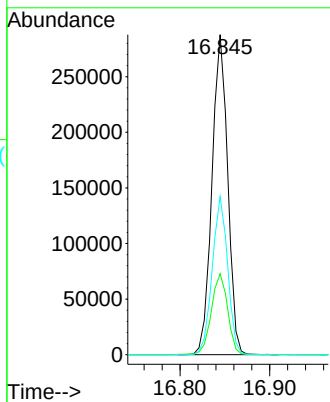
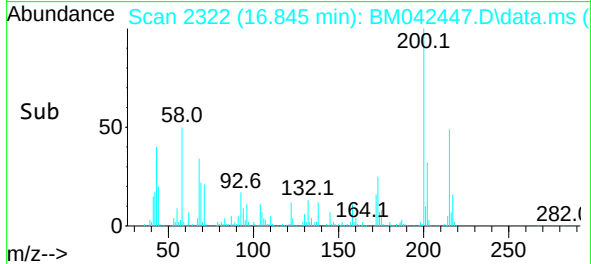
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:200 Resp: 349962
Ion Ratio Lower Upper
200 100
173 25.3 6.6 46.6
215 49.4 28.6 68.6

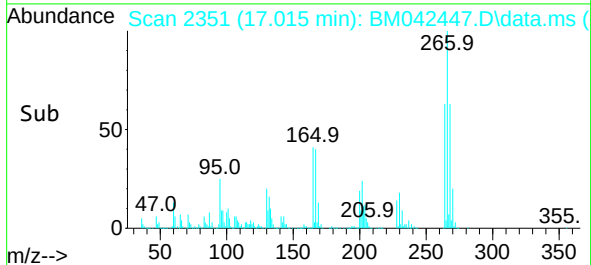
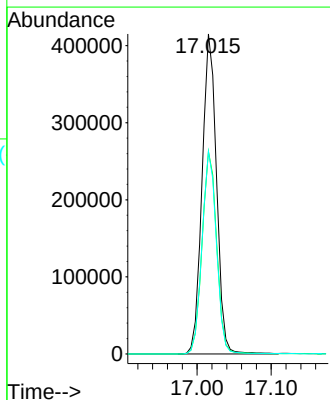
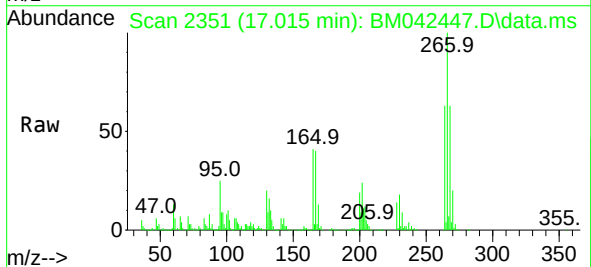
Manual Integrations
APPROVED

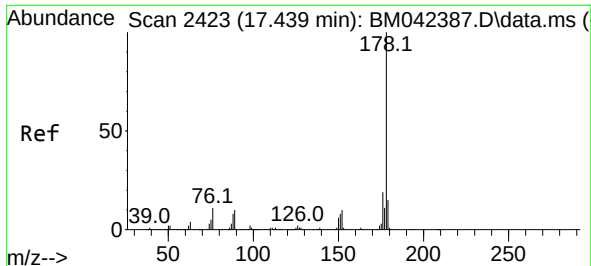
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#70
Pentachlorophenol
Concen: 96.617 ng
RT: 17.015 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion:266 Resp: 562002
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 63.3 49.4 74.0





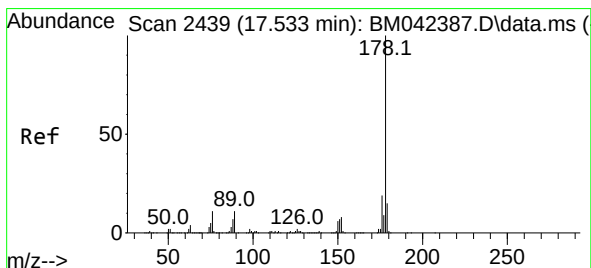
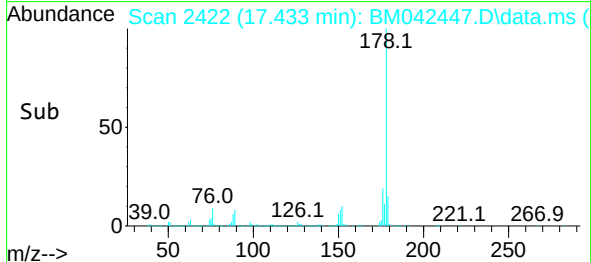
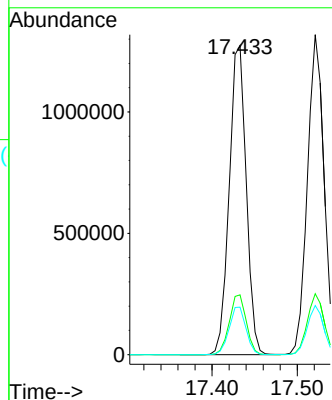
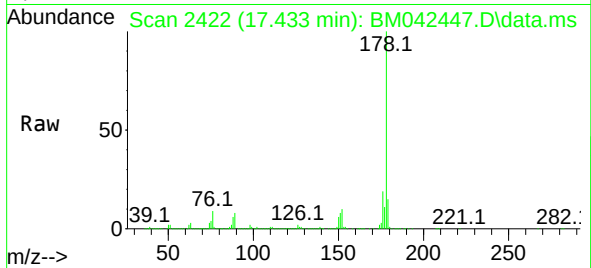
#71
Phenanthrene
Concen: 46.873 ng
RT: 17.433 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD

Tgt Ion:178 Resp: 176883
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5

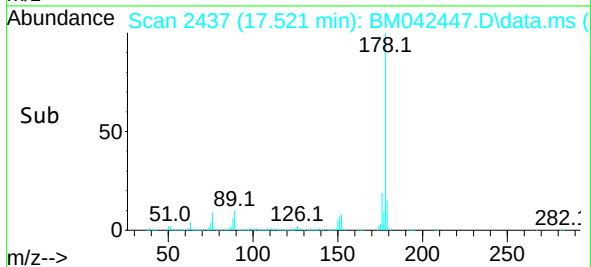
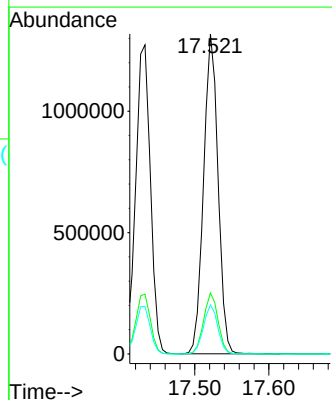
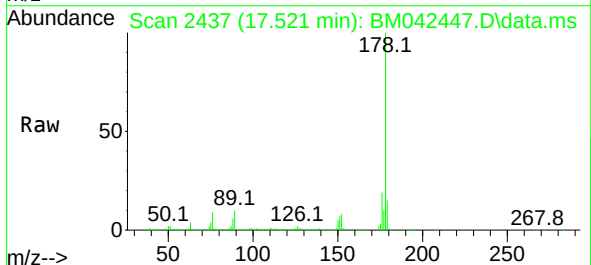
Manual Integrations
APPROVED

