

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048572.D
 Acq On : 09 Nov 2024 19:10
 Operator : RC/JU
 Sample : PB164726BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS726

Quant Time: Nov 09 21:51:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	208665	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	878791	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	544599	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.056	188	1105164	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	1046452	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	1194232	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	28360	5.418	ng/uL	0.00
4) Pyridine-d5	3.540	84	390330	27.059	ng/u1	0.00
7) Phenol-d5	6.845	99	480251	30.234	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	271045	28.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	403677	30.679	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	376458	30.141	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	190489	29.907	ng/u1	0.00
24) 2-Nitrophenol-d4	9.539	143	211835	31.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.080	165	385607	30.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	436714	24.429	ng/u1	0.00
46) Dimethylphthalate-d6	13.727	166	1017569	29.270	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1211860	29.567	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	205517	31.829	ng/u1	0.00
60) Fluorene-d10	15.304	176	884564	29.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	164546	29.597	ng/u1	0.00
73) Anthracene-d10	17.156	188	1382658	29.564	ng/u1	0.00
81) Pyrene-d10	19.450	212	1627890	30.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.991	264	1702134	30.505	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	57697	10.044	ng/uL	97
5) Pyridine	3.557	79	398048	26.881	ng/u1	99
6) Benzaldehyde	6.810	77	31709	4.040	ng/u1	92
8) Phenol	6.869	94	488688	29.323	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.092	93	365456	27.903	ng/u1	98
12) 2-Chlorophenol	7.228	128	408136	29.941	ng/u1	99
13) 2-Methylphenol	8.116	108	361723	29.320	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	531025	27.571	ng/u1	98
16) Acetophenone	8.486	105	565631	29.053	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	266632	29.142	ng/u1	99
18) 4-Methylphenol	8.445	108	403910	29.901	ng/u1	98
19) Hexachloroethane	8.733	117	160939	27.938	ng/u1	98
22) Nitrobenzene	8.863	77	405796	28.099	ng/u1	93
23) Isophorone	9.386	82	764596	28.622	ng/u1	100
25) 2-Nitrophenol	9.569	139	221976	30.065	ng/u1	98
26) 2,4-Dimethylphenol	9.639	107	376659	27.312	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	479527	28.758	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	377773	29.592	ng/u1	96
30) Naphthalene	10.498	128	1228705	27.624	ng/u1	99
32) 4-Chloroaniline	10.616	127	272109	16.143	ng/u1	97
33) Hexachlorobutadiene	10.780	225	237326	27.471	ng/u1	98
34) Caprolactam	11.398	113	76015	18.892	ng/u1	94
35) 4-Chloro-3-methylphenol	11.751	107	375808	30.422	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	816915	28.704	ng/u1	99

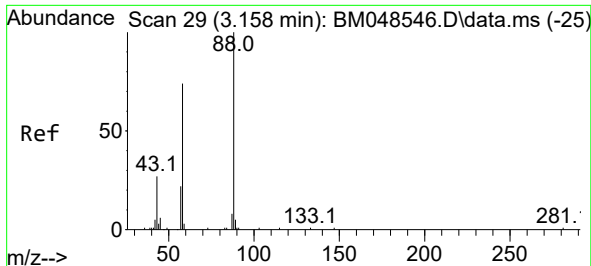
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	806784	27.623	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	432448	27.710	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	184427	23.120	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	294140	29.839	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	317109	30.207	ng/ul	98
43) 1,1'-Biphenyl	13.139	154	1040272	27.936	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	827898	28.175	ng/ul	99
45) 2-Nitroaniline	13.392	65	229274	31.070	ng/ul	95
47) Dimethylphthalate	13.774	163	999650	28.626	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	210426	31.609	ng/ul	96
50) Acenaphthylene	14.027	152	1279984	28.331	ng/ul	100
51) 3-Nitroaniline	14.227	138	213608	29.547	ng/ul	95
52) Acenaphthene	14.374	153	888654	27.939	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	102040	28.507	ng/ul	95
55) 4-Nitrophenol	14.551	109	141572	30.327	ng/ul	96
56) Dibenzofuran	14.710	168	1235710	28.163	ng/ul	100
57) 2,4-Dinitrotoluene	14.686	165	306297	31.653	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.945	232	262212	30.028	ng/ul	99
59) Diethylphthalate	15.139	149	1012473	29.427	ng/ul	100
61) Fluorene	15.362	166	972982	28.008	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	478856	27.979	ng/ul	99
63) 4-Nitroaniline	15.392	138	238471	33.498	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	175828	29.062	ng/ul#	96
67) N-Nitrosodiphenylamine	15.574	169	826864	28.387	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	299762	28.760	ng/ul	99
69) Hexachlorobenzene	16.362	284	356078	28.307	ng/ul	98
70) Atrazine	16.527	200	294861	27.814	ng/ul	98
71) Pentachlorophenol	16.715	266	243006	30.396	ng/ul	99
72) Phenanthrene	17.098	178	1550404	28.286	ng/ul	99
74) Anthracene	17.192	178	1569085	28.524	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	425293	26.976	ng/ul	99
76) Pentachlorobenzene	14.633	250	409961	26.689	ng/ul	98
77) Carbazole	17.462	167	1472473	29.718	ng/ul	99
78) Di-n-butylphthalate	18.027	149	1782363	30.597	ng/ul	100
80) Fluoranthene	19.115	202	1828906	30.014	ng/ul	99
82) Pyrene	19.480	202	1970359	29.821	ng/ul	98
83) Butylbenzylphthalate	20.380	149	831732	32.771	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.191	252	558034	29.350	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1946172	29.502	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.191	149	1193845	32.244	ng/ul	99
87) Chrysene	21.321	228	1844104	29.091	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2123535	31.543	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1970540	29.974	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	1962578	29.942	ng/ul	99
93) Benzo(a)pyrene	24.056	252	1846092	29.868	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	2382098	29.656	ng/ul	99
95) Dibenzo(a,h)anthracene	27.515	278	1941621	29.594	ng/ul	100
96) Benzo(g,h,i)perylene	28.485	276	1851155	29.392	ng/ul	99

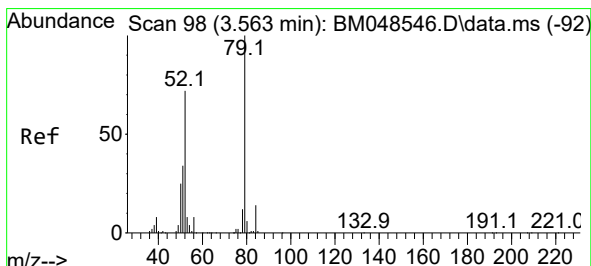
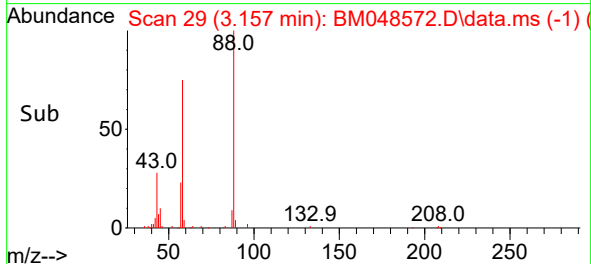
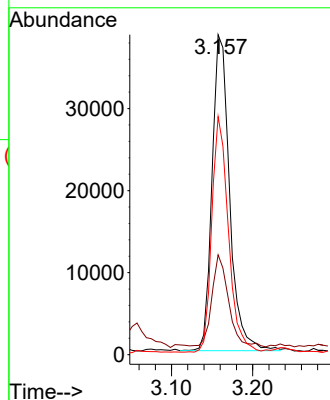
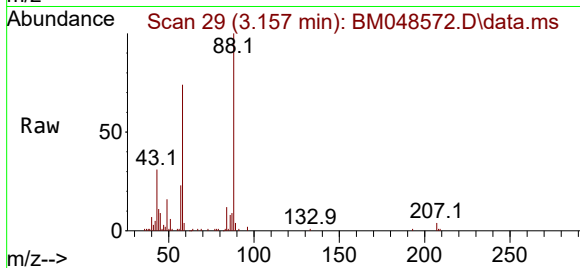
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#2
1,4-Dioxane
Concen: 10.044 ng/uL
RT: 3.157 min Scan# 29
Delta R.T. -0.006 min
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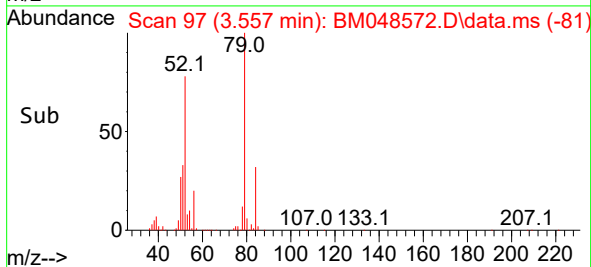
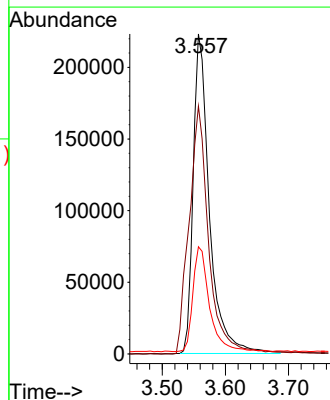
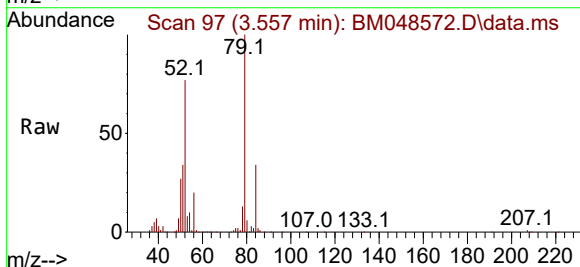
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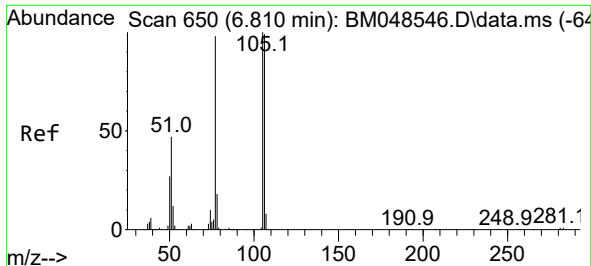
Tgt Ion: 88 Resp: 57697
Ion Ratio Lower Upper
88 100
43 31.2 22.1 33.1
58 74.4 60.7 91.1



#5
Pyridine
Concen: 26.881 ng/uL
RT: 3.557 min Scan# 97
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 79 Resp: 398048
Ion Ratio Lower Upper
79 100
52 77.4 62.6 94.0
51 33.5 27.8 41.8

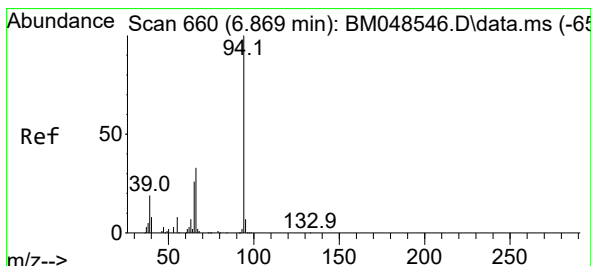
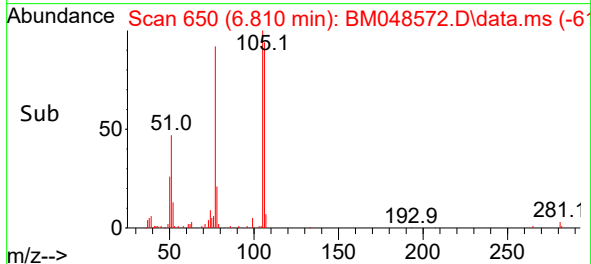
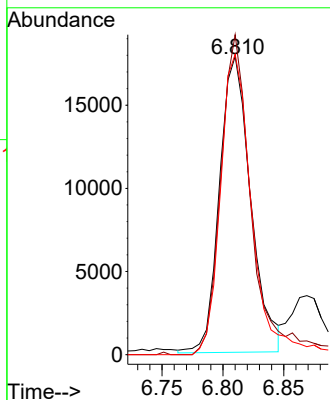
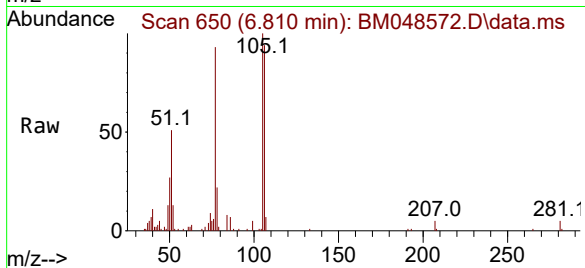




#6
Benzaldehyde
Concen: 4.040 ng/ul
RT: 6.810 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

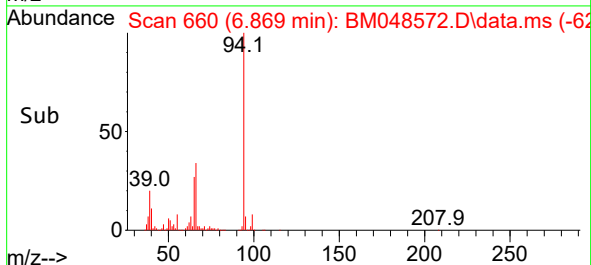
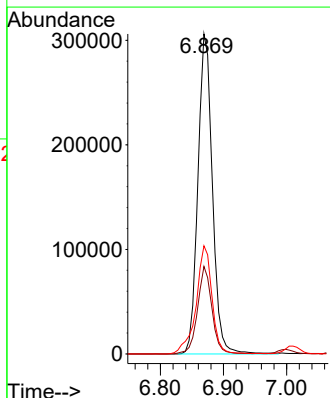
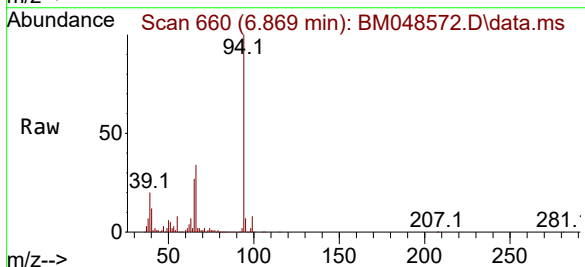
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ClientSampleId :
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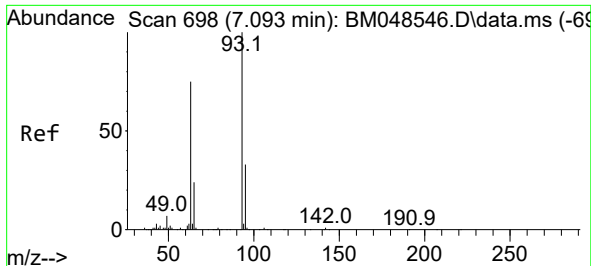
Tgt Ion: 77 Resp: 31709
Ion Ratio Lower Upper
77 100
105 107.3 78.0 117.0
106 100.8 76.6 115.0



#8
Phenol
Concen: 29.323 ng/ul
RT: 6.869 min Scan# 660
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 94 Resp: 488688
Ion Ratio Lower Upper
94 100
65 27.3 20.8 31.2
66 33.8 26.1 39.1

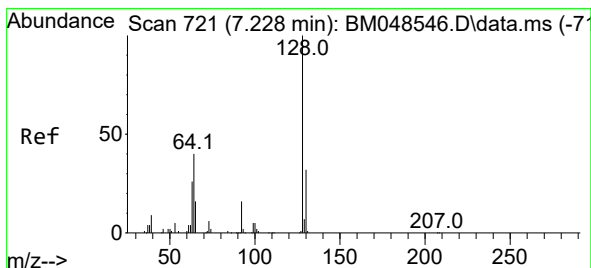
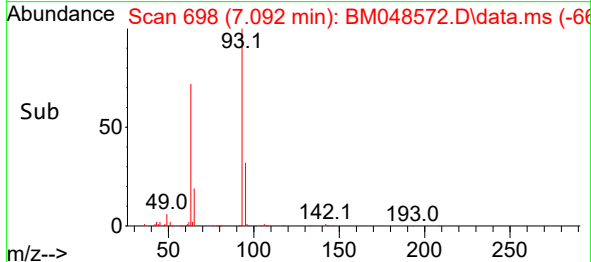
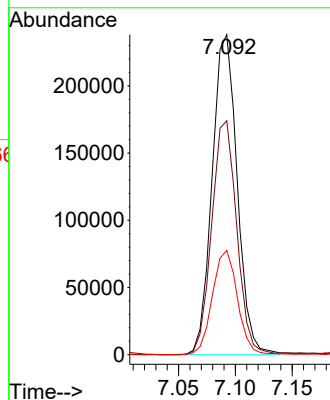
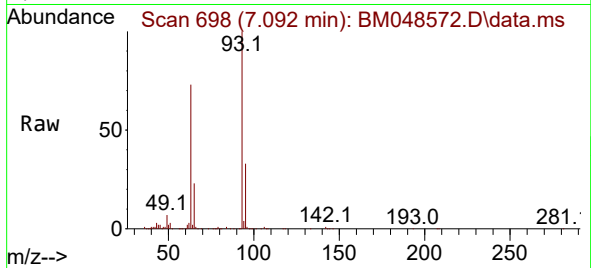




#10
Bis(2-Chloroethyl)ether
Concen: 27.903 ng/ul
RT: 7.092 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

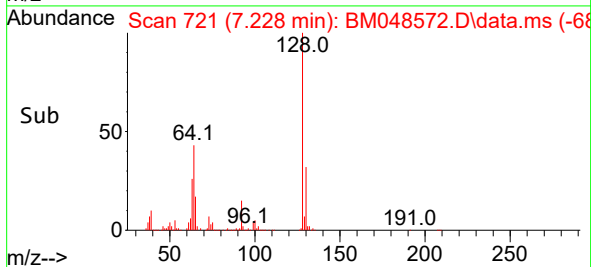
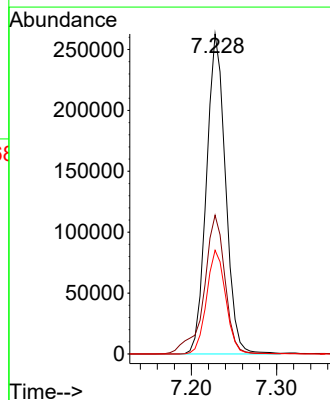
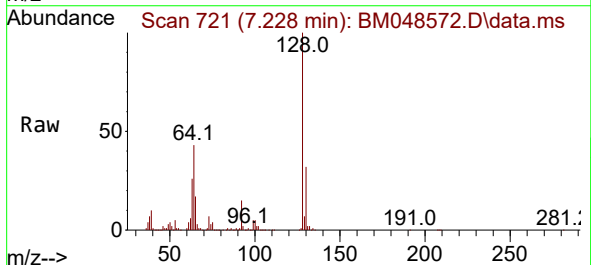
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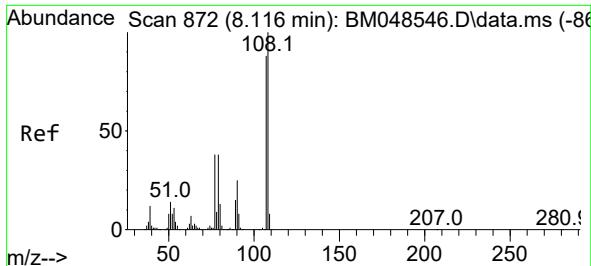
Tgt Ion: 93 Resp: 365456
Ion Ratio Lower Upper
93 100
63 73.1 59.6 89.4
95 32.6 25.0 37.6



#12
2-Chlorophenol
Concen: 29.941 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:128 Resp: 408136
Ion Ratio Lower Upper
128 100
64 43.4 35.2 52.8
130 32.4 25.8 38.6

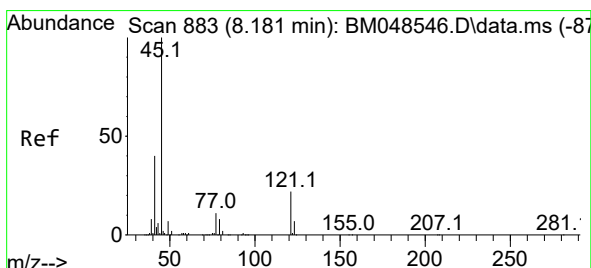
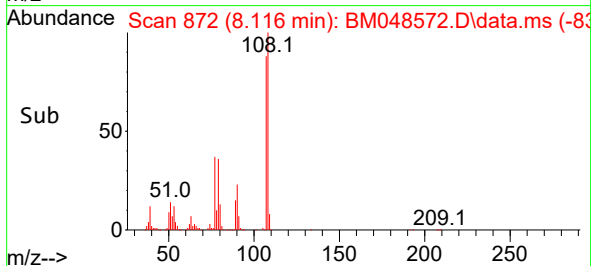
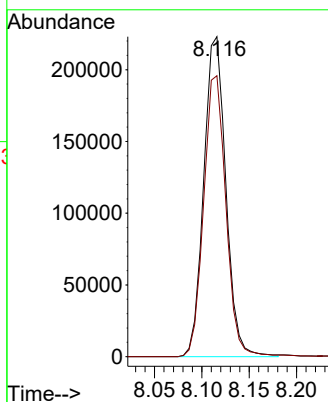
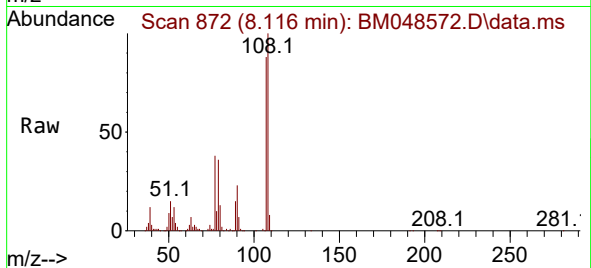




