

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047735.D
 Acq On : 01 Oct 2024 09:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Quant Time: Oct 01 22:48:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	218342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	914700	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	573934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1180158	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1121985	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1293379	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	45107	6.676	ng/uL	0.00
4) Pyridine-d5	3.669	84	346987	17.540	ng/ul	0.00
7) Phenol-d5	6.975	99	375694	18.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	230312	15.720	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	311676	20.749	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	295373	19.242	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	148354	20.370	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	155522	22.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	303365	21.759	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	430354	19.966	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	828899	19.920	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	983893	19.943	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	162648	19.632	ng/ul	0.00
60) Fluorene-d10	15.433	176	722606	20.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	114107	16.523	ng/ul	0.00
73) Anthracene-d10	17.280	188	1118311	19.271	ng/ul	0.00
81) Pyrene-d10	19.562	212	1293278	20.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1355375	20.197	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	49114	6.655	ng/uL#	84
5) Pyridine	3.693	79	349608	16.786	ng/ul	90
6) Benzaldehyde	6.946	77	232131	20.674	ng/ul	93
8) Phenol	6.999	94	393855	17.928	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.234	93	308848	17.644	ng/ul	89
12) 2-Chlorophenol	7.375	128	320381	20.132	ng/ul	92
13) 2-Methylphenol	8.251	108	291393	19.022	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	454182	13.783	ng/ul#	95
16) Acetophenone	8.628	105	481213	18.321	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.616	70	238143	17.118	ng/ul#	88
18) 4-Methylphenol	8.575	108	321785	18.693	ng/ul	98
19) Hexachloroethane	8.893	117	133831	18.710	ng/ul	90
22) Nitrobenzene	9.004	77	349035	16.871	ng/ul	91
23) Isophorone	9.534	82	665958	17.995	ng/ul	96
25) 2-Nitrophenol	9.716	139	173243	21.698	ng/ul	89
26) 2,4-Dimethylphenol	9.781	107	328812	19.220	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.016	93	401164	17.723	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	305453	21.218	ng/ul	98
30) Naphthalene	10.651	128	1012373	19.241	ng/ul	99
32) 4-Chloroaniline	10.757	127	416188	19.610	ng/ul	99
33) Hexachlorobutadiene	10.945	225	192242	20.211	ng/ul	98
35) 4-Chloro-3-methylphenol	11.886	107	311166	20.880	ng/ul	95
36) 2-Methylnaphthalene	12.263	142	688011	20.580	ng/ul	94
37) 1-Methylnaphthalene	12.486	142	689147	20.262	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047735.D
 Acq On : 01 Oct 2024 09:40
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

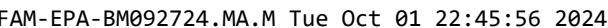
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

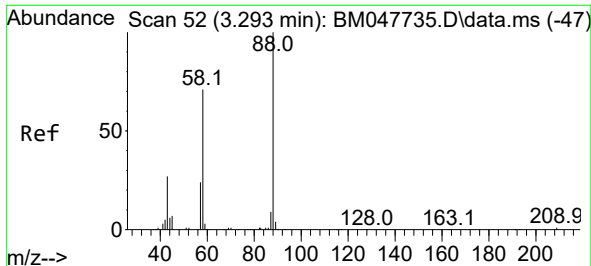
Quant Time: Oct 01 22:48:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.633	216	357765	19.149	ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	196470	17.386	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	235556	21.791	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	253810	21.471	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	882169	19.198	ng/ul#	97
44) 2-Chloronaphthalene	13.316	162	686238	19.309	ng/ul	98
45) 2-Nitroaniline	13.516	65	193457	17.147	ng/ul#	80
47) Dimethylphthalate	13.898	163	821124	19.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	161277	21.792	ng/ul#	85
50) Acenaphthylene	14.163	152	1086007	19.519	ng/ul	99
51) 3-Nitroaniline	14.339	138	183969	20.539	ng/ul	85
52) Acenaphthene	14.510	153	745960	18.966	ng/ul	98
55) 4-Nitrophenol	14.645	109	126748	18.222	ng/ul	90
56) Dibenzofuran	14.839	168	1024285	19.347	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	240439	21.631	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.069	232	213599	22.924	ng/ul#	95
59) Diethylphthalate	15.263	149	820462	19.459	ng/ul	98
61) Fluorene	15.492	166	837857	18.969	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	408099	19.553	ng/ul	97
63) 4-Nitroaniline	15.498	138	195039	22.420	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.557	198	131309	17.159	ng/ul#	90
67) N-Nitrosodiphenylamine	15.692	169	692222	18.823	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	248069	20.392	ng/ul	99
69) Hexachlorobenzene	16.492	284	287911	20.338	ng/ul	94
70) Atrazine	16.645	200	242917	19.843	ng/ul	98
71) Pentachlorophenol	16.833	266	196000	21.773	ng/ul	97
72) Phenanthrene	17.221	178	1294547	18.705	ng/ul	99
74) Anthracene	17.316	178	1334633	18.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	365957	18.729	ng/uL	97
76) Pentachlorobenzene	14.763	250	354546	18.589	ng/uL	98
77) Carbazole	17.580	167	1231204	19.243	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1408019	19.767	ng/ul	99
80) Fluoranthene	19.233	202	1504270	20.058	ng/ul	97
82) Pyrene	19.598	202	1634453	19.581	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	639291	21.664	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.309	252	504214	21.268	ng/ul	98
85) Benzo(a)anthracene	21.386	228	1568264	19.963	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	928538	20.957	ng/ul#	97
87) Chrysene	21.451	228	1464187	19.118	ng/ul	100
89) Di-n-octyl phthalate	22.445	149	1588783	19.045	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1559880	19.339	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	1540002	18.672	ng/ul	98
93) Benzo(a)pyrene	24.268	252	1468532	19.171	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.797	276	1898682	19.341	ng/ul	99
95) Dibenzo(a,h)anthracene	27.856	278	1531290	19.034	ng/ul	97
96) Benzo(g,h,i)perylene	28.850	276	1476955	19.203	ng/ul	97

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

Quant Time: Oct 01 22:48:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

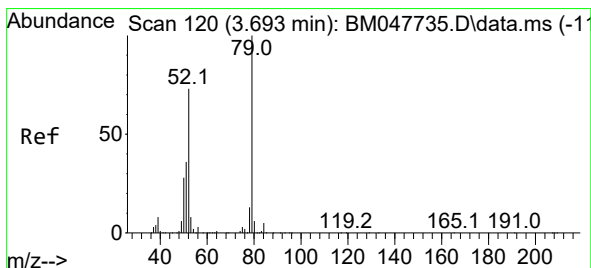
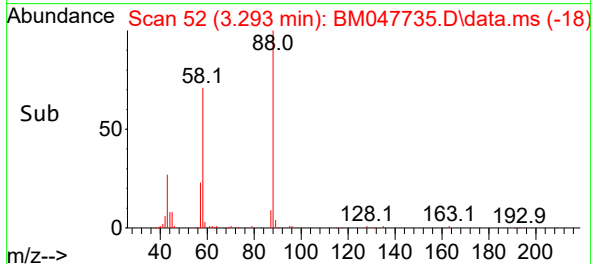
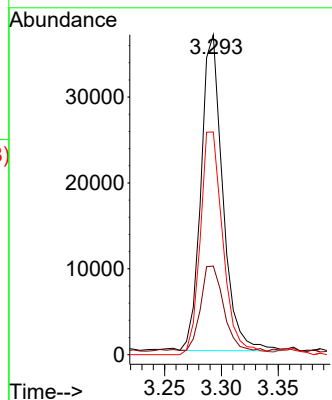
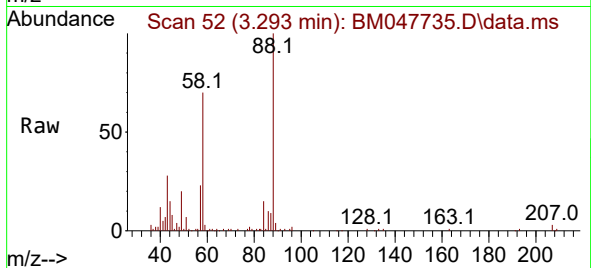




#2
1,4-Dioxane
Concen: 6.655 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

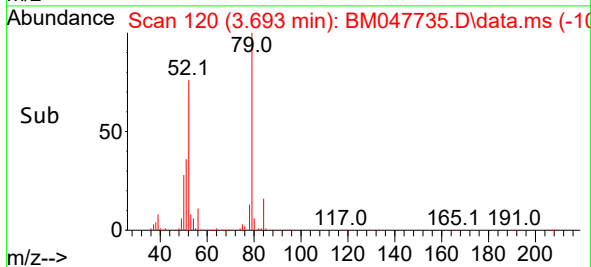
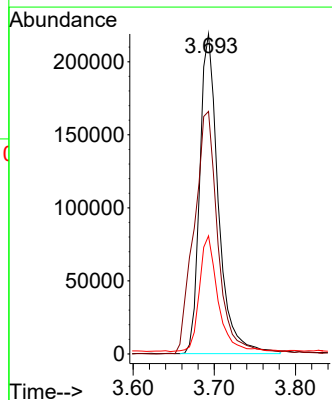
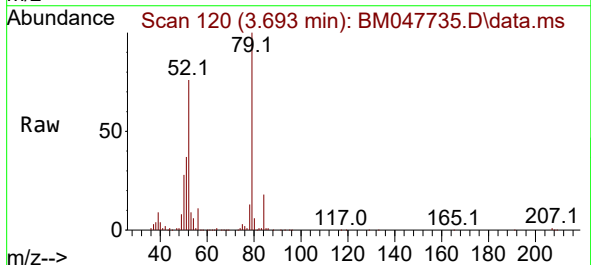
Instrument :
BNA_M
ClientSampleId :
SSTD020152

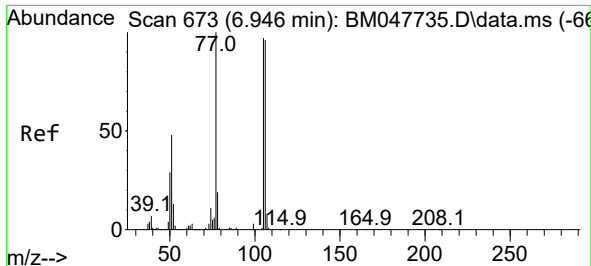
Tgt Ion: 88 Resp: 49114
Ion Ratio Lower Upper
88 100
43 27.7 29.1 43.7#
58 69.6 67.7 101.5



#5
Pyridine
Concen: 16.786 ng/uL
RT: 3.693 min Scan# 120
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion: 79 Resp: 349608
Ion Ratio Lower Upper
79 100
52 75.8 69.4 104.2
51 36.9 32.6 49.0

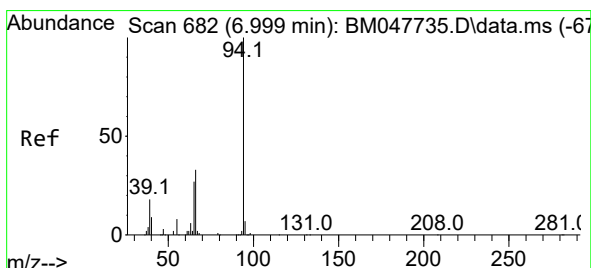
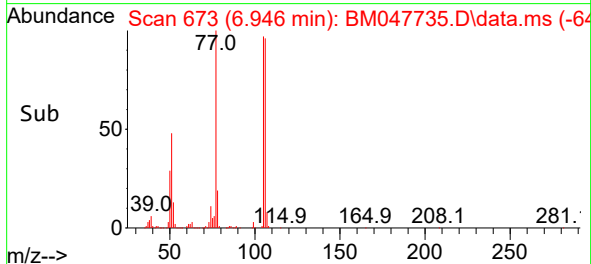
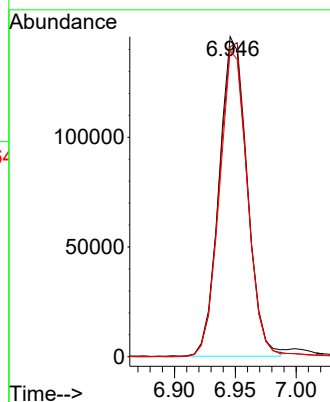
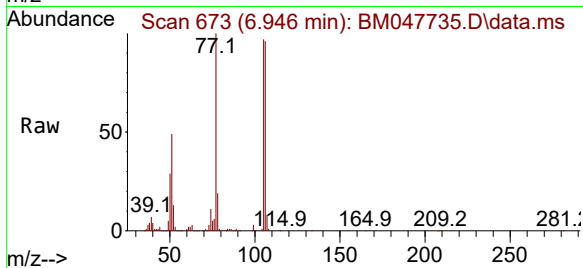




#6
Benzaldehyde
Concen: 20.674 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

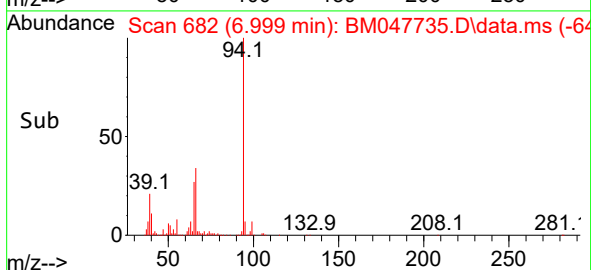
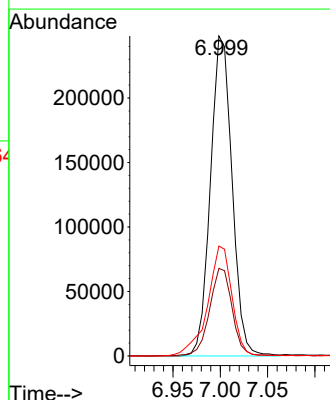
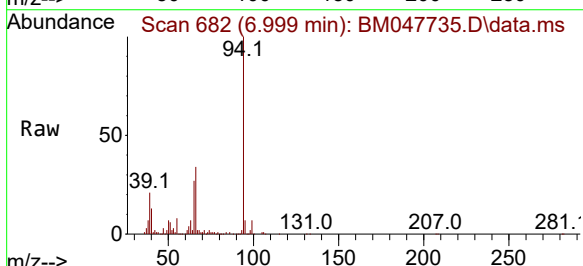
Instrument :
BNA_M
ClientSampleId :
SSTD020152

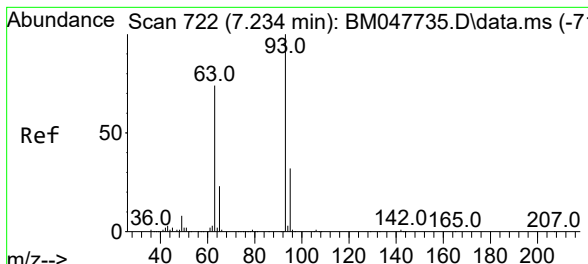
Tgt Ion: 77 Resp: 232131
Ion Ratio Lower Upper
77 100
105 96.8 72.2 108.2
106 95.7 70.7 106.1



#8
Phenol
Concen: 17.928 ng/ul
RT: 6.999 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion: 94 Resp: 393855
Ion Ratio Lower Upper
94 100
65 27.4 26.3 39.5
66 34.4 30.5 45.7

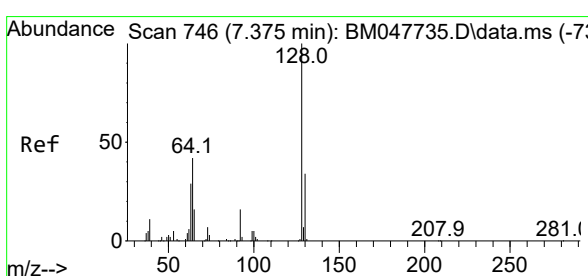
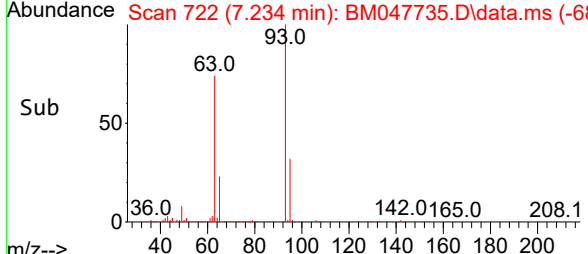
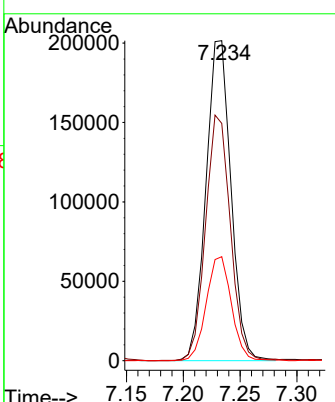
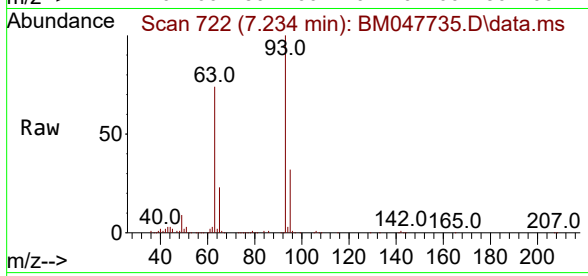




#10
 Bis(2-Chloroethyl)ether
 Concen: 17.644 ng/ul
 RT: 7.234 min Scan# 722
 Delta R.T. 0.000 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

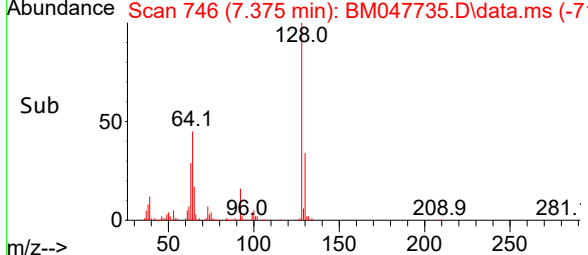
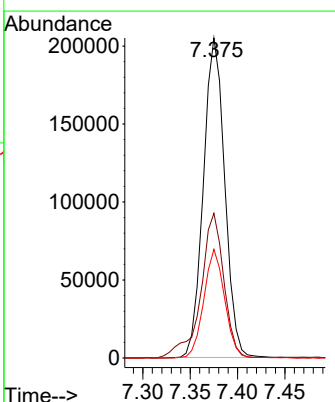
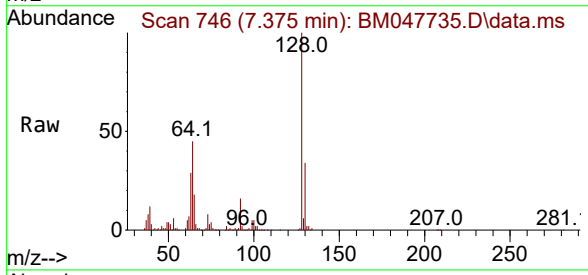
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

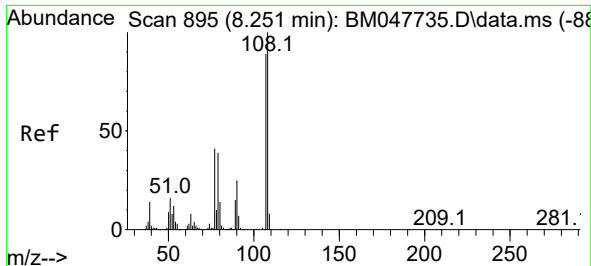
Tgt Ion:	93	Resp:	308848
Ion Ratio	Lower	Upper	
93	100		
63	74.2	69.4	104.2
95	32.5	25.0	37.6



#12
 2-Chlorophenol
 Concen: 20.132 ng/ul
 RT: 7.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

Tgt Ion:	128	Resp:	320381
Ion Ratio	Lower	Upper	
128	100		
64	45.2	42.7	64.1
130	33.9	26.0	39.0

