

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
 Data File : BM048517.D
 Acq On : 07 Nov 2024 18:37
 Operator : RC/JU
 Sample : SSTD16059
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160046

Quant Time: Nov 07 22:23:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:15:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	147626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	611909	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	369757	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.062	188	760432	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	643324	20.000	ng/u1	0.00
88) Perylene-d12	24.197	264	780993	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	224588	59.895	ng/uL	0.00
4) Pyridine-d5	3.540	84	1599621	147.175	ng/u1	0.00
7) Phenol-d5	6.857	99	1817537	143.309	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.010	67	1057032	134.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	1552282	150.504	ng/u1	0.01
15) 4-Methylphenol-d8	8.398	113	1452028	142.601	ng/u1	0.02
21) Nitrobenzene-d5	8.834	128	756602	150.814	ng/u1	0.01
24) 2-Nitrophenol-d4	9.551	143	863414	158.868	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.086	165	1419217	143.101	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	2000330	145.255	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	3683129	133.290	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	4294572	137.840	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	784830	155.312	ng/u1	0.02
60) Fluorene-d10	15.316	176	3015454	129.148	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	693472	137.993	ng/u1	0.02
73) Anthracene-d10	17.168	188	4625099	128.625	ng/u1	0.01
81) Pyrene-d10	19.462	212	5301862	135.810	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.015	264	5771781	140.115	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	246647	62.222	ng/uL	95
5) Pyridine	3.563	79	1631950	146.507	ng/u1	96
6) Benzaldehyde	6.816	77	566333	90.226	ng/u1	95
8) Phenol	6.887	94	1875998	142.031	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.104	93	1464692	138.804	ng/u1	97
12) 2-Chlorophenol	7.240	128	1565852	147.873	ng/u1	98
13) 2-Methylphenol	8.122	108	1416537	142.561	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.192	45	2036059	126.245	ng/u1	98
16) Acetophenone	8.498	105	2109458	131.534	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.510	70	1000003	121.575	ng/u1	98
18) 4-Methylphenol	8.469	108	1529317	139.453	ng/u1	97
19) Hexachloroethane	8.739	117	637222	142.750	ng/u1	99
22) Nitrobenzene	8.875	77	1605506	137.722	ng/u1	95
23) Isophorone	9.410	82	3005792	133.051	ng/u1	98
25) 2-Nitrophenol	9.581	139	896048	150.415	ng/u1	98
26) 2,4-Dimethylphenol	9.651	107	1509485	138.027	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	1870544	133.501	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	1396334	137.597	ng/u1	97
30) Naphthalene	10.510	128	4516390	132.149	ng/u1	99
32) 4-Chloroaniline	10.628	127	1873690	140.422	ng/u1	100
33) Hexachlorobutadiene	10.792	225	886283	131.064	ng/u1	98
34) Caprolactam	11.451	113	262591	81.133	ng/u1	91
35) 4-Chloro-3-methylphenol	11.775	107	1441643	141.190	ng/u1	98
36) 2-Methylnaphthalene	12.127	142	3001035	130.270	ng/u1	99

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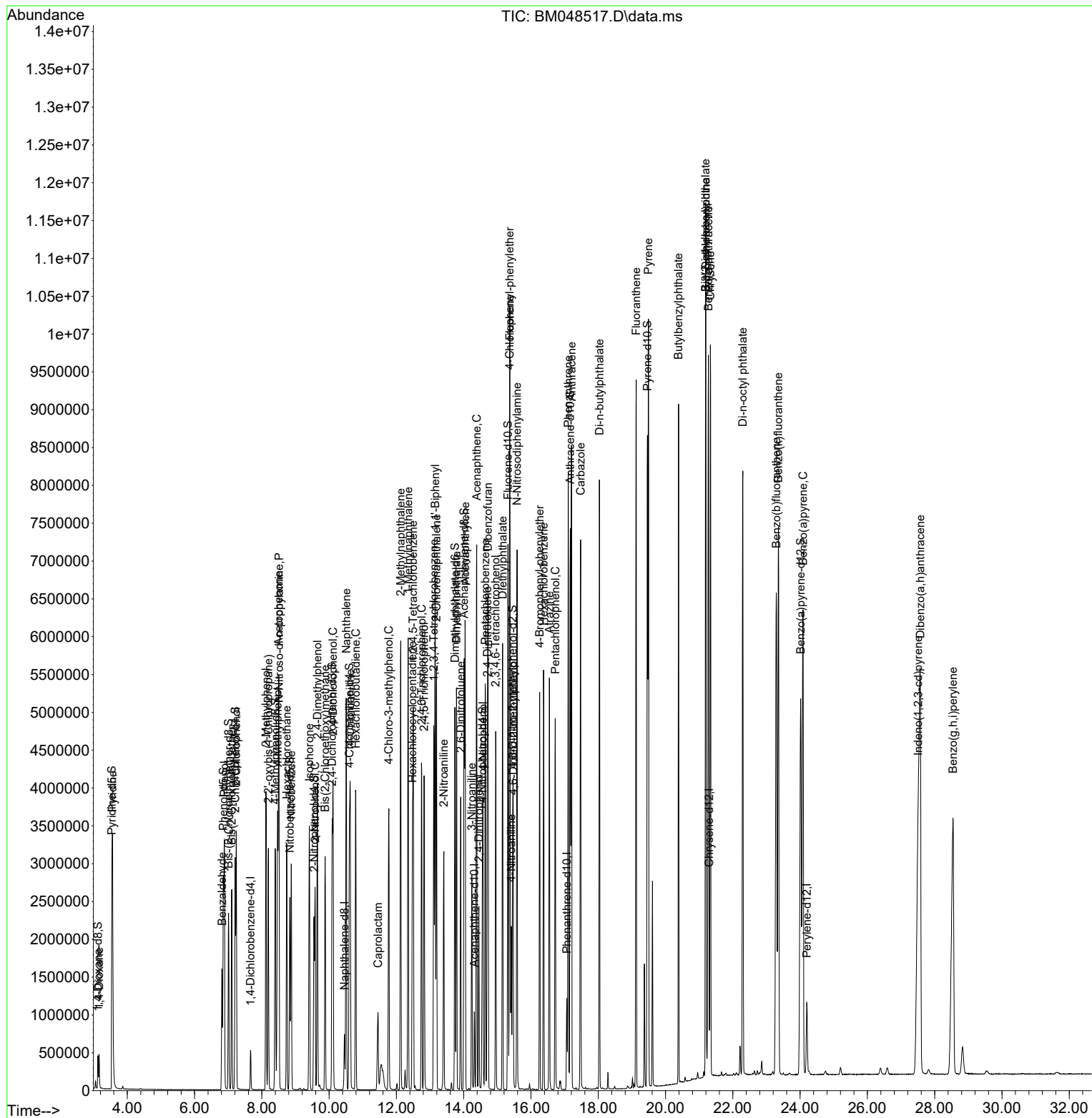
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	3030871	129.696	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	1579994	134.968	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	950309	135.614	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	1114802	147.537	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	1205504	151.050	ng/ul	97
43) 1,1'-Biphenyl	13.151	154	3678321	129.704	ng/ul	99
44) 2-Chloronaphthalene	13.192	162	2959834	134.686	ng/ul	98
45) 2-Nitroaniline	13.410	65	908578	149.388	ng/ul	92
47) Dimethylphthalate	13.786	163	3643442	131.471	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	839910	155.871	ng/ul	95
50) Acenaphthylene	14.045	152	4453793	130.869	ng/ul	99
51) 3-Nitroaniline	14.239	138	818767	144.350	ng/ul	96
52) Acenaphthene	14.386	153	3094089	128.123	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	559425	152.642	ng/ul	91
55) 4-Nitrophenol	14.574	109	561672	152.263	ng/ul	95
56) Dibenzofuran	14.721	168	4111161	123.740	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	1143747	145.186	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	961447	140.511	ng/ul	99
59) Diethylphthalate	15.157	149	3627173	130.096	ng/ul	99
61) Fluorene	15.374	166	3078871	116.378	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	1529044	115.129	ng/ul	97
63) 4-Nitroaniline	15.416	138	691626	134.665	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.474	198	726634	134.877	ng/ul#	90
67) N-Nitrosodiphenylamine	15.586	169	2844774	125.297	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	1070529	129.033	ng/ul	95
69) Hexachlorobenzene	16.374	284	1249249	125.847	ng/ul	97
70) Atrazine	16.545	200	1112412	143.105	ng/ul	98
71) Pentachlorophenol	16.721	266	902131	143.631	ng/ul	98
72) Phenanthrene	17.110	178	5325248	126.469	ng/ul	99
74) Anthracene	17.204	178	5243938	124.423	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	1585380	131.740	ng/ul	98
76) Pentachlorobenzene	14.645	250	1471807	120.178	ng/ul	98
77) Carbazole	17.474	167	4973184	134.389	ng/ul	99
78) Di-n-butylphthalate	18.033	149	6250906	128.541	ng/ul	100
80) Fluoranthene	19.127	202	6121688	134.767	ng/ul	98
82) Pyrene	19.492	202	6263203	128.599	ng/ul	96
83) Butylbenzylphthalate	20.386	149	2907751	144.473	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.197	252	1542706	109.904	ng/ul	98
85) Benzo(a)anthracene	21.274	228	6321091	136.248	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	3886019	133.990	ng/ul	99
87) Chrysene	21.333	228	5784121	132.584	ng/ul	98
89) Di-n-octyl phthalate	22.297	149	7521733	128.735	ng/ul	100
90) Benzo(b)fluoranthene	23.291	252	6797124	136.380	ng/ul	99
91) Benzo(k)fluoranthene	23.356	252	6397032	128.193	ng/ul	99
93) Benzo(a)pyrene	24.086	252	6171098	136.106	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.509	276	8406297	153.949	ng/ul	99
95) Dibenzo(a,h)anthracene	27.574	278	6590129	147.568	ng/ul	100
96) Benzo(g,h,i)perylene	28.544	276	6657599	158.879	ng/ul	99