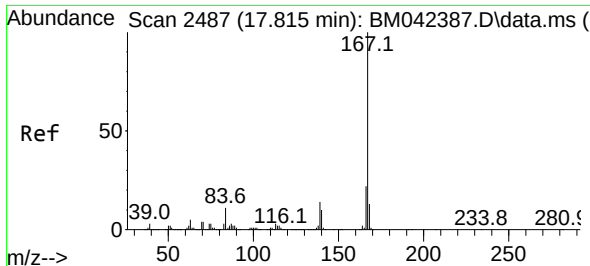
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#72
Anthracene
Concen: 47.708 ng
RT: 17.521 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

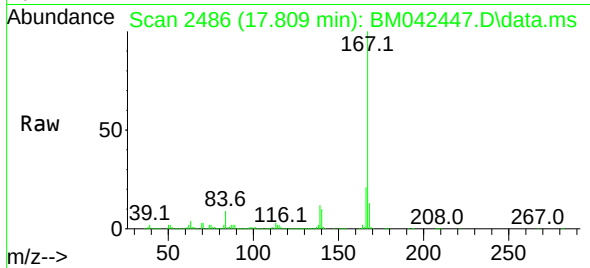
Tgt Ion:178 Resp: 1783016
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.1 18.1





#73
 Carbazole
 Concen: 47.156 ng
 RT: 17.809 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54

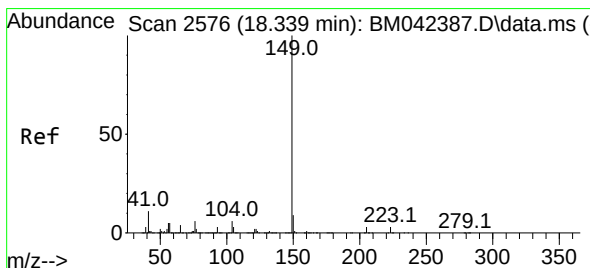
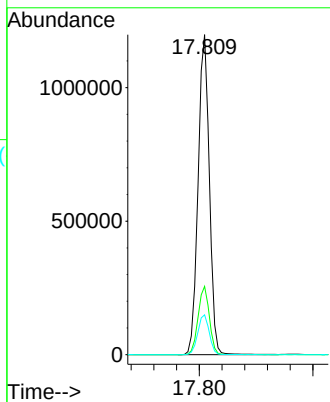
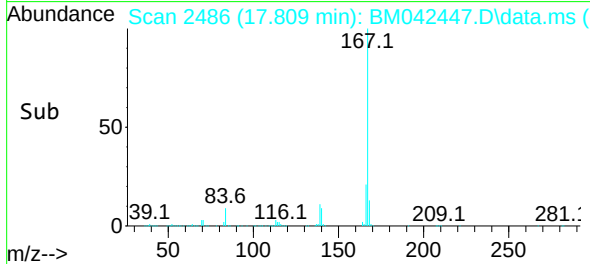
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-COMP-101323MSD



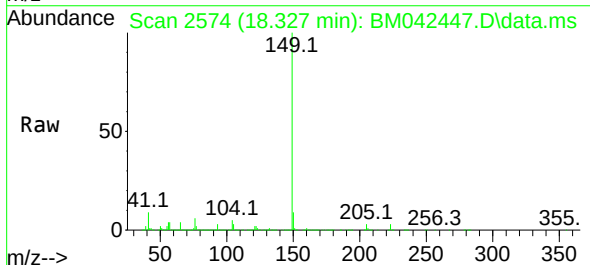
Tgt Ion:167 Resp: 1653329
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.5 10.9 16.3

Manual Integrations
 APPROVED

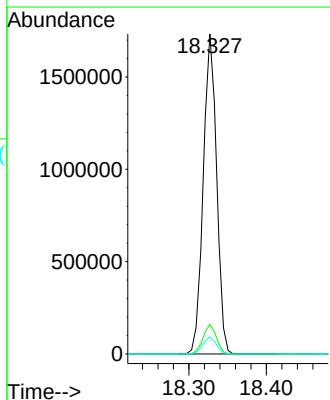
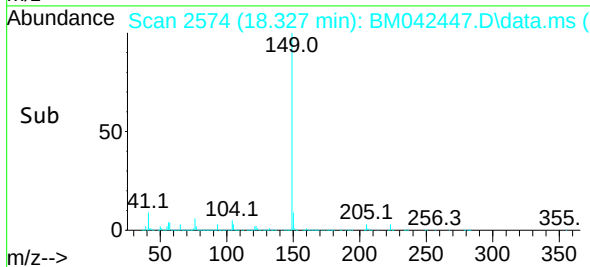
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

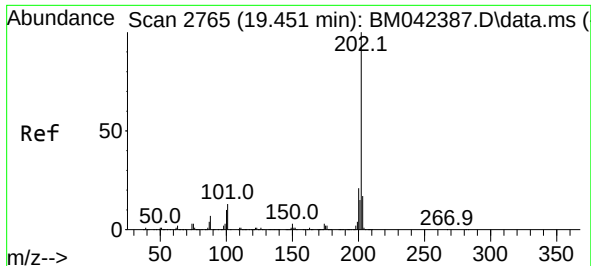


#74
 Di-n-butylphthalate
 Concen: 46.745 ng
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.012 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54



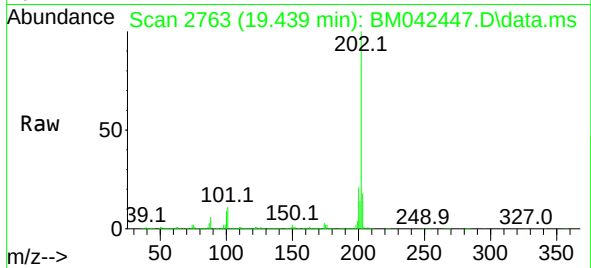
Tgt Ion:149 Resp: 2071891
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.6 7.0