#13
2-Methylphenol
Concen: 29.320 ng/ul
RT: 8.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

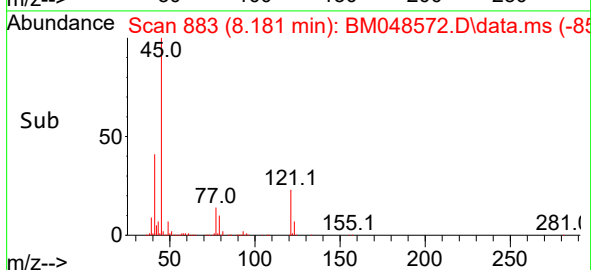
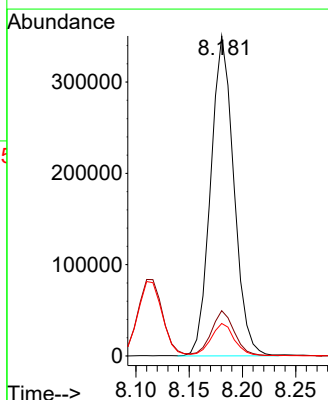
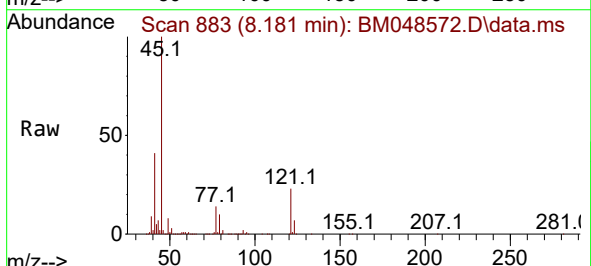
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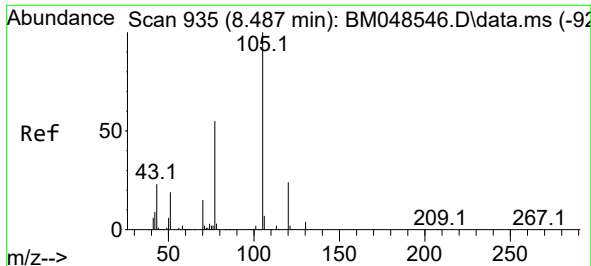
Tgt Ion:108 Resp: 361723
Ion Ratio Lower Upper
108 100
107 87.8 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.571 ng/ul
RT: 8.181 min Scan# 883
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 45 Resp: 531025
Ion Ratio Lower Upper
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77 14.2 10.6 16.0
79 10.1 7.4 11.2

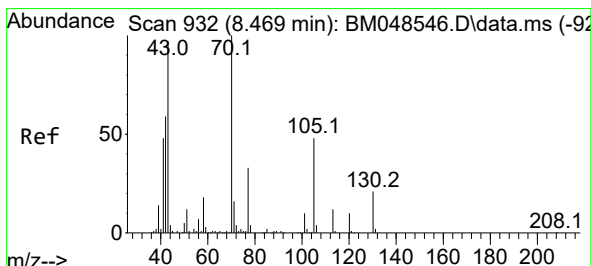
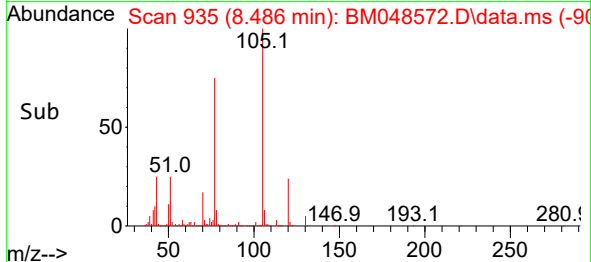
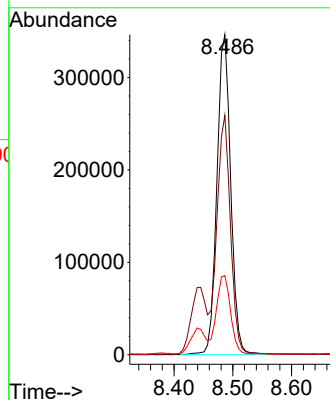
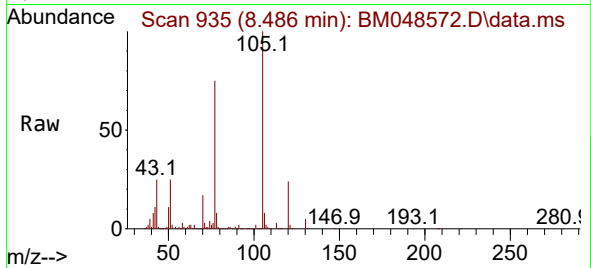




#16
Acetophenone
Concen: 29.053 ng/ul
RT: 8.486 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

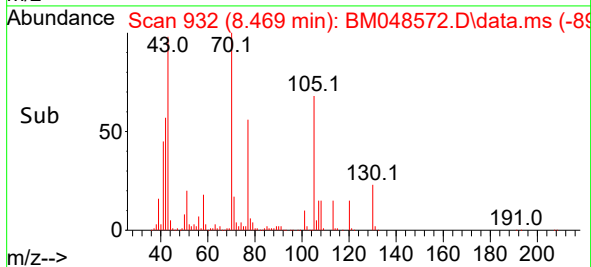
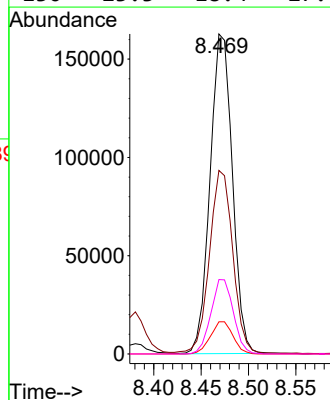
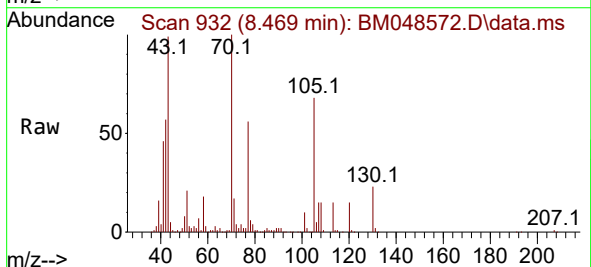
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ClientSampleId :
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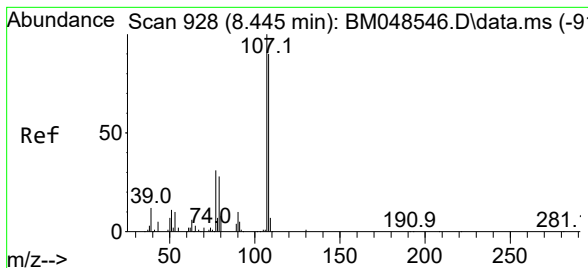
Tgt Ion:105 Resp: 565631
Ion Ratio Lower Upper
105 100
77 74.8 59.7 89.5
51 24.7 20.6 31.0



#17
N-Nitroso-di-n-propylamine
Concen: 29.142 ng/ul
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 70 Resp: 266632
Ion Ratio Lower Upper
70 100
42 57.4 47.0 70.4
101 10.0 8.5 12.7
130 23.3 18.4 27.6

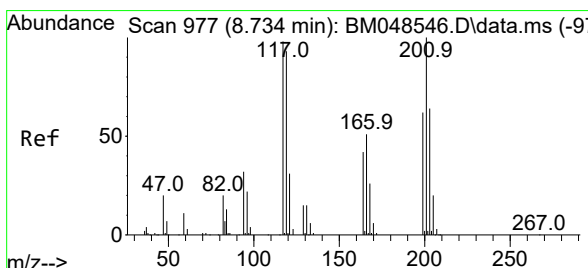
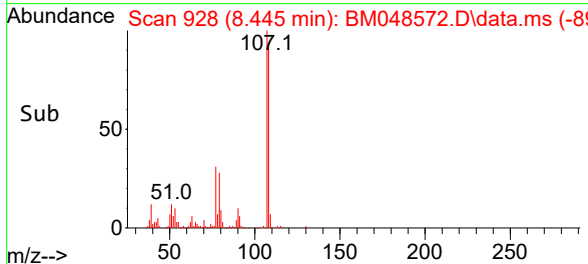
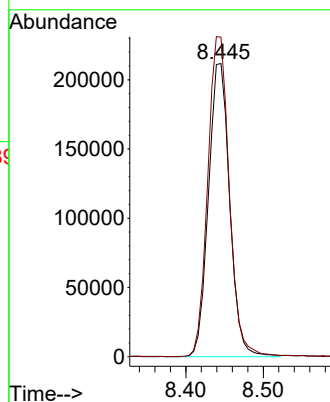
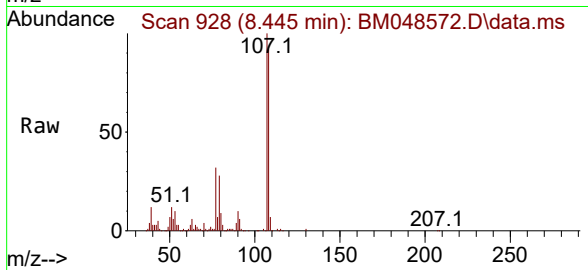




#18
4-Methylphenol
Concen: 29.901 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

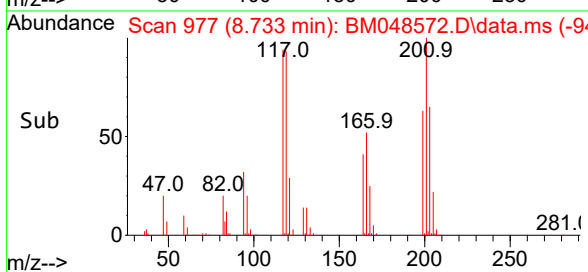
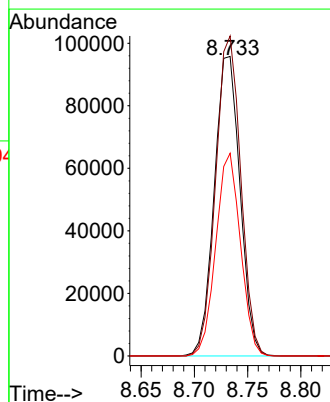
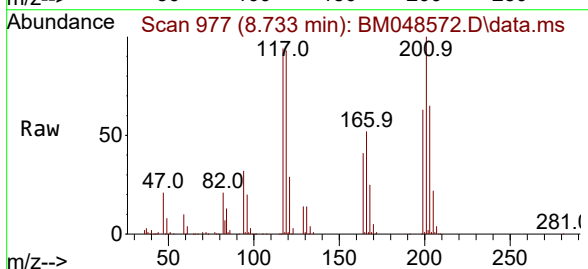
Instrument :
BNA_M
ClientSampleId :
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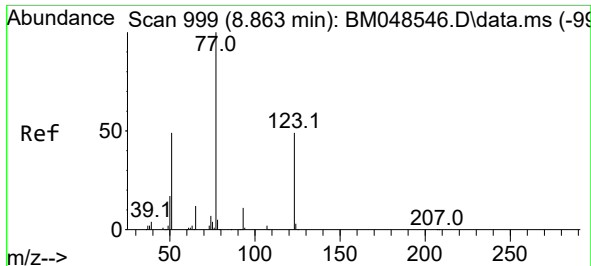
Tgt Ion:108 Resp: 403910
Ion Ratio Lower Upper
108 100
107 109.0 88.8 133.2



#19
Hexachloroethane
Concen: 27.938 ng/ul
RT: 8.733 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:117 Resp: 160939
Ion Ratio Lower Upper
117 100
201 106.8 83.8 125.8
199 67.7 52.1 78.1

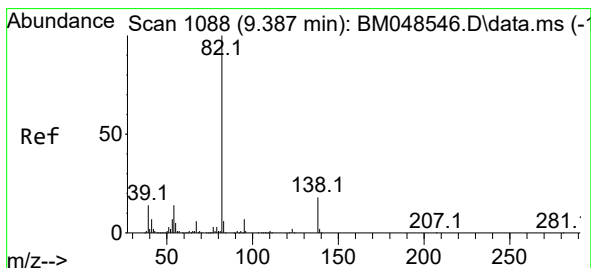
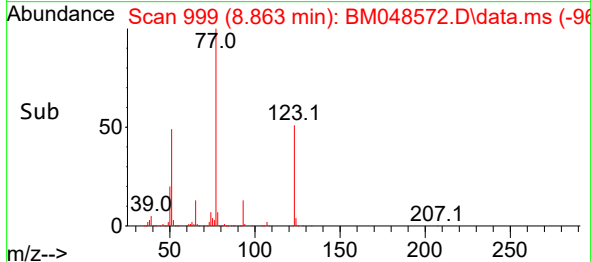
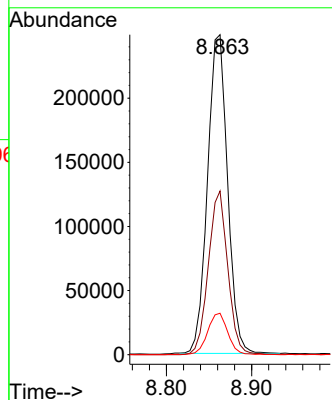
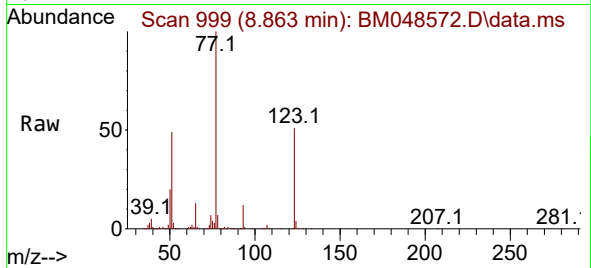




#22
Nitrobenzene
Concen: 28.099 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

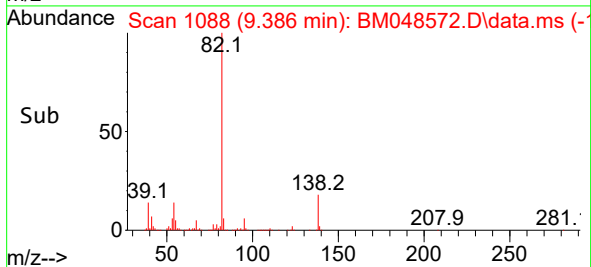
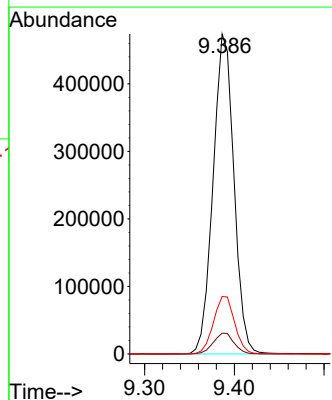
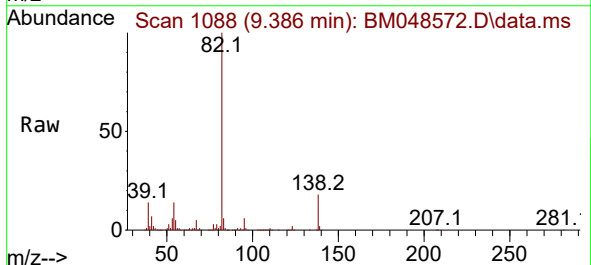
Instrument :
BNA_M
ClientSampleId :
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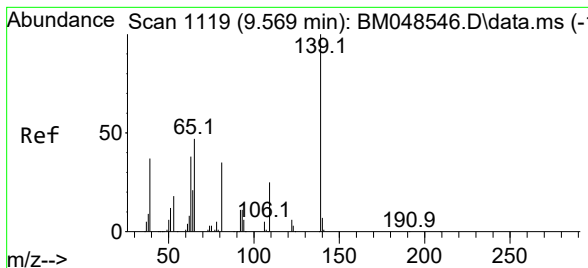
Tgt Ion: 77 Resp: 405796
Ion Ratio Lower Upper
77 100
123 51.2 36.6 55.0
65 12.9 9.5 14.3



#23
Isophorone
Concen: 28.622 ng/ul
RT: 9.386 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 82 Resp: 764596
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.6
138 18.0 14.2 21.4

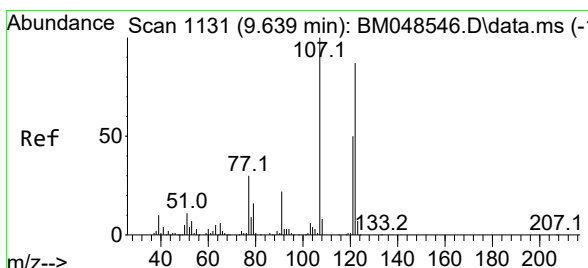
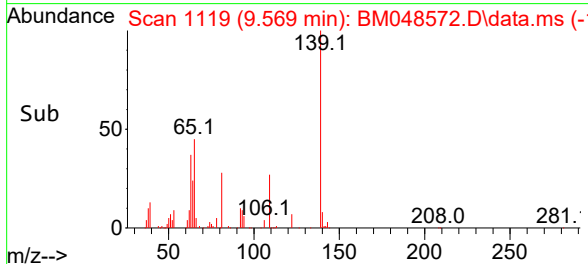
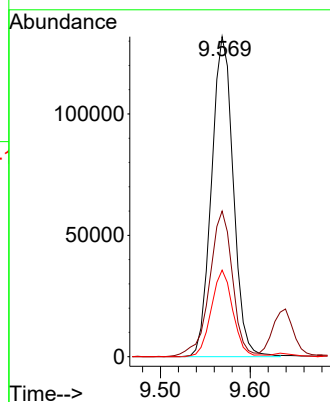
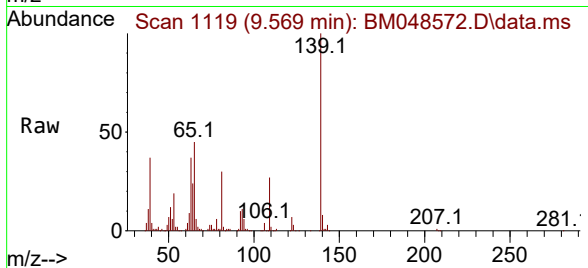




#25
2-Nitrophenol
Concen: 30.065 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

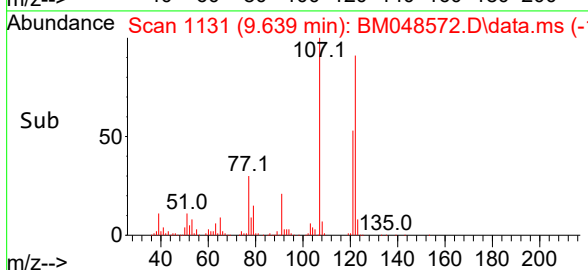
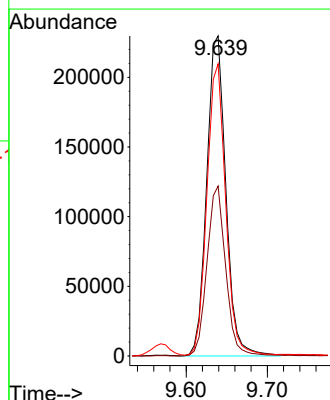
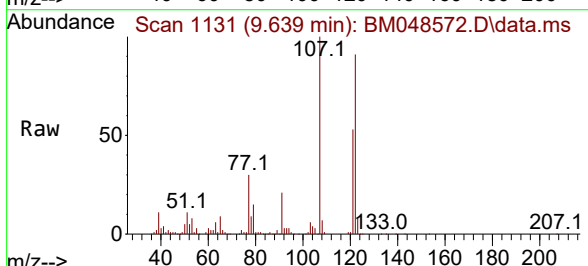
Instrument :
BNA_M
ClientSampleId :
SLCS726

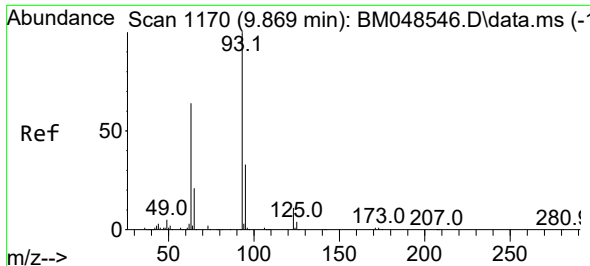
Tgt Ion:139 Resp: 221976
Ion Ratio Lower Upper
139 100
65 45.5 37.7 56.5
109 27.1 22.3 33.5