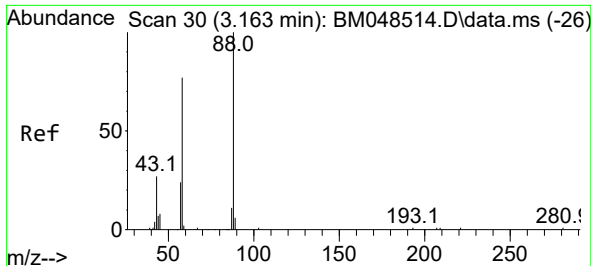
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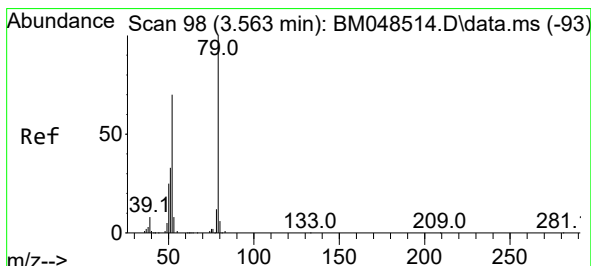
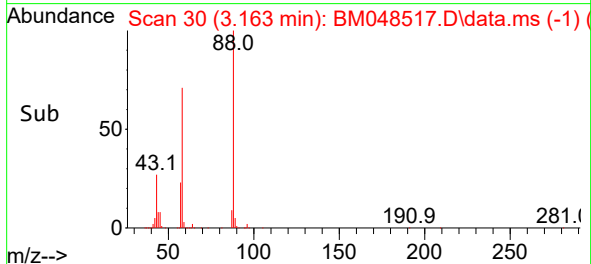
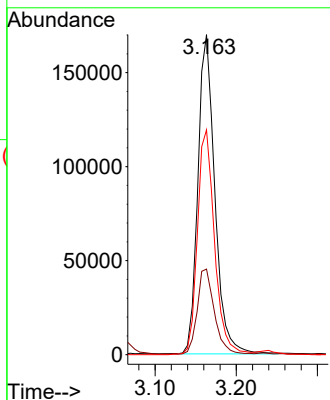
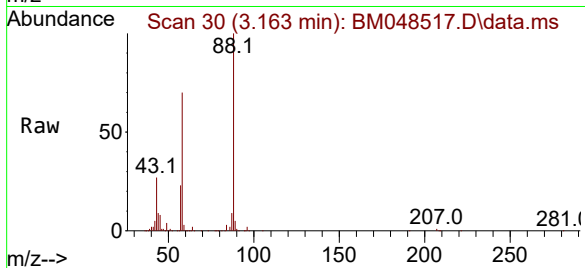




#2
1,4-Dioxane
Concen: 62.222 ng/uL
RT: 3.163 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

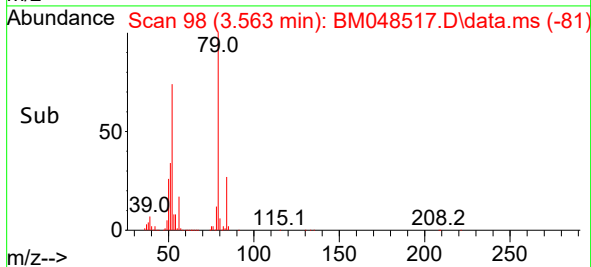
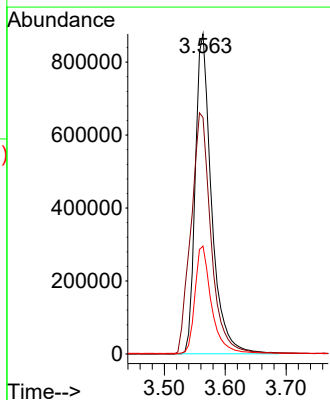
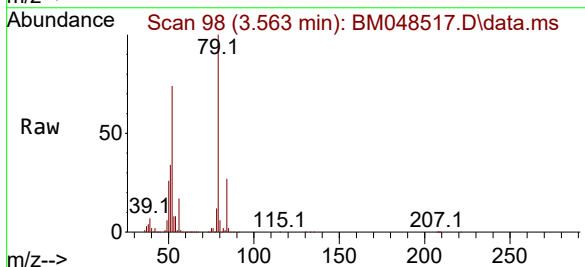
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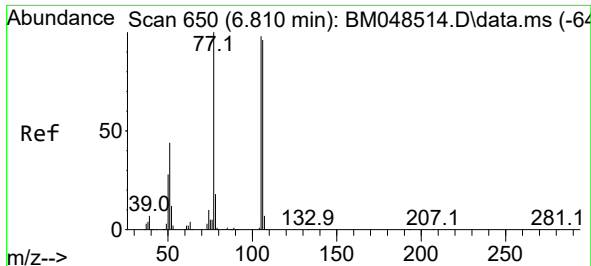
Tgt Ion: 88 Resp: 246647
Ion Ratio Lower Upper
88 100
43 26.7 22.1 33.1
58 70.2 60.7 91.1