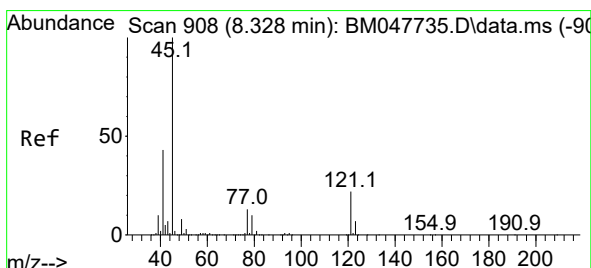
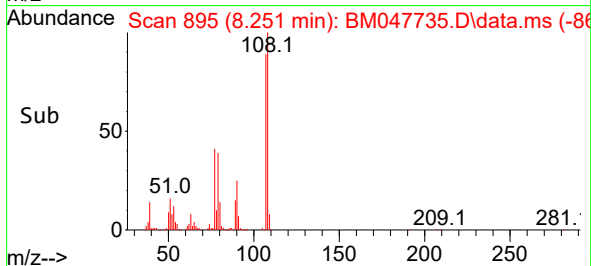
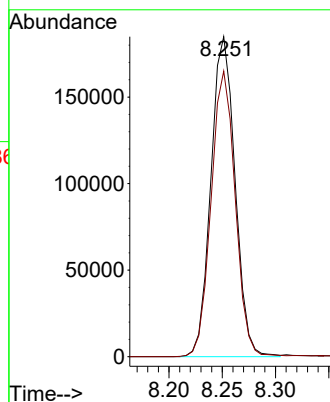
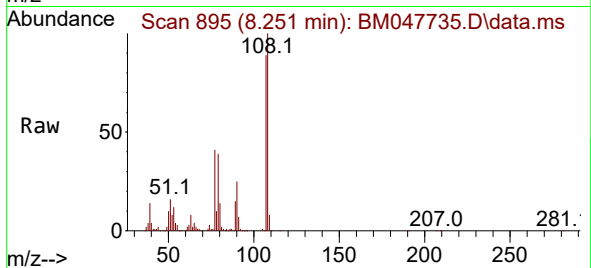




#13
2-Methylphenol
Concen: 19.022 ng/ul
RT: 8.251 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

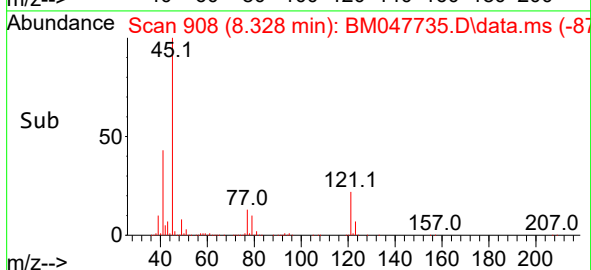
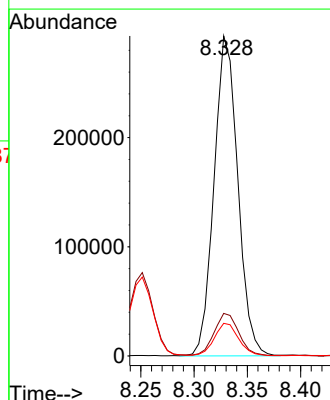
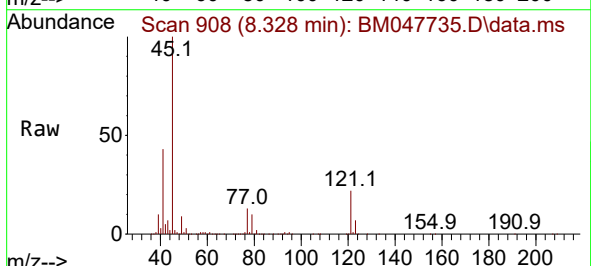
Instrument :
BNA_M
ClientSampleId :
SSTD020152

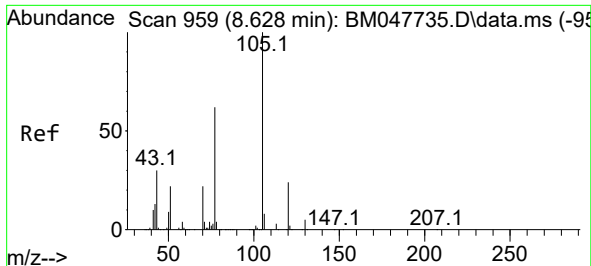
Tgt Ion:108 Resp: 291393
Ion Ratio Lower Upper
108 100
107 89.2 69.3 103.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.783 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion: 45 Resp: 454182
Ion Ratio Lower Upper
45 100
77 13.3 9.0 13.6
79 10.2 6.5 9.7#

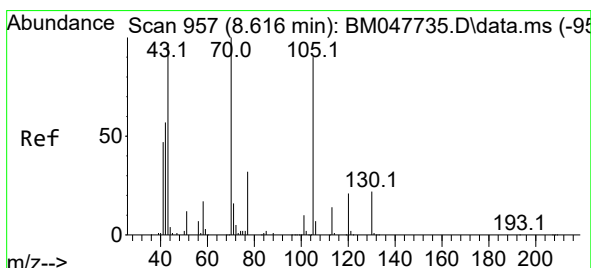
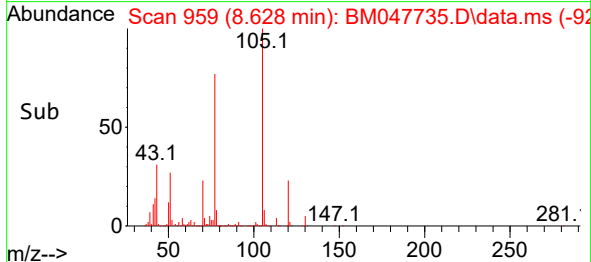
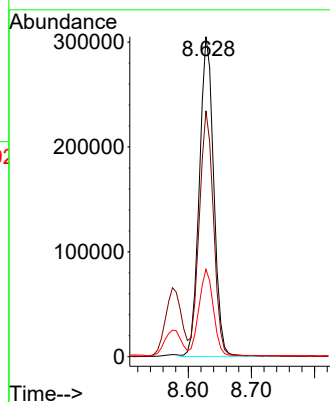
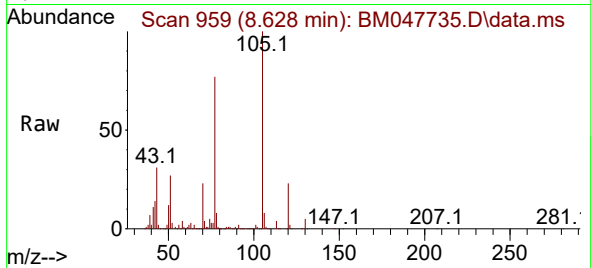




#16
Acetophenone
Concen: 18.321 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

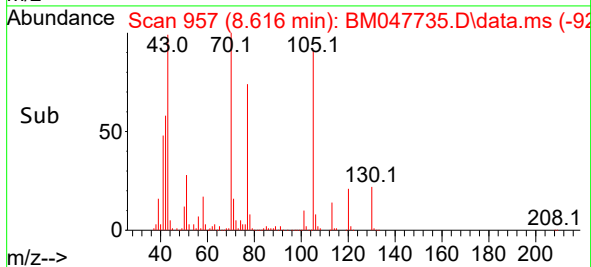
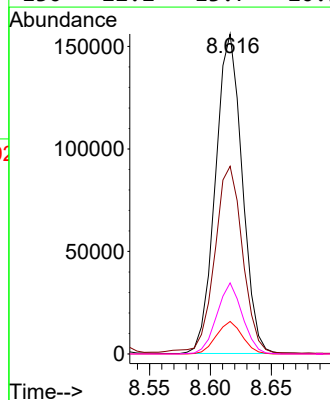
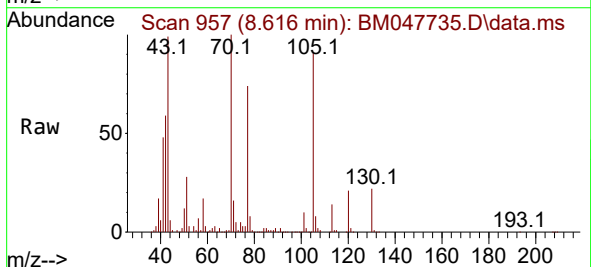
Instrument :
BNA_M
ClientSampleId :
SSTD020152

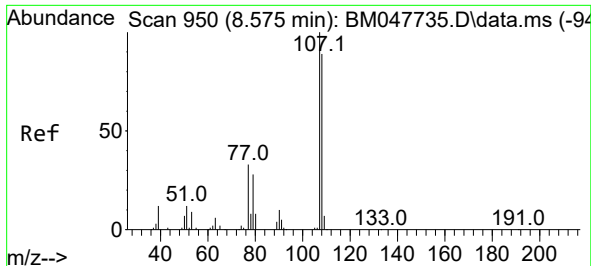
Tgt Ion:105 Resp: 481213
Ion Ratio Lower Upper
105 100
77 76.9 66.6 100.0
51 27.3 27.0 40.4



#17
N-Nitroso-di-n-propylamine
Concen: 17.118 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion: 70 Resp: 238143
Ion Ratio Lower Upper
70 100
42 58.7 55.3 82.9
101 10.2 6.8 10.2
130 22.2 13.7 20.5

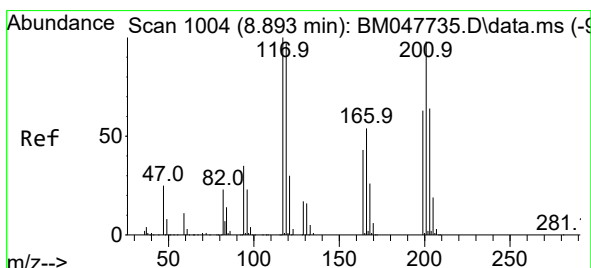
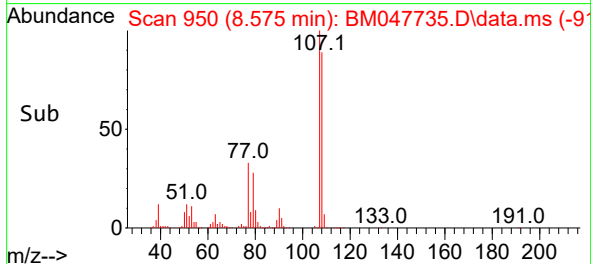
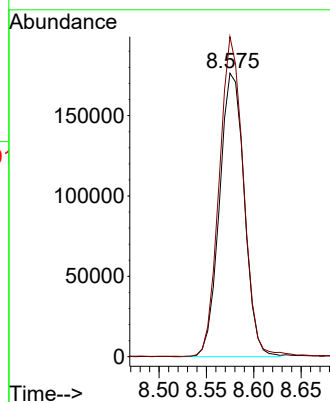
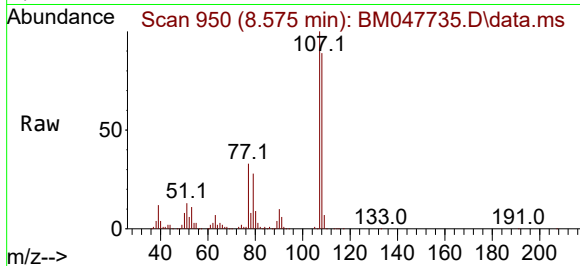




#18
4-Methylphenol
Concen: 18.693 ng/ul
RT: 8.575 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

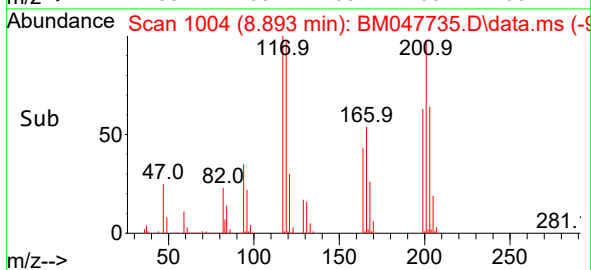
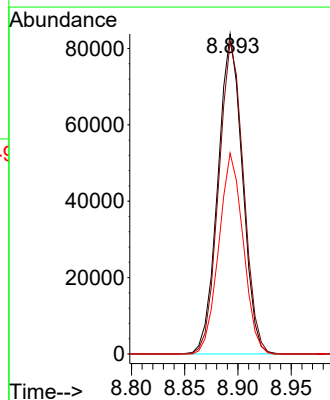
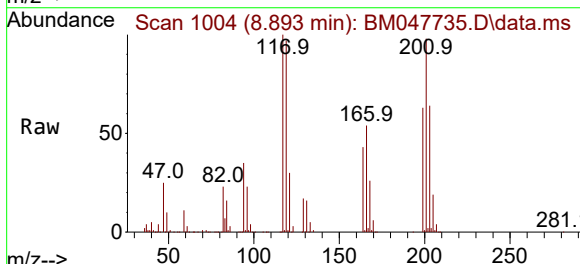
Instrument :
BNA_M
ClientSampleId :
SSTD020152

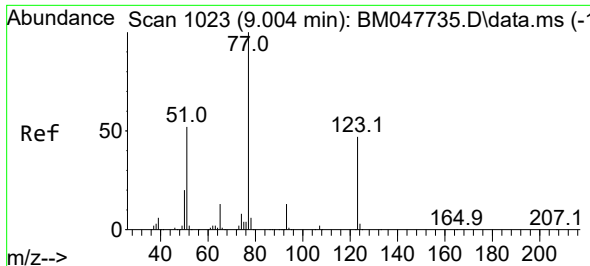
Tgt Ion:108 Resp: 321785
Ion Ratio Lower Upper
108 100
107 112.9 88.4 132.6



#19
Hexachloroethane
Concen: 18.710 ng/ul
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:117 Resp: 133831
Ion Ratio Lower Upper
117 100
201 97.6 71.0 106.6
199 62.7 44.2 66.4

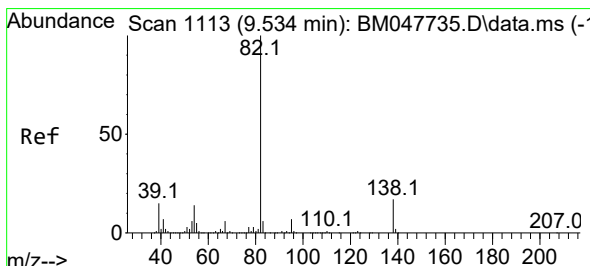
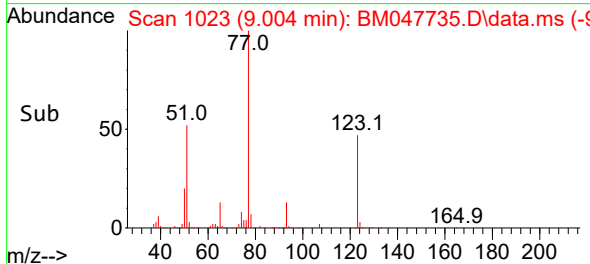
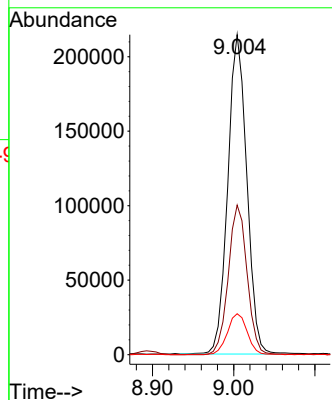
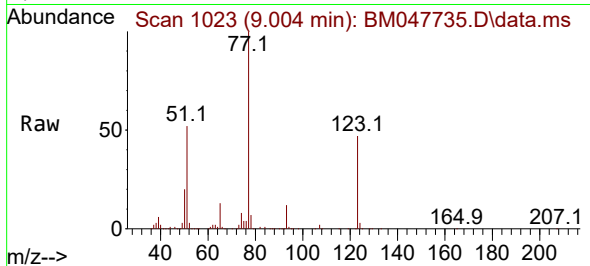




#22
Nitrobenzene
Concen: 16.871 ng/ul
RT: 9.004 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

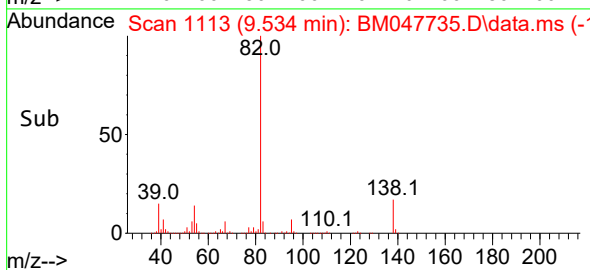
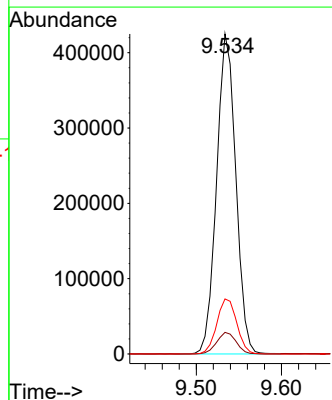
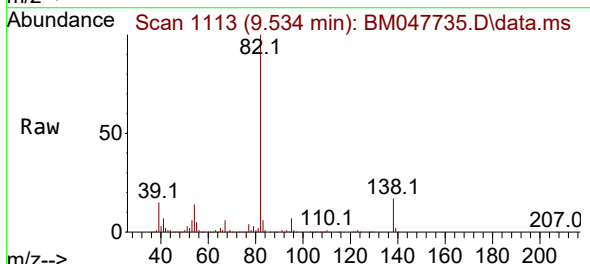
Instrument :
BNA_M
ClientSampleId :
SSTD020152

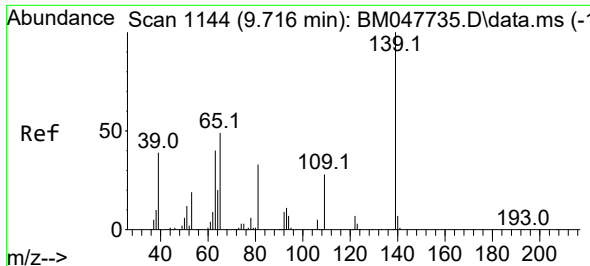
Tgt Ion: 77 Resp: 349035
Ion Ratio Lower Upper
77 100
123 46.7 31.7 47.5
65 12.8 11.1 16.7



#23
Isophorone
Concen: 17.995 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion: 82 Resp: 665958
Ion Ratio Lower Upper
82 100
95 6.8 4.9 7.3
138 17.2 12.0 18.0

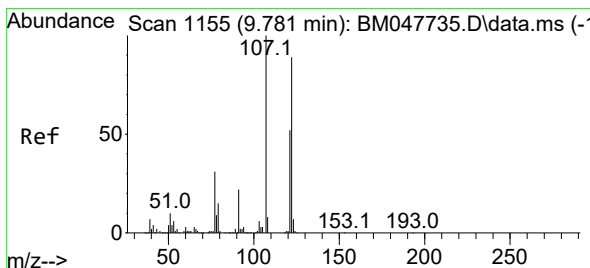
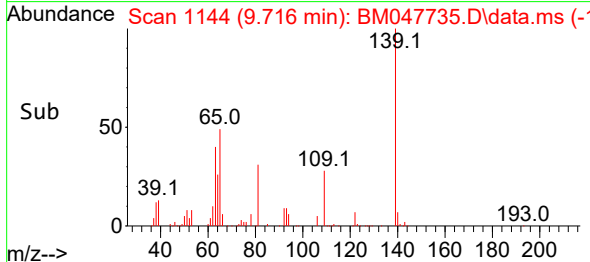
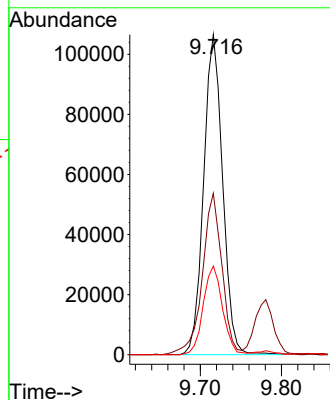
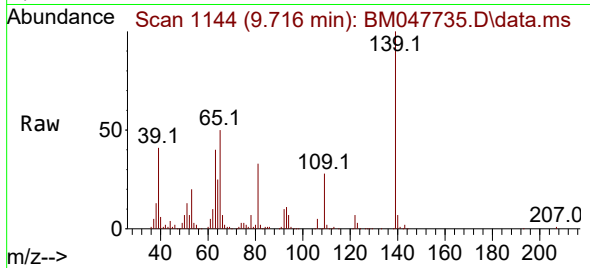




#25
2-Nitrophenol
Concen: 21.698 ng/ul
RT: 9.716 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