#26
2,4-Dimethylphenol
Concen: 27.312 ng/ul
RT: 9.639 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:107 Resp: 376659
Ion Ratio Lower Upper
107 100
121 53.1 42.9 64.3
122 91.3 69.8 104.8

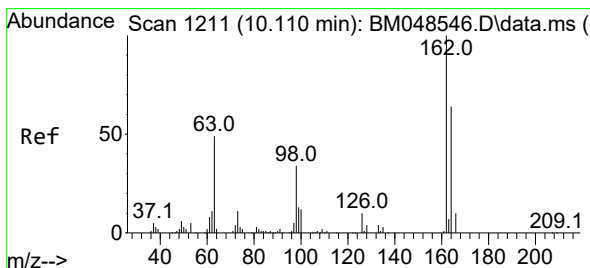
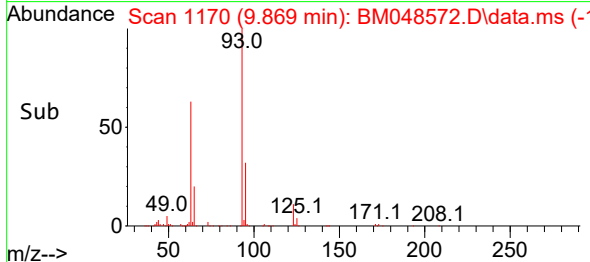
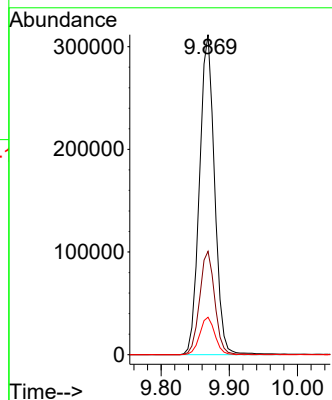
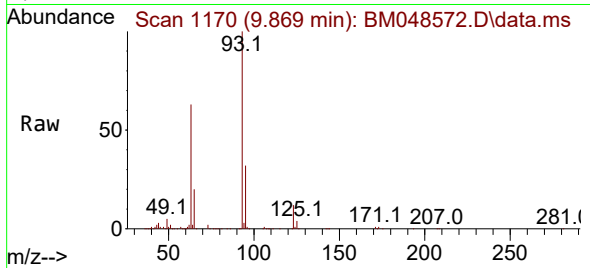




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.758 ng/ul
 RT: 9.869 min Scan# 1170
 Delta R.T. -0.006 min
 Lab File: BM048572.D
 Acq: 09 Nov 2024 19:10

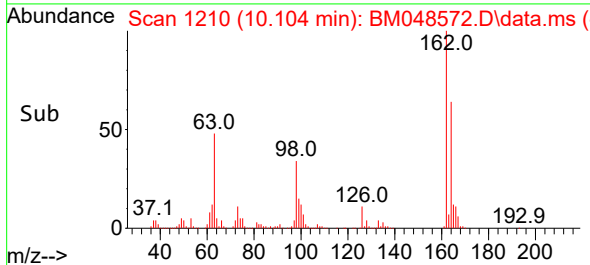
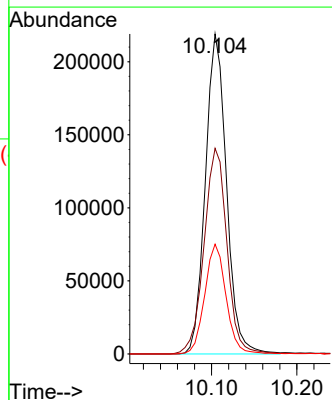
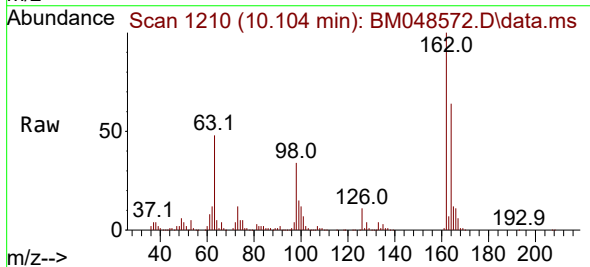
Instrument :
 BNA_M
 ClientSampleId :
 SLCS726

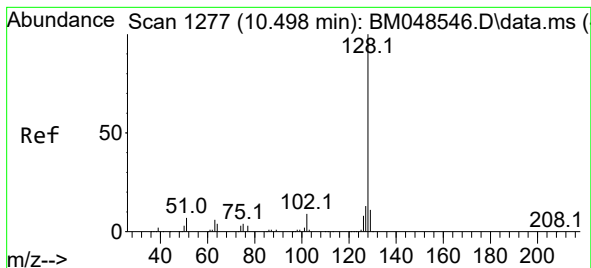
Tgt Ion: 93	Resp: 479527
Ion Ratio	Lower Upper
93 100	
95 32.3	25.3 37.9
123 11.7	9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 29.592 ng/ul
 RT: 10.104 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BM048572.D
 Acq: 09 Nov 2024 19:10

Tgt Ion:162	Resp: 377773
Ion Ratio	Lower Upper
162 100	
164 64.2	54.6 82.0
98 34.3	28.2 42.2

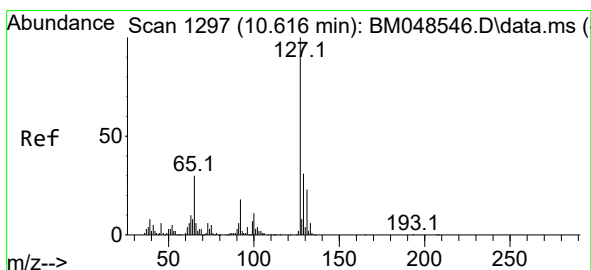
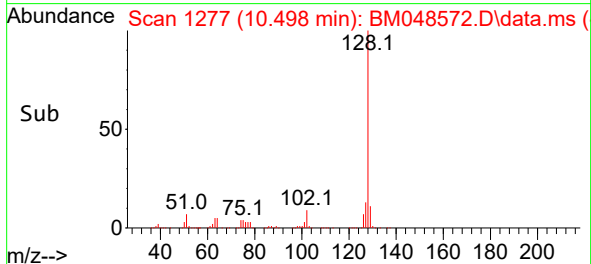
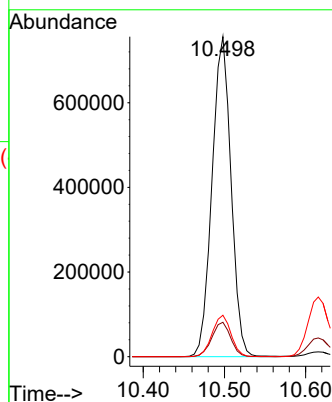
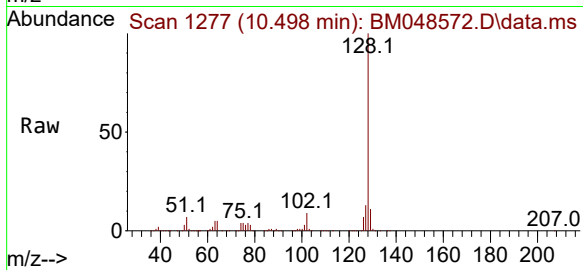




#30
Naphthalene
Concen: 27.624 ng/ul
RT: 10.498 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

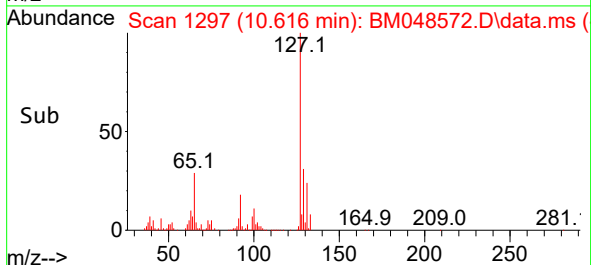
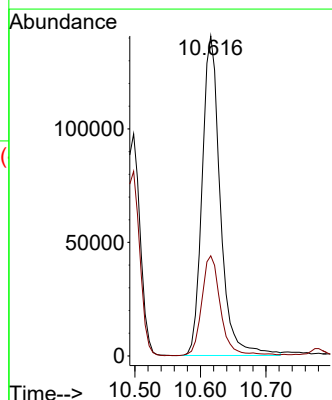
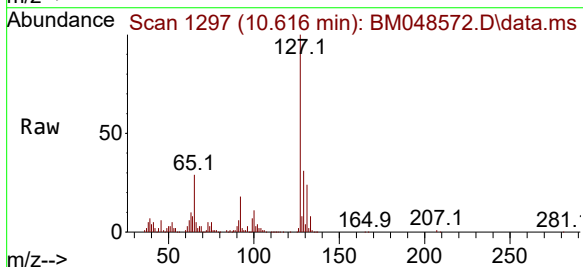
Instrument :
BNA_M
ClientSampleId :
SLCS726

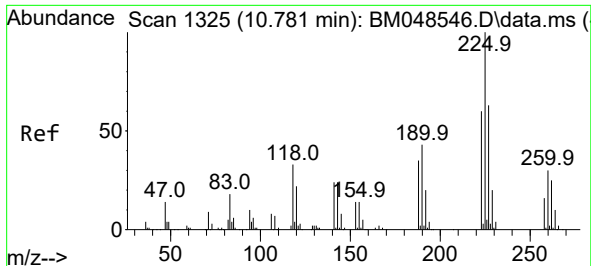
Tgt Ion:128 Resp: 1228705
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.0 15.0



#32
4-Chloroaniline
Concen: 16.143 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:127 Resp: 272109
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.4

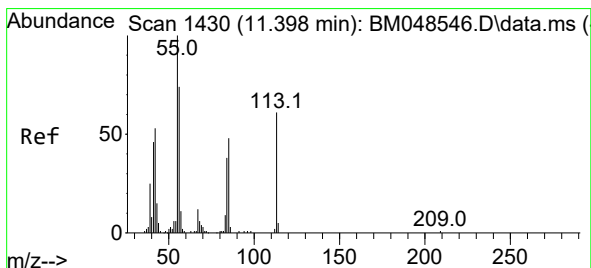
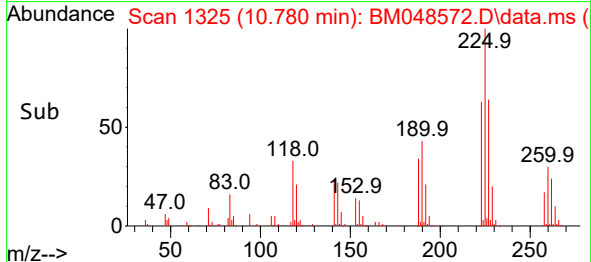
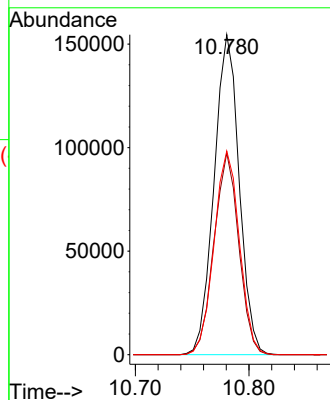
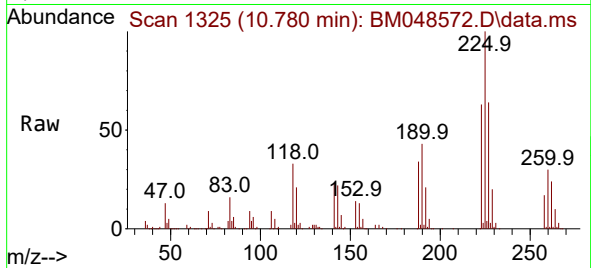




#33
Hexachlorobutadiene
Concen: 27.471 ng/ul
RT: 10.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

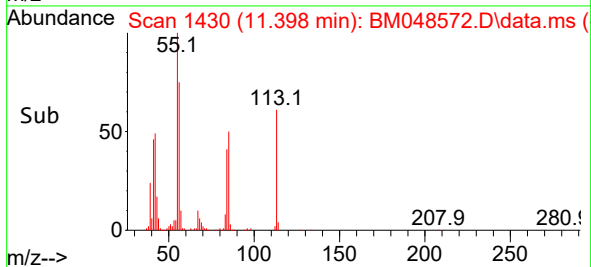
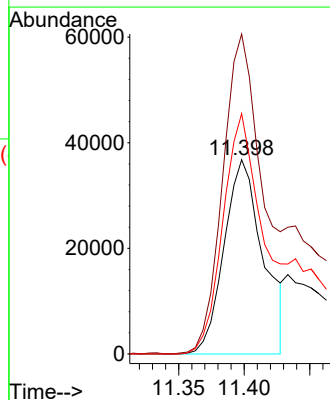
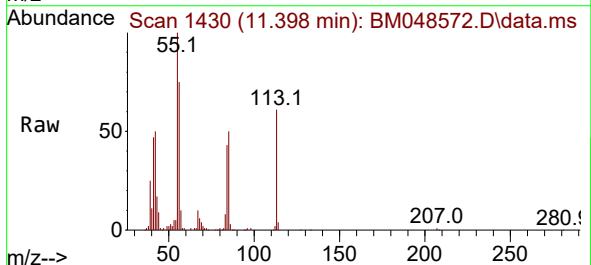
Instrument :
BNA_M
ClientSampleId :
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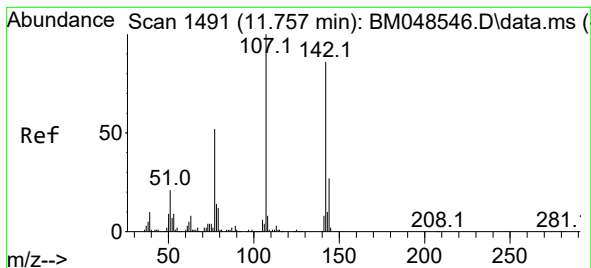
Tgt Ion:225 Resp: 237326
Ion Ratio Lower Upper
225 100
223 63.0 48.5 72.7
227 63.6 51.5 77.3



#34
Caprolactam
Concen: 18.892 ng/ul
RT: 11.398 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:113 Resp: 76015
Ion Ratio Lower Upper
113 100
55 164.7 138.5 207.7
56 123.7 104.1 156.1

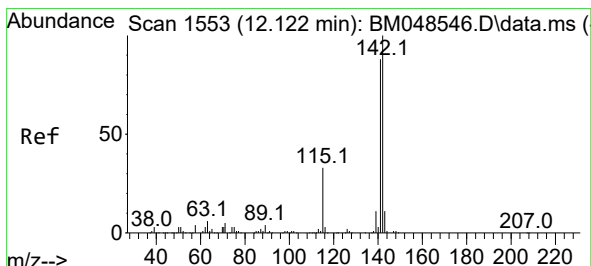
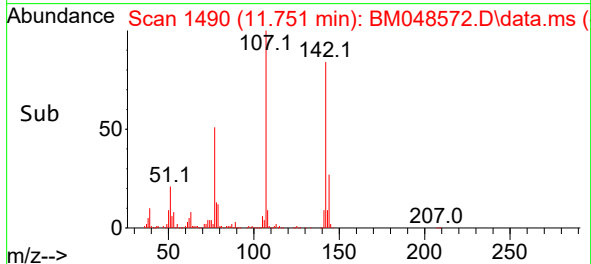
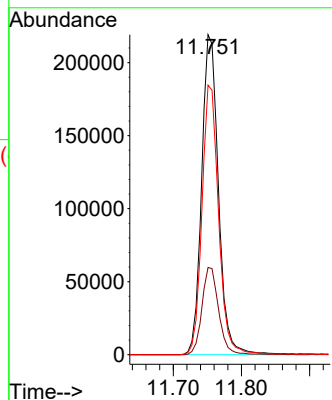
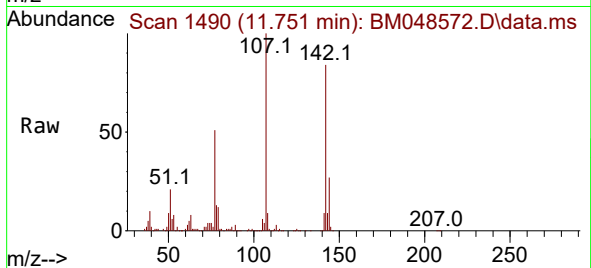




#35
4-Chloro-3-methylphenol
Concen: 30.422 ng/ul
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

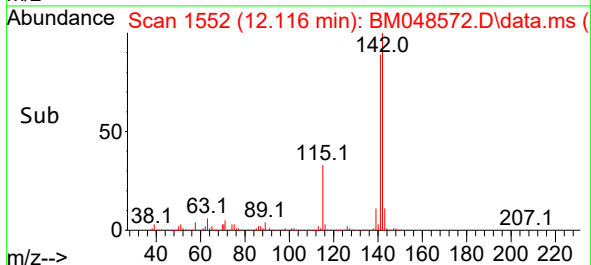
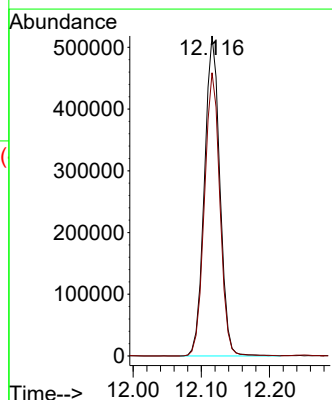
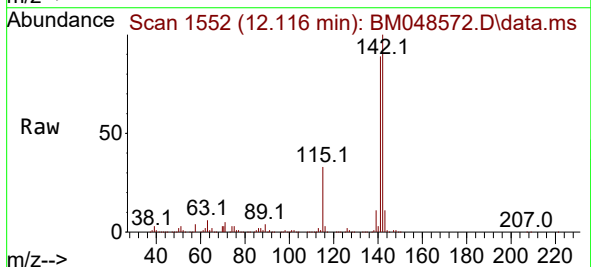
Instrument :
BNA_M
ClientSampleId :
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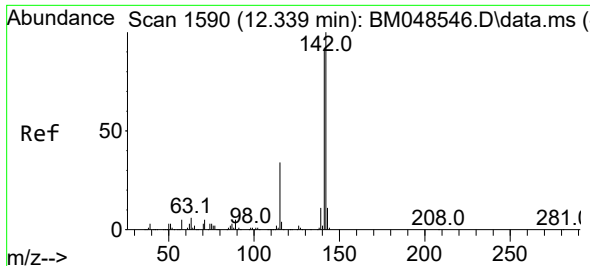
Tgt Ion:107 Resp: 375808
Ion Ratio Lower Upper
107 100
144 27.3 20.6 31.0
142 84.3 66.7 100.1



#36
2-Methylnaphthalene
Concen: 28.704 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:142 Resp: 816915
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

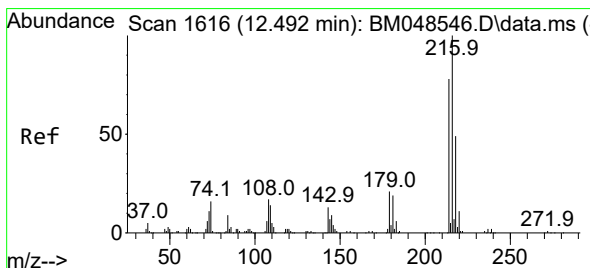
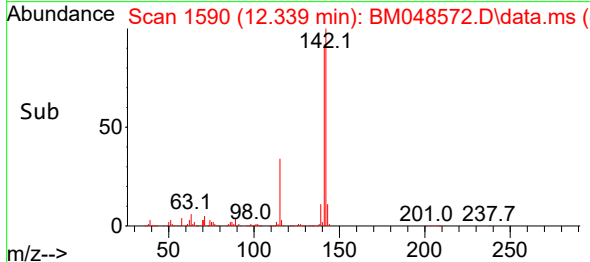
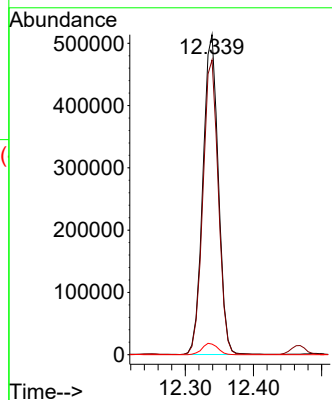
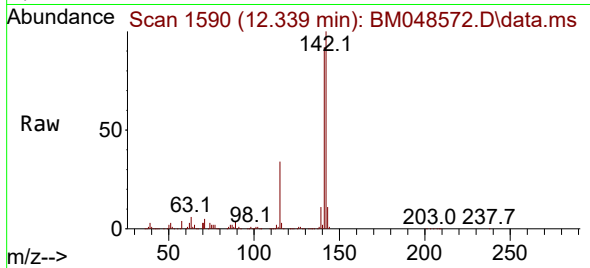