#5
Pyridine
Concen: 146.507 ng/uL
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 79 Resp: 1631950
Ion Ratio Lower Upper
79 100
52 73.9 62.6 94.0
51 33.7 27.8 41.8

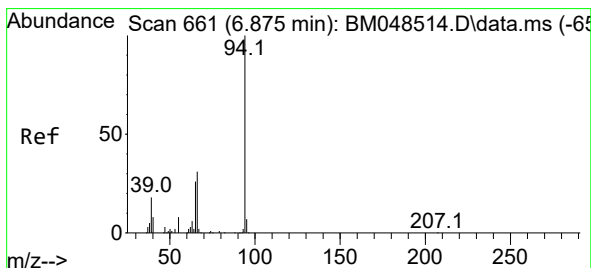
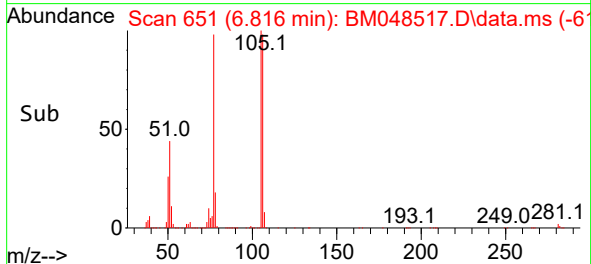
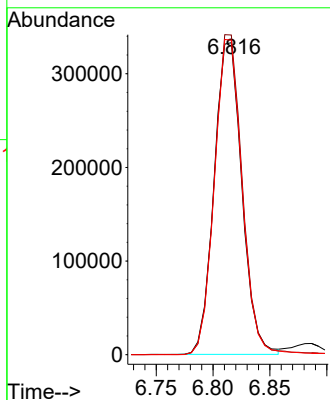
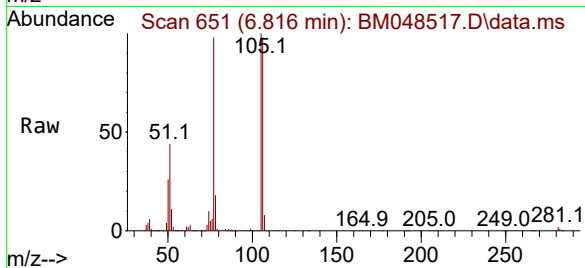




#6
Benzaldehyde
Concen: 90.226 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

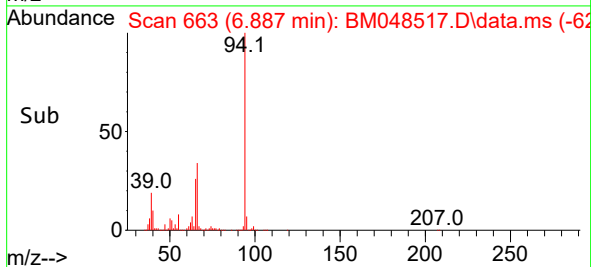
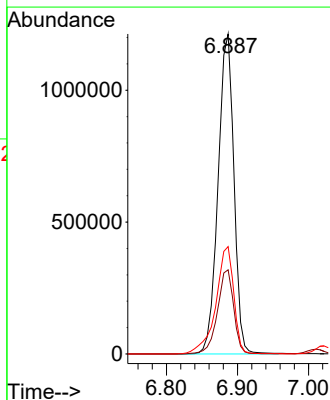
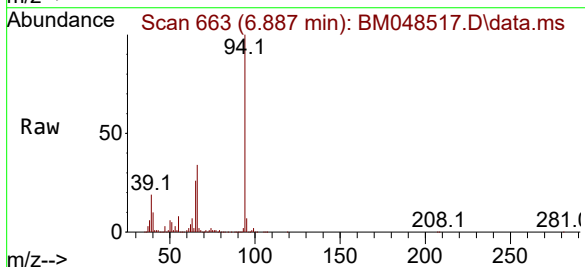
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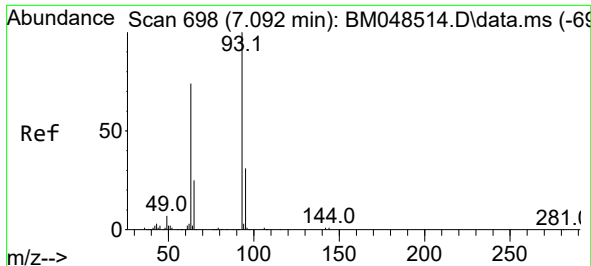
Tgt Ion: 77 Resp: 566333
Ion Ratio Lower Upper
77 100
105 102.5 78.0 117.0
106 100.8 76.6 115.0



#8
Phenol
Concen: 142.031 ng/ul
RT: 6.887 min Scan# 663
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 94 Resp: 1875998
Ion Ratio Lower Upper
94 100
65 26.3 20.8 31.2
66 33.6 26.1 39.1

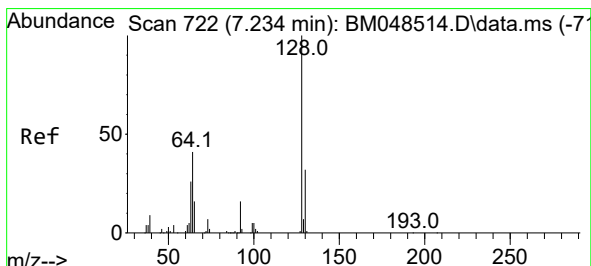
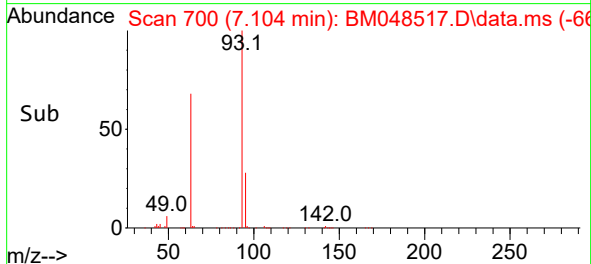
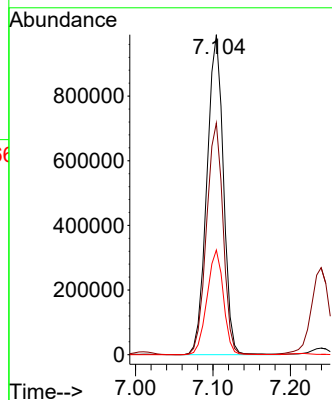
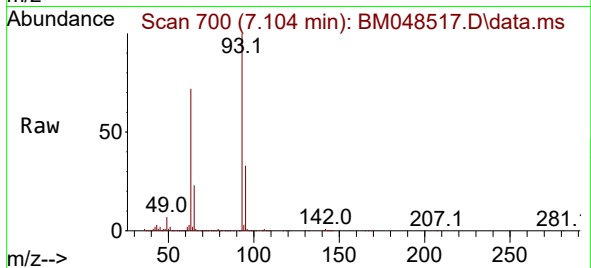