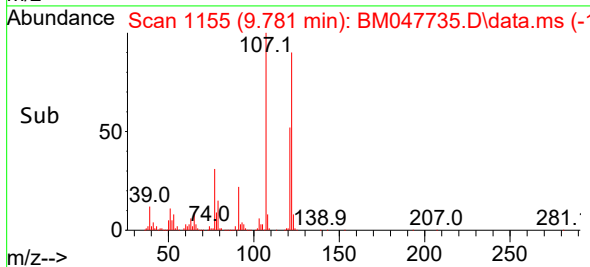
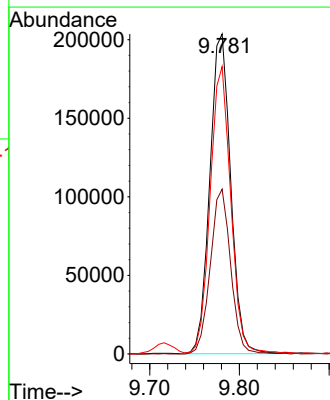
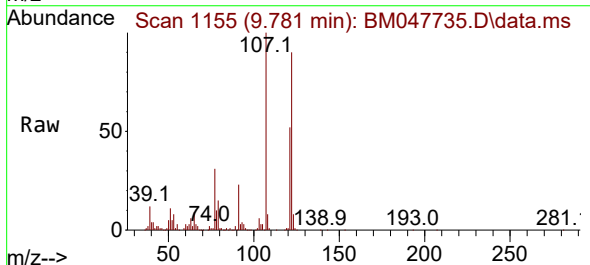
Instrument :
BNA_M
ClientSampleId :
SSTD020152

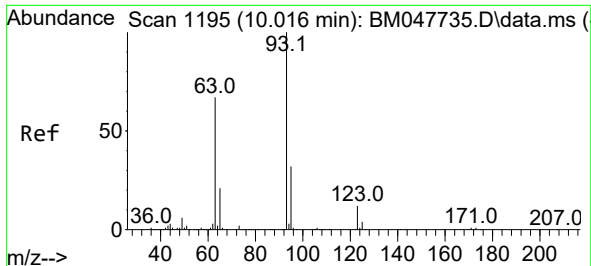
Tgt Ion:139 Resp: 173243
Ion Ratio Lower Upper
139 100
65 50.5 49.6 74.4
109 27.7 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 19.220 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:107 Resp: 328812
Ion Ratio Lower Upper
107 100
121 51.5 37.8 56.8
122 89.8 65.4 98.0

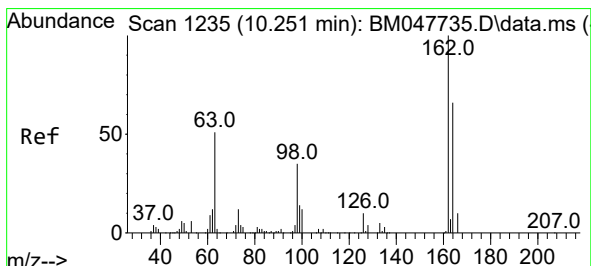
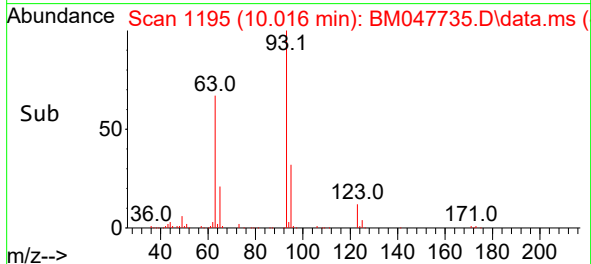
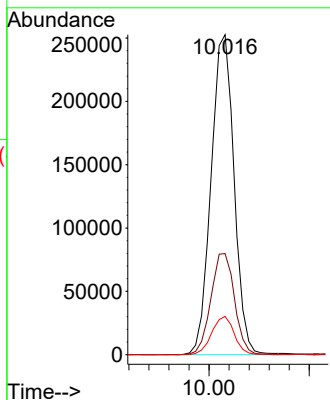
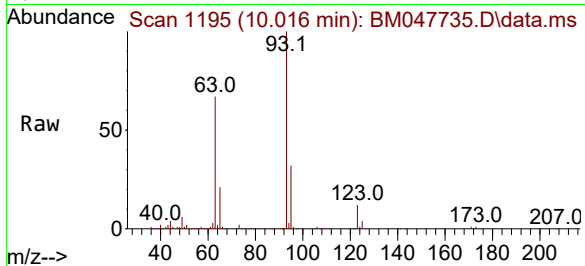




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.723 ng/ul
 RT: 10.016 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

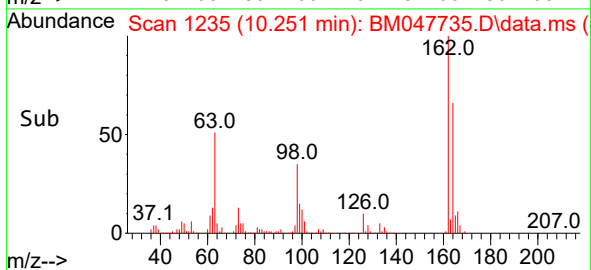
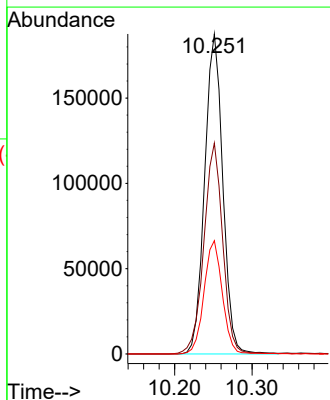
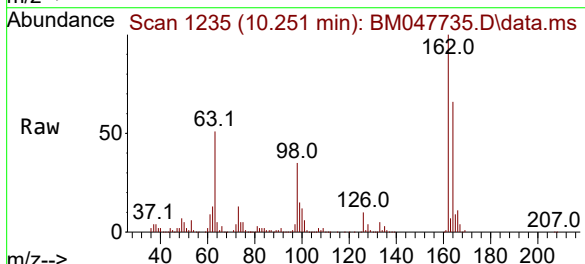
Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

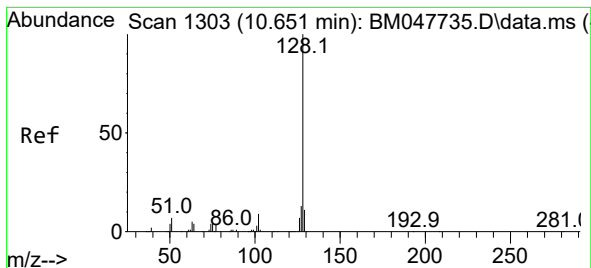
Tgt Ion: 93 Resp: 401164
 Ion Ratio Lower Upper
 93 100
 95 31.6 27.1 40.7
 123 11.9 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 21.218 ng/ul
 RT: 10.251 min Scan# 1235
 Delta R.T. -0.006 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

Tgt Ion: 162 Resp: 305453
 Ion Ratio Lower Upper
 162 100
 164 65.9 52.2 78.2
 98 35.4 30.6 46.0

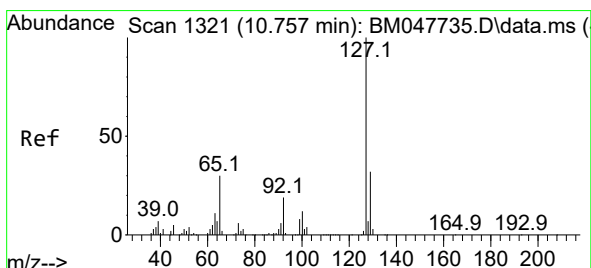
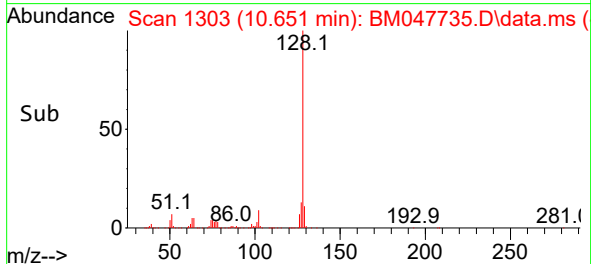
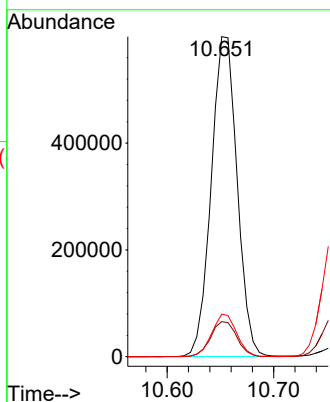
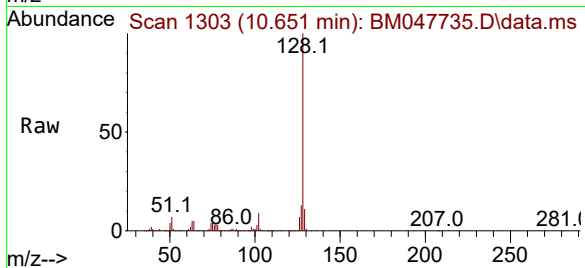




#30
Naphthalene
Concen: 19.241 ng/ul
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

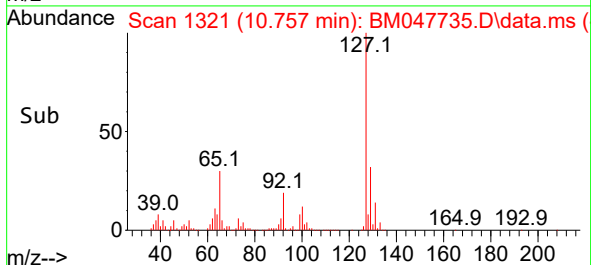
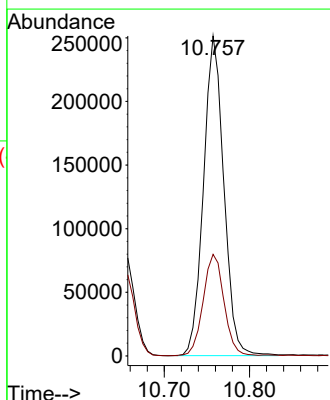
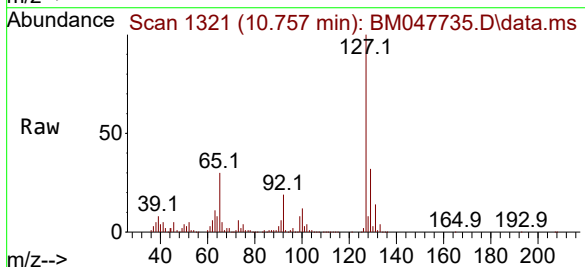
Instrument :
BNA_M
ClientSampleId :
SSTD020152

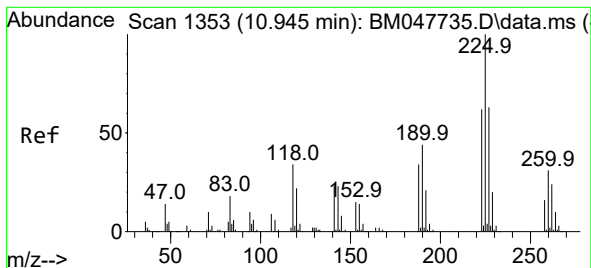
Tgt Ion:128 Resp: 1012373
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 19.610 ng/ul
RT: 10.757 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:127 Resp: 416188
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9





#33

Hexachlorobutadiene

Concen: 20.211 ng/ul

RT: 10.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

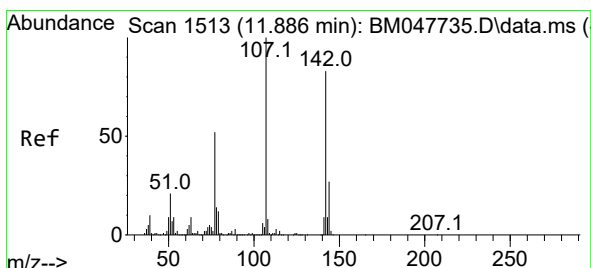
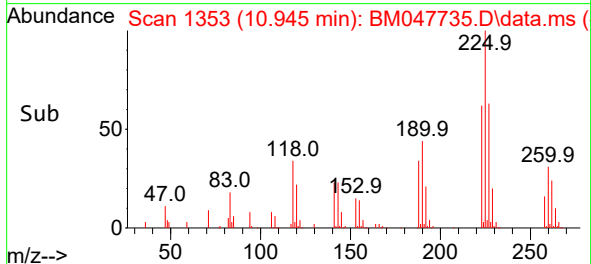
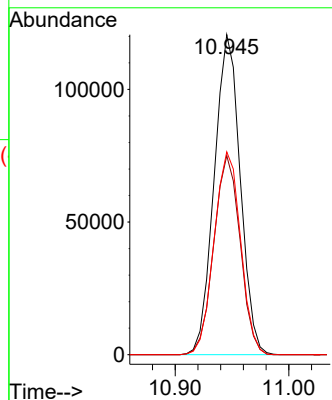
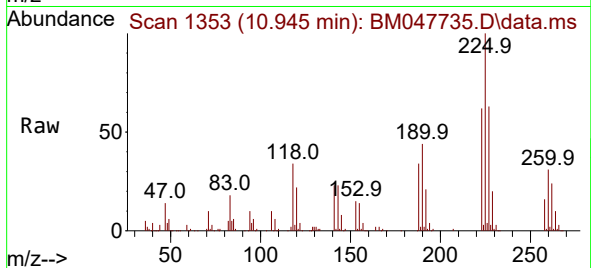
Tgt Ion:225 Resp: 192242

Ion Ratio Lower Upper

225 100

223 62.2 50.3 75.5

227 63.4 49.1 73.7



#35

4-Chloro-3-methylphenol

Concen: 20.880 ng/ul

RT: 11.886 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

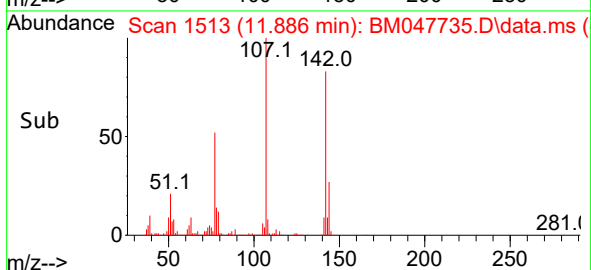
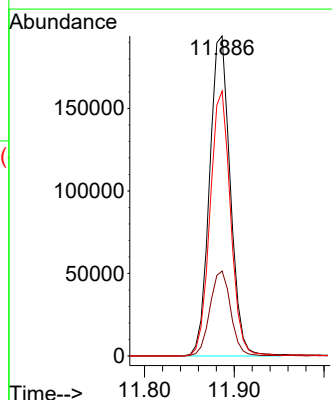
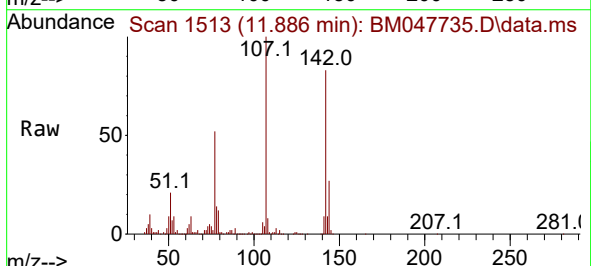
Tgt Ion:107 Resp: 311166

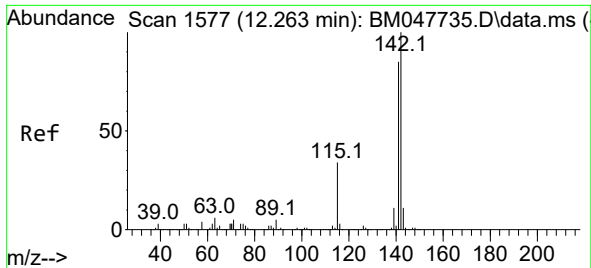
Ion Ratio Lower Upper

107 100

144 26.5 18.7 28.1

142 82.7 62.7 94.1

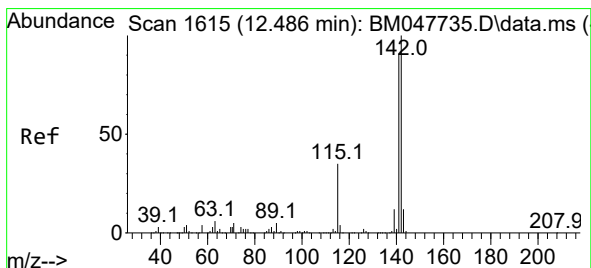
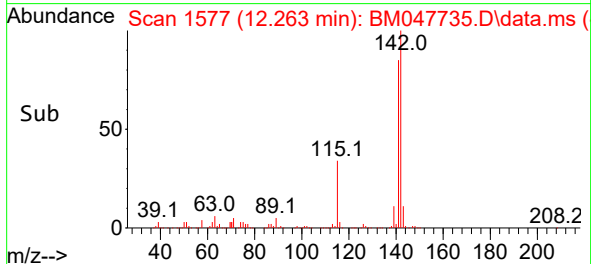
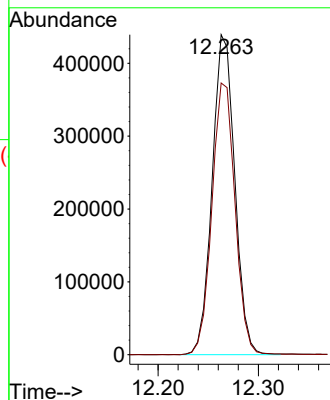
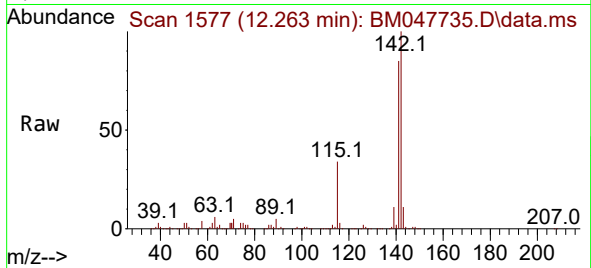




#36
2-Methylnaphthalene
Concen: 20.580 ng/ul
RT: 12.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

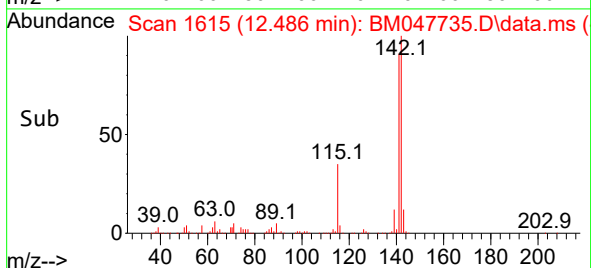
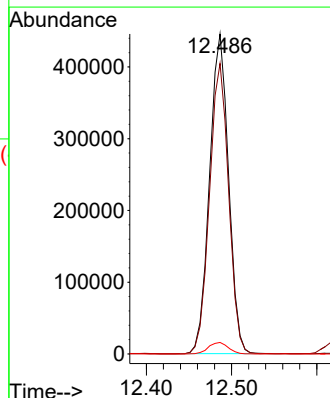
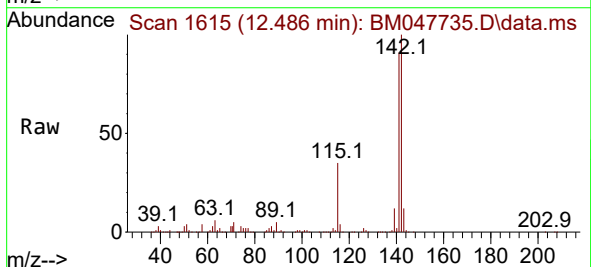
Instrument :
BNA_M
ClientSampleId :
SSTD020152

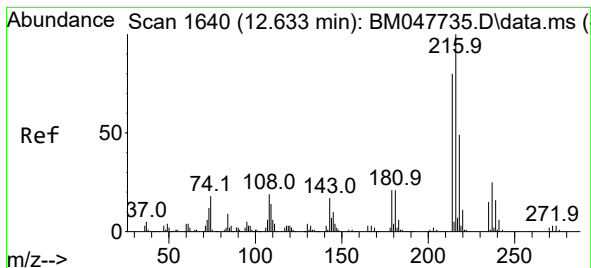
Tgt Ion:142 Resp: 688011
Ion Ratio Lower Upper
142 100
141 84.9 72.5 108.7



#37
1-Methylnaphthalene
Concen: 20.262 ng/ul
RT: 12.486 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:142 Resp: 689147
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2
116 3.6 3.0 4.6