#37
1-Methylnaphthalene
Concen: 27.623 ng/ul
RT: 12.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

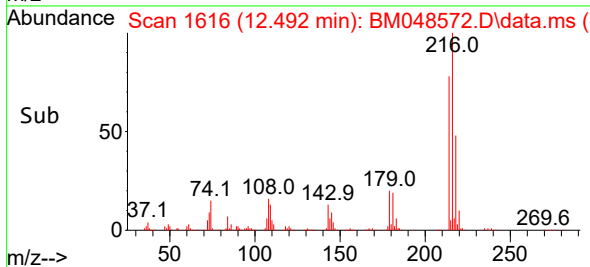
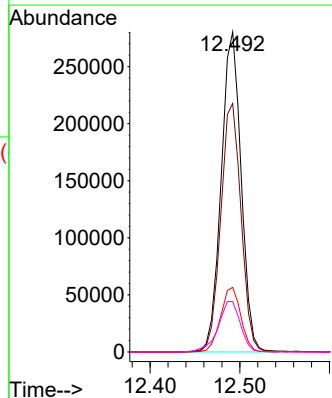
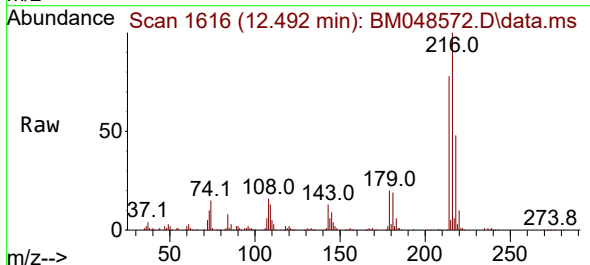
Instrument :
BNA_M
ClientSampleId :
SLCS726

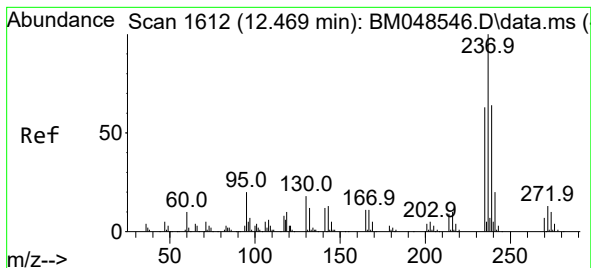
Tgt Ion:142 Resp: 806784
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4
116 3.3 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.710 ng/ul
RT: 12.492 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:216 Resp: 432448
Ion Ratio Lower Upper
216 100
214 77.6 62.6 93.8
179 20.2 16.5 24.7
108 15.8 12.9 19.3

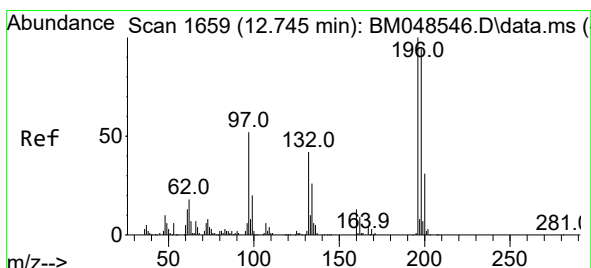
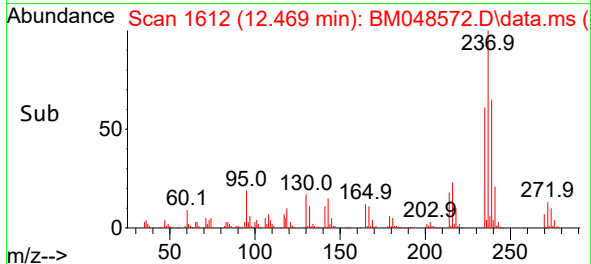
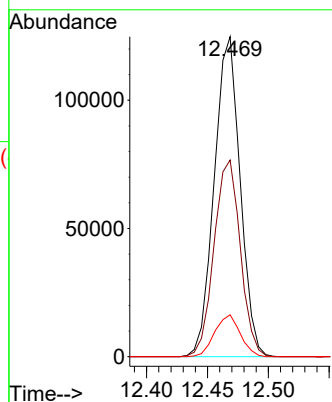
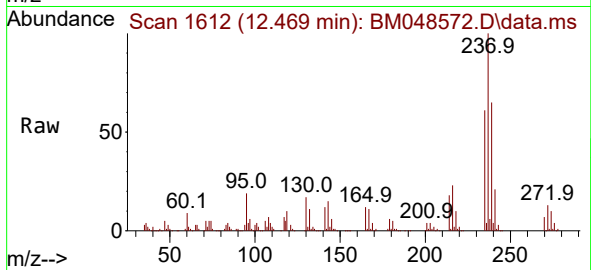




#40
Hexachlorocyclopentadiene
Concen: 23.120 ng/ul
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

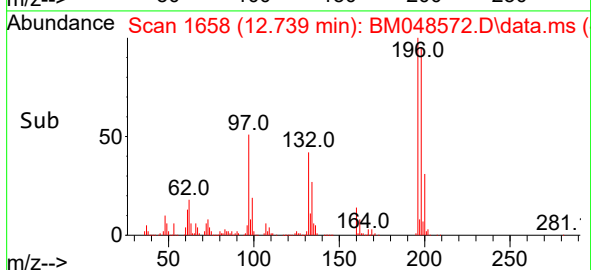
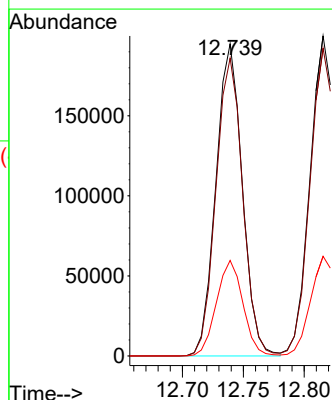
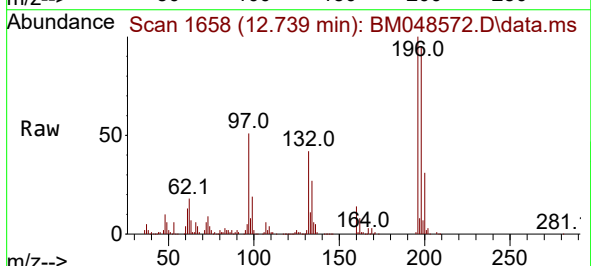
Instrument :
BNA_M
ClientSampleId :
SLCS726

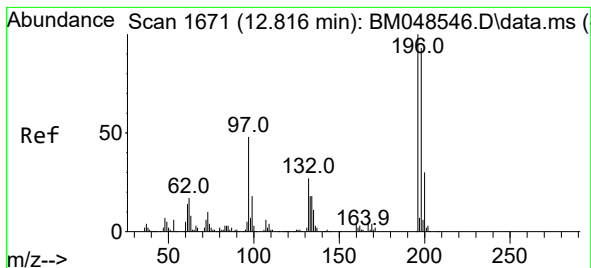
Tgt Ion:237 Resp: 184427
Ion Ratio Lower Upper
237 100
235 61.4 50.0 75.0
272 13.1 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 29.839 ng/ul
RT: 12.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:196 Resp: 294140
Ion Ratio Lower Upper
196 100
198 95.4 76.6 114.8
200 30.6 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 30.207 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

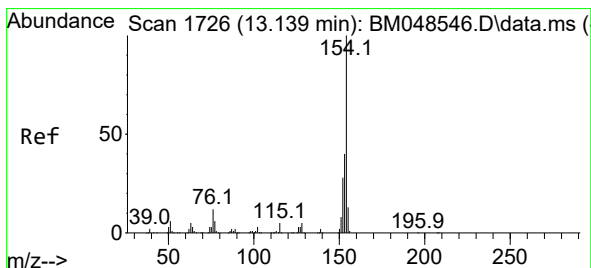
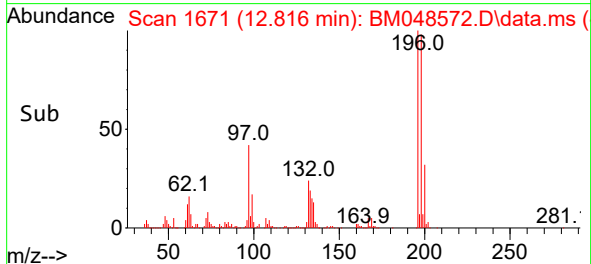
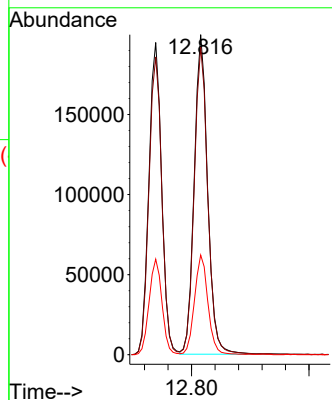
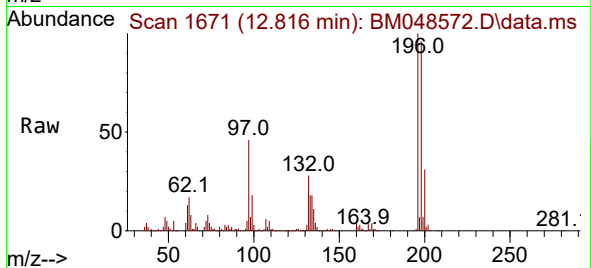
Tgt Ion:196 Resp: 317109

Ion Ratio Lower Upper

196 100

198 96.2 78.7 118.1

200 31.2 24.6 37.0



#43

1,1'-Biphenyl

Concen: 27.936 ng/ul

RT: 13.139 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

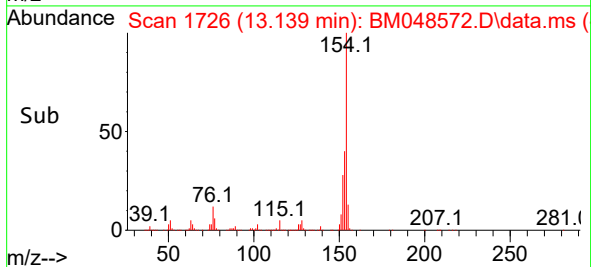
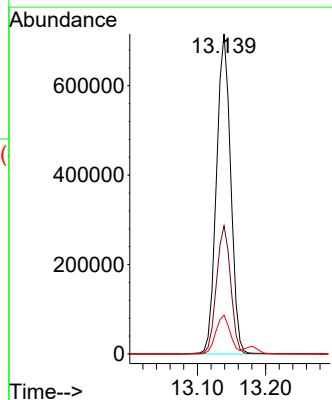
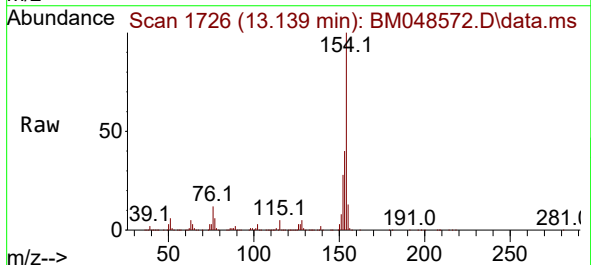
Tgt Ion:154 Resp: 1040272

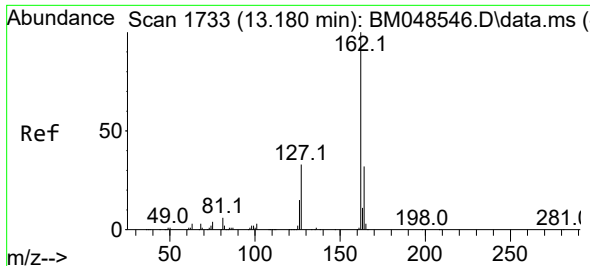
Ion Ratio Lower Upper

154 100

153 40.1 31.4 47.2

76 12.2 9.9 14.9

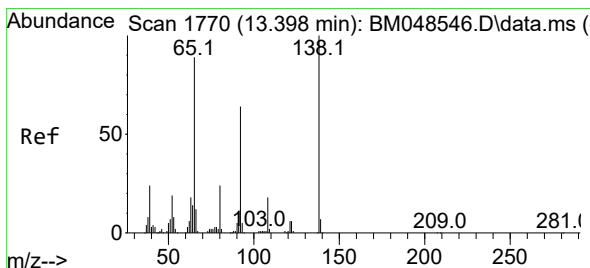
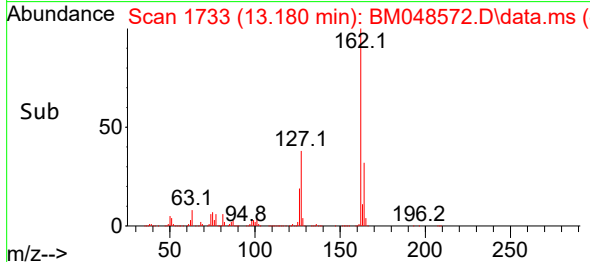
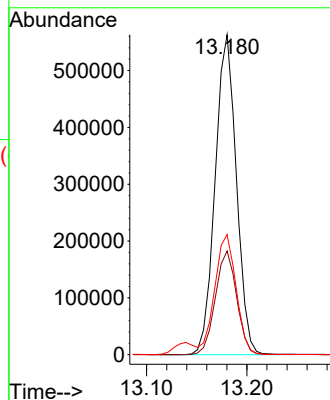
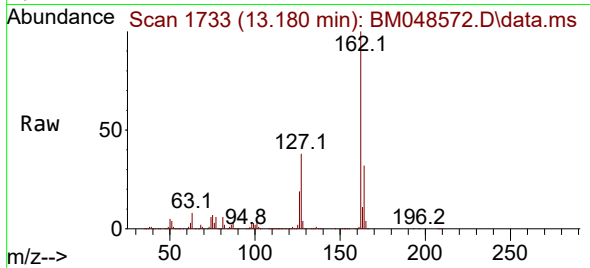




#44
2-Chloronaphthalene
Concen: 28.175 ng/ul
RT: 13.180 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

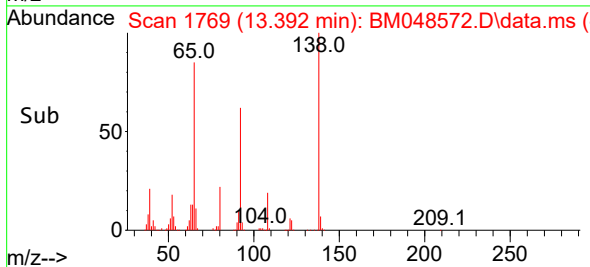
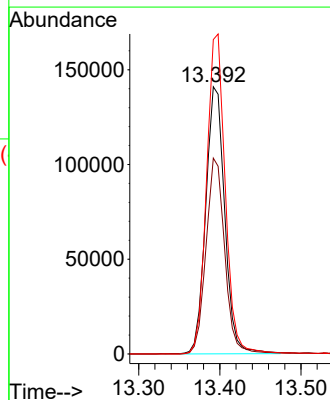
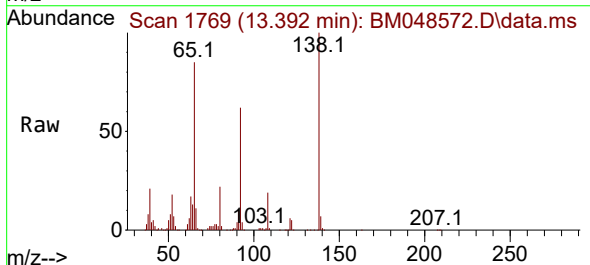
Instrument :
BNA_M
ClientSampleId :
SLCS726

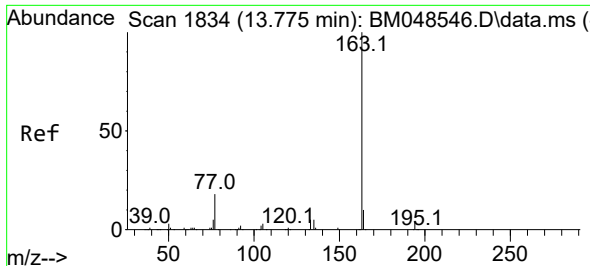
Tgt Ion:162 Resp: 827898
Ion Ratio Lower Upper
162 100
164 32.4 25.8 38.6
127 37.6 29.5 44.3



#45
2-Nitroaniline
Concen: 31.070 ng/ul
RT: 13.392 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion: 65 Resp: 229274
Ion Ratio Lower Upper
65 100
92 73.3 56.2 84.2
138 117.7 89.6 134.4

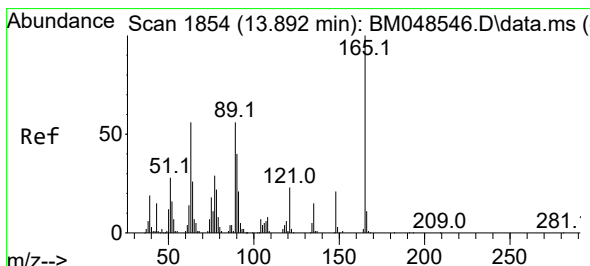
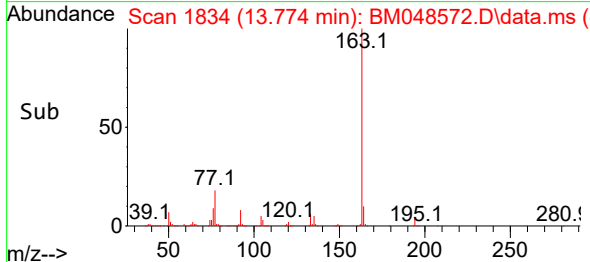
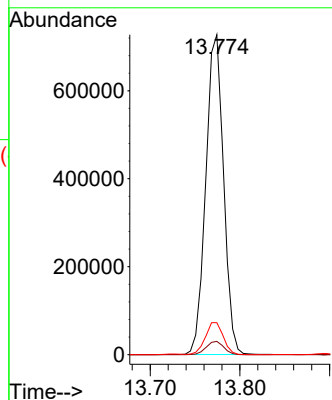
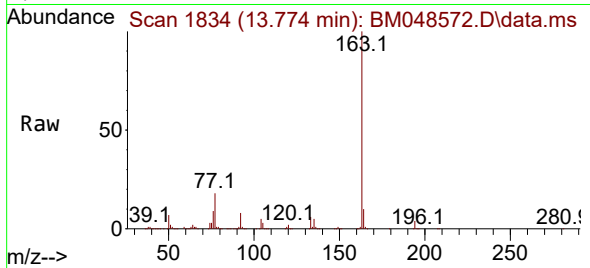




#47
Dimethylphthalate
Concen: 28.626 ng/ul
RT: 13.774 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

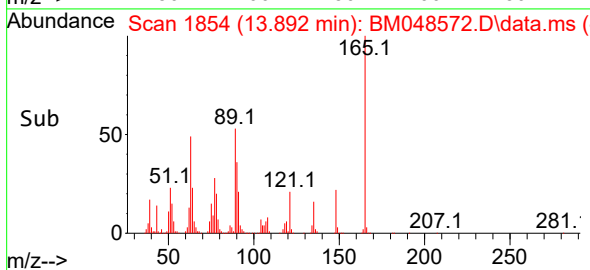
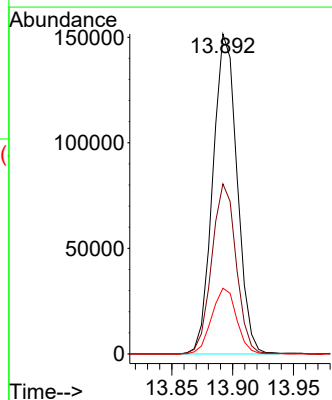
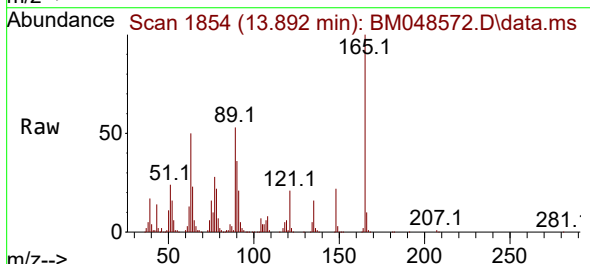
Instrument :
BNA_M
ClientSampleId :
SLCS726

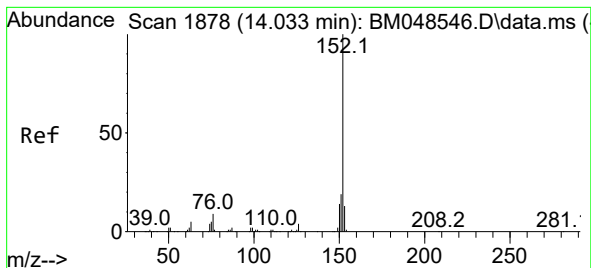
Tgt Ion:163 Resp: 999650
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 31.609 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:165 Resp: 210426
Ion Ratio Lower Upper
165 100
89 53.2 45.4 68.0
121 20.6 17.1 25.7