#75
Fluoranthene
Concen: 52.496 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

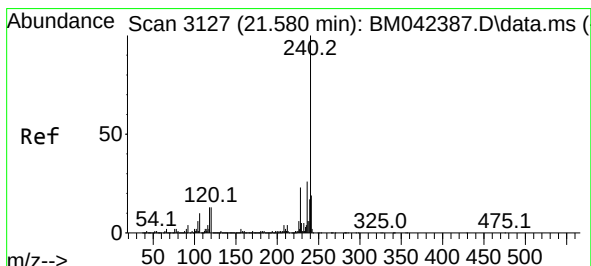
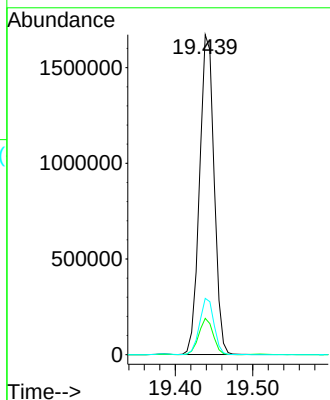
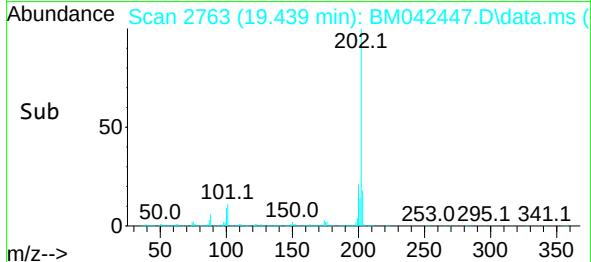
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



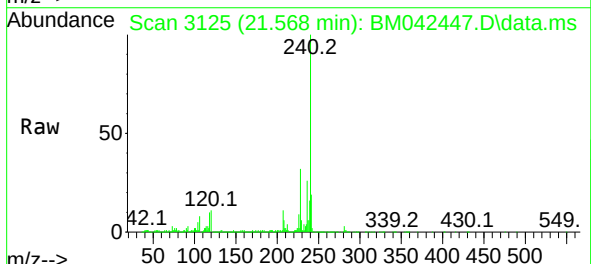
Tgt Ion:202 Resp: 2181779
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.3
203 17.6 0.0 37.5

Manual Integrations
APPROVED

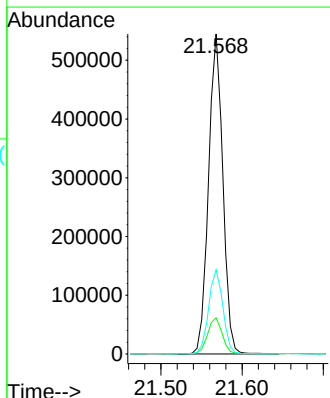
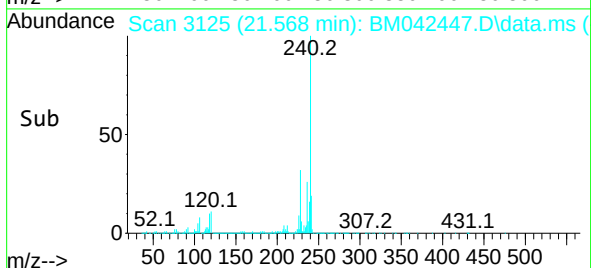
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

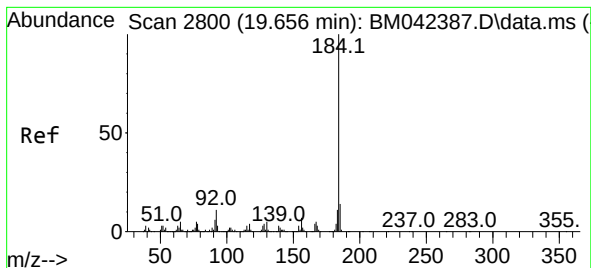


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



Tgt Ion:240 Resp: 664479
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 26.3 20.7 31.1





#77

Benzidine

Concen: 150.343 ng

RT: 19.650 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042447.D

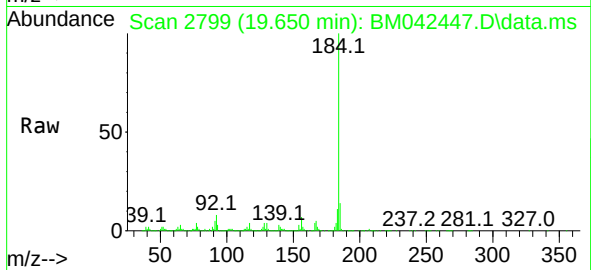
Acq: 25 Oct 2023 20:54

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MSD



Tgt Ion:184 Resp: 1444980

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

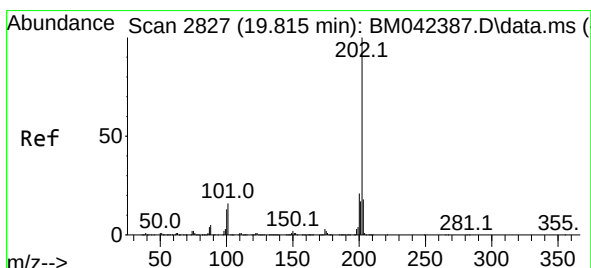
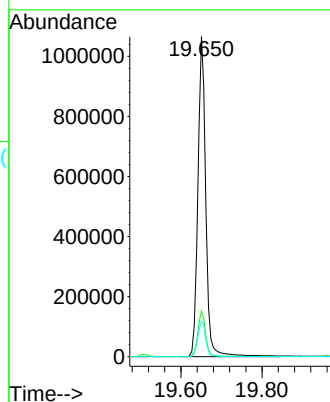
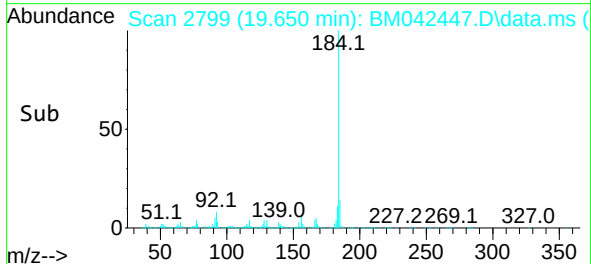
183 11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 48.538 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042447.D