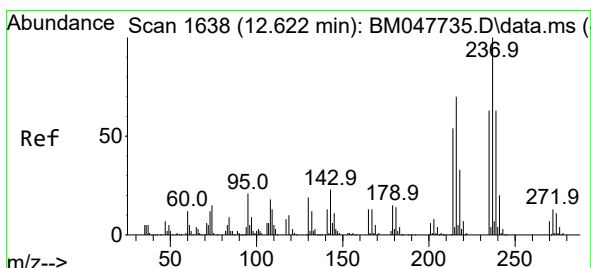
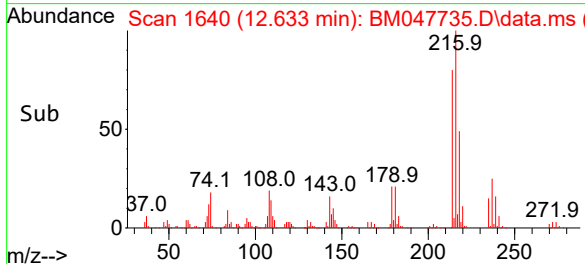
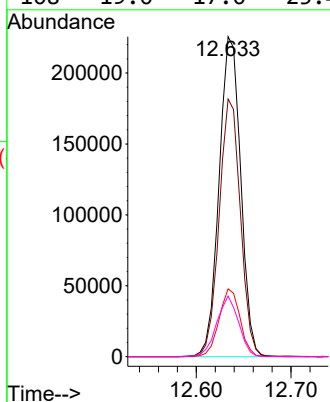
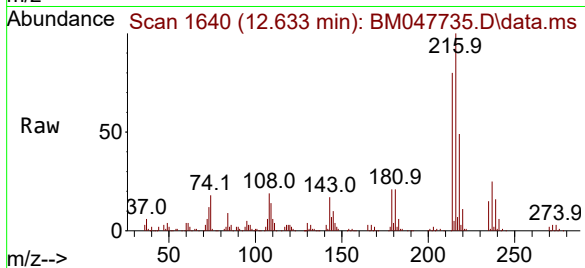


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.149 ng/ul
 RT: 12.633 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

Instrument :
 BNA_M
 ClientSampleId :
 SST020152

Tgt Ion:216 Resp: 357765

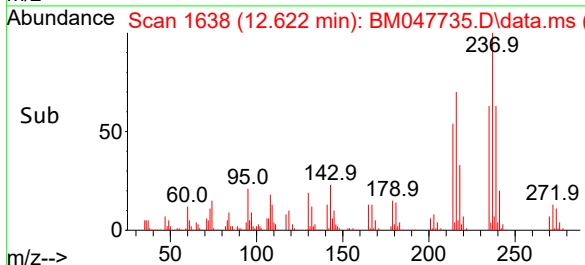
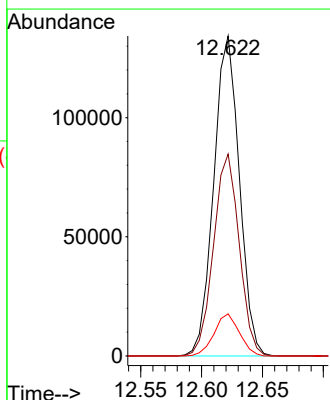
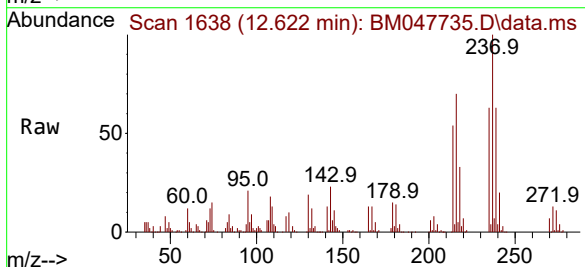
Ion	Ratio	Lower	Upper
216	100		
214	80.5	61.0	91.4
179	21.2	17.7	26.5
108	19.0	17.0	25.4

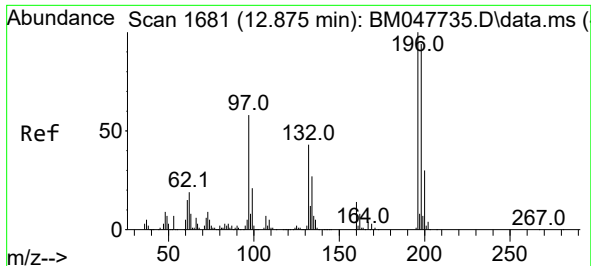


#40
 Hexachlorocyclopentadiene
 Concen: 17.386 ng/ul
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BM047735.D
 Acq: 01 Oct 2024 09:40

Tgt Ion:237 Resp: 196470

Ion	Ratio	Lower	Upper
237	100		
235	63.1	49.8	74.6
272	13.2	9.7	14.5

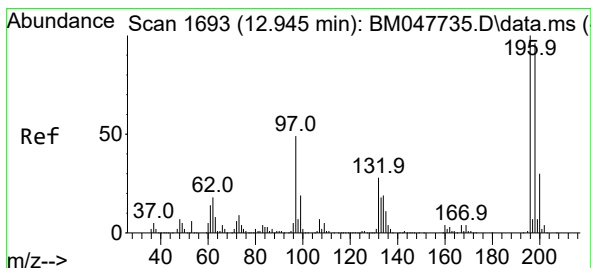
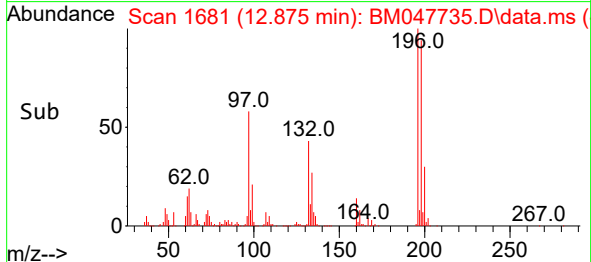
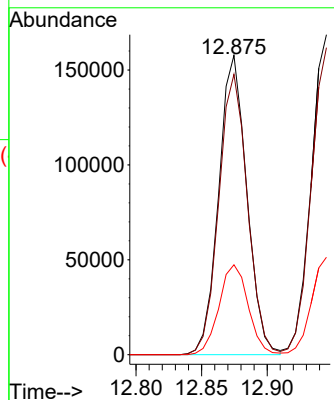
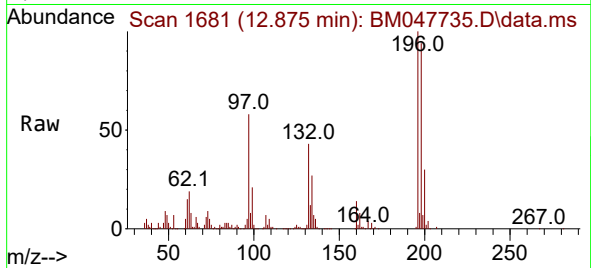




#41
2,4,6-Trichlorophenol
Concen: 21.791 ng/ul
RT: 12.875 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

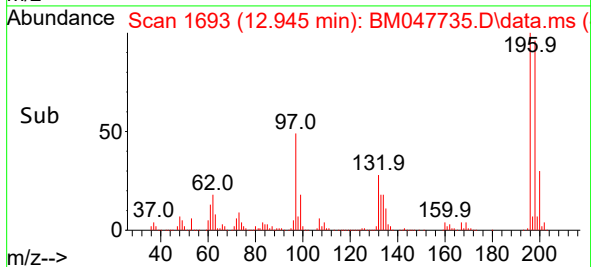
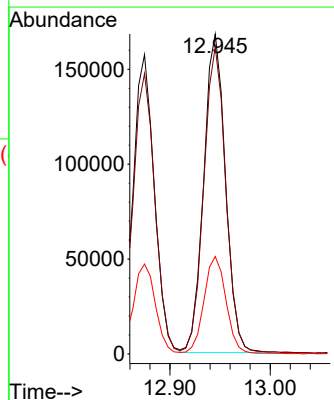
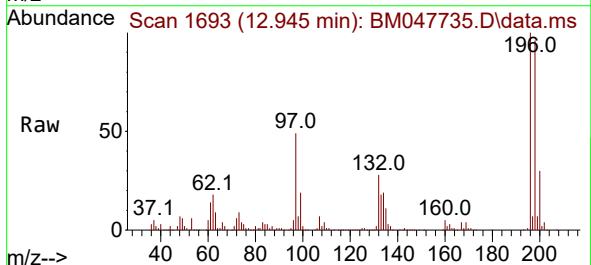
Instrument :
BNA_M
ClientSampleId :
SSTD020152

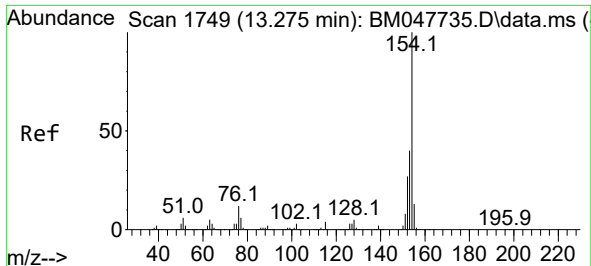
Tgt Ion:196 Resp: 235556
Ion Ratio Lower Upper
196 100
198 93.6 77.1 115.7
200 30.0 24.5 36.7



#42
2,4,5-Trichlorophenol
Concen: 21.471 ng/ul
RT: 12.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:196 Resp: 253810
Ion Ratio Lower Upper
196 100
198 95.9 79.5 119.3
200 30.4 25.8 38.8

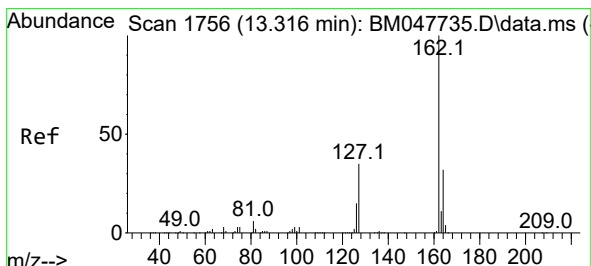
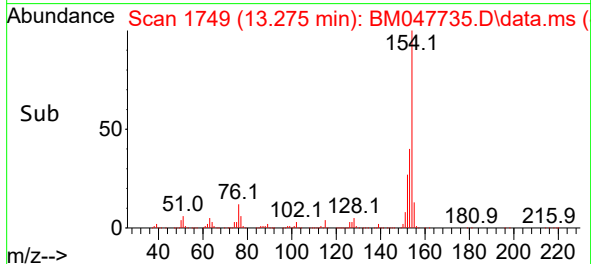
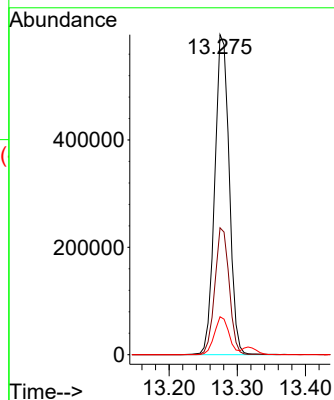
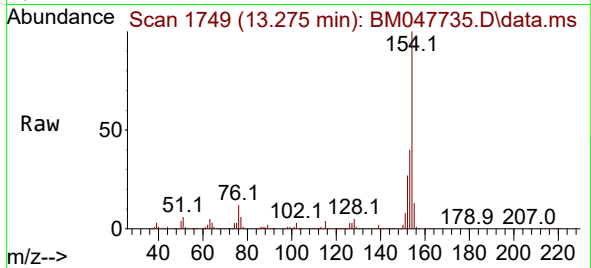




#43
1,1'-Biphenyl
Concen: 19.198 ng/ul
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

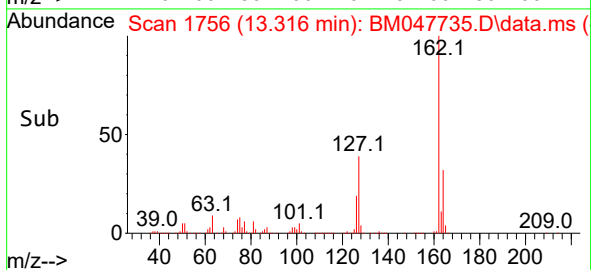
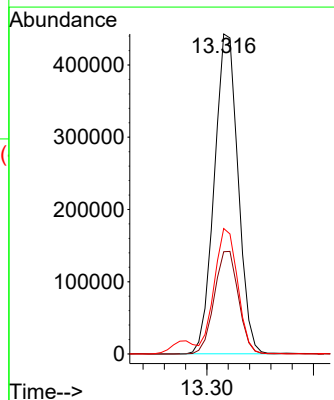
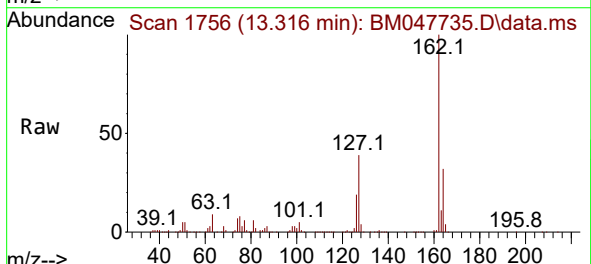
Instrument :
BNA_M
ClientSampleId :
SSTD020152

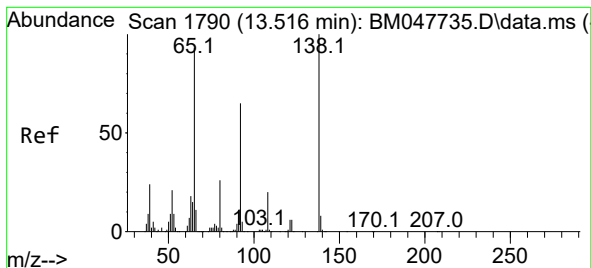
Tgt Ion:154 Resp: 882169
Ion Ratio Lower Upper
154 100
153 39.7 31.1 46.7
76 11.9 12.1 18.1#



#44
2-Chloronaphthalene
Concen: 19.309 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:162 Resp: 686238
Ion Ratio Lower Upper
162 100
164 31.9 25.3 37.9
127 39.2 32.9 49.3





#45

2-Nitroaniline

Concen: 17.147 ng/ul

RT: 13.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

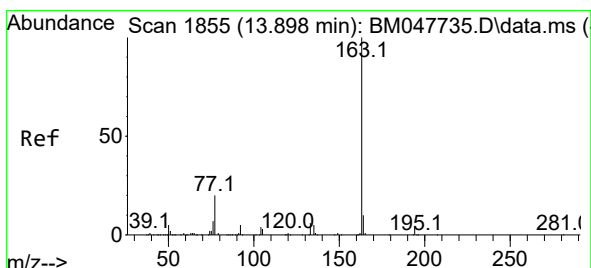
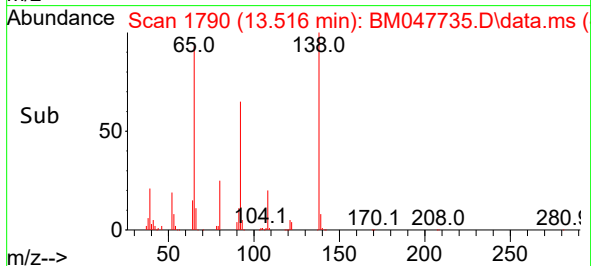
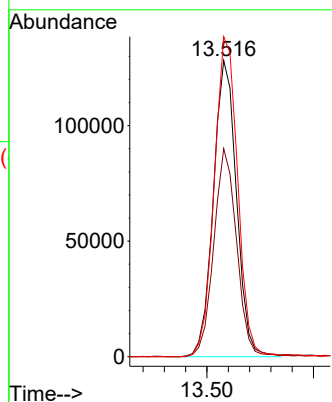
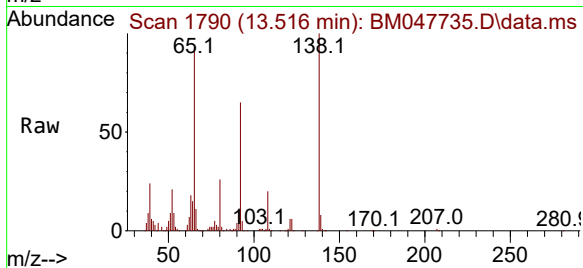
Tgt Ion: 65 Resp: 193457

Ion Ratio Lower Upper

65 100

92 70.3 49.1 73.7

138 108.1 67.6 101.4#



#47

Dimethylphthalate

Concen: 19.485 ng/ul

RT: 13.898 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

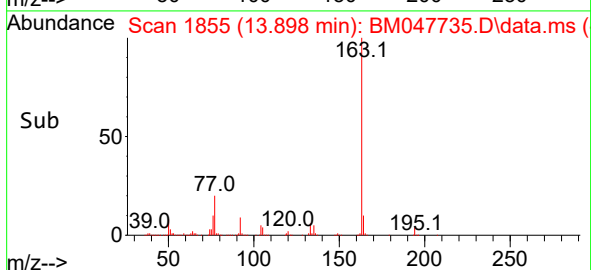
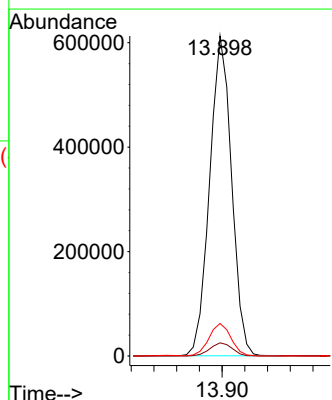
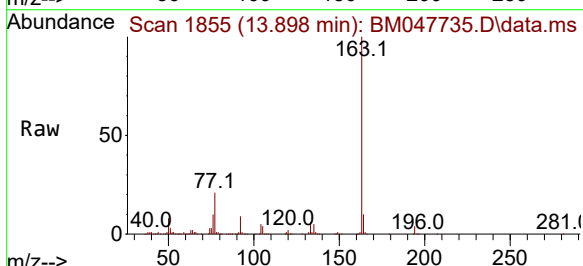
Tgt Ion:163 Resp: 821124

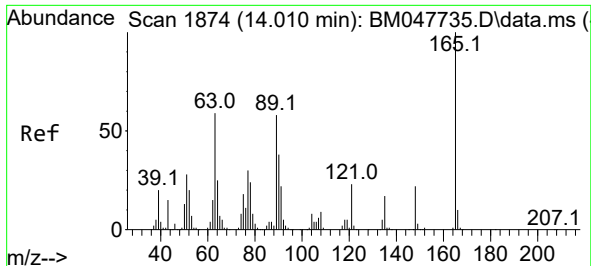
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 7.8 11.6

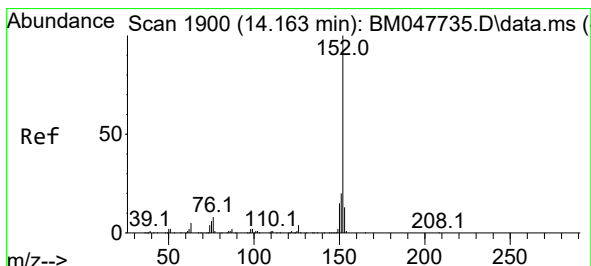
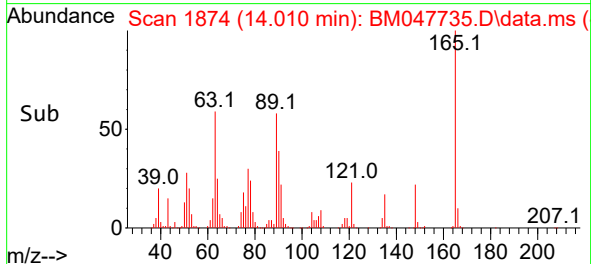
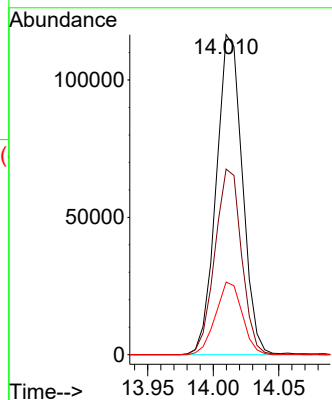
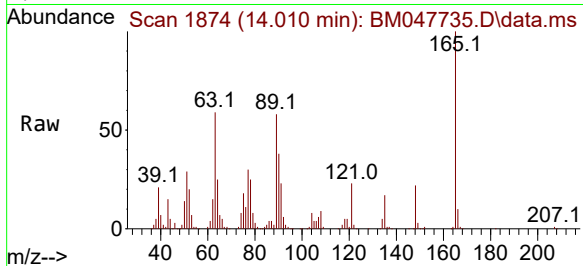




#48
2,6-Dinitrotoluene
Concen: 21.792 ng/ul
RT: 14.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