#10
Bis(2-Chloroethyl)ether
Concen: 138.804 ng/ul
RT: 7.104 min Scan# 700
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

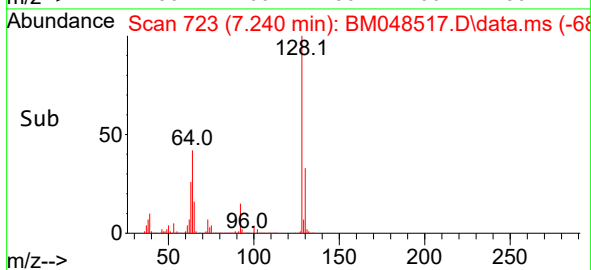
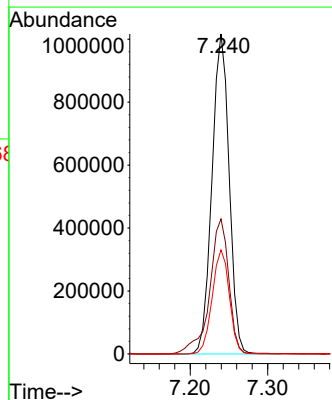
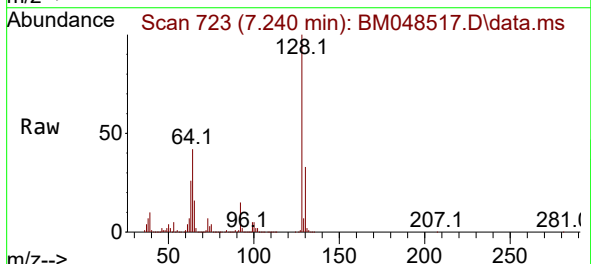
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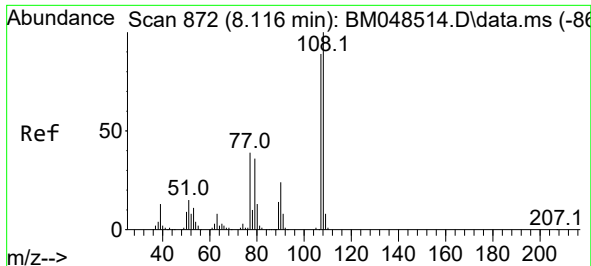
Tgt Ion: 93 Resp: 1464692
Ion Ratio Lower Upper
93 100
63 72.4 59.6 89.4
95 32.7 25.0 37.6



#12
2-Chlorophenol
Concen: 147.873 ng/ul
RT: 7.240 min Scan# 723
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:128 Resp: 1565852
Ion Ratio Lower Upper
128 100
64 42.2 35.2 52.8
130 32.5 25.8 38.6

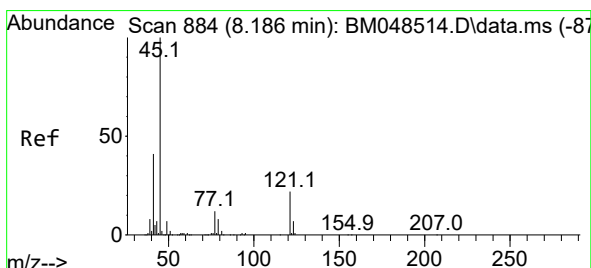
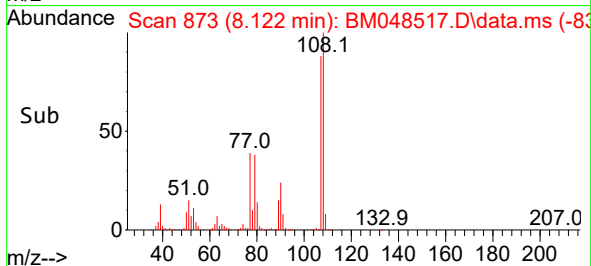
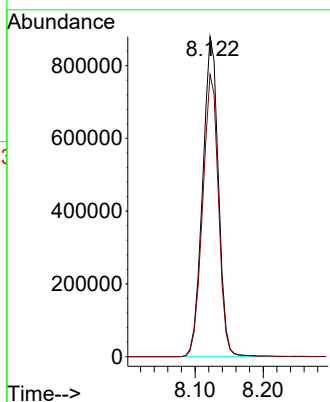
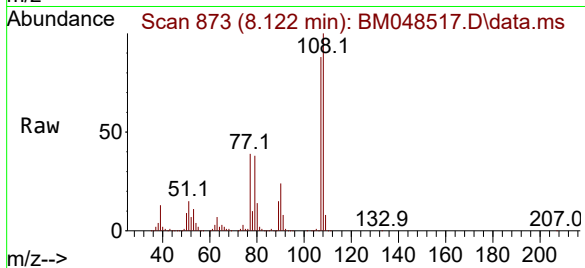




#13
2-Methylphenol
Concen: 142.561 ng/ul
RT: 8.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

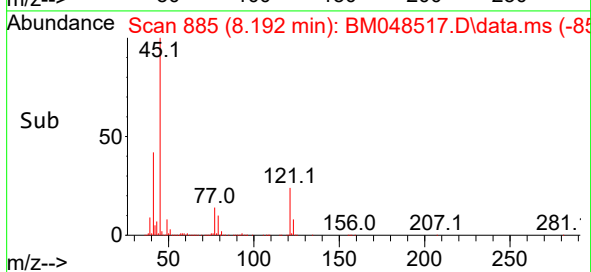
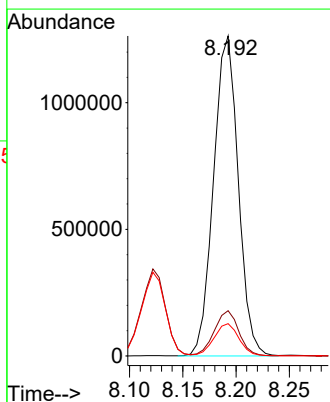
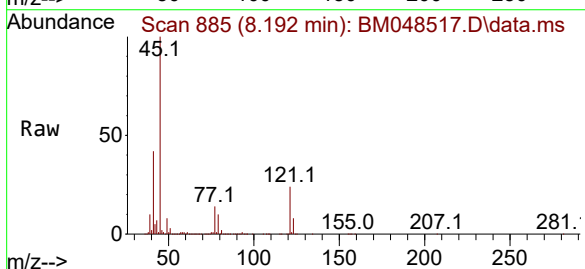
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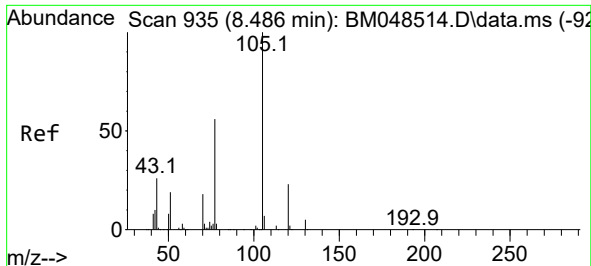
Tgt Ion:108 Resp: 1416537
Ion Ratio Lower Upper
108 100
107 88.2 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 126.245 ng/ul
RT: 8.192 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 45 Resp: 2036059
Ion Ratio Lower Upper
45 100
77 14.2 10.6 16.0
79 10.1 7.4 11.2