Acq: 25 Oct 2023 20:54

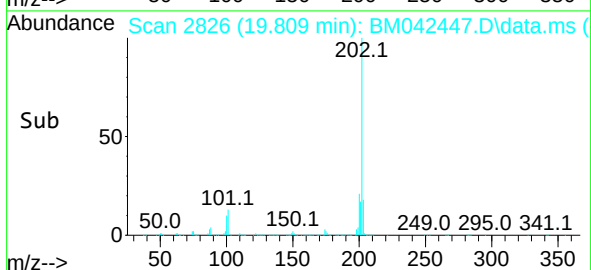
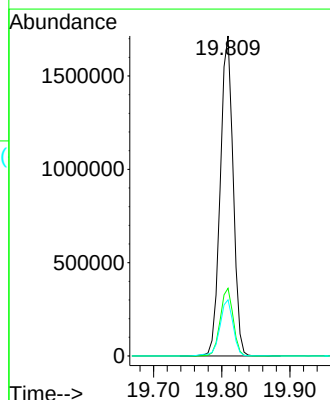
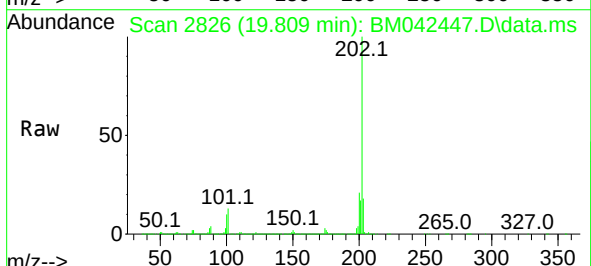
Tgt Ion:202 Resp: 2253794

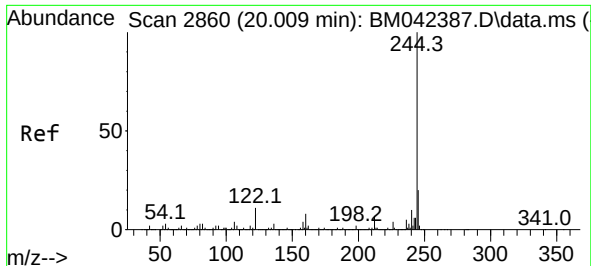
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

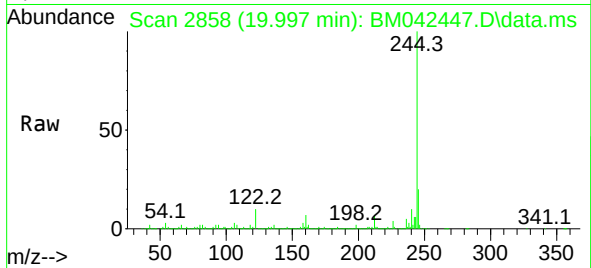
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 75.502 ng
 RT: 19.997 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54

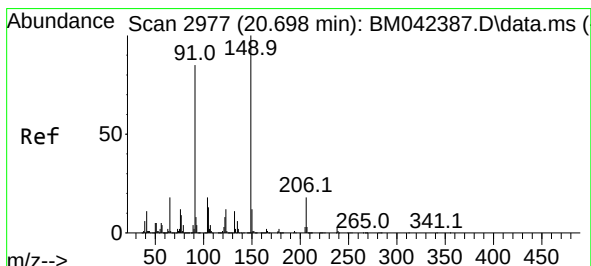
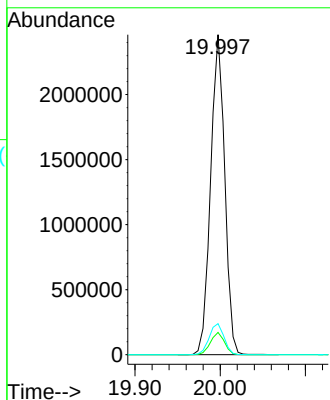
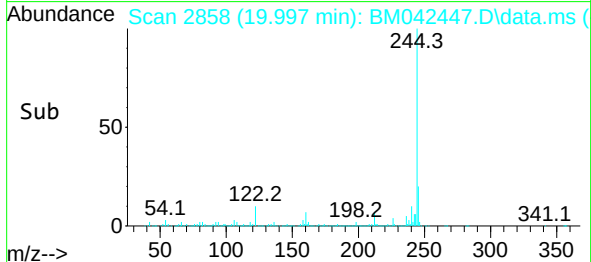
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B4-COMP-101323MSD



Tgt Ion:244 Resp: 282887
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.7 8.8 13.2

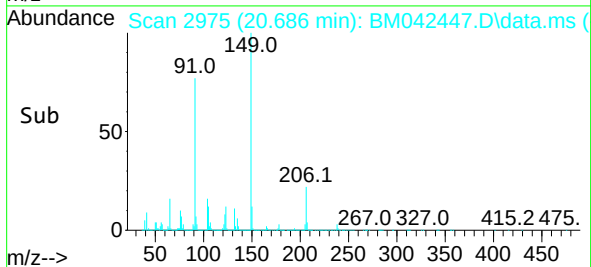
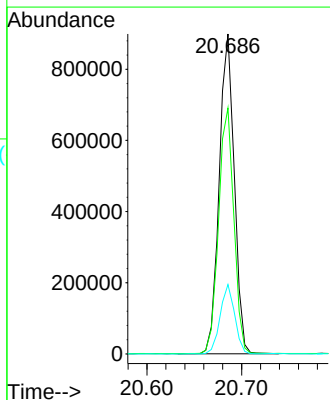
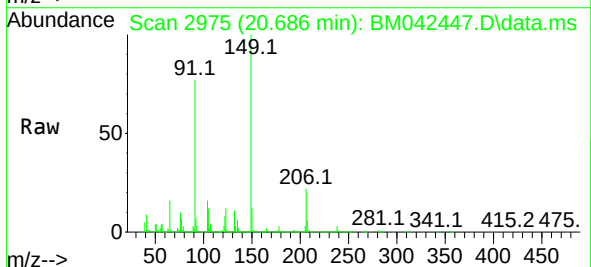
Manual Integrations
 APPROVED

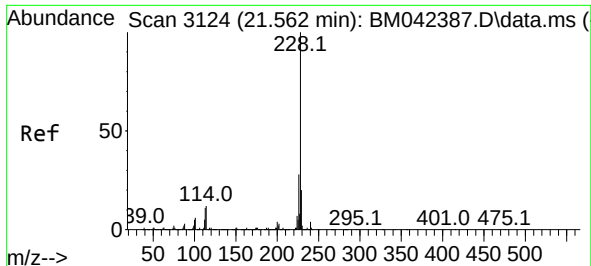
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#80
 Butylbenzylphthalate
 Concen: 47.307 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042447.D
 Acq: 25 Oct 2023 20:54