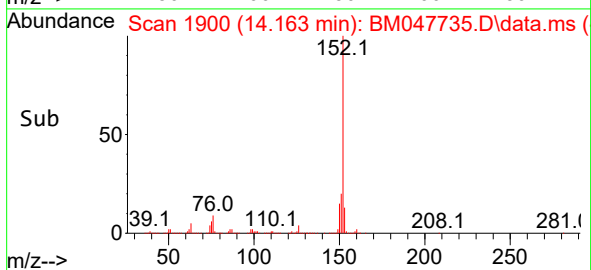
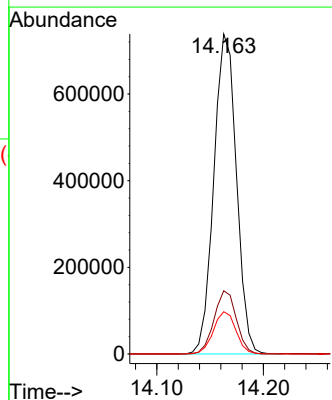
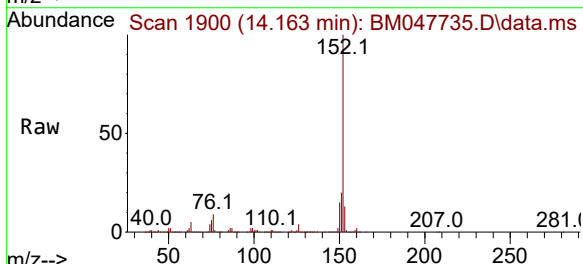
Instrument :
BNA_M
ClientSampleId :
SSTD020152

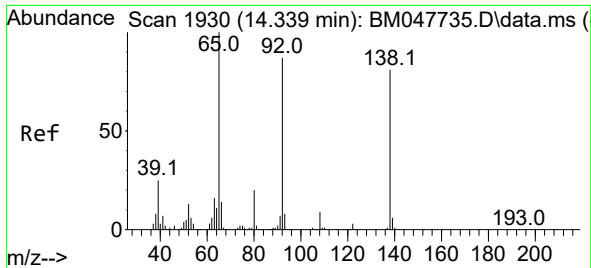
Tgt Ion:165 Resp: 161277
Ion Ratio Lower Upper
165 100
89 58.0 58.5 87.7#
121 22.7 20.2 30.2



#50
Acenaphthylene
Concen: 19.519 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:152 Resp: 1086007
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.7 16.1

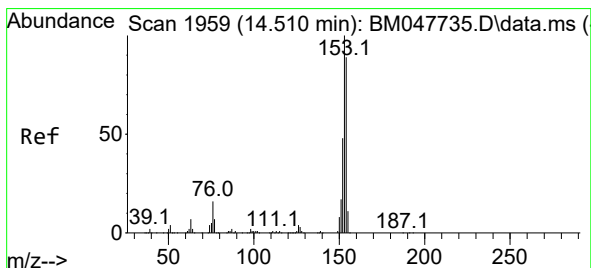
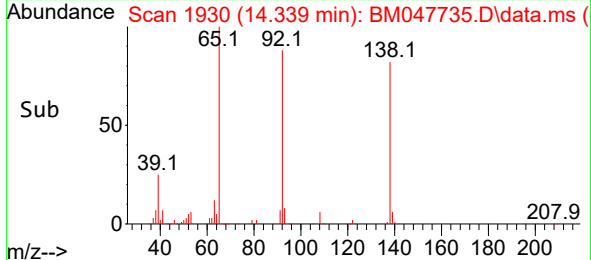
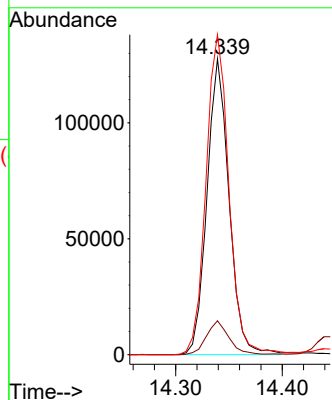
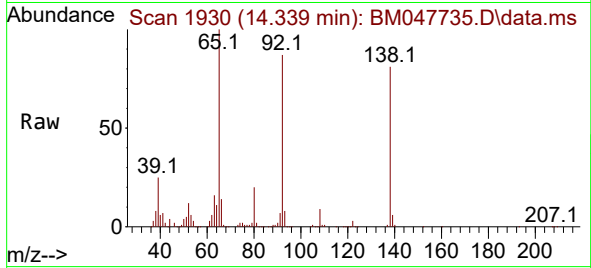




#51
3-Nitroaniline
Concen: 20.539 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

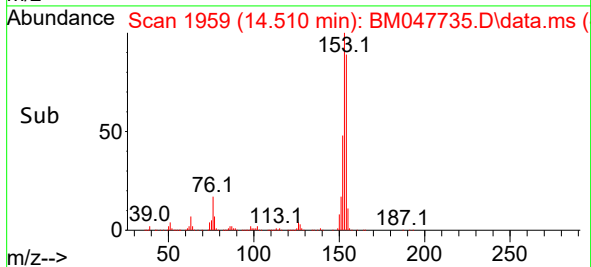
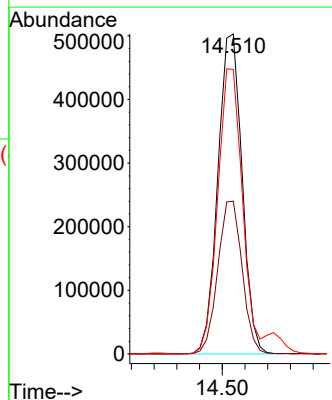
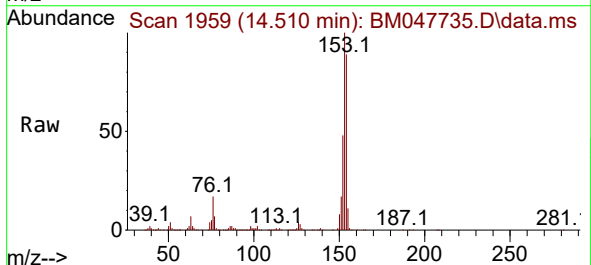
Instrument :
BNA_M
ClientSampleId :
SSTD020152

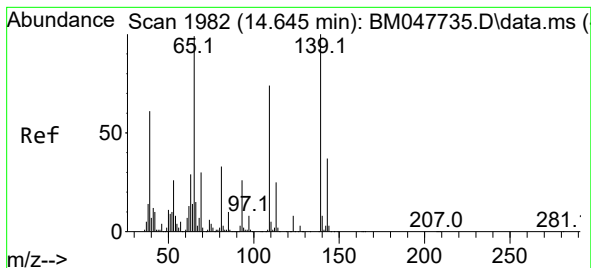
Tgt Ion:138 Resp: 183969
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.6
92 108.1 101.5 152.3



#52
Acenaphthene
Concen: 18.966 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:153 Resp: 745960
Ion Ratio Lower Upper
153 100
152 47.7 39.7 59.5
154 88.9 72.6 108.8

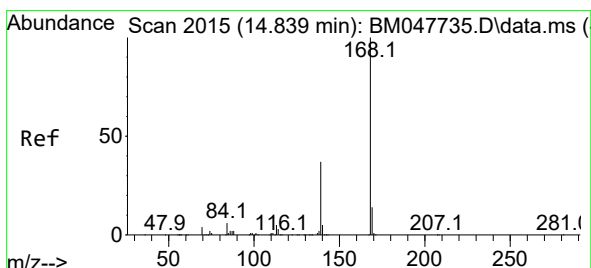
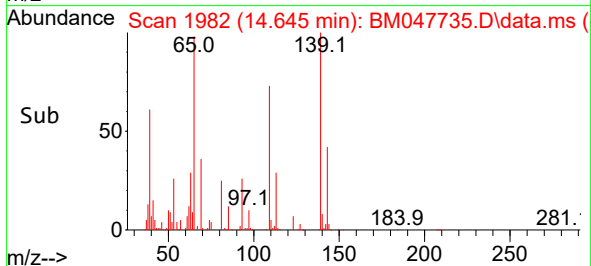
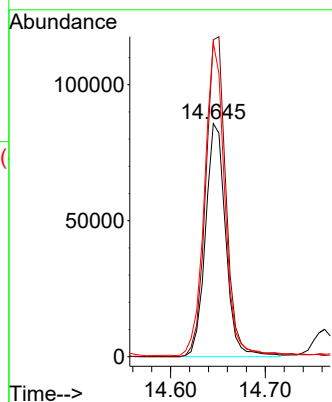
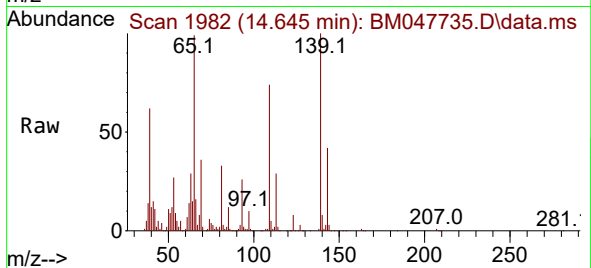




#55
4-Nitrophenol
Concen: 18.222 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

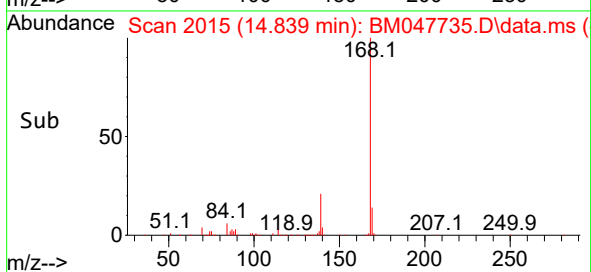
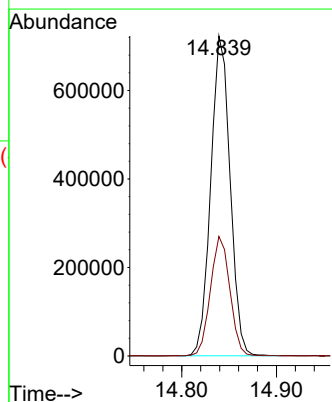
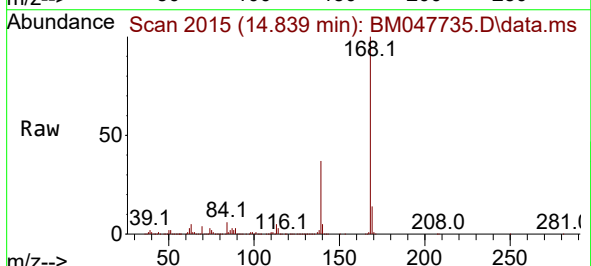
Instrument :
BNA_M
ClientSampleId :
SSTD020152

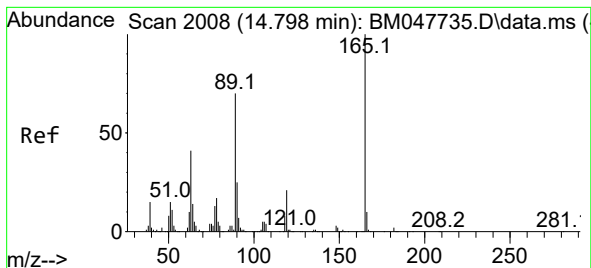
Tgt Ion:109 Resp: 126748
Ion Ratio Lower Upper
109 100
139 136.0 105.7 158.5
65 134.7 123.1 184.7



#56
Dibenzofuran
Concen: 19.347 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:168 Resp: 1024285
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.6

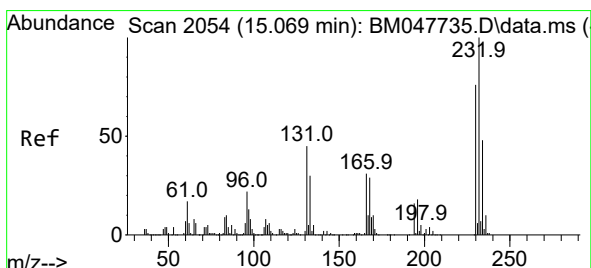
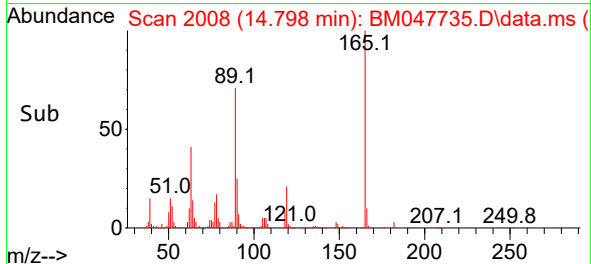
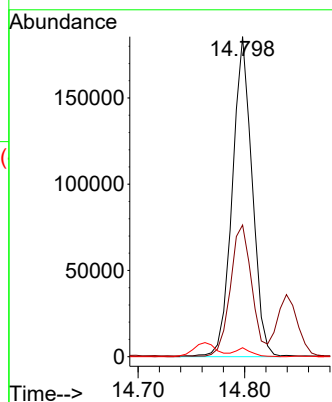
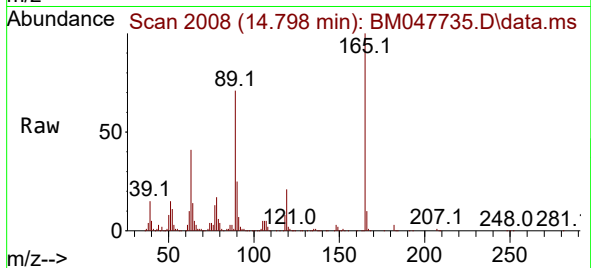




#57
2,4-Dinitrotoluene
Concen: 21.631 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

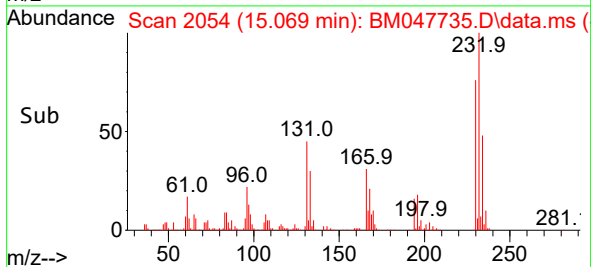
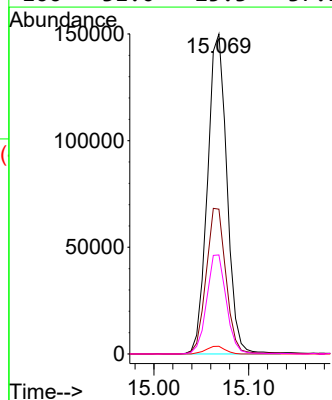
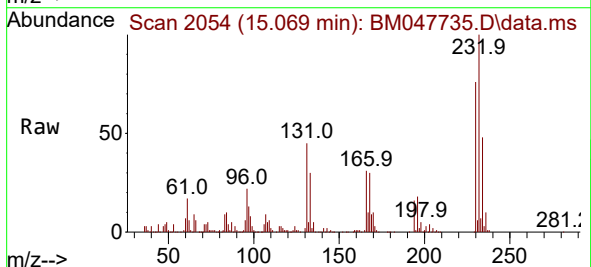
Instrument :
BNA_M
ClientSampleId :
SSTD020152

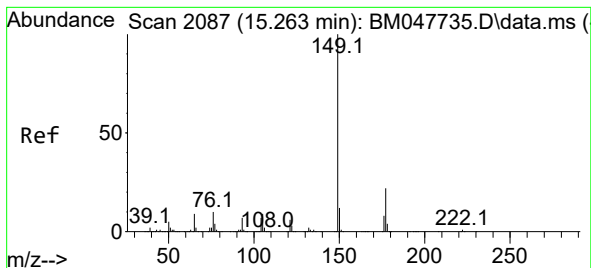
Tgt Ion:165 Resp: 240439
Ion Ratio Lower Upper
165 100
63 41.2 45.8 68.6#
182 2.8 1.7 2.5#



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.924 ng/ul
RT: 15.069 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:232 Resp: 213599
Ion Ratio Lower Upper
232 100
131 45.2 40.2 60.4
130 2.4 2.6 4.0#
166 31.0 25.3 37.9





#59

Diethylphthalate

Concen: 19.459 ng/ul

RT: 15.263 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

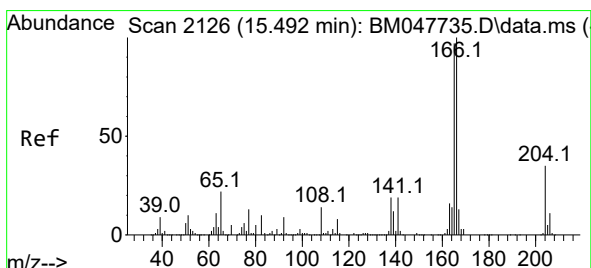
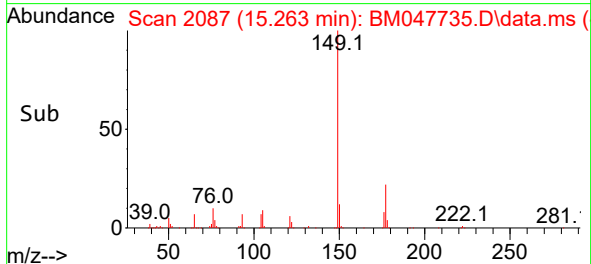
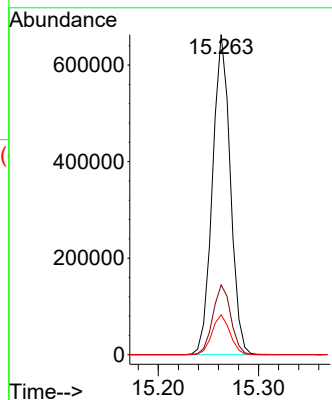
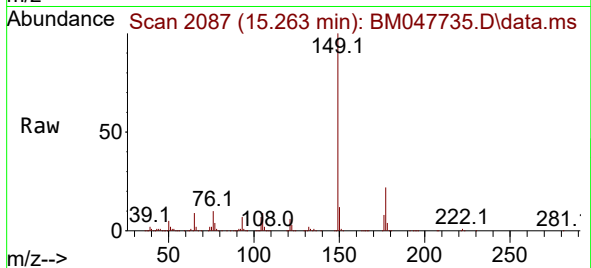
Tgt Ion:149 Resp: 820462

Ion Ratio Lower Upper

149 100

177 21.8 16.9 25.3

150 12.5 9.2 13.8



#61

Fluorene

Concen: 18.969 ng/ul

RT: 15.492 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

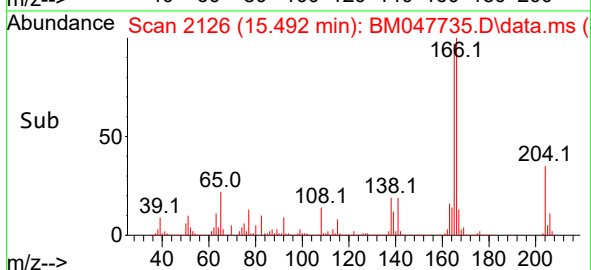
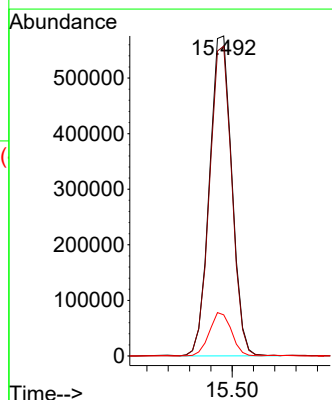
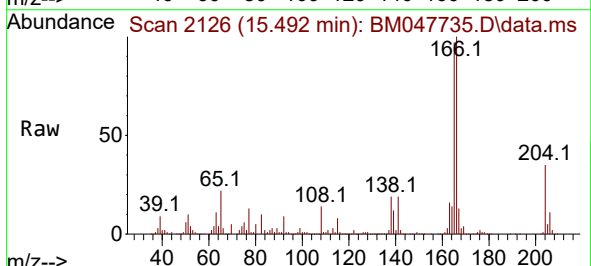
Tgt Ion:166 Resp: 837857