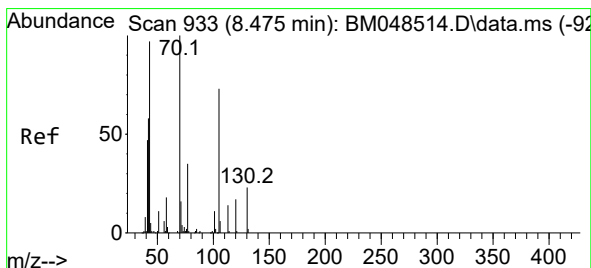
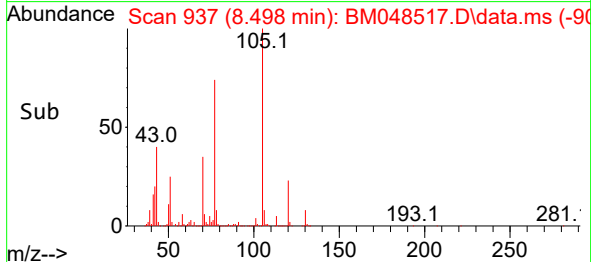
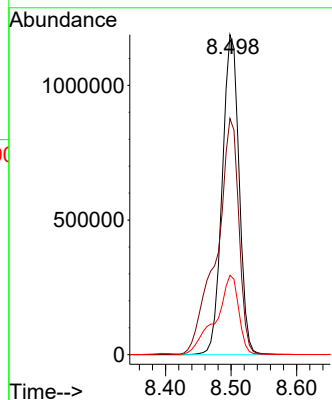
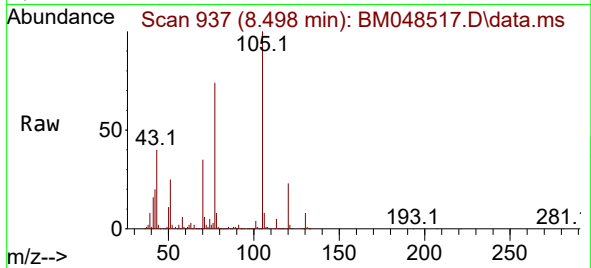




#16
Acetophenone
Concen: 131.534 ng/ul
RT: 8.498 min Scan# 91
Delta R.T. 0.012 min
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Acq: 07 Nov 2024 18:37

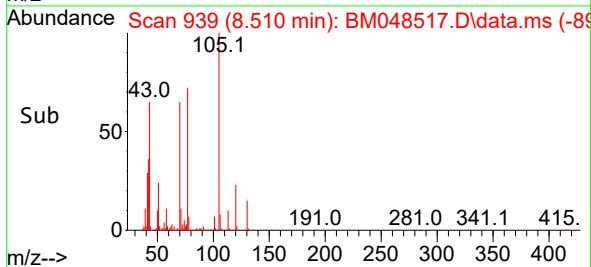
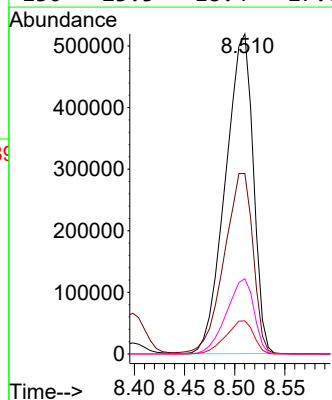
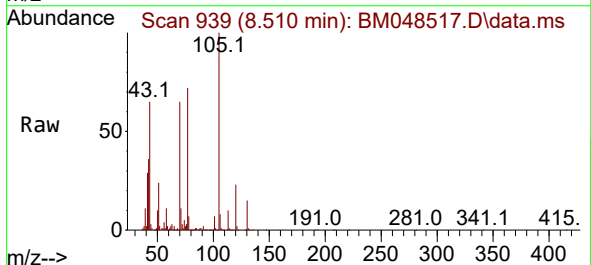
Instrument :
BNA_M
ClientSampleId :
SSTD160046

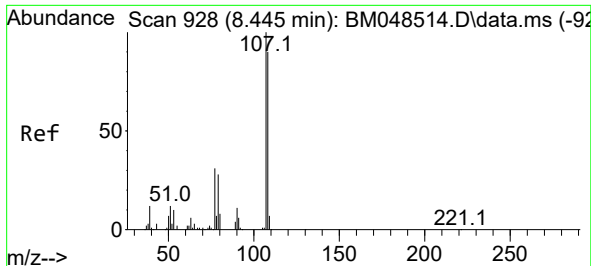
Tgt Ion:105 Resp: 2109458
Ion Ratio Lower Upper
105 100
77 73.8 59.7 89.5
51 24.8 20.6 31.0



#17
N-Nitroso-di-n-propylamine
Concen: 121.575 ng/ul
RT: 8.510 min Scan# 939
Delta R.T. 0.035 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 70 Resp: 1000003
Ion Ratio Lower Upper
70 100
42 56.4 47.0 70.4
101 10.4 8.5 12.7
130 23.5 18.4 27.6

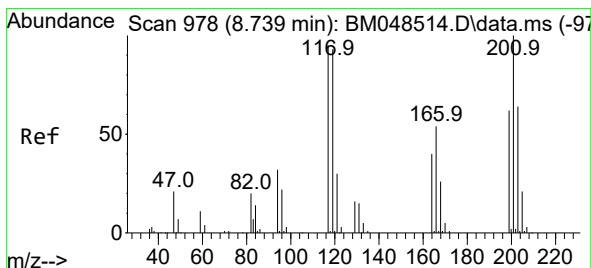
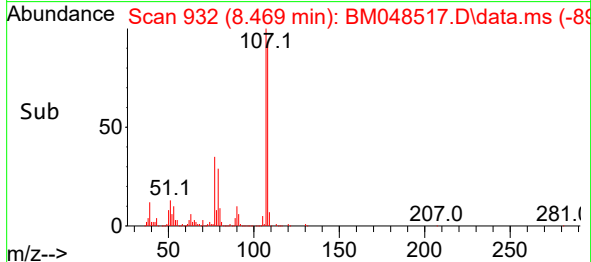
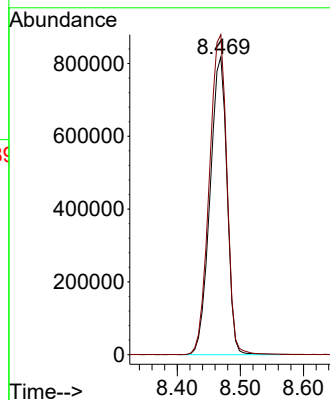
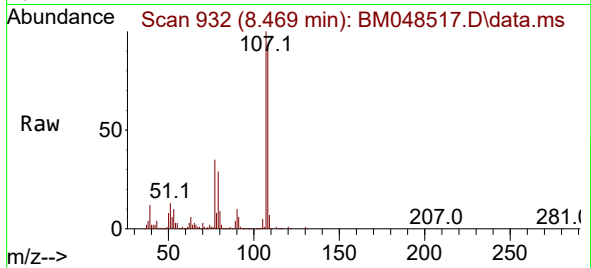