#50

Acenaphthylene

Concen: 28.331 ng/ul

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

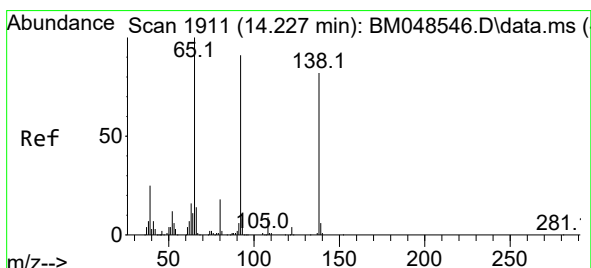
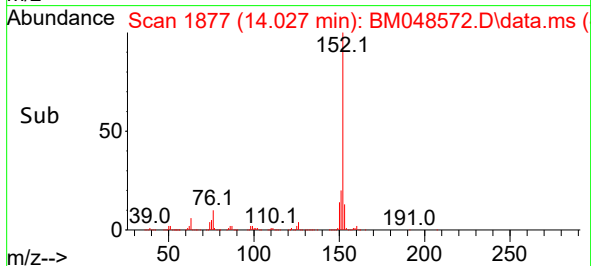
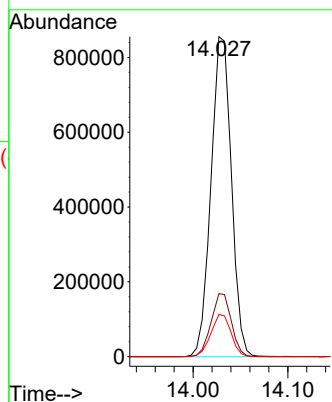
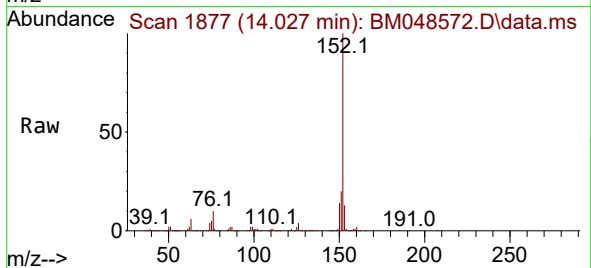
Tgt Ion:152 Resp: 1279984

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#51

3-Nitroaniline

Concen: 29.547 ng/ul

RT: 14.227 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

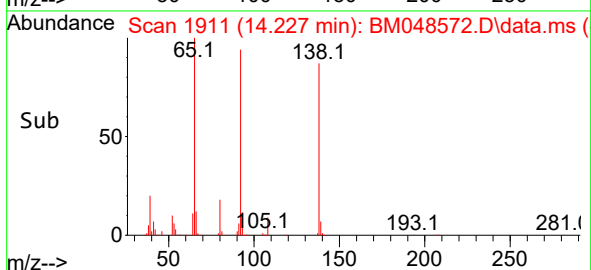
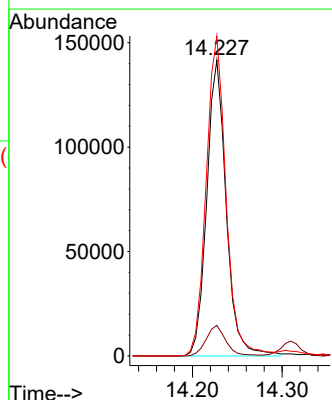
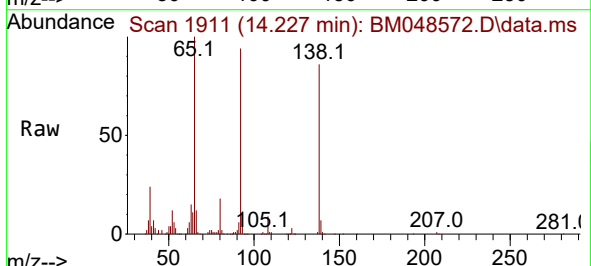
Tgt Ion:138 Resp: 213608

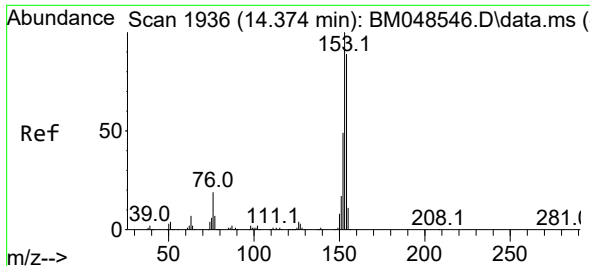
Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.8

92 108.2 91.0 136.4

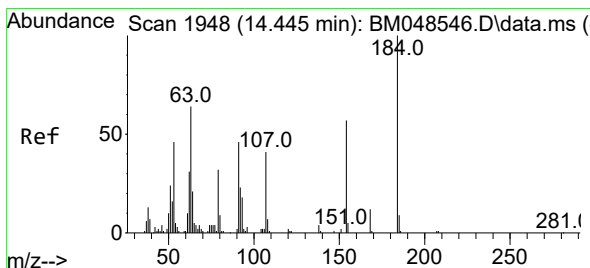
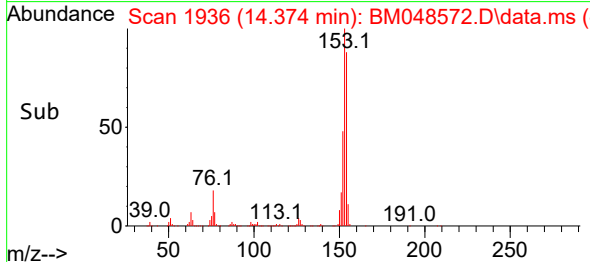
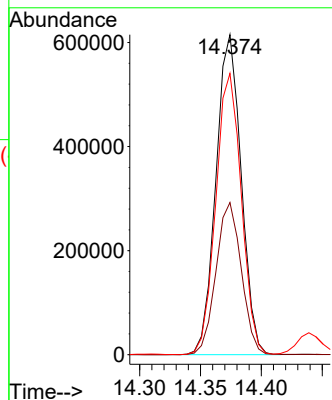
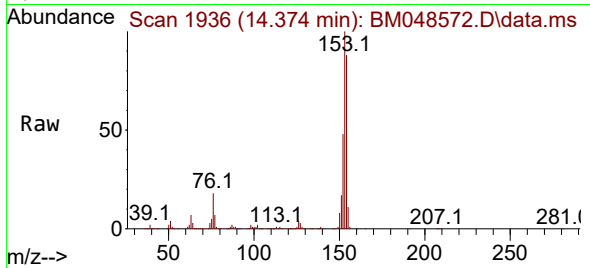




#52
Acenaphthene
Concen: 27.939 ng/ul
RT: 14.374 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

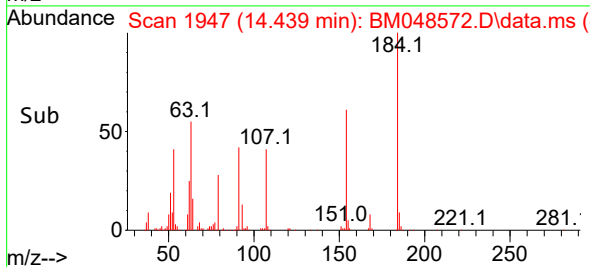
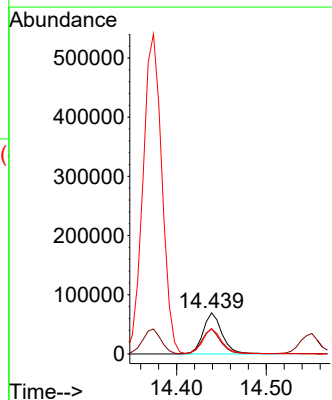
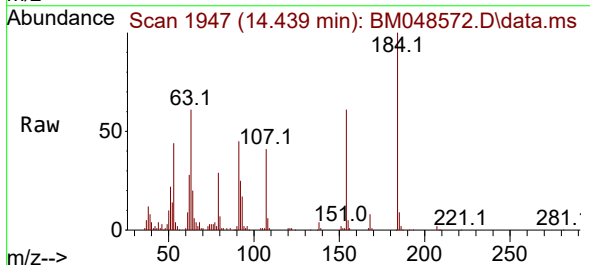
Instrument :
BNA_M
ClientSampleId :
SLCS726

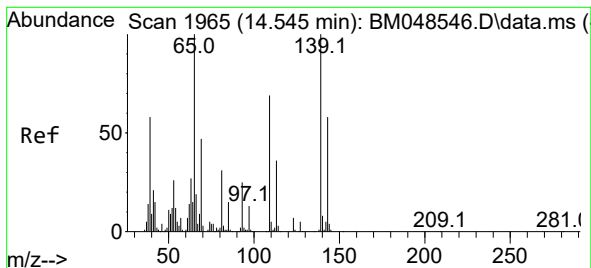
Tgt Ion:153 Resp: 888654
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 87.9 71.1 106.7



#53
2,4-Dinitrophenol
Concen: 28.507 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:184 Resp: 102040
Ion Ratio Lower Upper
184 100
63 61.4 52.5 78.7
154 60.5 51.4 77.0

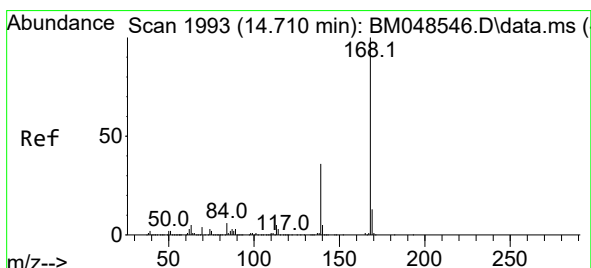
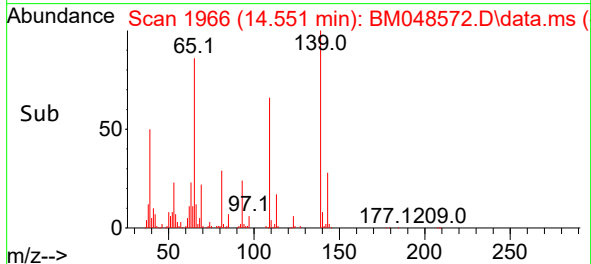
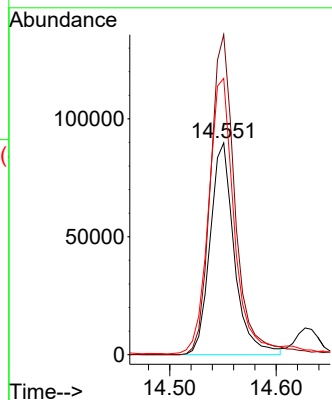
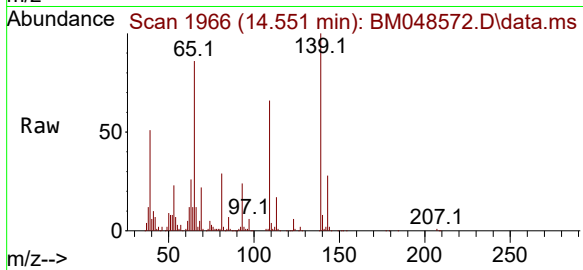




#55
4-Nitrophenol
Concen: 30.327 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

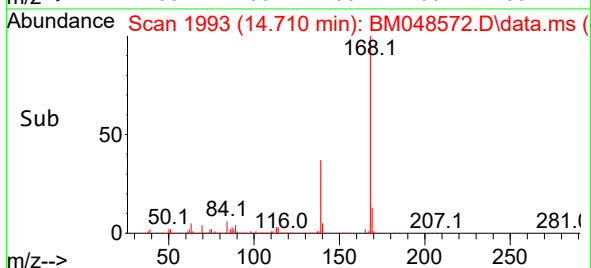
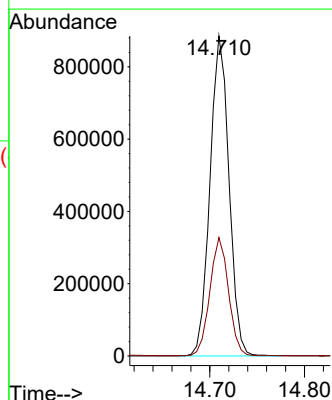
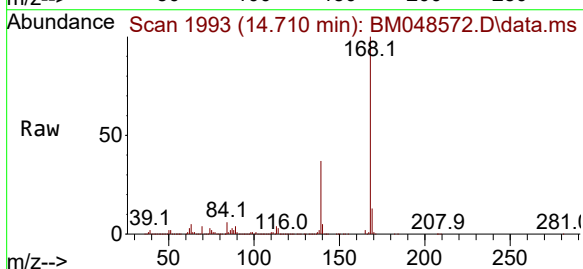
Instrument :
BNA_M
ClientSampleId :
SLCS726

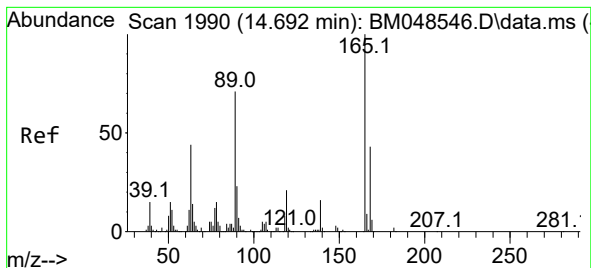
Tgt Ion:109 Resp: 141572
Ion Ratio Lower Upper
109 100
139 151.0 115.9 173.9
65 130.4 107.0 160.4



#56
Dibenzofuran
Concen: 28.163 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:168 Resp: 1235710
Ion Ratio Lower Upper
168 100
139 37.0 29.7 44.5

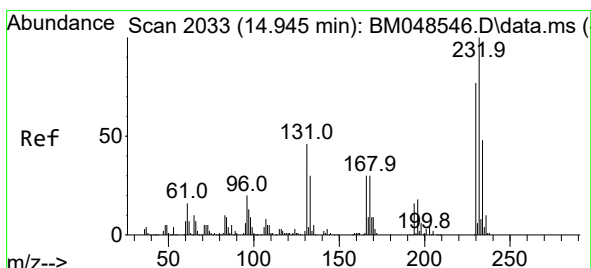
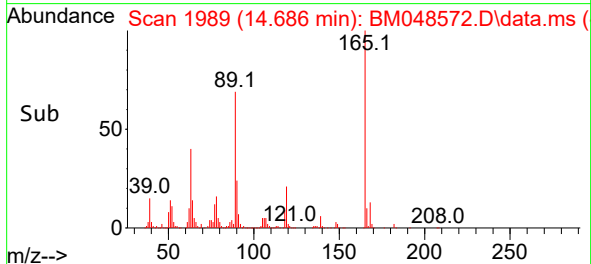
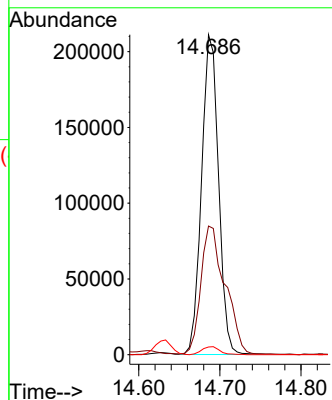
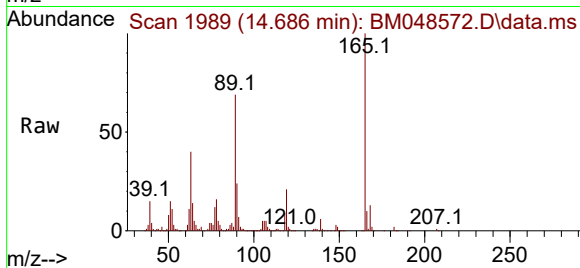




#57
2,4-Dinitrotoluene
Concen: 31.653 ng/ul
RT: 14.686 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

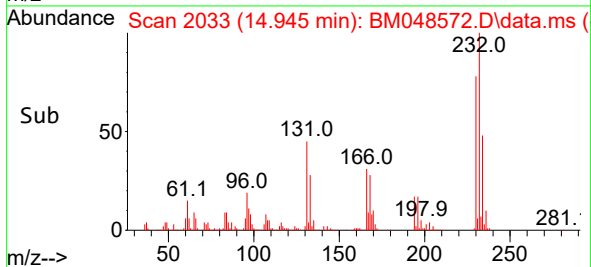
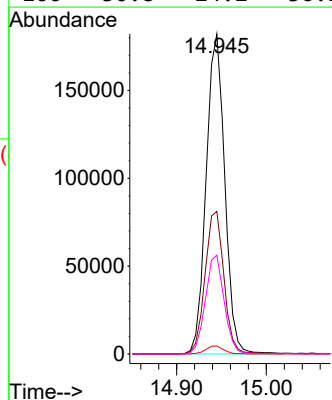
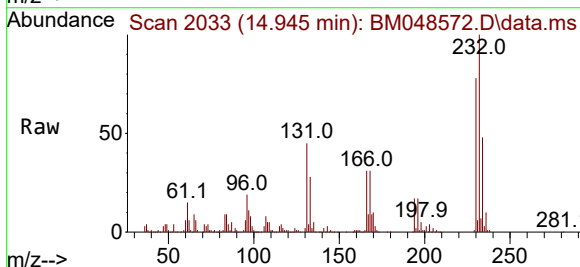
Instrument :
BNA_M
ClientSampleId :
SLCS726

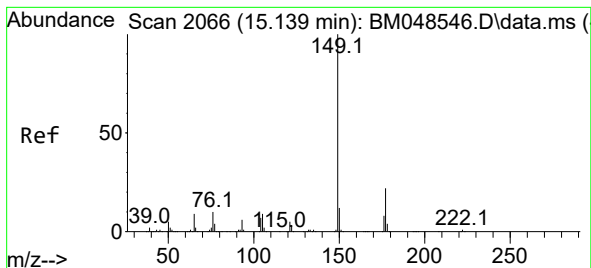
Tgt Ion:165 Resp: 306297
Ion Ratio Lower Upper
165 100
63 40.2 34.6 51.8
182 2.4 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.028 ng/ul
RT: 14.945 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:232 Resp: 262212
Ion Ratio Lower Upper
232 100
131 44.6 36.3 54.5
130 2.5 1.8 2.8
166 30.8 24.2 36.2





#59

Diethylphthalate

Concen: 29.427 ng/ul

RT: 15.139 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

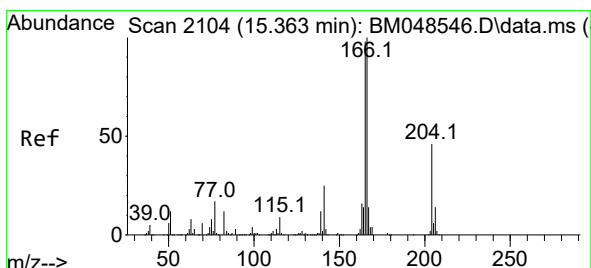
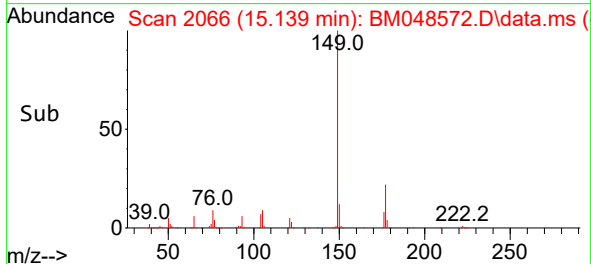
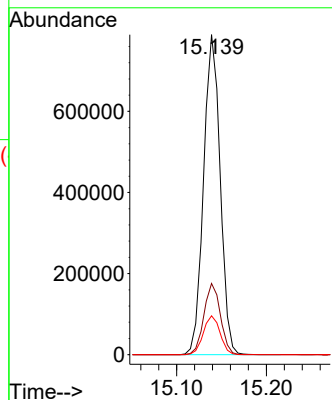
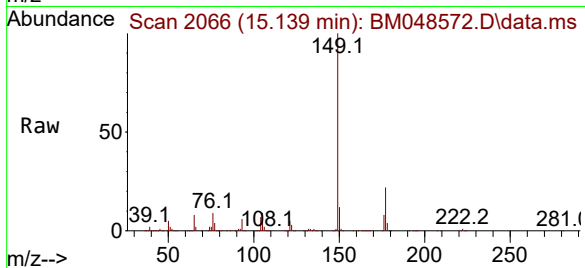
Tgt Ion:149 Resp: 1012473

Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.2 9.6 14.4



#61

Fluorene

Concen: 28.008 ng/ul

RT: 15.362 min Scan# 2104

Delta R.T. -0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

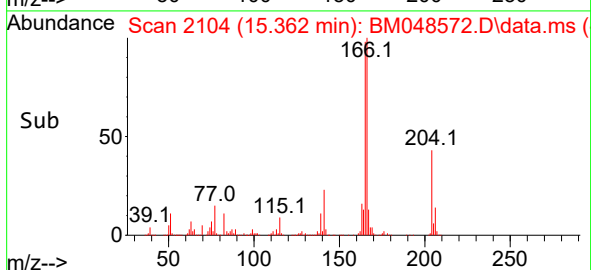
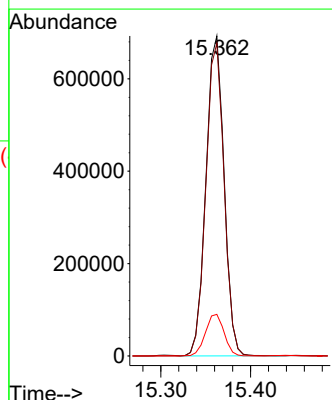
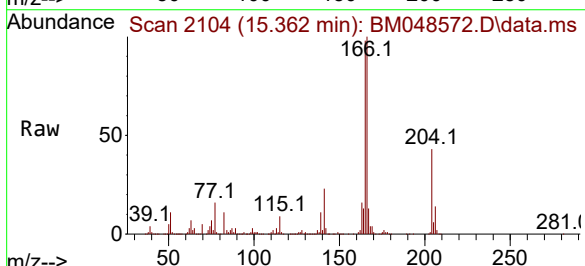
Tgt Ion:166 Resp: 972982