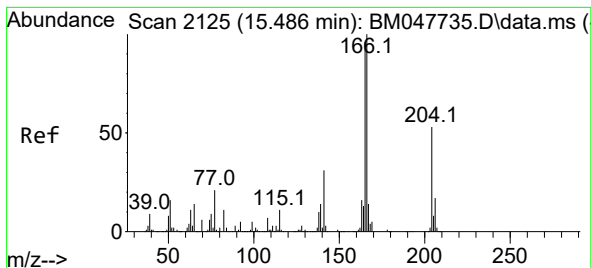
Ion Ratio Lower Upper

166 100

165 96.8 77.8 116.6

167 12.9 10.8 16.2

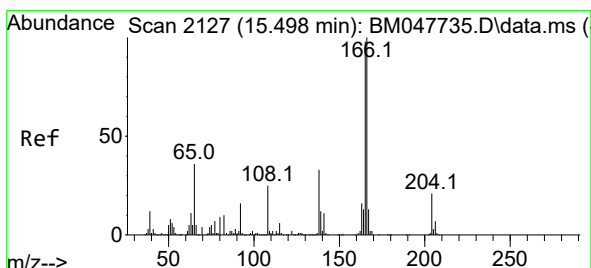
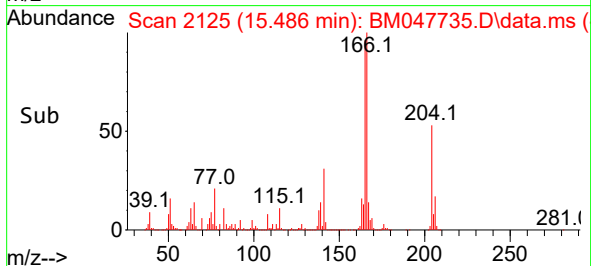
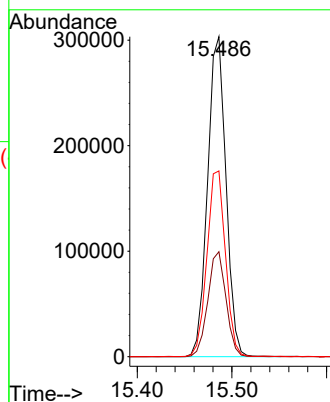
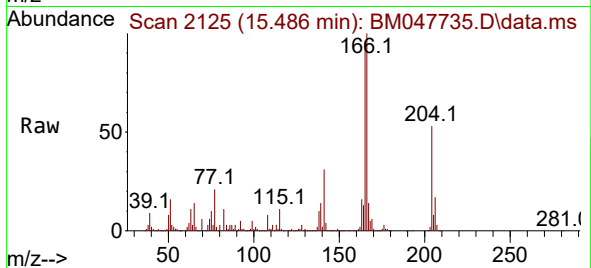




#62
4-Chlorophenyl-phenylether
Concen: 19.553 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

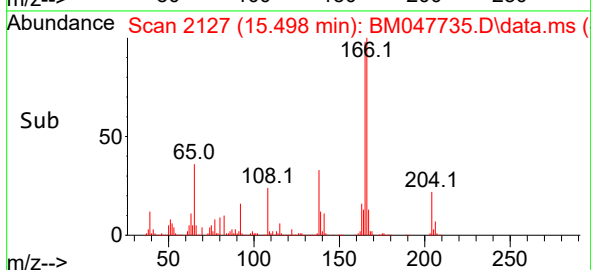
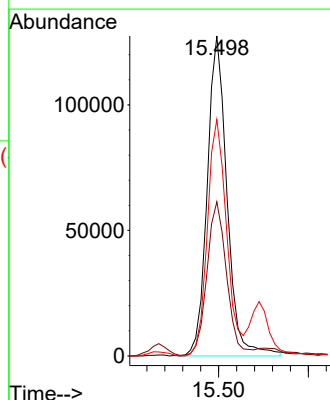
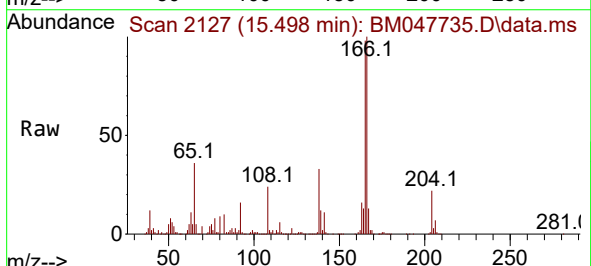
Instrument :
BNA_M
ClientSampleId :
SSTD020152

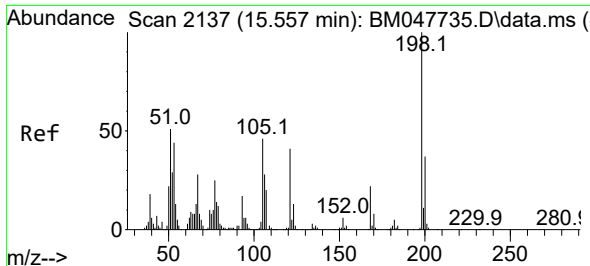
Tgt Ion:204 Resp: 408099
Ion Ratio Lower Upper
204 100
206 32.8 27.0 40.4
141 58.0 49.2 73.8



#63
4-Nitroaniline
Concen: 22.420 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:138 Resp: 195039
Ion Ratio Lower Upper
138 100
92 48.2 44.9 67.3
108 73.9 62.4 93.6

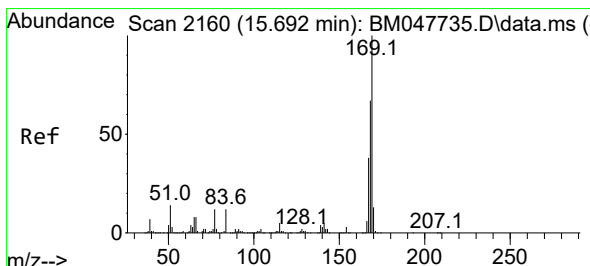
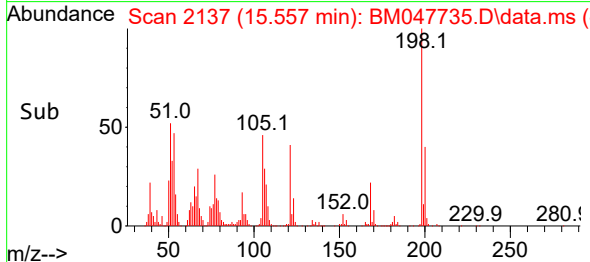
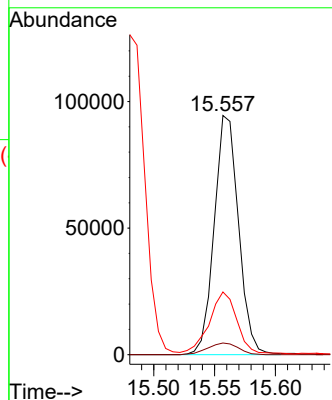
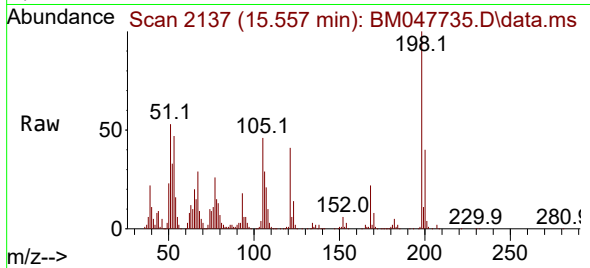




#66
4,6-Dinitro-2-methylphenol
Concen: 17.159 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

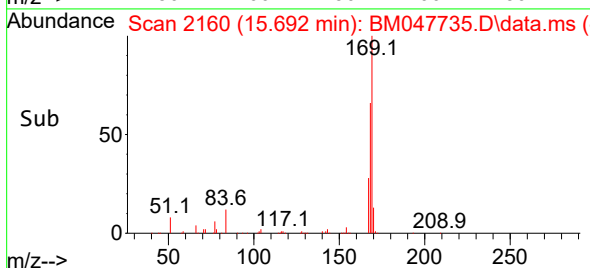
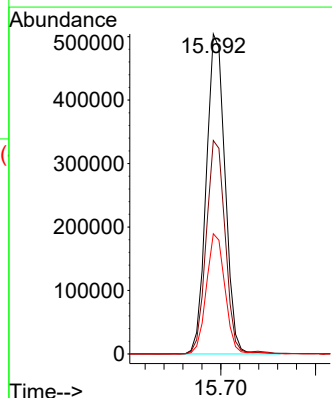
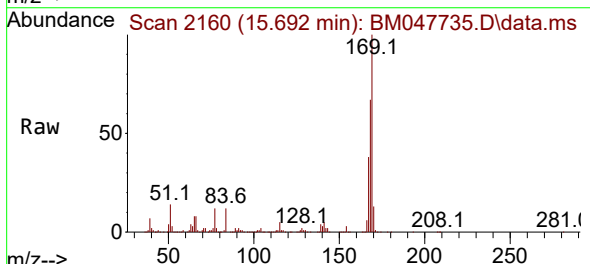
Instrument :
BNA_M
ClientSampleId :
SSTD020152

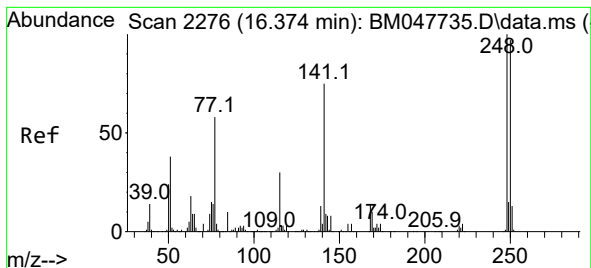
Tgt Ion:198 Resp: 131309
Ion Ratio Lower Upper
198 100
182 4.9 5.1 7.7#
77 26.2 26.2 39.2



#67
N-Nitrosodiphenylamine
Concen: 18.823 ng/ul
RT: 15.692 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:169 Resp: 692222
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 37.5 30.0 45.0

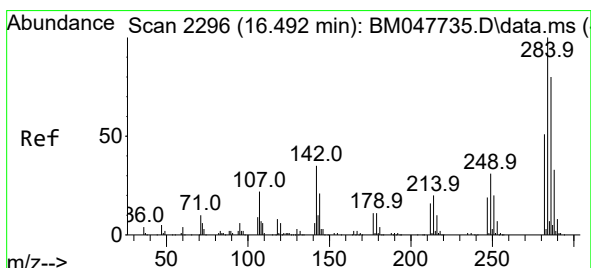
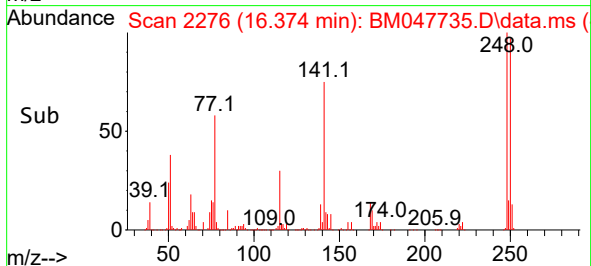
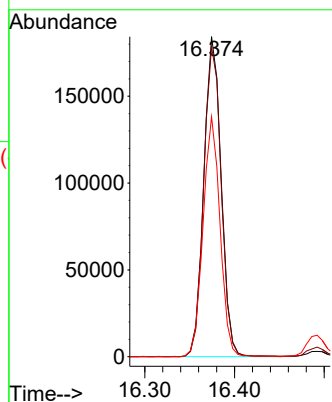
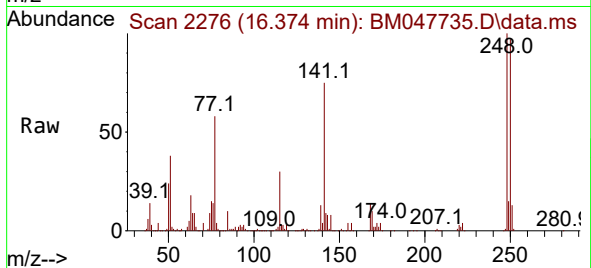




#68
4-Bromophenyl-phenylether
Concen: 20.392 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

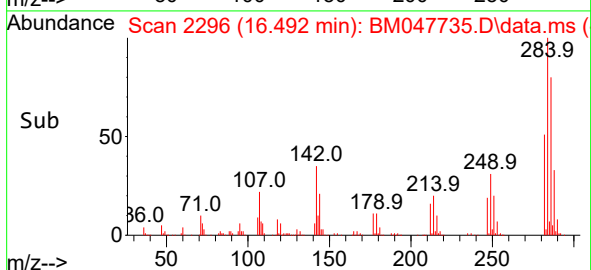
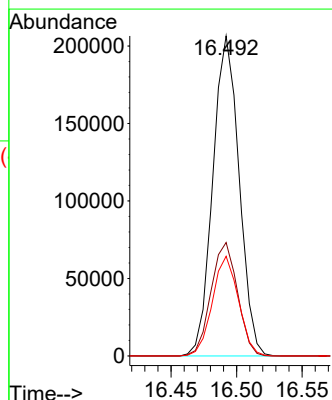
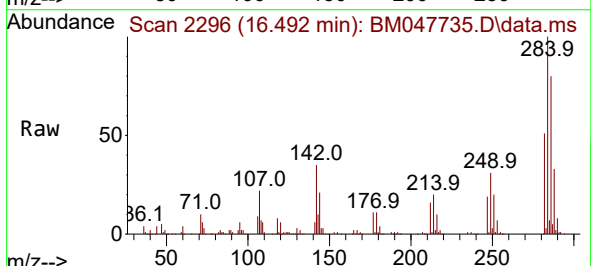
Instrument :
BNA_M
ClientSampleId :
SSTD020152

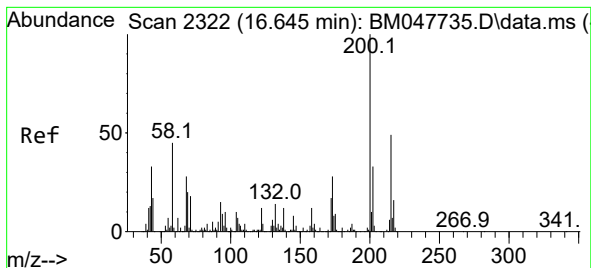
Tgt Ion:248 Resp: 248069
Ion Ratio Lower Upper
248 100
250 96.9 76.5 114.7
141 74.9 60.8 91.2



#69
Hexachlorobenzene
Concen: 20.338 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:284 Resp: 287911
Ion Ratio Lower Upper
284 100
142 35.4 32.4 48.6
249 31.1 26.3 39.5





#70

Atrazine

Concen: 19.843 ng/ul

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

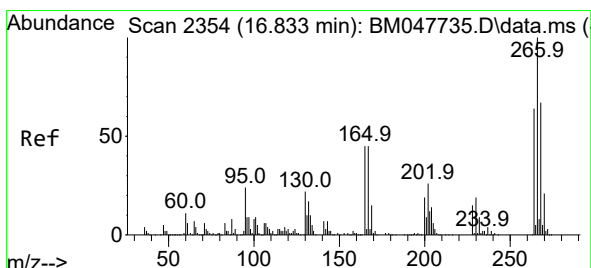
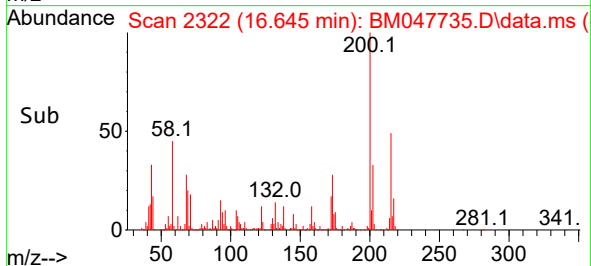
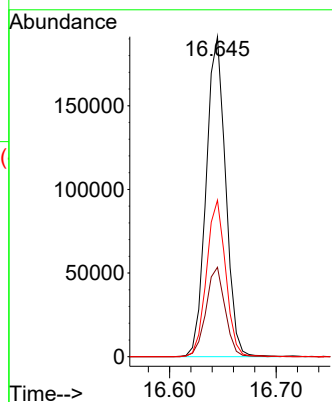
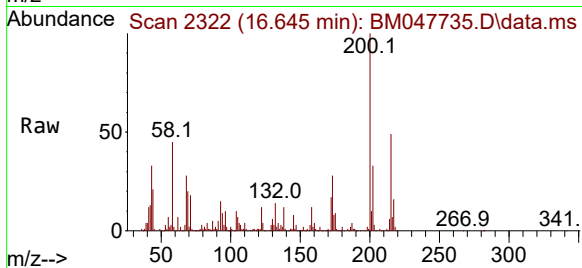
Tgt Ion:200 Resp: 242917

Ion Ratio Lower Upper

200 100

173 27.9 20.2 30.2

215 48.9 39.4 59.2



#71

Pentachlorophenol

Concen: 21.773 ng/ul

RT: 16.833 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

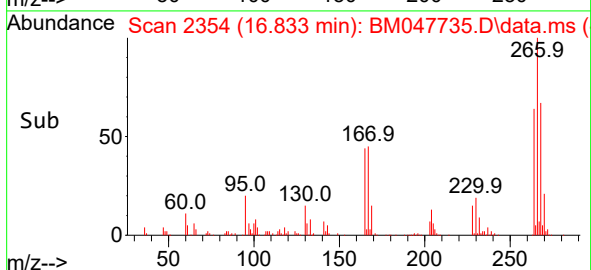
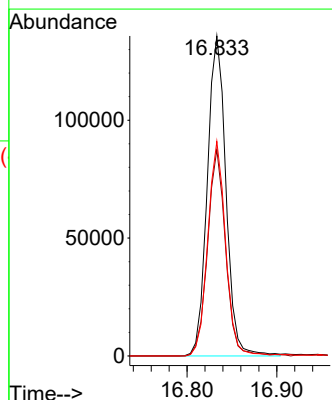
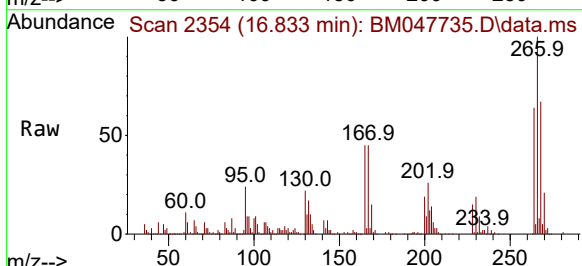
Tgt Ion:266 Resp: 196000

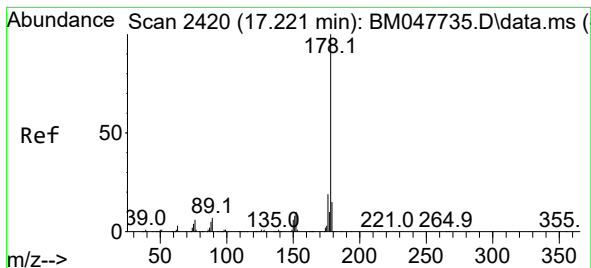
Ion Ratio Lower Upper

266 100

264 64.5 50.2 75.2

268 67.0 50.9 76.3





#72

Phenanthrene

Concen: 18.705 ng/ul

RT: 17.221 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

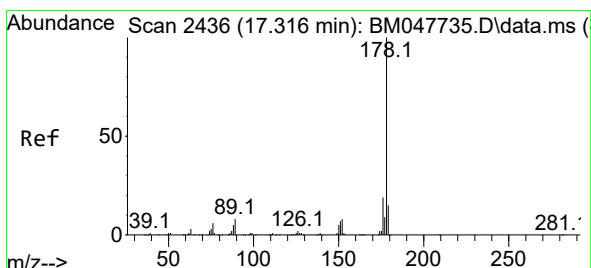
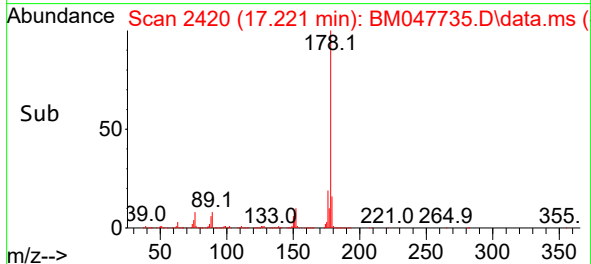
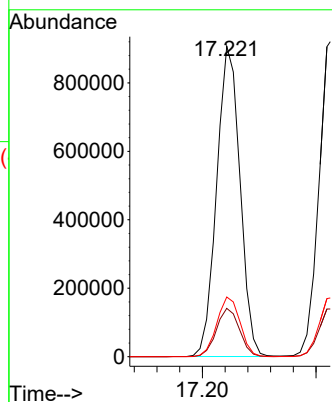
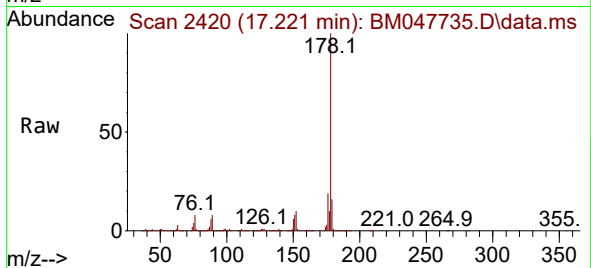
Tgt Ion:178 Resp: 1294547