#18
4-Methylphenol
Concen: 139.453 ng/ul
RT: 8.469 min Scan# 912
Delta R.T. 0.024 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

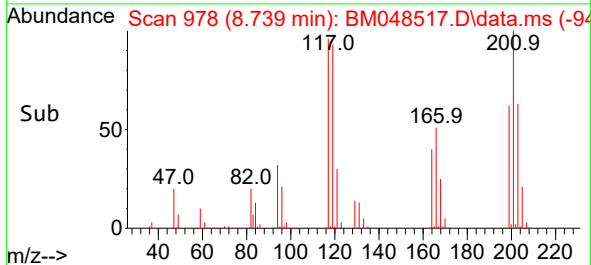
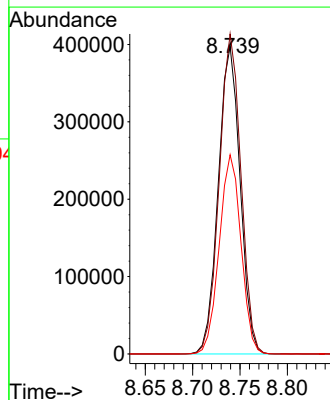
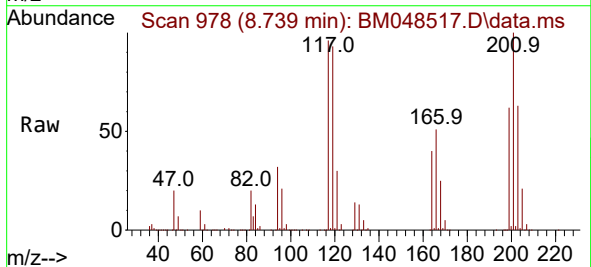
Instrument :
BNA_M
ClientSampleId :
SSTD160046

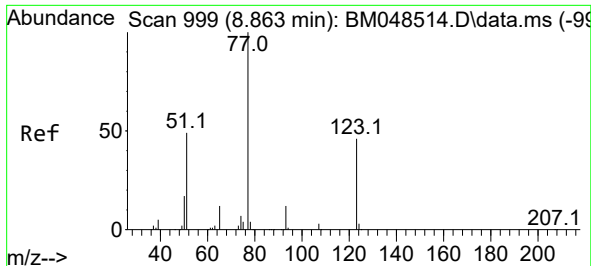
Tgt Ion:108 Resp: 1529317
Ion Ratio Lower Upper
108 100
107 107.5 88.8 133.2



#19
Hexachloroethane
Concen: 142.750 ng/ul
RT: 8.739 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:117 Resp: 637222
Ion Ratio Lower Upper
117 100
201 104.1 83.8 125.8
199 64.8 52.1 78.1

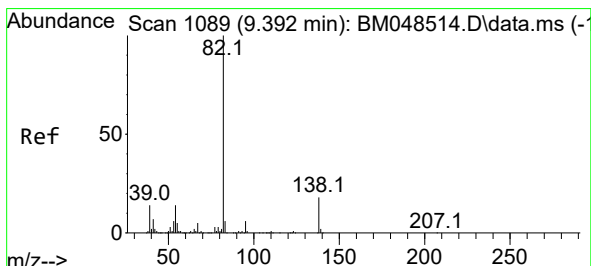
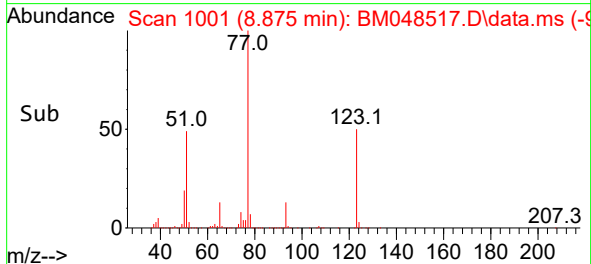
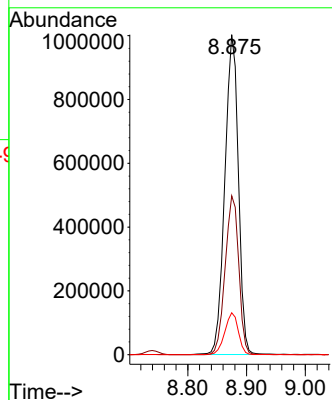
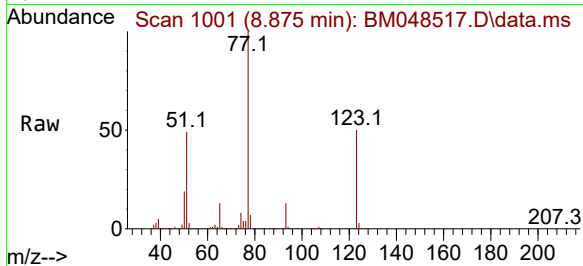




#22
Nitrobenzene
Concen: 137.722 ng/ul
RT: 8.875 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

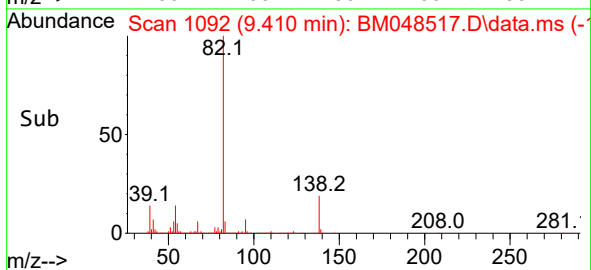
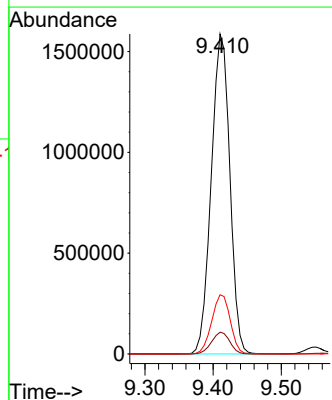
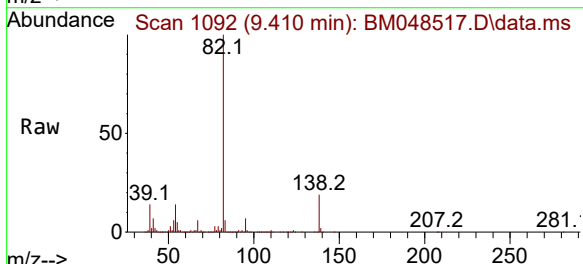
Instrument :
BNA_M
ClientSampleId :
SSTD160046