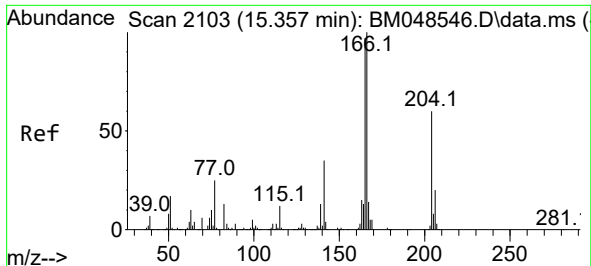
Ion Ratio Lower Upper

166 100

165 97.7 78.7 118.1

167 13.0 11.0 16.6

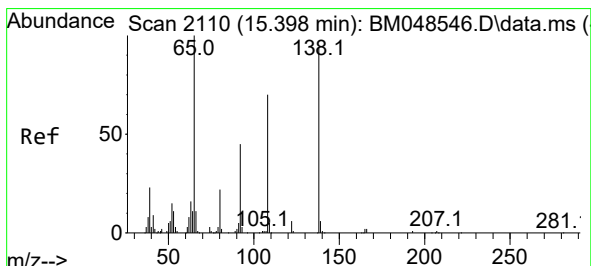
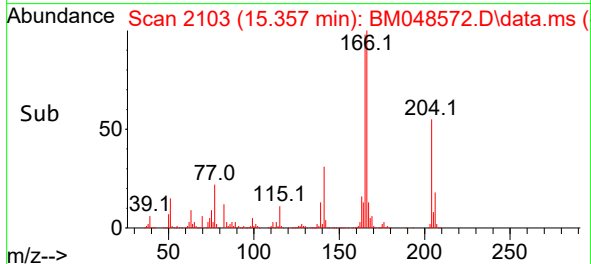
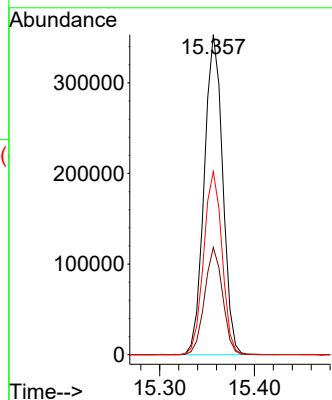
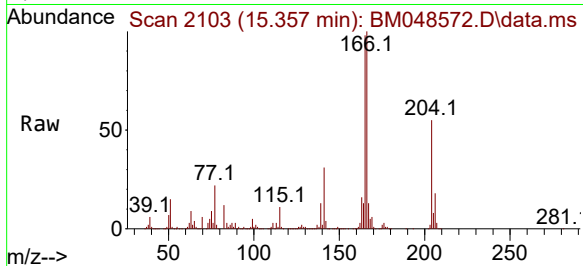




#62
4-Chlorophenyl-phenylether
Concen: 27.979 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

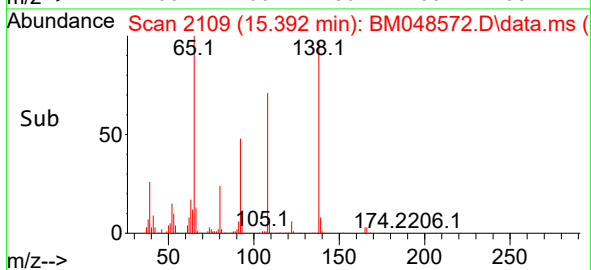
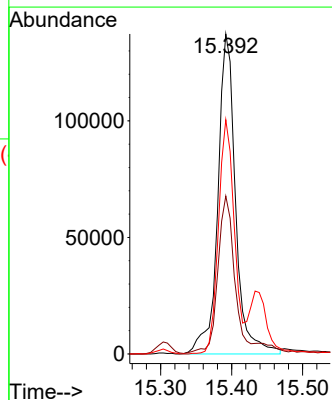
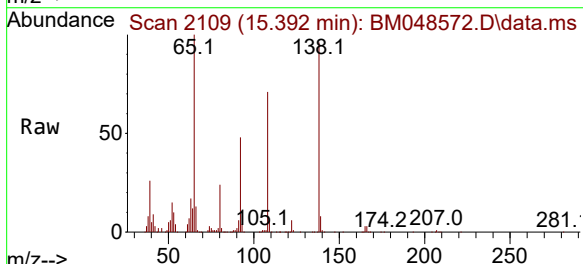
Instrument :
BNA_M
ClientSampleId :
SLCS726

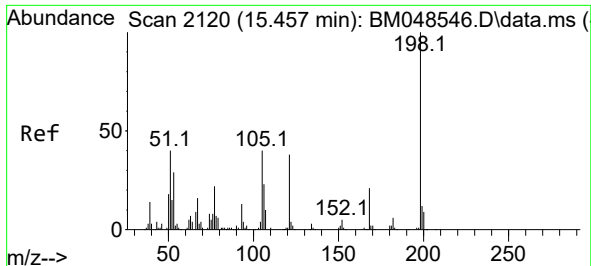
Tgt Ion:204 Resp: 478856
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 57.2 45.4 68.2



#63
4-Nitroaniline
Concen: 33.498 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:138 Resp: 238471
Ion Ratio Lower Upper
138 100
92 49.4 39.7 59.5
108 73.2 58.5 87.7

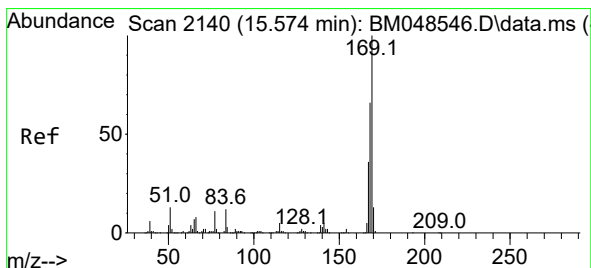
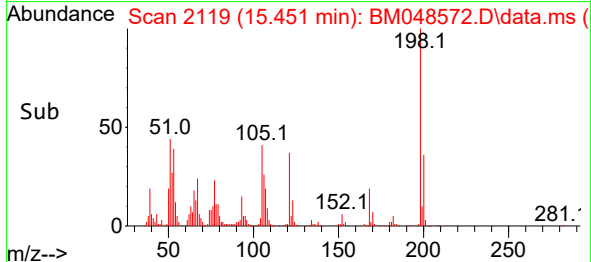
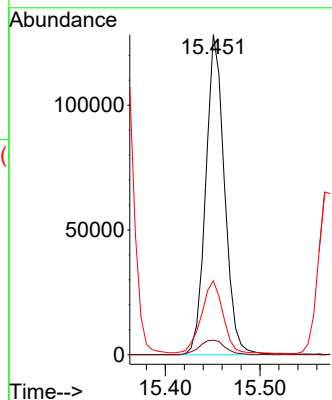
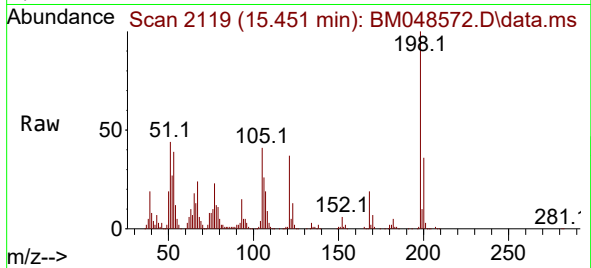




#66
4,6-Dinitro-2-methylphenol
Concen: 29.062 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

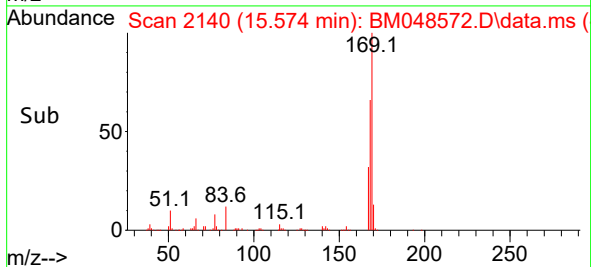
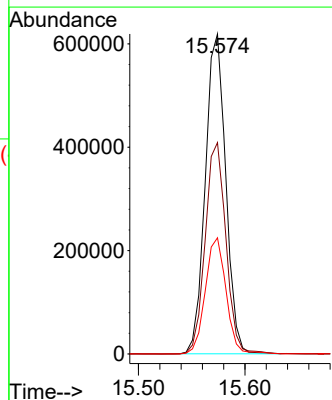
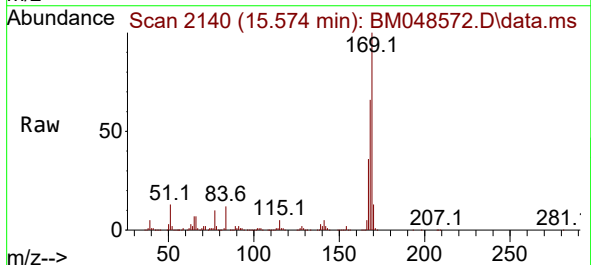
Instrument :
BNA_M
ClientSampleId :
SLCS726

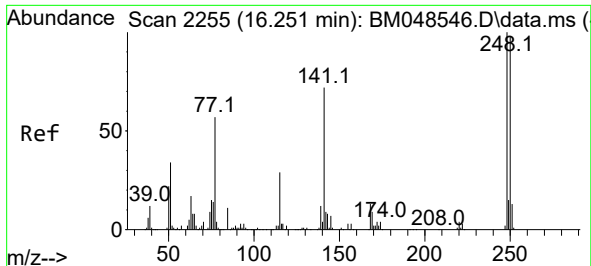
Tgt Ion:198 Resp: 175828
Ion Ratio Lower Upper
198 100
182 4.6 5.0 7.6#
77 23.1 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 28.387 ng/ul
RT: 15.574 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:169 Resp: 826864
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 36.3 29.6 44.4

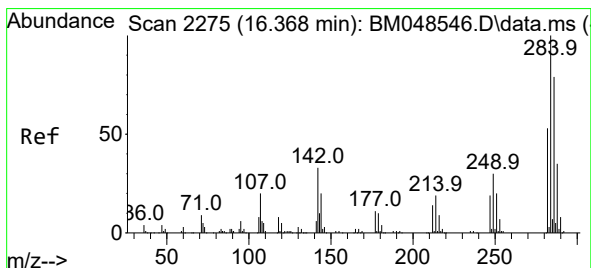
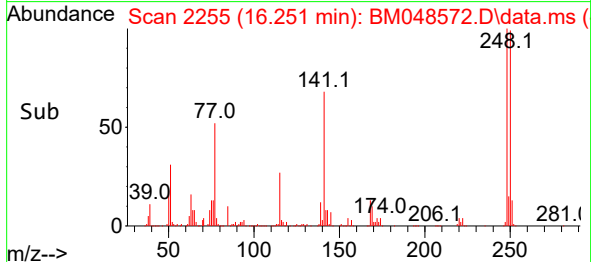
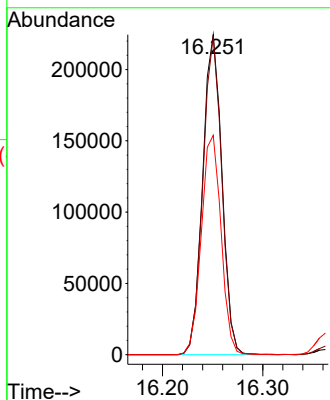
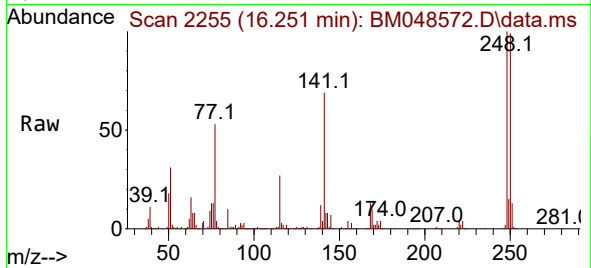




#68
4-Bromophenyl-phenylether
Concen: 28.760 ng/ul
RT: 16.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

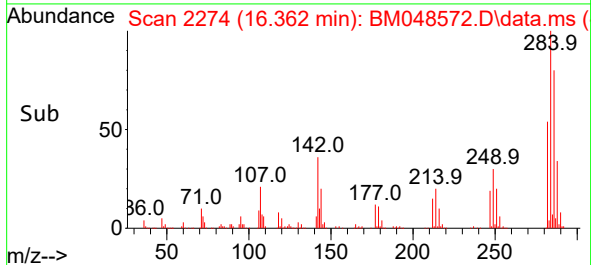
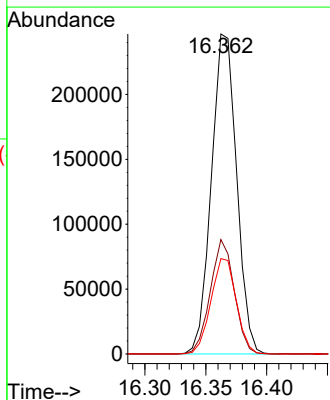
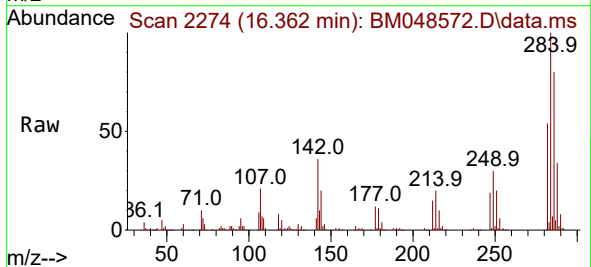
Instrument :
BNA_M
ClientSampleId :
SLCS726

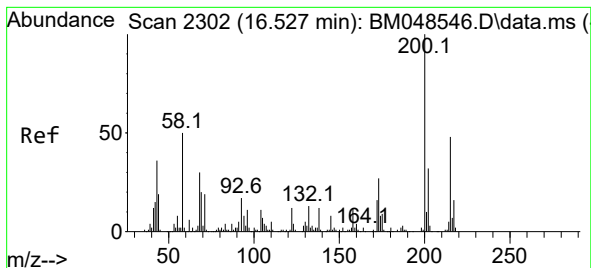
Tgt Ion:248 Resp: 299762
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.2
141 68.5 53.8 80.6



#69
Hexachlorobenzene
Concen: 28.307 ng/ul
RT: 16.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:284 Resp: 356078
Ion Ratio Lower Upper
284 100
142 35.7 27.5 41.3
249 29.8 23.2 34.8





#70

Atrazine

Concen: 27.814 ng/ul

RT: 16.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

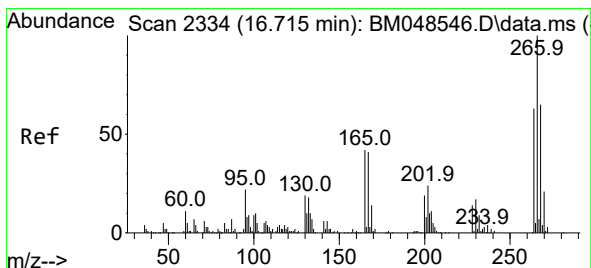
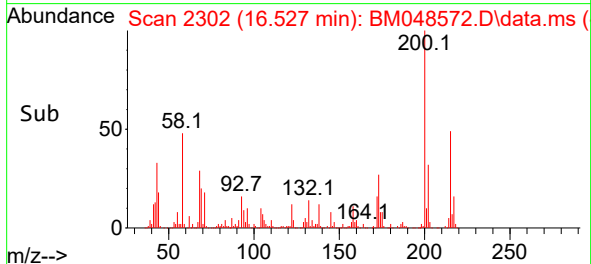
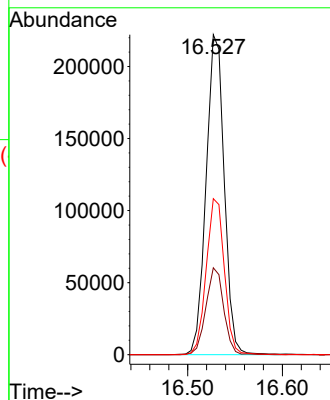
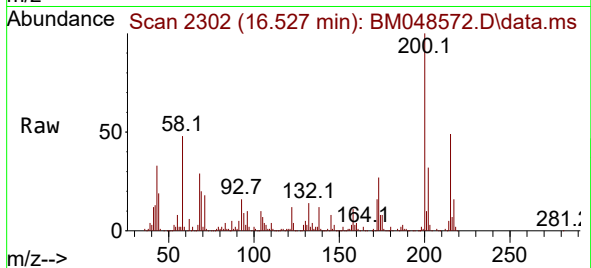
Tgt Ion:200 Resp: 294861

Ion Ratio Lower Upper

200 100

173 27.1 20.2 30.2

215 48.8 38.2 57.2



#71

Pentachlorophenol

Concen: 30.396 ng/ul

RT: 16.715 min Scan# 2334

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

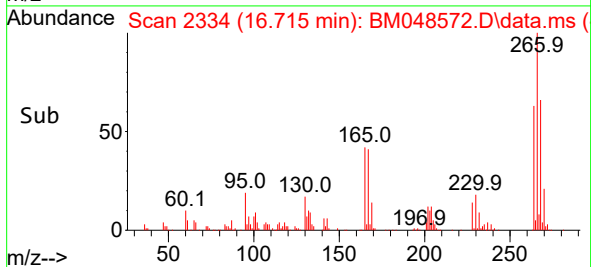
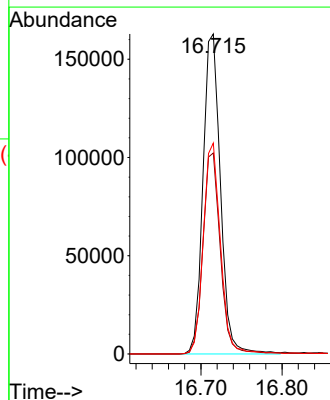
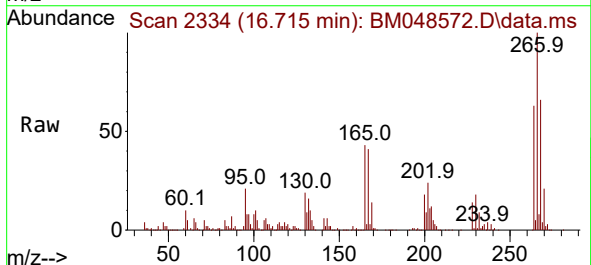
Tgt Ion:266 Resp: 243006

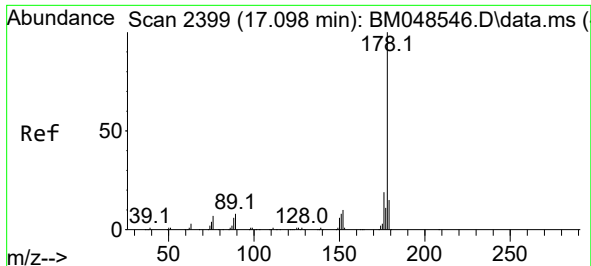
Ion Ratio Lower Upper

266 100

264 62.8 51.1 76.7

268 65.9 53.2 79.8

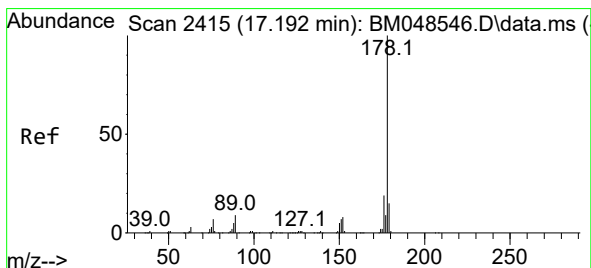
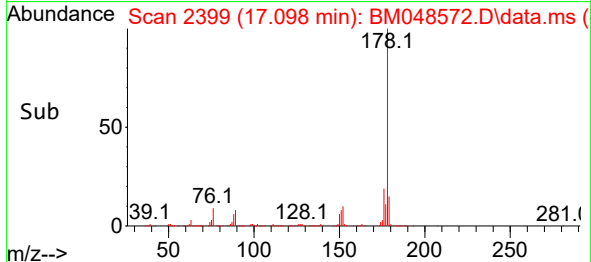
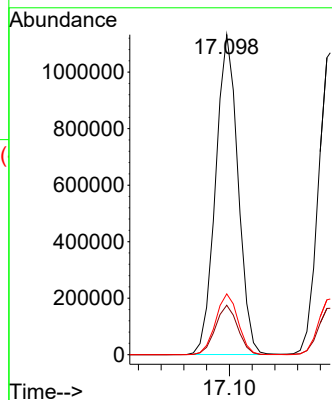
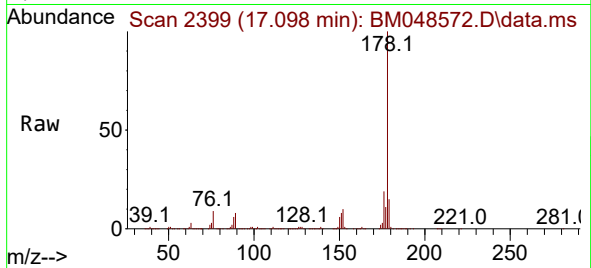