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.2 15.4 23.0



#74

Anthracene

Concen: 18.907 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

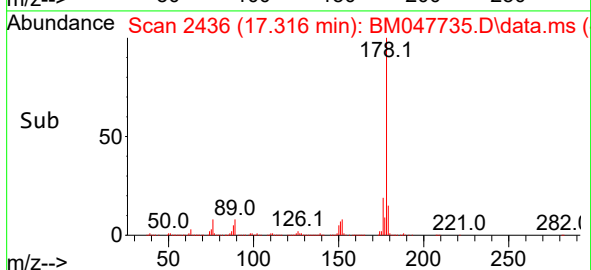
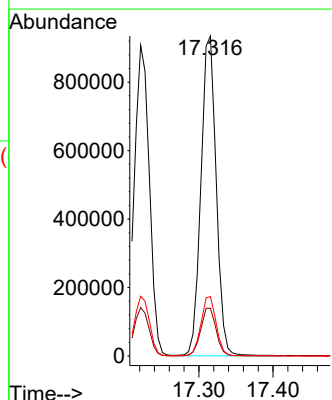
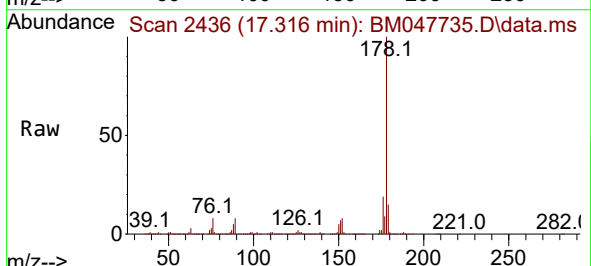
Tgt Ion:178 Resp: 1334633

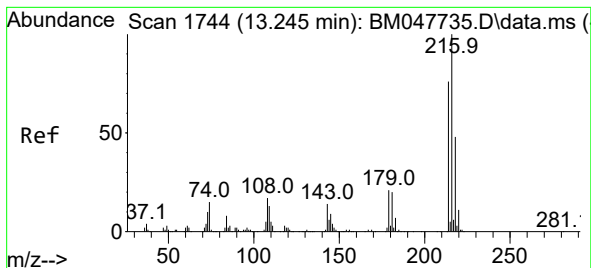
Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 18.5 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.729 ng/uL

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

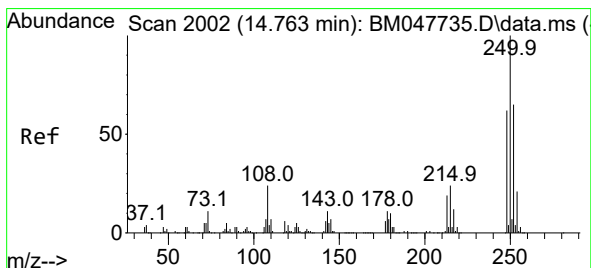
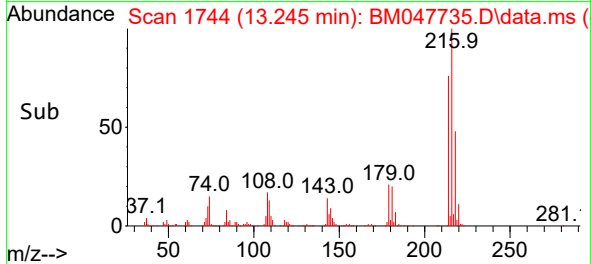
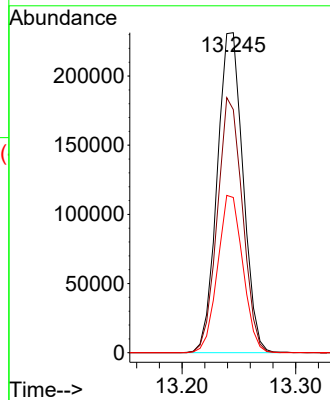
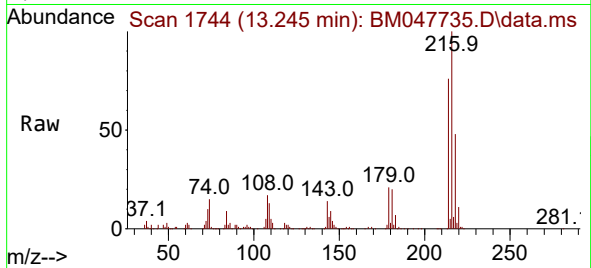
Tgt Ion:216 Resp: 365957

Ion Ratio Lower Upper

216 100

214 76.0 63.0 94.4

218 48.5 37.6 56.4



#76

Pentachlorobenzene

Concen: 18.589 ng/uL

RT: 14.763 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

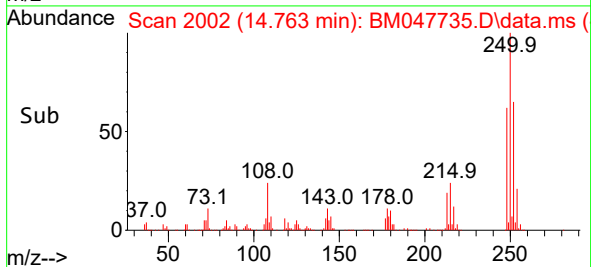
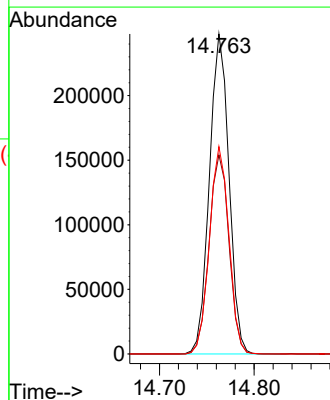
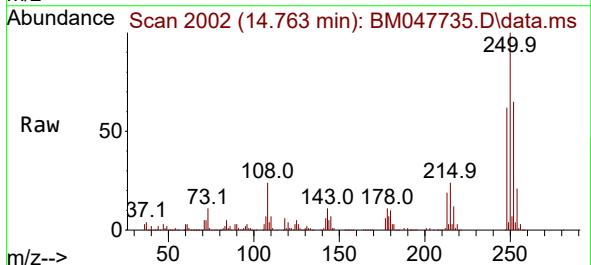
Tgt Ion:250 Resp: 354546

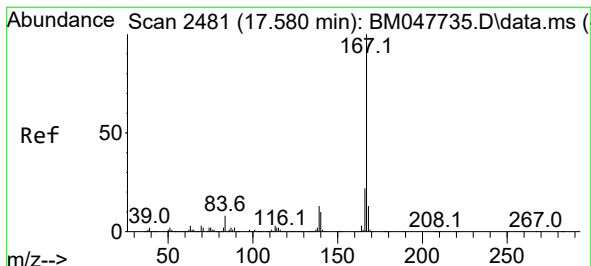
Ion Ratio Lower Upper

250 100

248 62.2 50.2 75.2

252 64.8 49.4 74.0





#77

Carbazole

Concen: 19.243 ng/ul

RT: 17.580 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

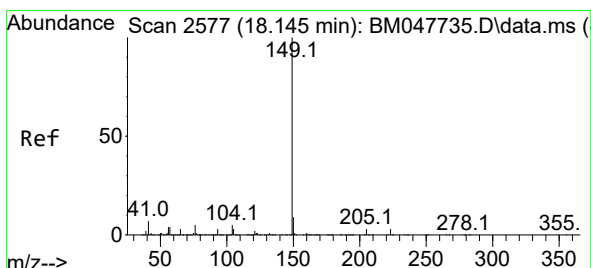
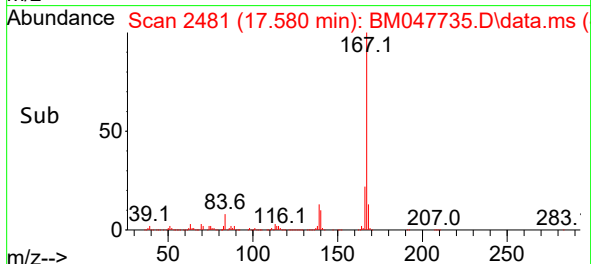
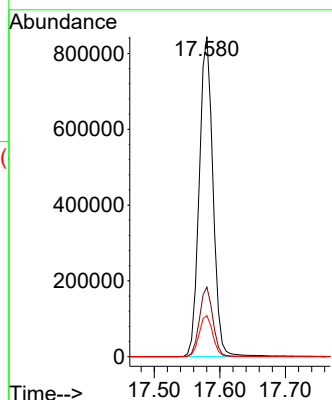
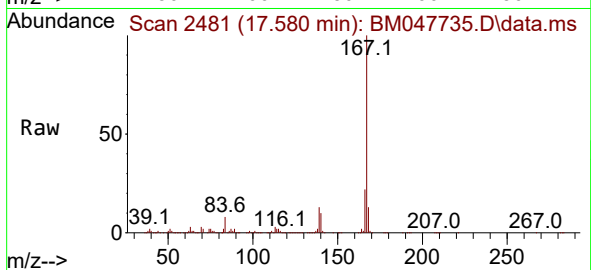
Tgt Ion:167 Resp: 1231204

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.8 10.9 16.3



#78

Di-n-butylphthalate

Concen: 19.767 ng/ul

RT: 18.145 min Scan# 2577

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

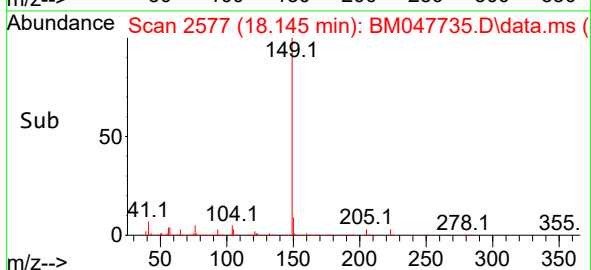
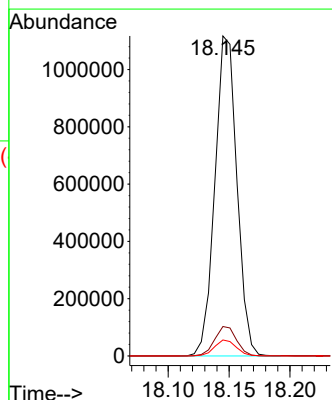
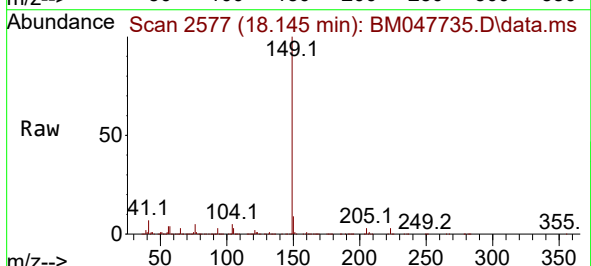
Tgt Ion:149 Resp: 1408019

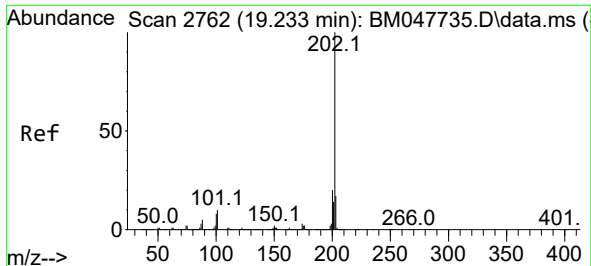
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.6 7.0

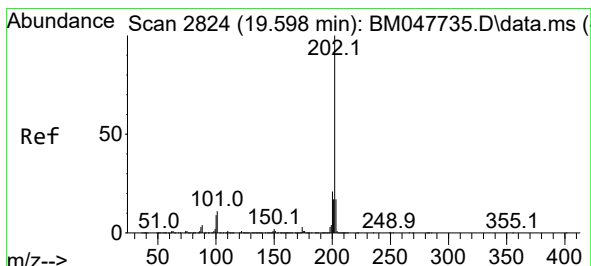
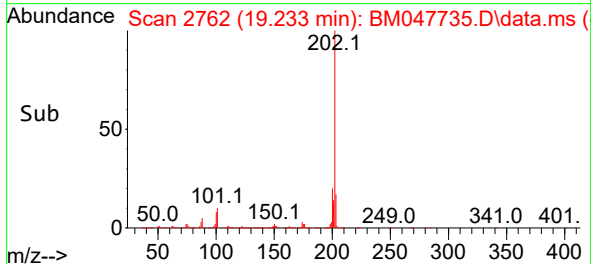
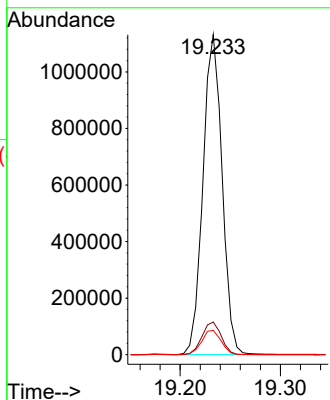
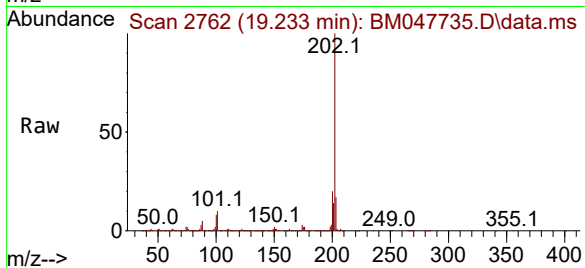




#80
Fluoranthene
Concen: 20.058 ng/ul
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

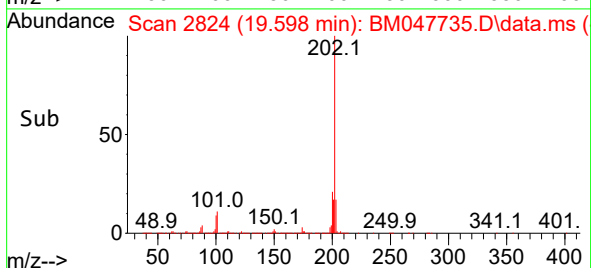
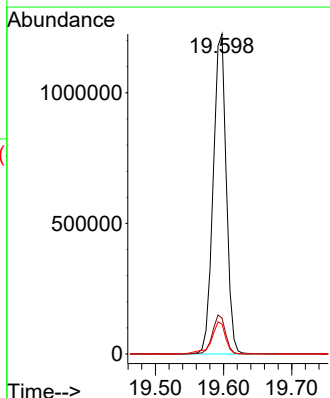
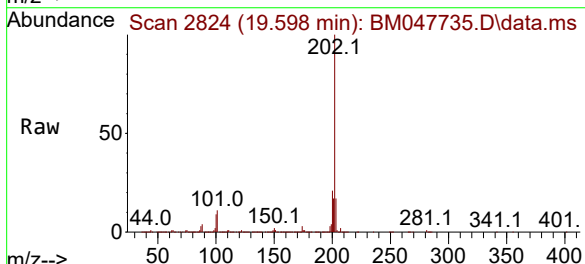
Instrument :
BNA_M
ClientSampleId :
SSTD020152

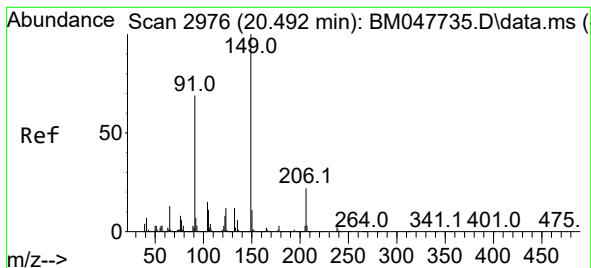
Tgt Ion:202 Resp: 1504270
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.6 6.8 10.2



#82
Pyrene
Concen: 19.581 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. 0.000 min
Lab File: BM047735.D
Acq: 01 Oct 2024 09:40

Tgt Ion:202 Resp: 1634453
Ion Ratio Lower Upper
202 100
101 11.2 10.9 16.3
100 9.3 9.4 14.2#





#83

Butylbenzylphthalate

Concen: 21.664 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

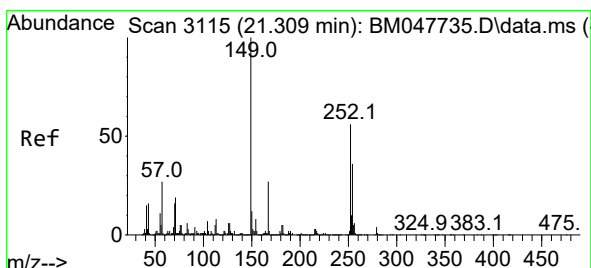
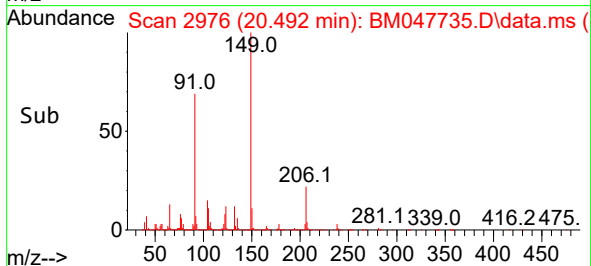
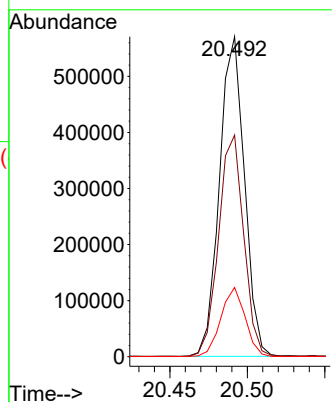
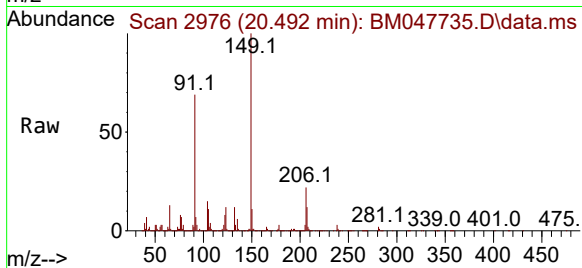
Tgt Ion:149 Resp: 639291

Ion Ratio Lower Upper

149 100

91 69.2 66.9 100.3

206 21.7 14.4 21.6#



#84

3,3'-Dichlorobenzidine

Concen: 21.268 ng/ul

RT: 21.309 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

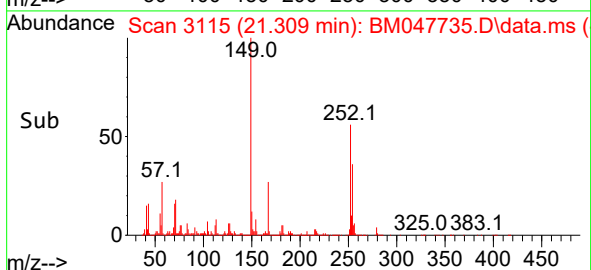
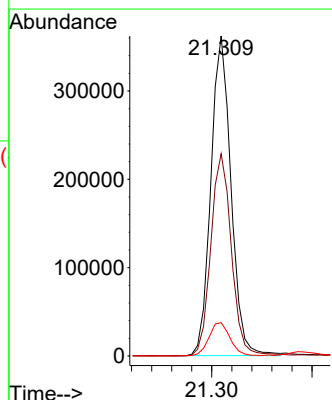
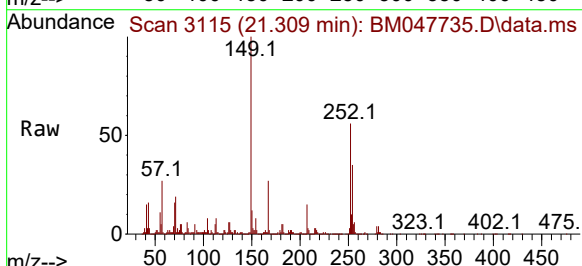
Tgt Ion:252 Resp: 504214

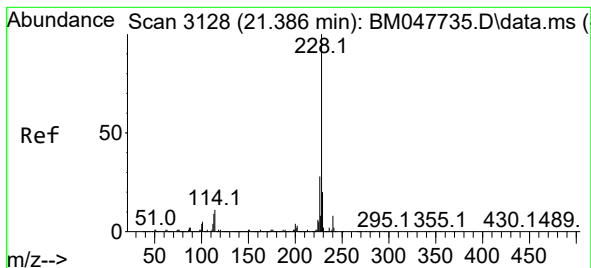
Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