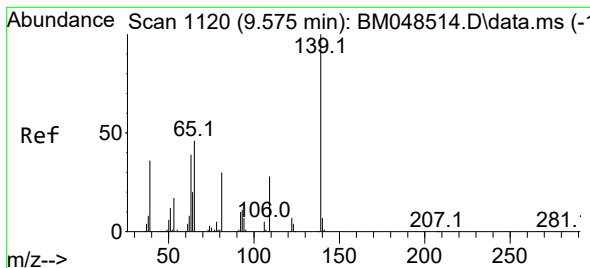
Tgt Ion: 77 Resp: 1605506
Ion Ratio Lower Upper
77 100
123 49.6 36.6 55.0
65 13.1 9.5 14.3



#23
Isophorone
Concen: 133.051 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. 0.018 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 82 Resp: 3005792
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.6
138 18.5 14.2 21.4

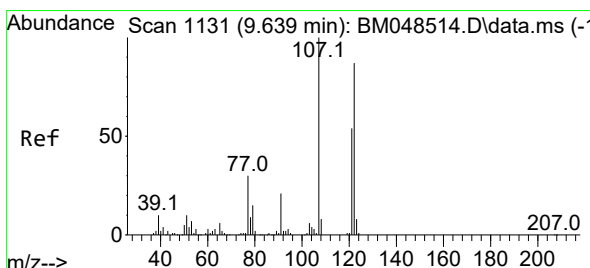
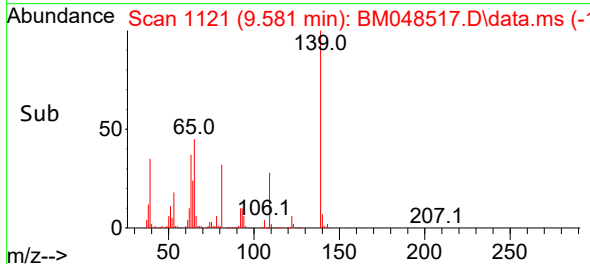
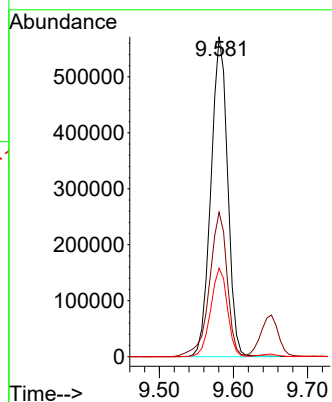
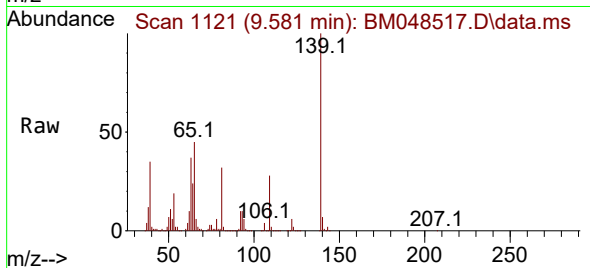




#25
2-Nitrophenol
Concen: 150.415 ng/ul
RT: 9.581 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

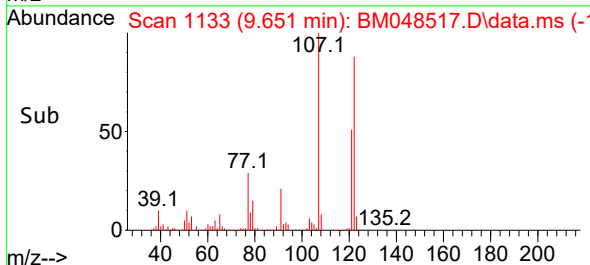
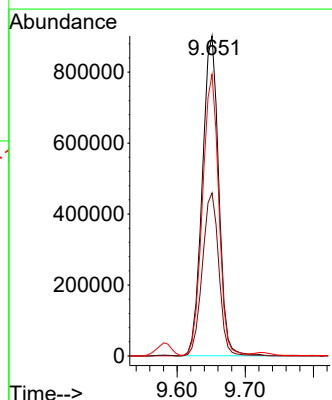
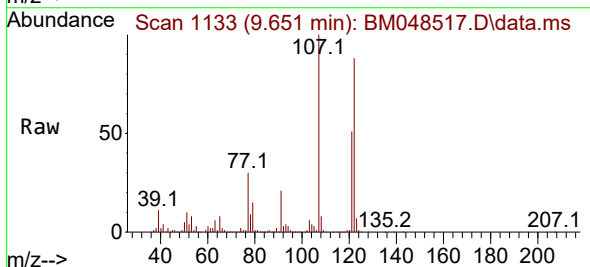
Instrument :
BNA_M
ClientSampleId :
SSTD160046

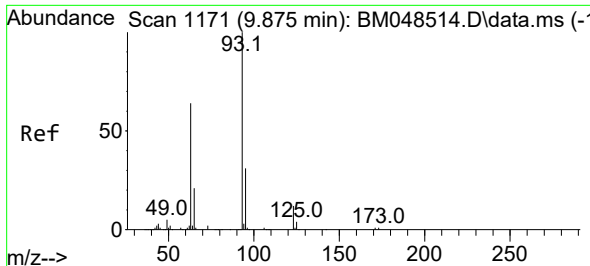
Tgt Ion:139 Resp: 896048
Ion Ratio Lower Upper
139 100
65 45.1 37.7 56.5
109 27.7 22.3 33.5



#26
2,4-Dimethylphenol
Concen: 138.027 ng/ul
RT: 9.651 min Scan# 1133
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:107 Resp: 1509485
Ion Ratio Lower Upper
107 100
121 50.9 42.9 64.3
122 88.0 69.8 104.8

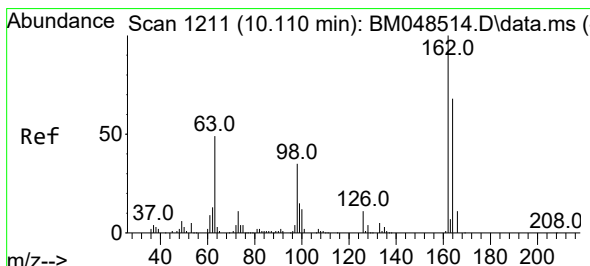
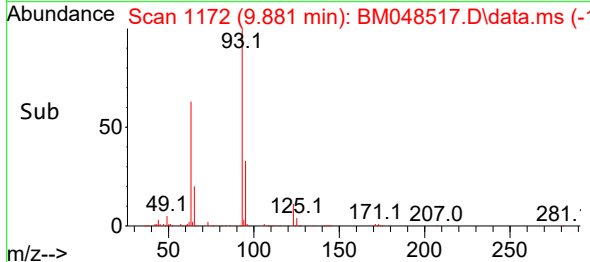
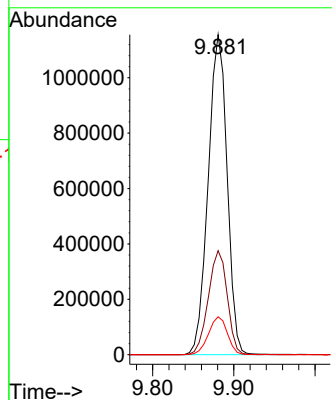
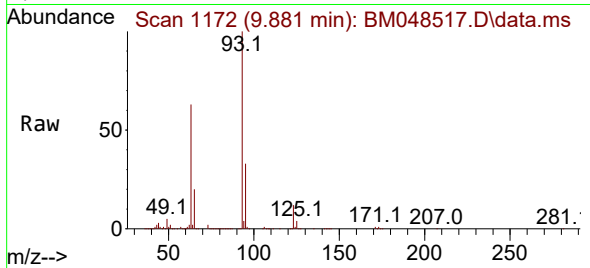