#72
Phenanthrene
Concen: 28.286 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

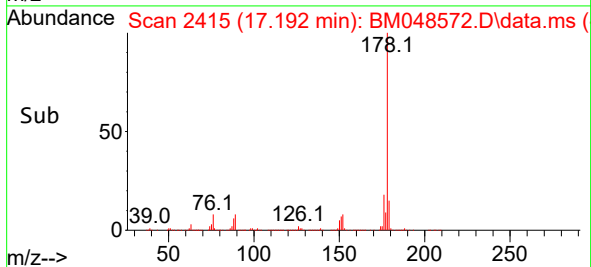
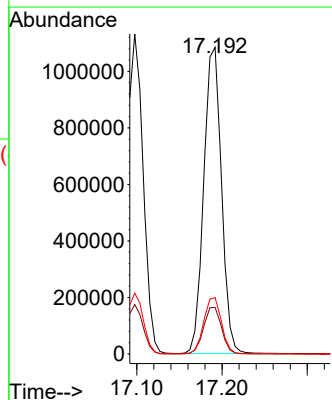
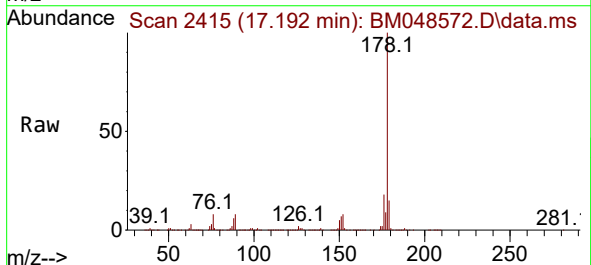
Instrument :
BNA_M
ClientSampleId :
SLCS726

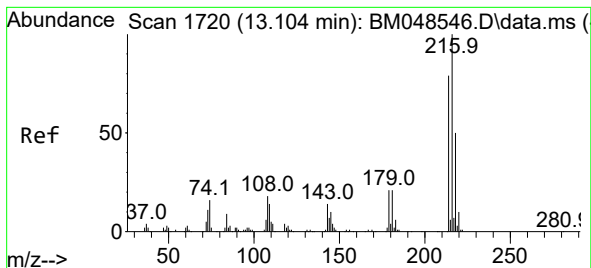
Tgt Ion:178 Resp: 1550404
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.0 15.1 22.7



#74
Anthracene
Concen: 28.524 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:178 Resp: 1569085
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.976 ng/uL

RT: 13.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

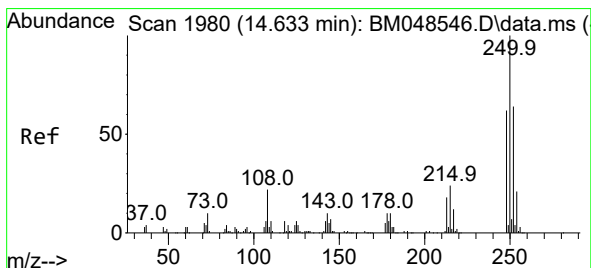
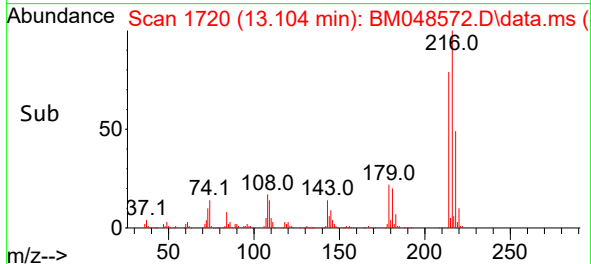
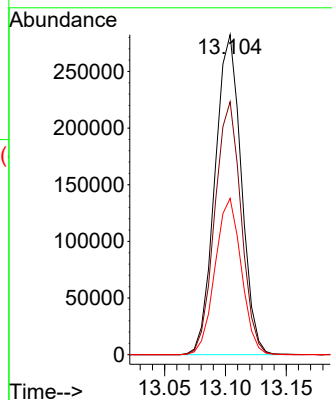
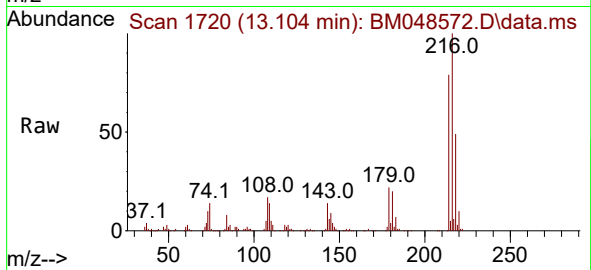
Tgt Ion:216 Resp: 425293

Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

218 48.8 38.6 58.0



#76

Pentachlorobenzene

Concen: 26.689 ng/uL

RT: 14.633 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

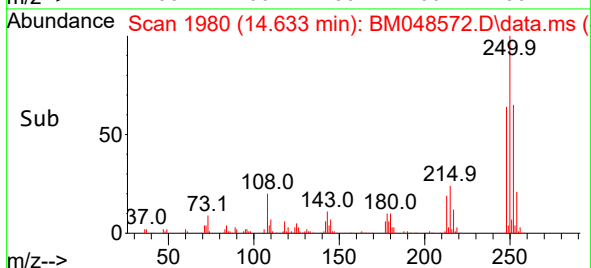
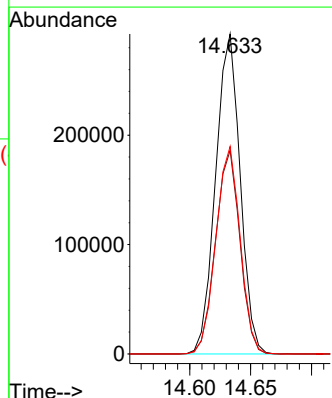
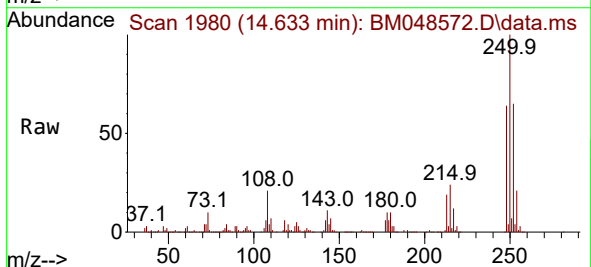
Tgt Ion:250 Resp: 409961

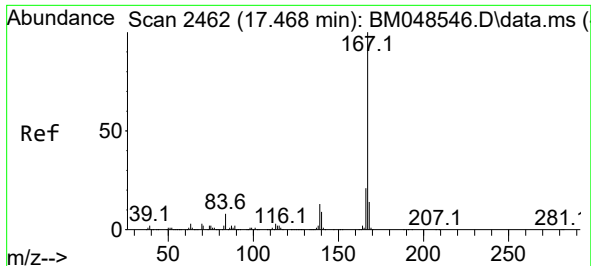
Ion Ratio Lower Upper

250 100

248 63.6 49.7 74.5

252 64.9 50.2 75.2

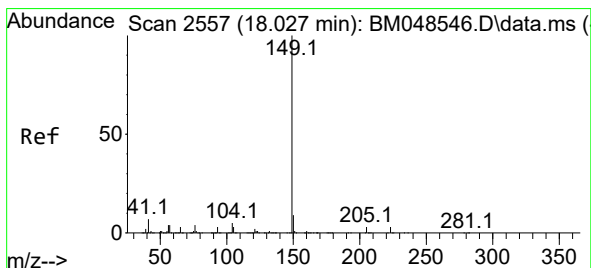
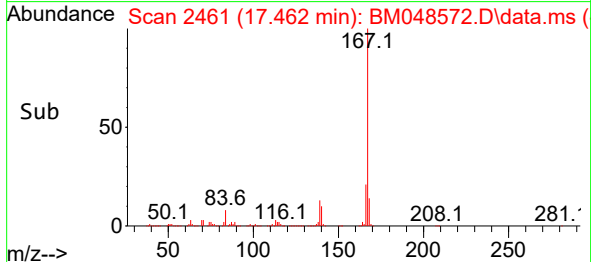
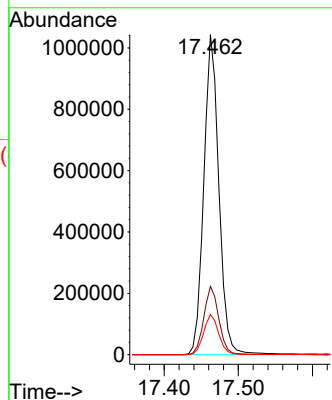
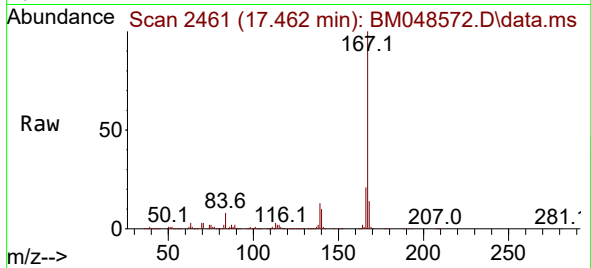




#77
 Carbazole
 Concen: 29.718 ng/ul
 RT: 17.462 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BM048572.D
 Acq: 09 Nov 2024 19:10

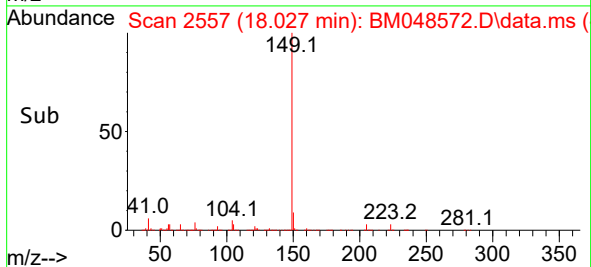
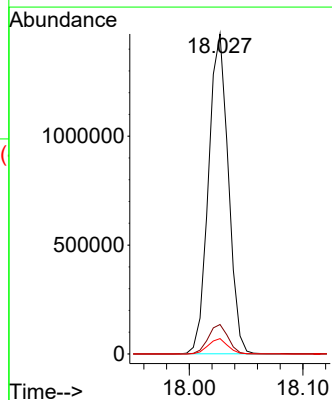
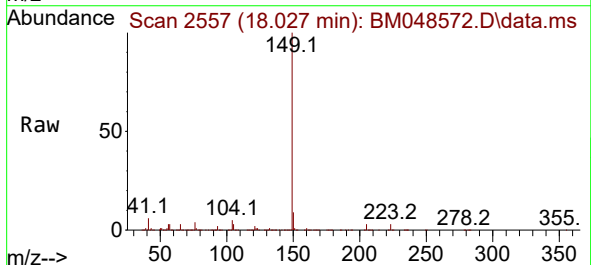
Instrument :
 BNA_M
 ClientSampleId :
 SLCS726

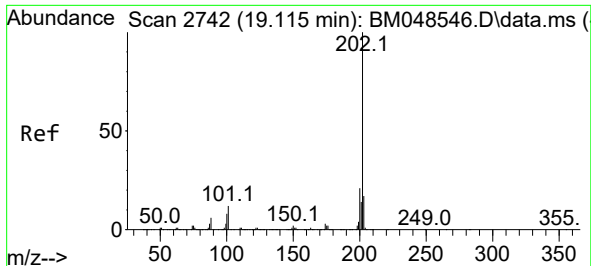
Tgt Ion:167 Resp: 1472473
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.4 24.6
 139 12.5 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 30.597 ng/ul
 RT: 18.027 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BM048572.D
 Acq: 09 Nov 2024 19:10

Tgt Ion:149 Resp: 1782363
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.0 6.0

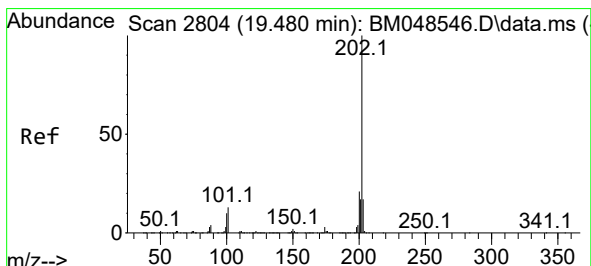
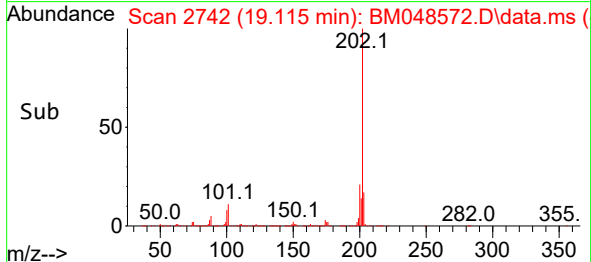
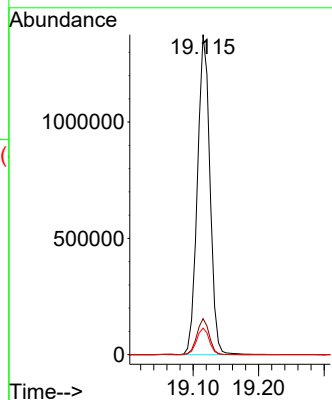
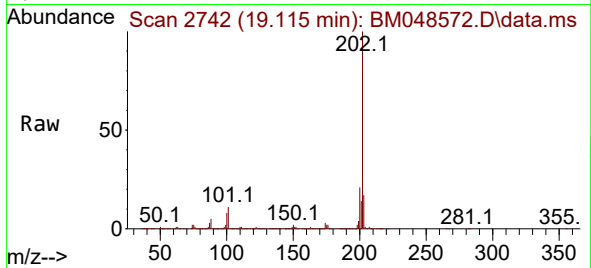




#80
Fluoranthene
Concen: 30.014 ng/ul
RT: 19.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

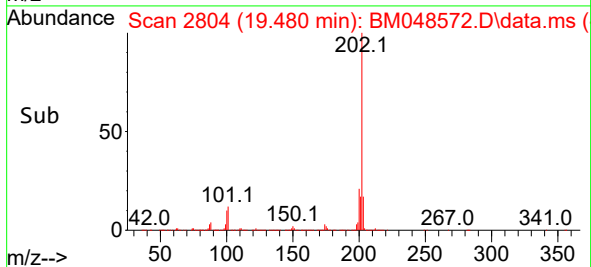
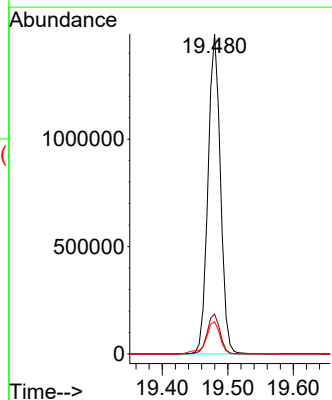
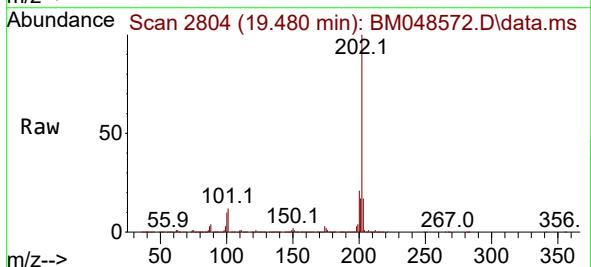
Instrument :
BNA_M
ClientSampleId :
SLCS726

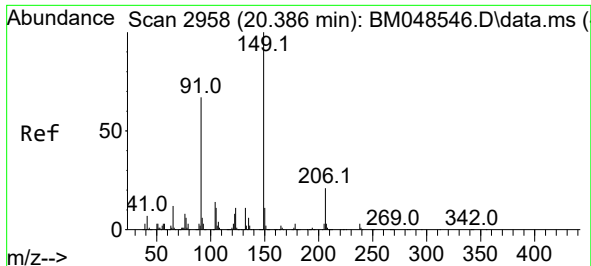
Tgt Ion:202 Resp: 1828906
Ion Ratio Lower Upper
202 100
101 11.3 8.5 12.7
100 8.3 7.0 10.4



#82
Pyrene
Concen: 29.821 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:202 Resp: 1970359
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
100 10.0 8.9 13.3

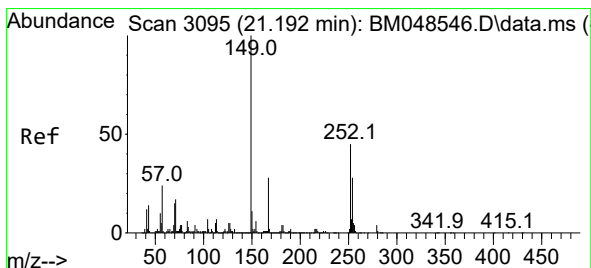
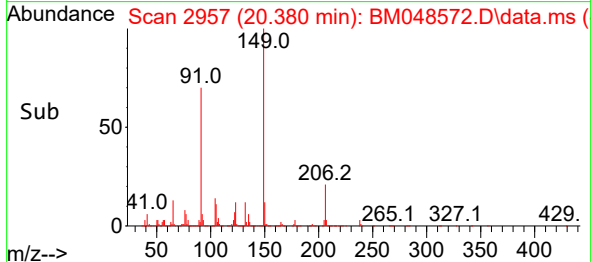
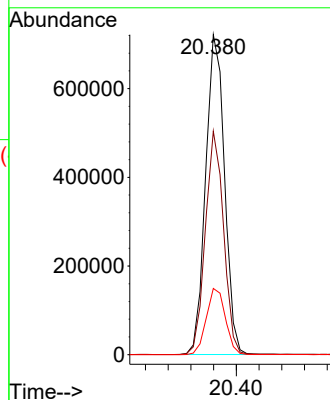
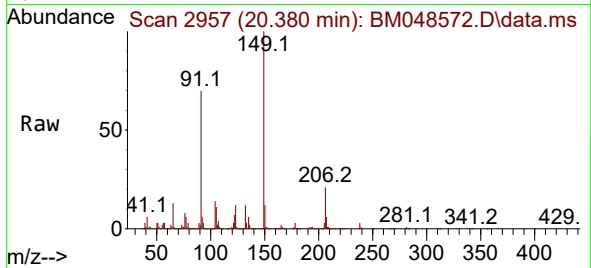




#83
Butylbenzylphthalate
Concen: 32.771 ng/ul
RT: 20.380 min Scan# 2958
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

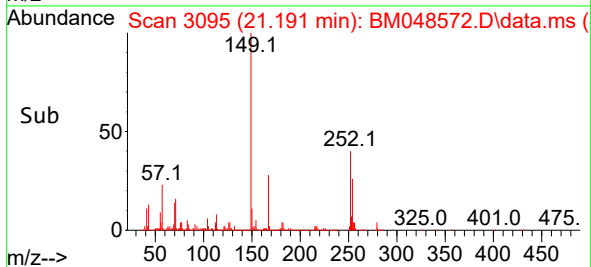
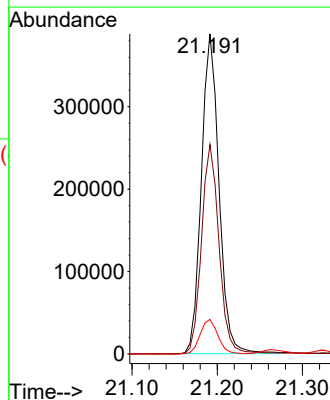
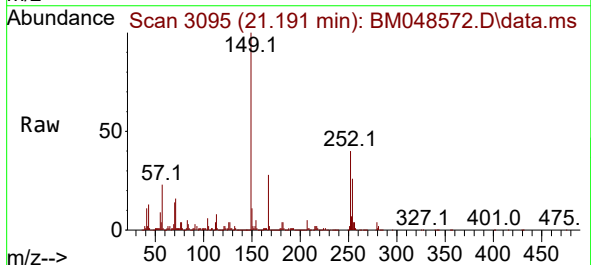
Instrument :
BNA_M
ClientSampleId :
SLCS726