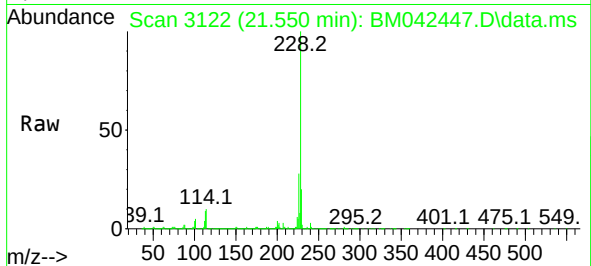
Tgt Ion:149 Resp: 994659
 Ion Ratio Lower Upper
 149 100
 91 76.9 68.3 102.5
 206 21.7 14.6 22.0





#81
Benzo(a)anthracene
Concen: 48.529 ng
RT: 21.550 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

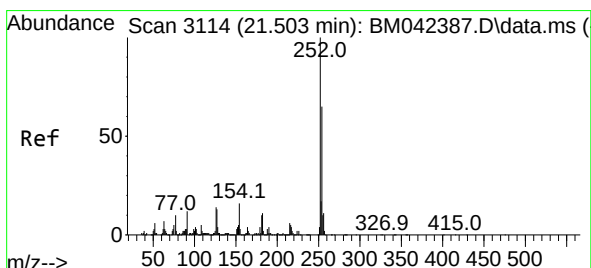
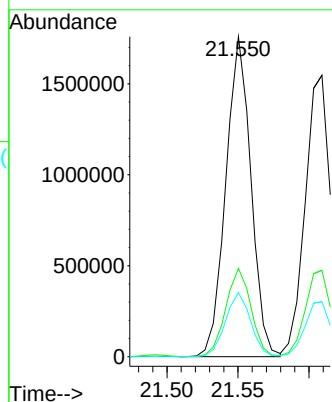
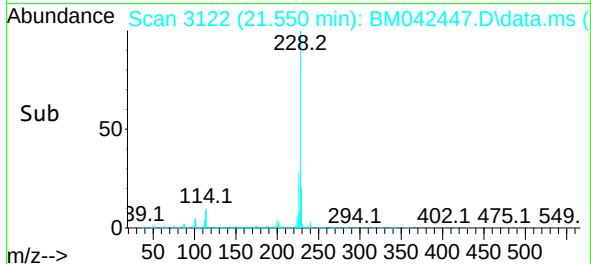
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



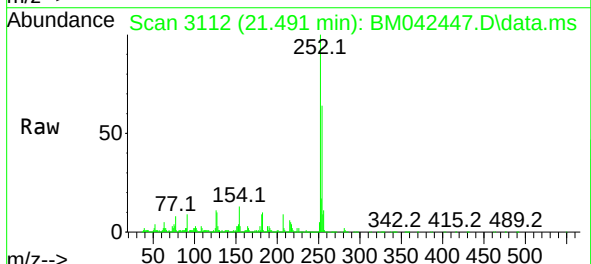
Tgt Ion:228 Resp: 2161729
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.1 15.7 23.5

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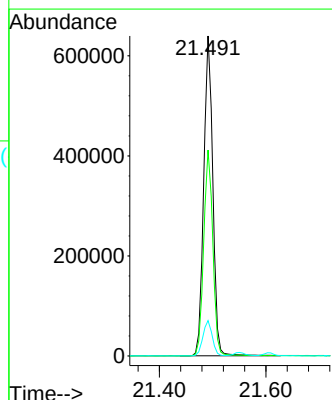
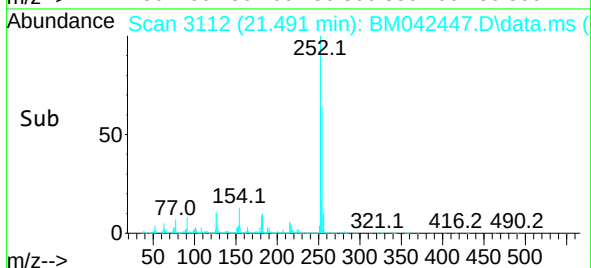
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

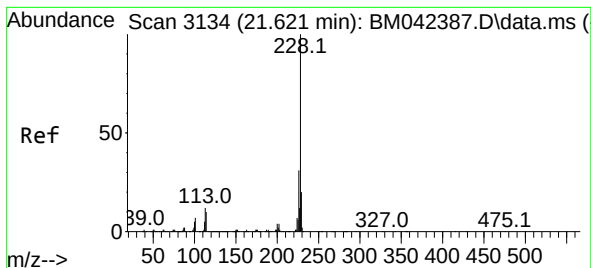


#82
3,3'-Dichlorobenzidine
Concen: 56.854 ng
RT: 21.491 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54



Tgt Ion:252 Resp: 756031
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.2
126 11.0 11.4 17.2#





#83

Chrysene

Concen: 45.695 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042447.D

Acq: 25 Oct 2023 20:54

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MSD

Tgt Ion:228 Resp: 1955028

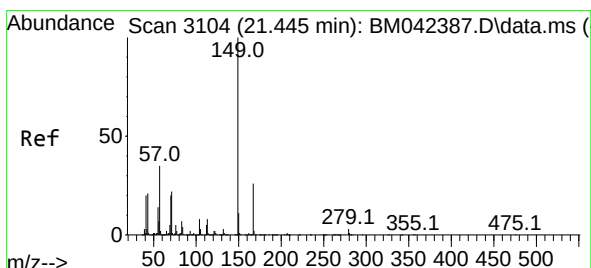
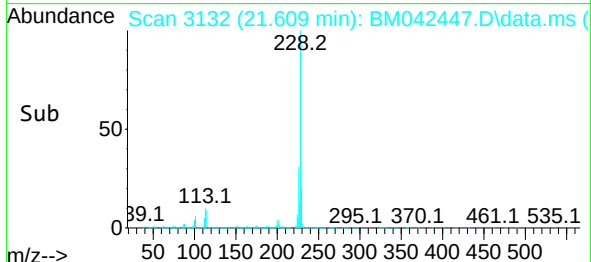
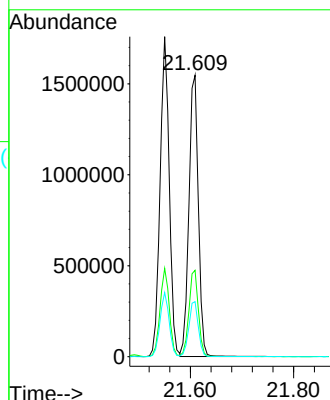
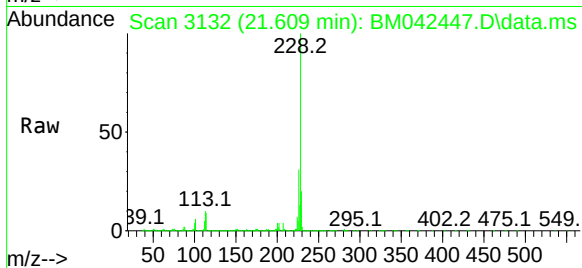
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	19.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.144 ng