126 10.4 9.4 14.0





#85

Benzo(a)anthracene

Concen: 19.963 ng/ul

RT: 21.386 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

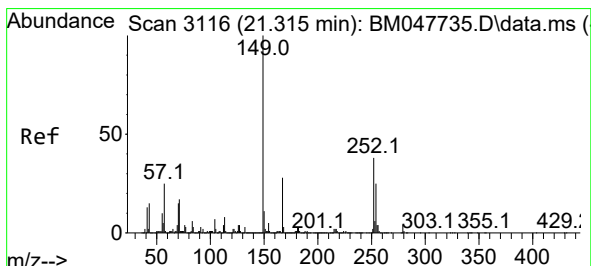
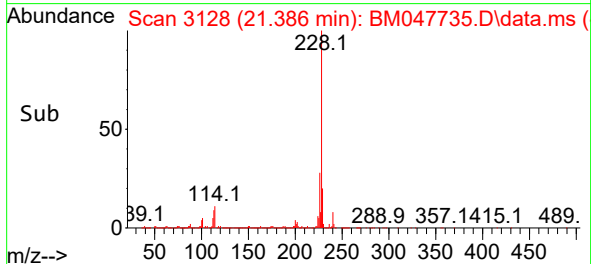
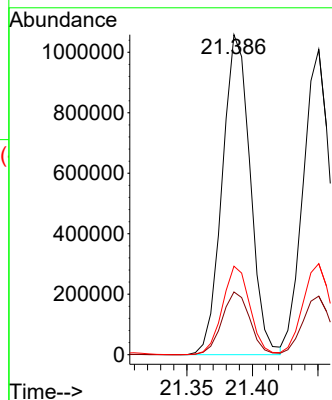
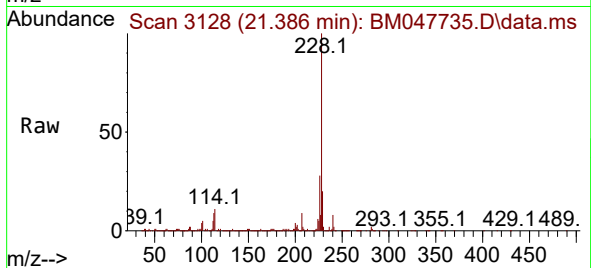
Tgt Ion:228 Resp: 1568264

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.957 ng/ul

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

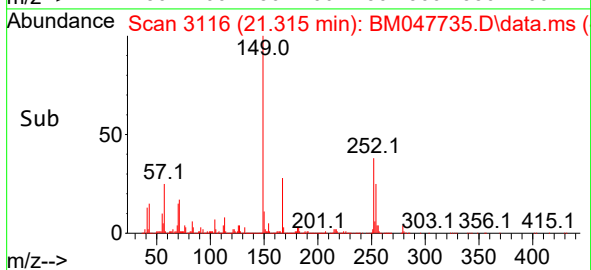
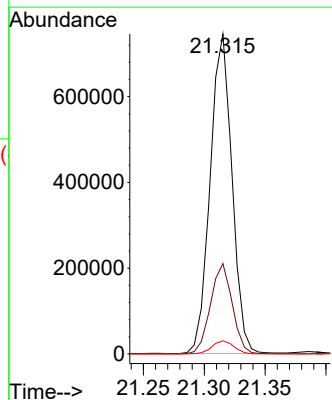
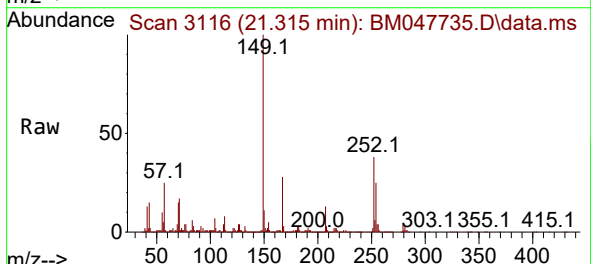
Tgt Ion:149 Resp: 928538

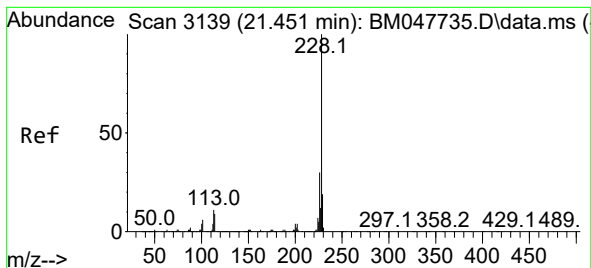
Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

279 4.1 2.7 4.1#





#87

Chrysene

Concen: 19.118 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

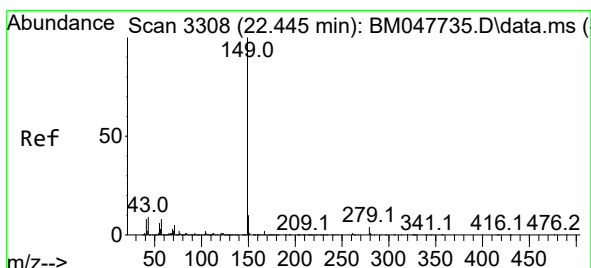
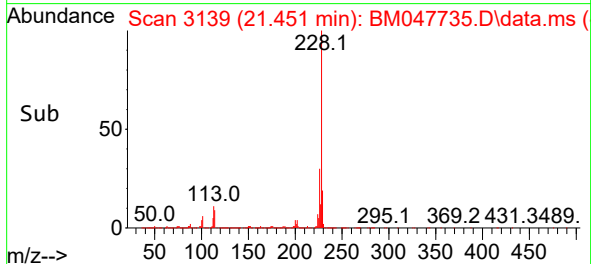
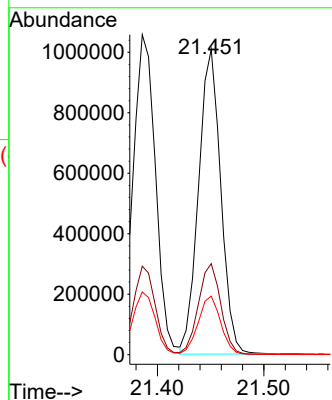
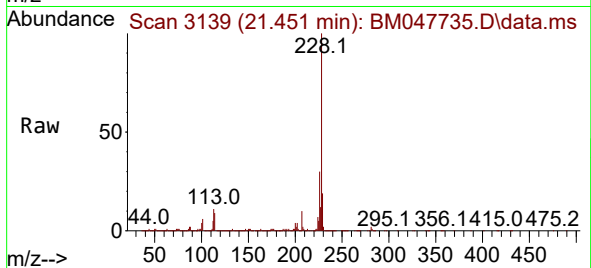
Tgt Ion:228 Resp: 1464187

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.2 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 19.045 ng/ul

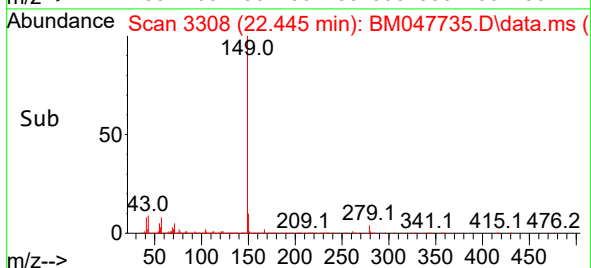
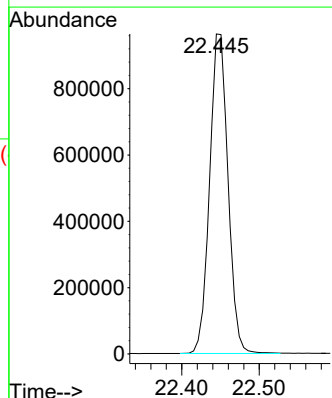
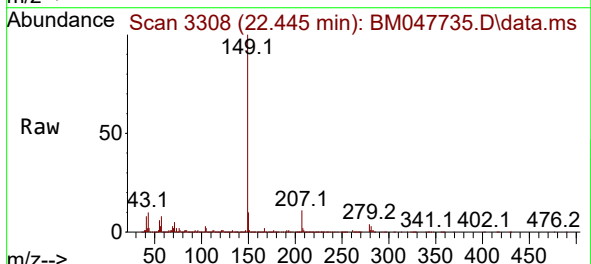
RT: 22.445 min Scan# 3308

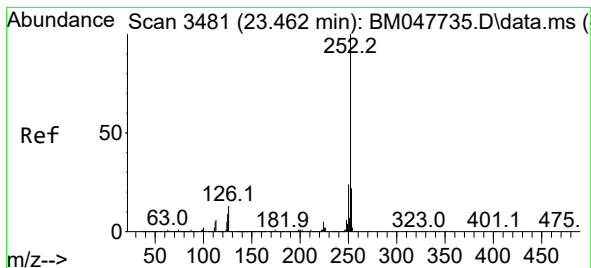
Delta R.T. -0.012 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Tgt Ion:149 Resp: 1588783





#90

Benzo(b)fluoranthene

Concen: 19.339 ng/ul

RT: 23.462 min Scan# 3481

Delta R.T. 0.000 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

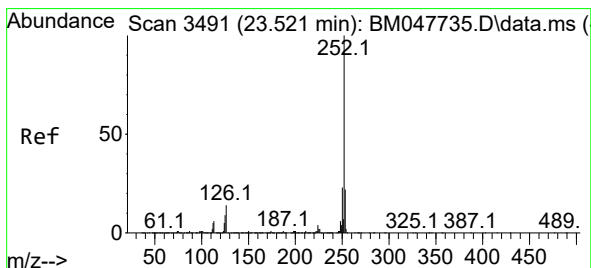
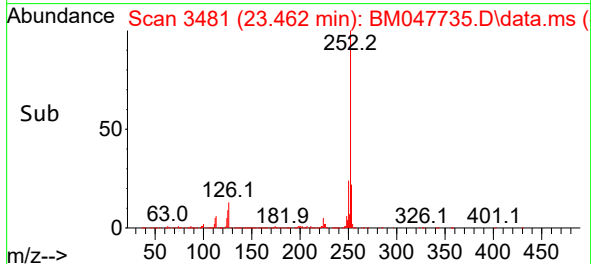
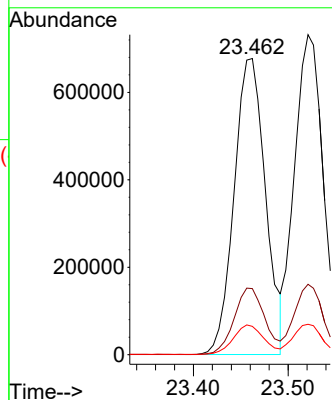
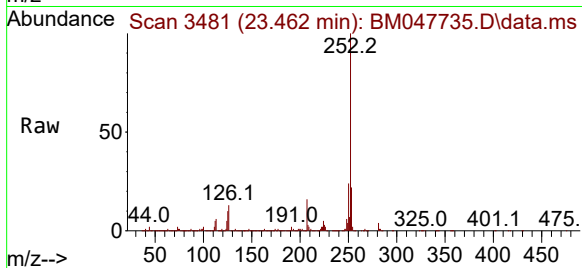
Tgt Ion:252 Resp: 1559880

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 9.5 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 18.672 ng/ul

RT: 23.521 min Scan# 3491

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

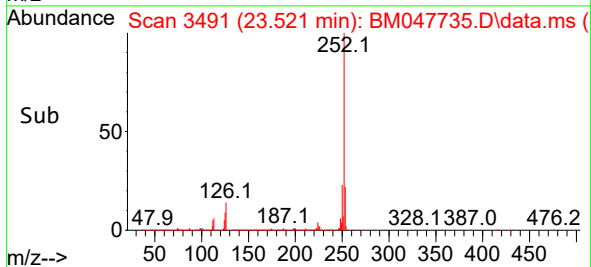
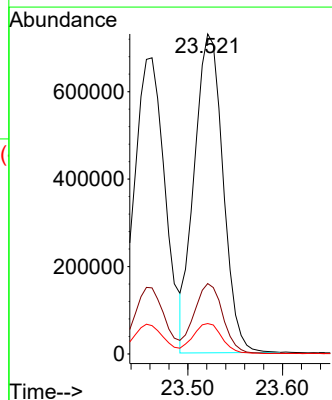
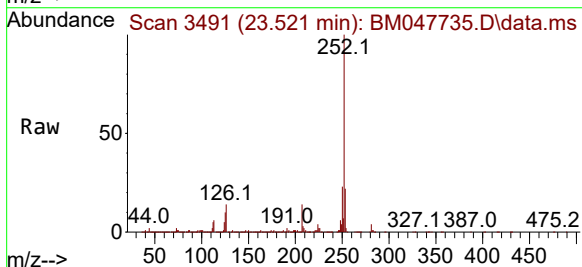
Tgt Ion:252 Resp: 1540002

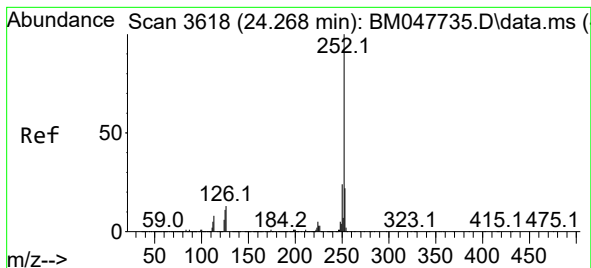
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 19.171 ng/ul

RT: 24.268 min Scan# 3618

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

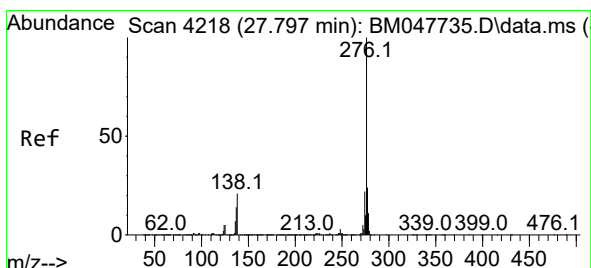
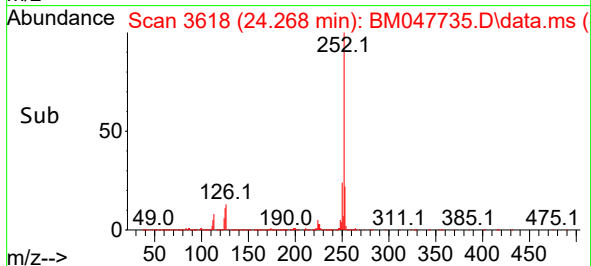
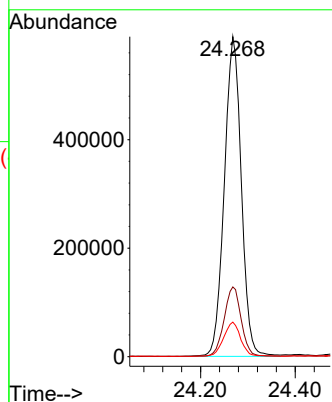
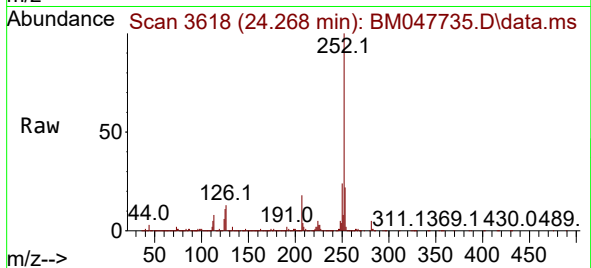
Tgt Ion:252 Resp: 1468532

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.8 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.341 ng/ul

RT: 27.797 min Scan# 4218

Delta R.T. -0.012 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

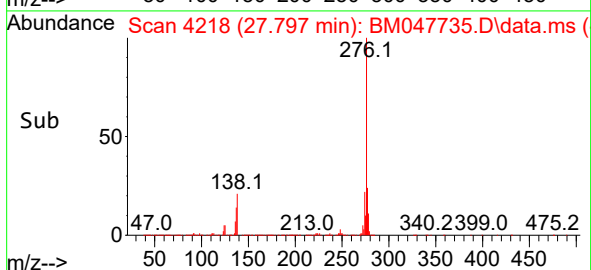
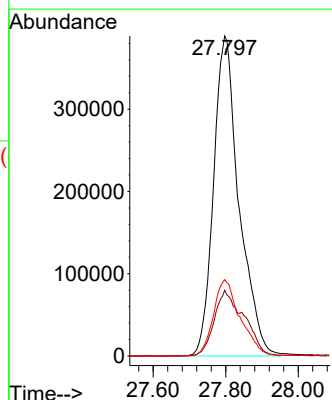
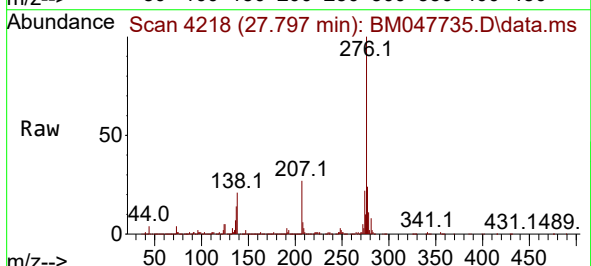
Tgt Ion:276 Resp: 1898682

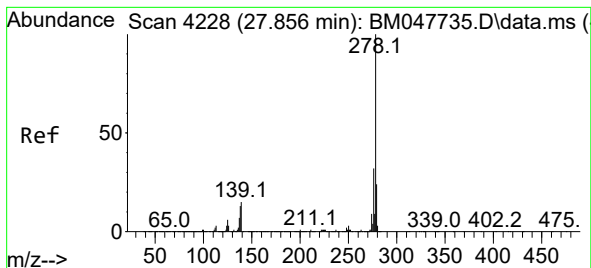
Ion Ratio Lower Upper

276 100

138 20.5 16.9 25.3

277 23.9 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 19.034 ng/ul

RT: 27.856 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD020152

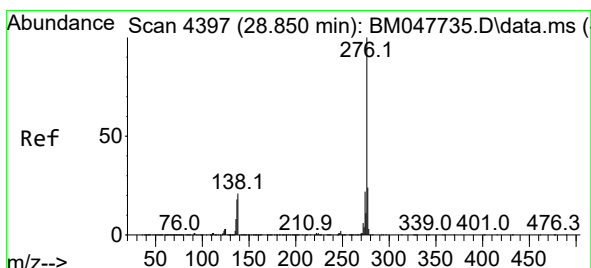
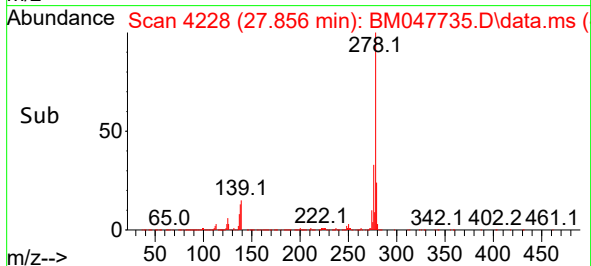
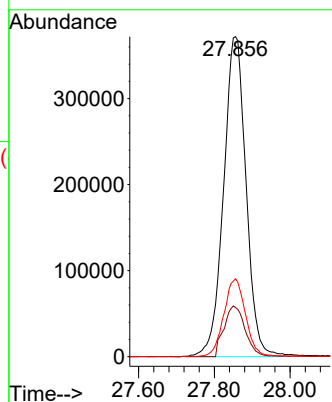
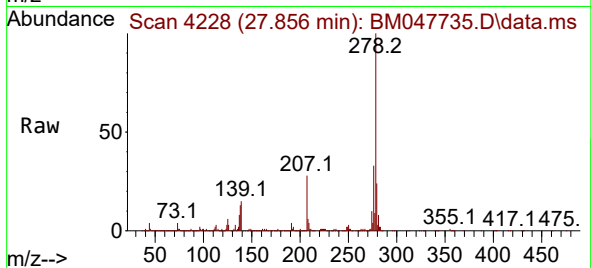
Tgt Ion:278 Resp: 1531290

Ion Ratio Lower Upper

278 100

139 15.4 13.4 20.2

279 24.4 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 19.203 ng/ul

RT: 28.850 min Scan# 4397

Delta R.T. -0.012 min

Lab File: BM047735.D

Acq: 01 Oct 2024 09:40

Tgt Ion:276 Resp: 1476955

Ion Ratio Lower Upper

276 100

138 21.2 18.7 28.1

277 24.0 18.3 27.5