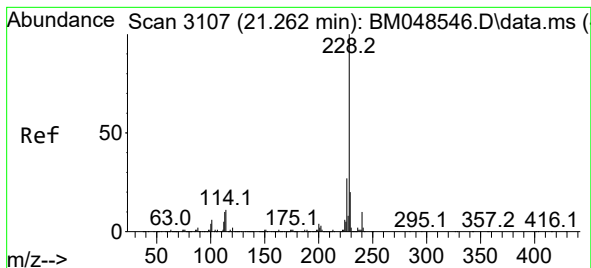
Tgt Ion:149 Resp: 831732
Ion Ratio Lower Upper
149 100
91 69.8 53.1 79.7
206 20.7 16.6 25.0



#84
3,3'-Dichlorobenzidine
Concen: 29.350 ng/ul
RT: 21.191 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM048572.D
Acq: 09 Nov 2024 19:10

Tgt Ion:252 Resp: 558034
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 10.8 8.3 12.5





#85

Benzo(a)anthracene

Concen: 29.502 ng/ul

RT: 21.262 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

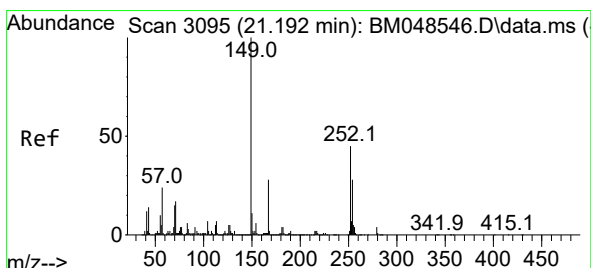
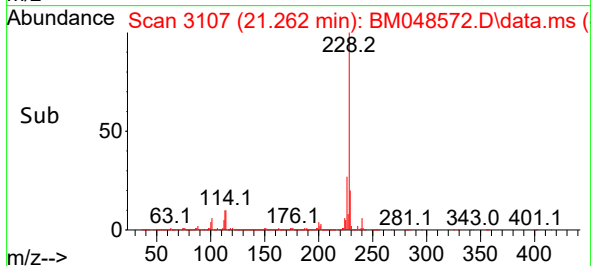
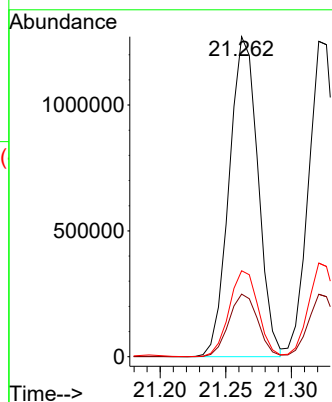
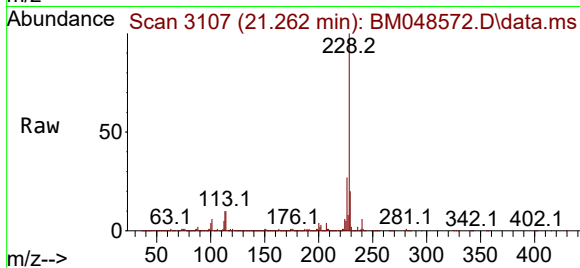
Tgt Ion:228 Resp: 1946172

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 26.8 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.244 ng/ul

RT: 21.191 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

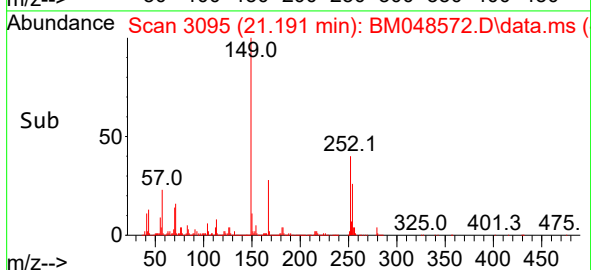
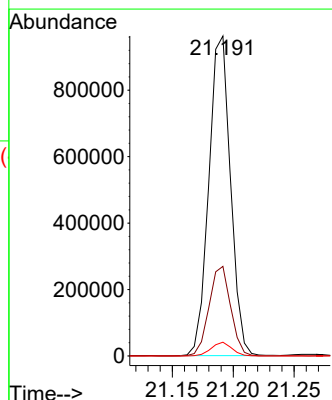
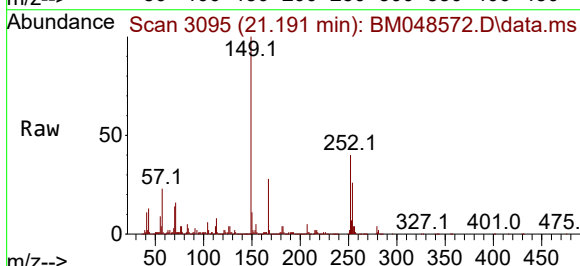
Tgt Ion:149 Resp: 1193845

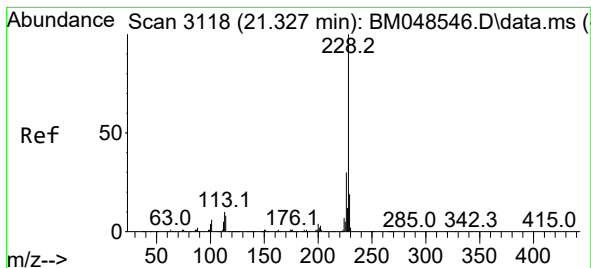
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 4.3 3.1 4.7





#87

Chrysene

Concen: 29.091 ng/ul

RT: 21.321 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

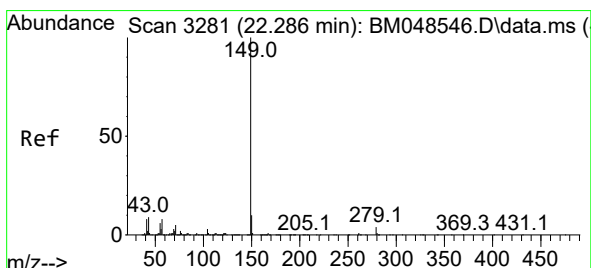
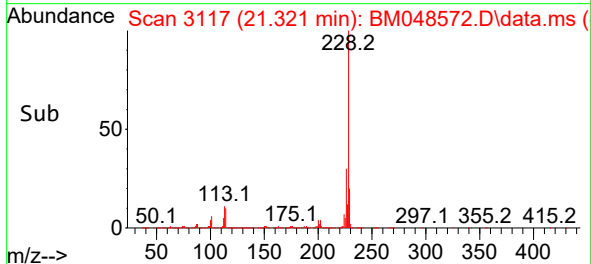
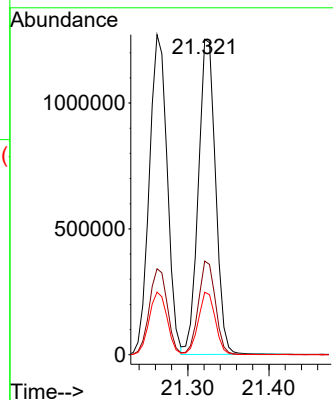
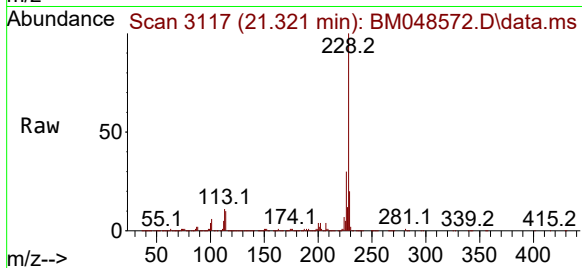
Tgt Ion:228 Resp: 1844104

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 31.543 ng/ul

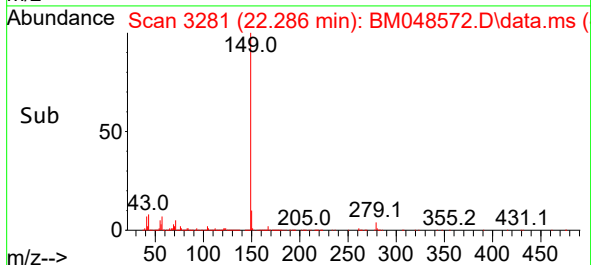
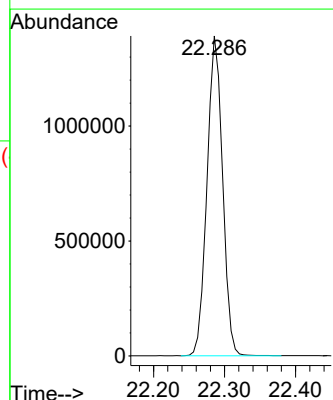
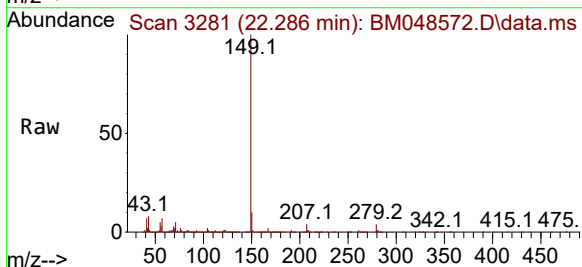
RT: 22.286 min Scan# 3281

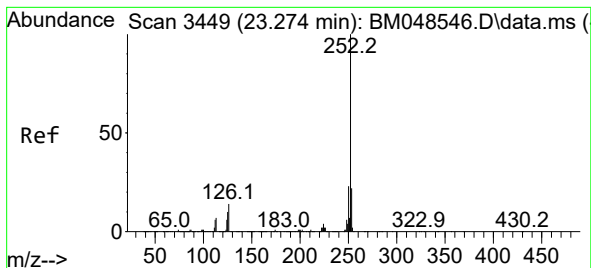
Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Tgt Ion:149 Resp: 2123535





#90

Benzo(b)fluoranthene

Concen: 29.974 ng/ul

RT: 23.274 min Scan# 3449

Delta R.T. -0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

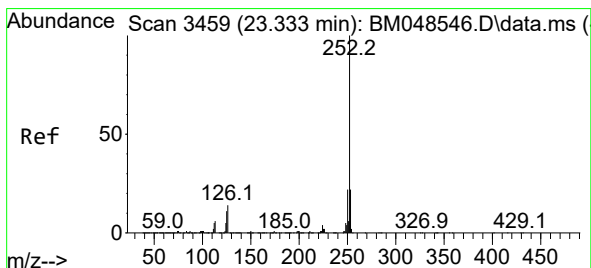
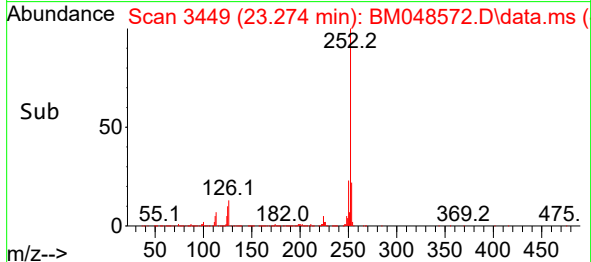
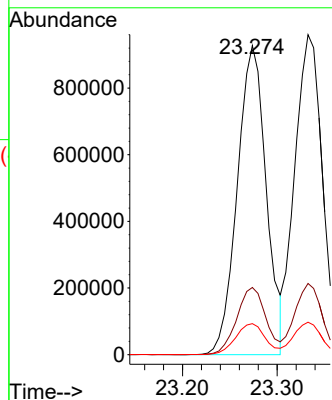
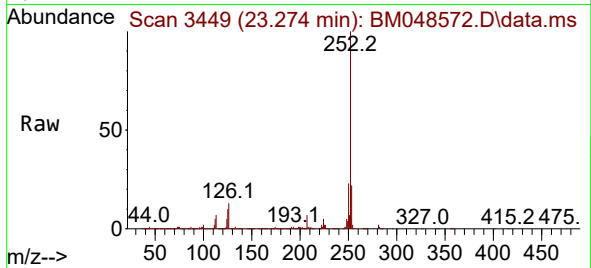
Tgt Ion:252 Resp: 1970540

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.1 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 29.942 ng/ul

RT: 23.333 min Scan# 3459

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

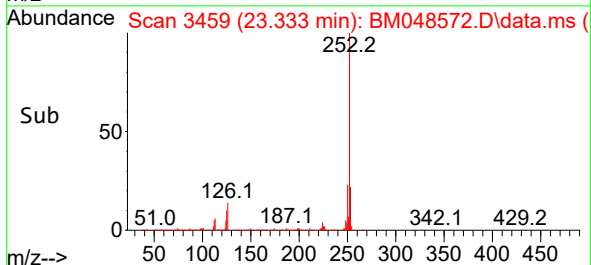
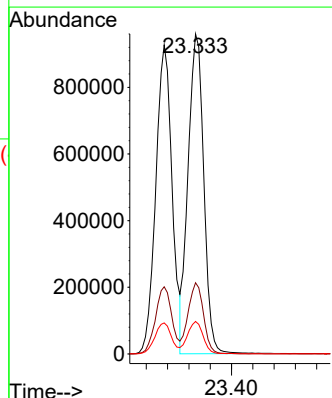
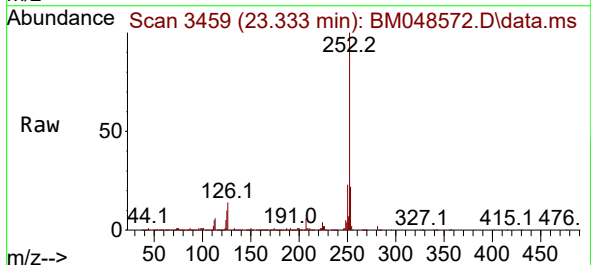
Tgt Ion:252 Resp: 1962578

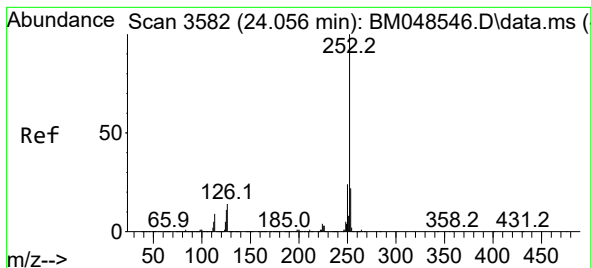
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.2 8.0 12.0





#93

Benzo(a)pyrene

Concen: 29.868 ng/ul

RT: 24.056 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

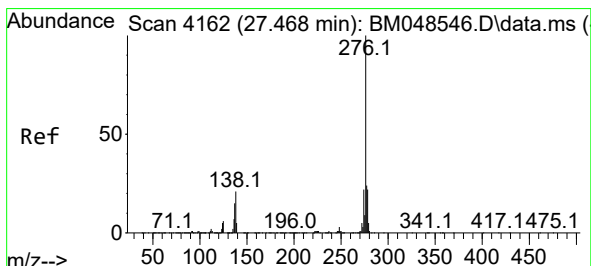
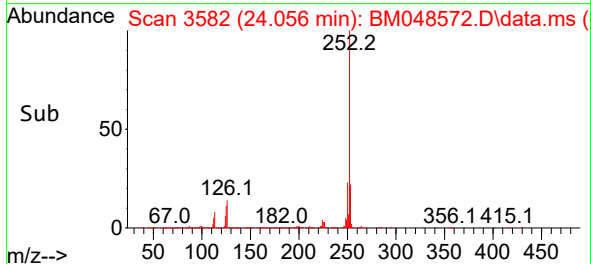
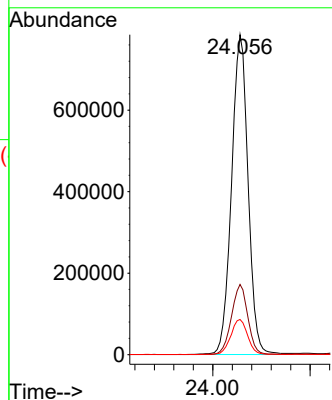
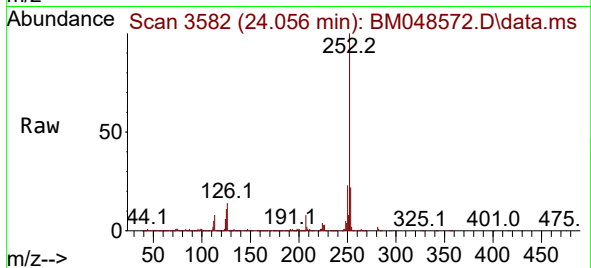
Tgt Ion:252 Resp: 1846092

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.0 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.656 ng/ul

RT: 27.462 min Scan# 4161

Delta R.T. -0.006 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

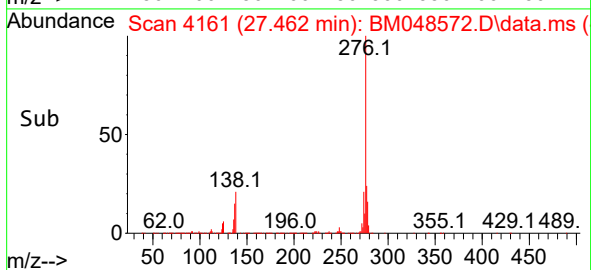
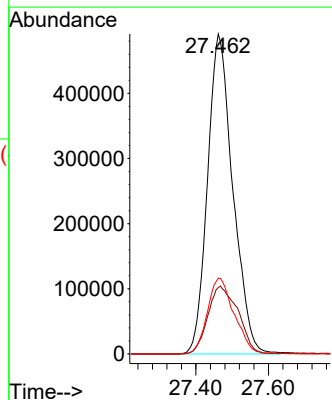
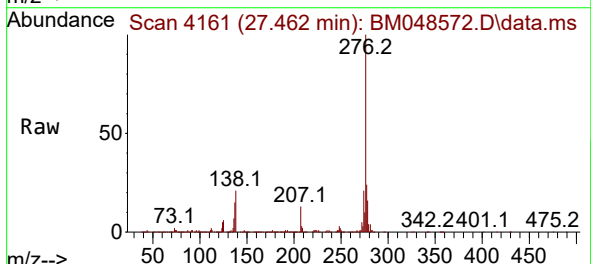
Tgt Ion:276 Resp: 2382098

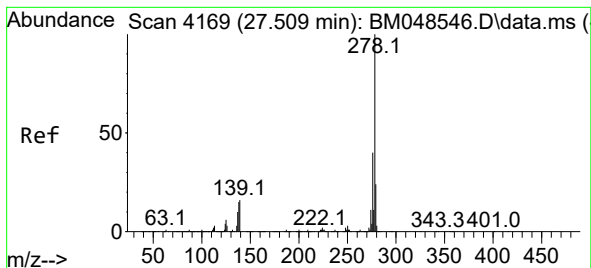
Ion Ratio Lower Upper

276 100

138 20.8 16.2 24.2

277 23.7 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 29.594 ng/ul

RT: 27.515 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Instrument :

BNA_M

ClientSampleId :

SLCS726

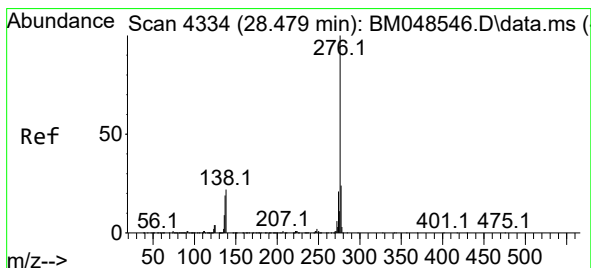
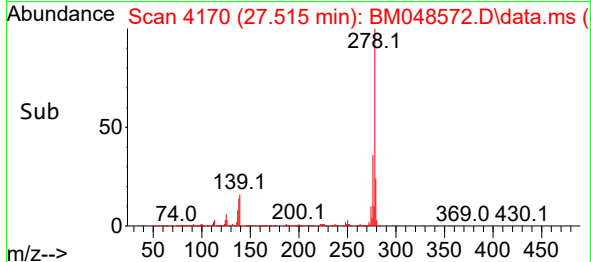
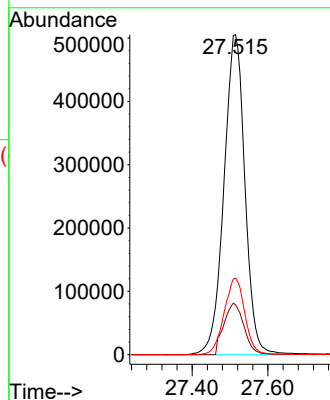
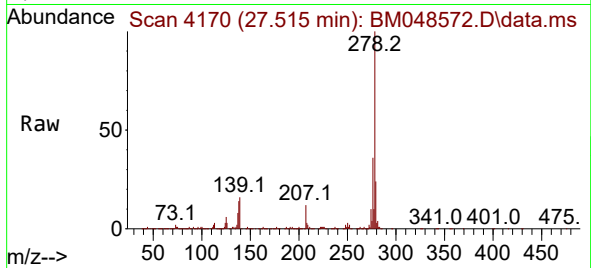
Tgt Ion:278 Resp: 1941621

Ion Ratio Lower Upper

278 100

139 15.6 12.6 18.8

279 23.9 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 29.392 ng/ul

RT: 28.485 min Scan# 4335

Delta R.T. 0.000 min

Lab File: BM048572.D

Acq: 09 Nov 2024 19:10

Tgt Ion:276 Resp: 1851155

Ion Ratio Lower Upper

276 100

138 22.2 17.6 26.4

277 23.7 18.6 28.0