RT: 21.427 min Scan# 3101

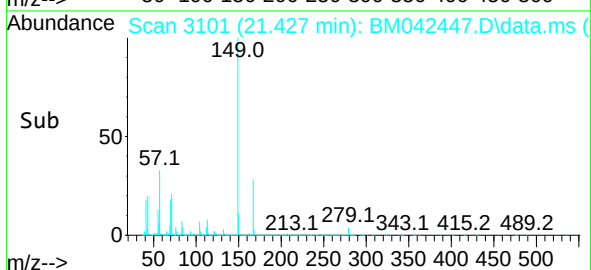
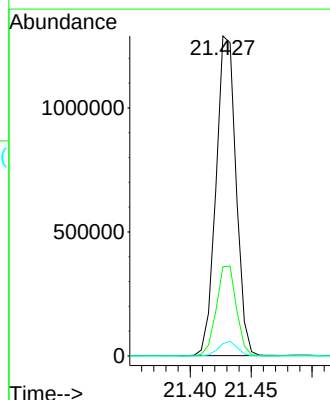
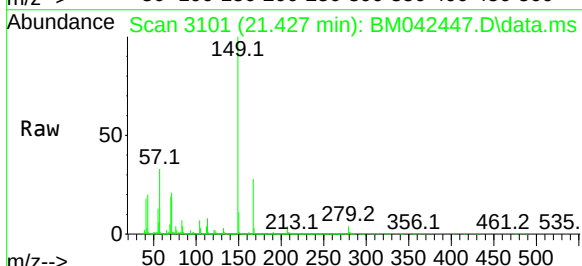
Delta R.T. -0.018 min

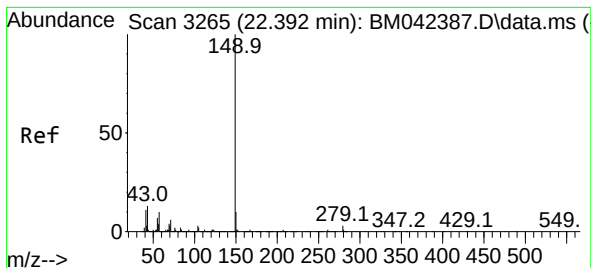
Lab File: BM042447.D

Acq: 25 Oct 2023 20:54

Tgt Ion:149 Resp: 1473079

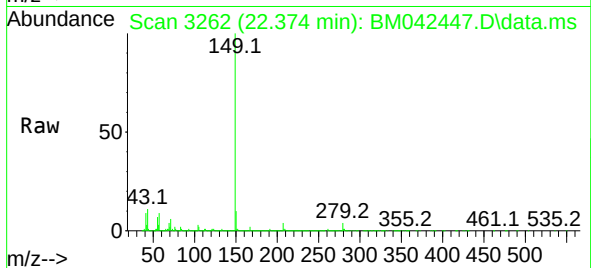
Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.9	31.3
279	3.9	2.7	4.1





#85
Di-n-octyl phthalate
Concen: 49.636 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

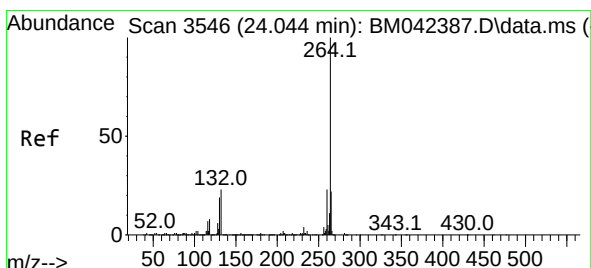
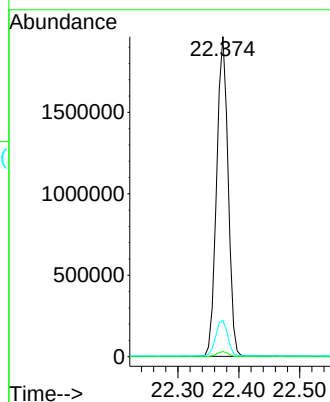
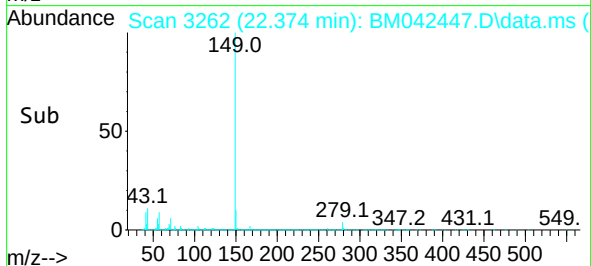
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:149 Resp: 2567944
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 11.0 16.6

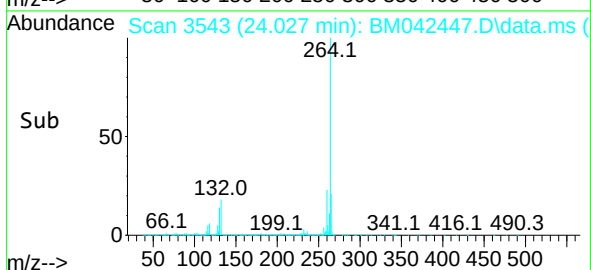
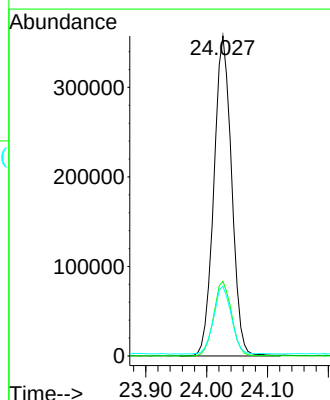
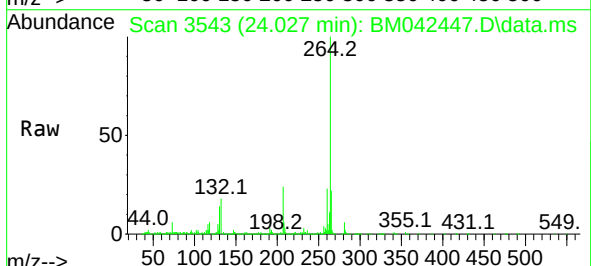
Manual Integrations
APPROVED

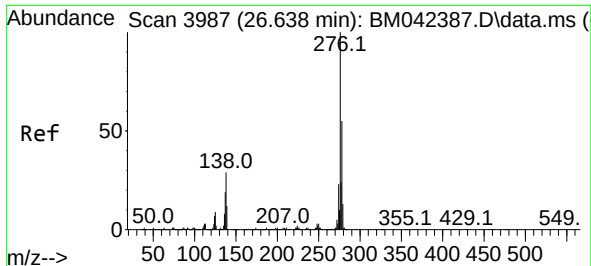
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

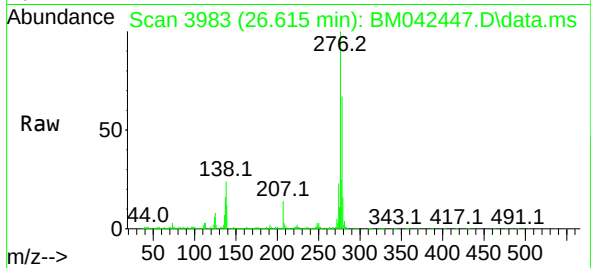
Tgt Ion:264 Resp: 722490
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.8 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.002 ng
RT: 26.615 min Scan# 3983
Delta R.T. -0.024 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

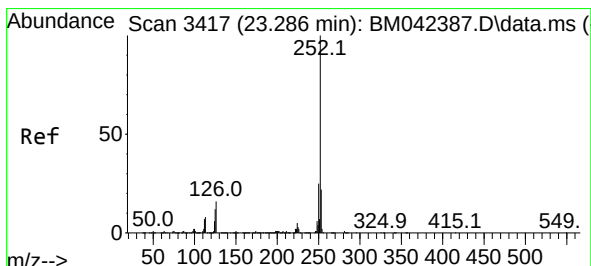
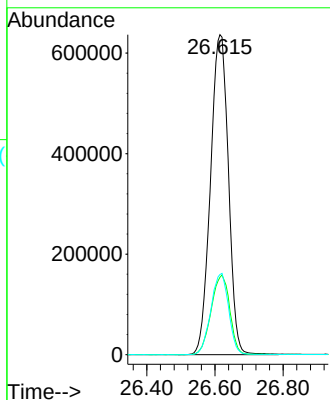
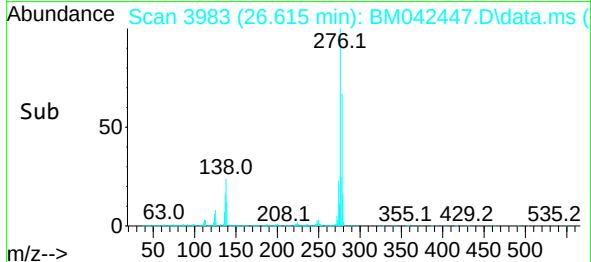
Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD



Tgt Ion:276 Resp: 232328
Ion Ratio Lower Upper
276 100
138 25.8 25.6 38.4
277 25.3 20.0 30.0

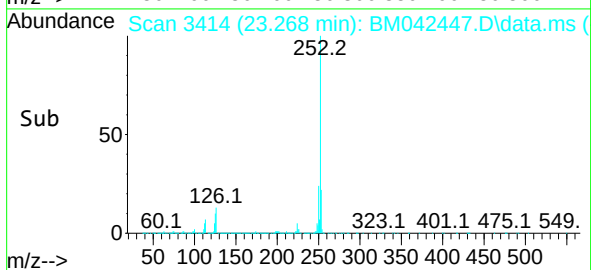
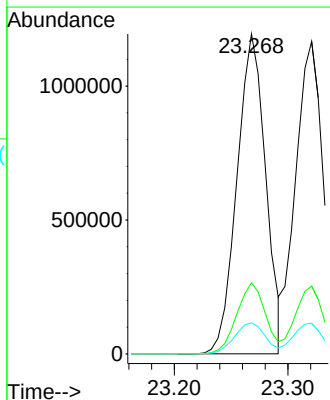
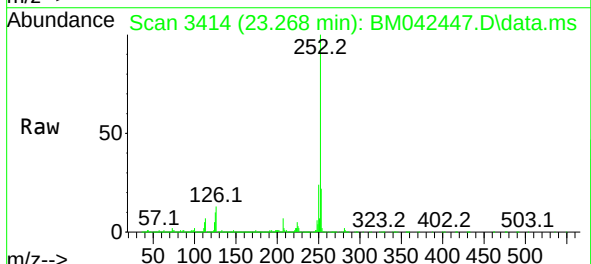
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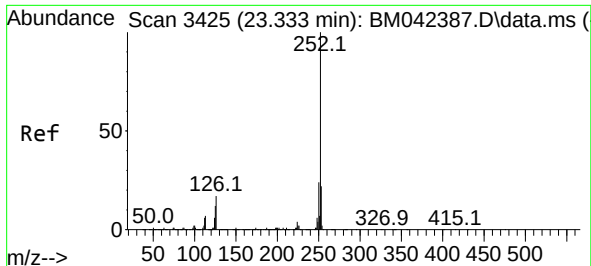
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#88
Benzo(b)fluoranthene
Concen: 48.108 ng
RT: 23.268 min Scan# 3414
Delta R.T. -0.018 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion:252 Resp: 2092134
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.7 9.8 14.8#





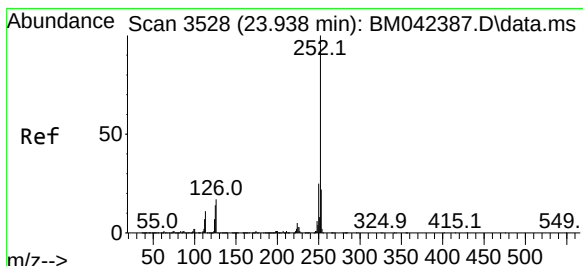
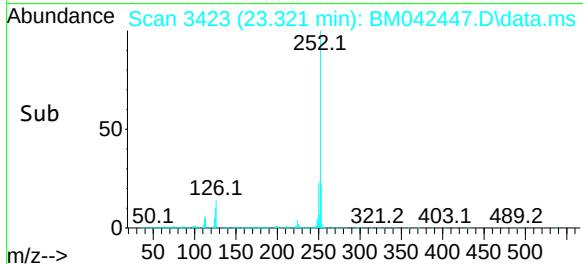
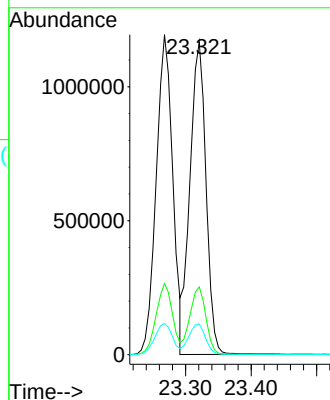
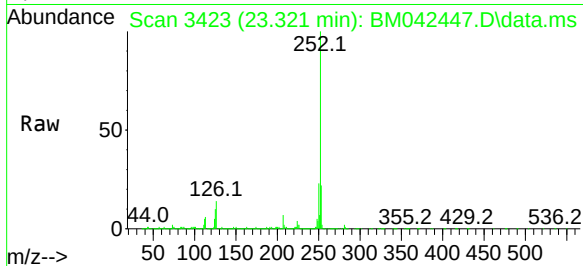
#89
Benzo(k)fluoranthene
Concen: 43.890 ng
RT: 23.321 min Scan# 3425
Delta R.T. -0.012 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Instrument :
BNA_M
ClientSampleId :
LSS-B4-COMP-101323MSD

Tgt Ion:252 Resp: 1981640
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.8 10.2 15.2

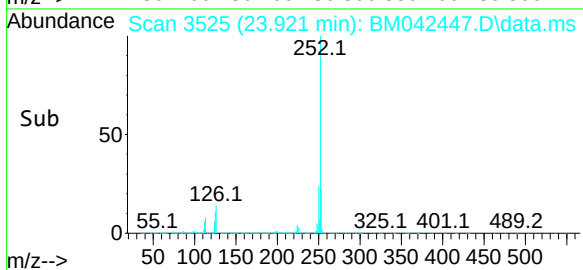
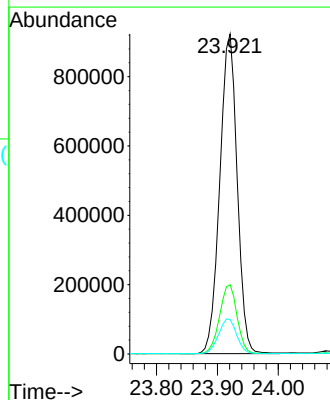
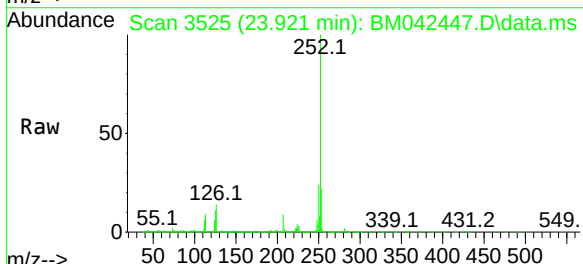
Manual Integrations
APPROVED

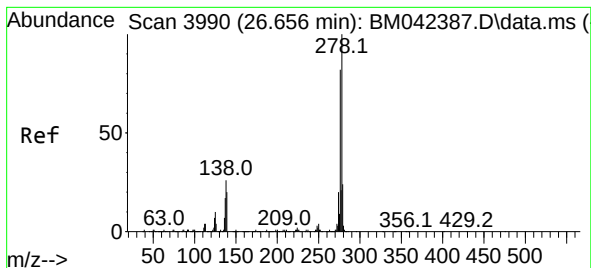
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#90
Benzo(a)pyrene
Concen: 43.679 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042447.D
Acq: 25 Oct 2023 20:54

Tgt Ion:252 Resp: 1828330
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.7 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 44.180 ng

RT: 26.632 min Scan# 3990

Delta R.T. -0.024 min

Lab File: BM042447.D

Acq: 25 Oct 2023 20:54

Instrument :

BNA_M

ClientSampleId :

LSS-B4-COMP-101323MSD

Tgt Ion:278 Resp: 193942

Ion Ratio Lower Upper

278 100

139 16.1 15.6 23.4

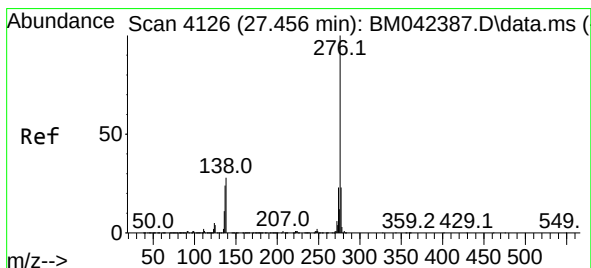
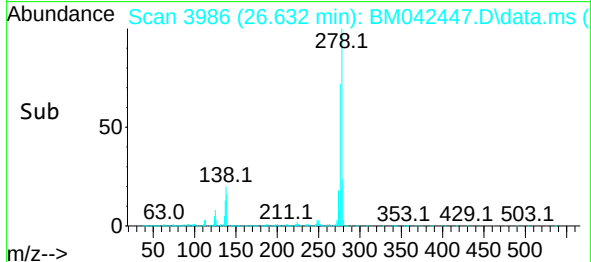
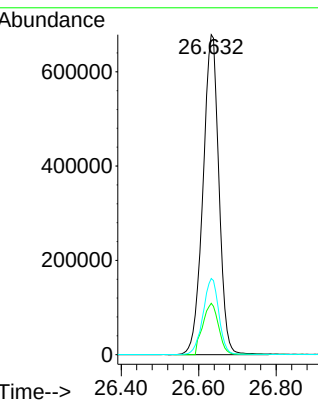
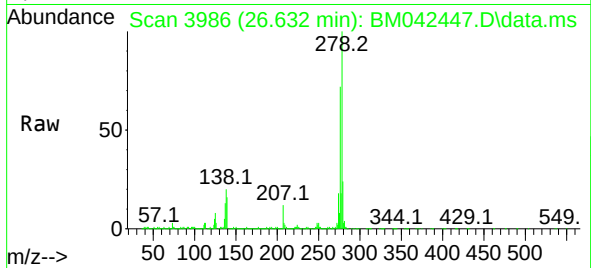
279 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#92

Benzo(g,h,i)perylene

Concen: 43.127 ng

RT: 27.426 min Scan# 4121

Delta R.T. -0.030 min

Lab File: BM042447.D

Acq: 25 Oct 2023 20:54

Tgt Ion:276 Resp: 1838596

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 22.4 22.6 34.0#