#27
 Bis(2-Chloroethoxy)methane
 Concen: 133.501 ng/ul
 RT: 9.881 min Scan# 1171
 Delta R.T. 0.006 min
 Lab File: BM048517.D
 Acq: 07 Nov 2024 18:37

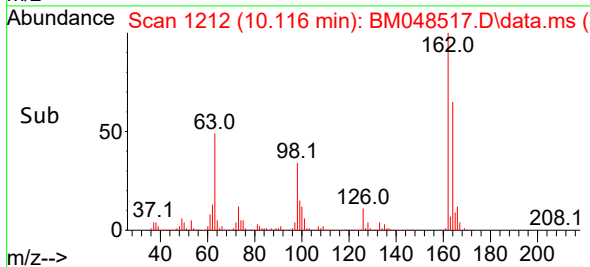
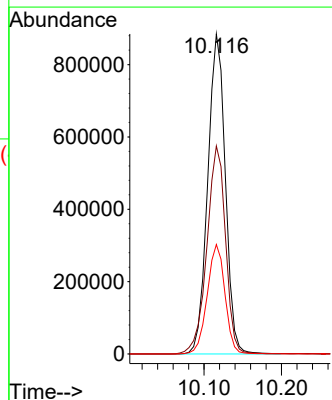
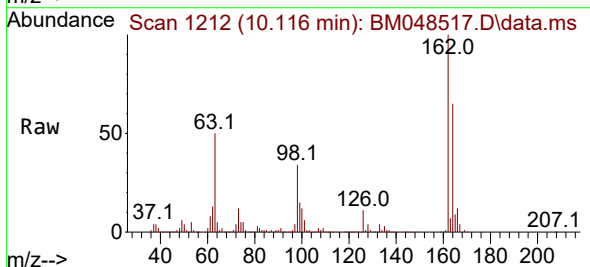
Instrument :
 BNA_M
 ClientSampleId :
 SSTD160046

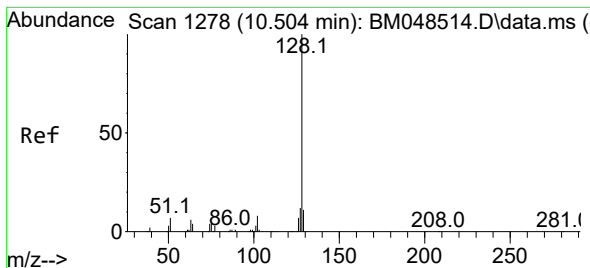
Tgt Ion: 93 Resp: 1870544
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.3 37.9
 123 11.8 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 137.597 ng/ul
 RT: 10.116 min Scan# 1212
 Delta R.T. 0.006 min
 Lab File: BM048517.D
 Acq: 07 Nov 2024 18:37

Tgt Ion:162 Resp: 1396334
 Ion Ratio Lower Upper
 162 100
 164 65.0 54.6 82.0
 98 34.2 28.2 42.2

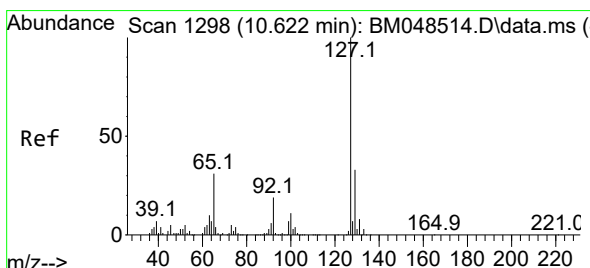
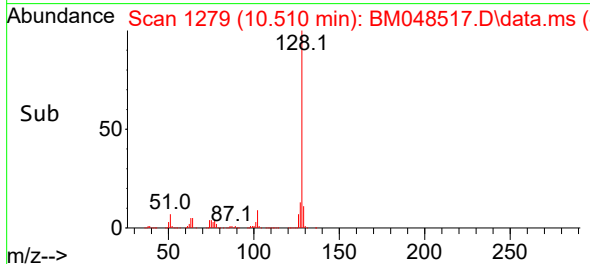
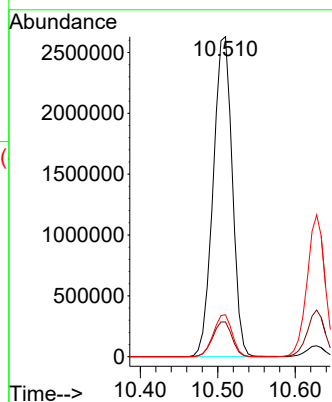
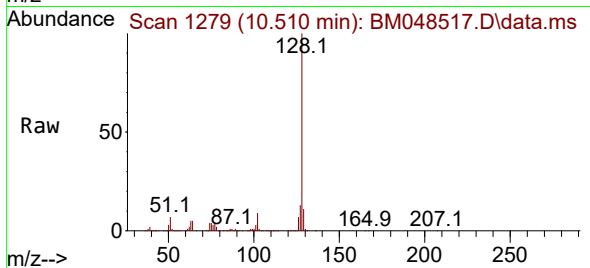




#30
Naphthalene
Concen: 132.149 ng/ul
RT: 10.510 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

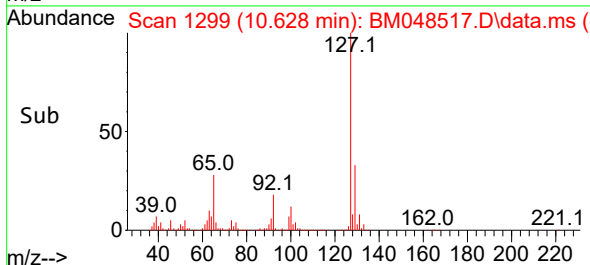
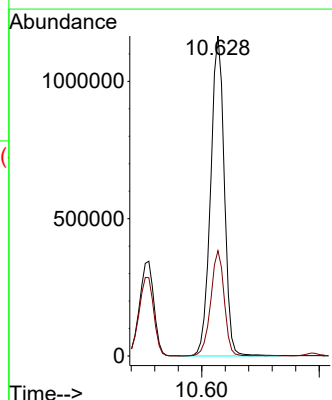
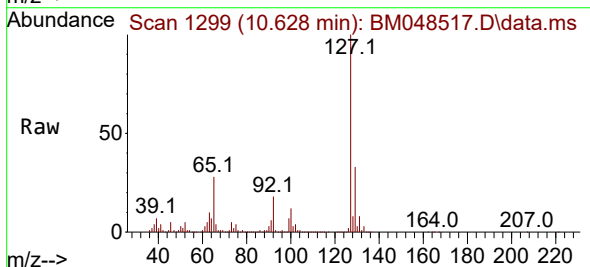
Instrument :
BNA_M
ClientSampleId :
SSTD160046

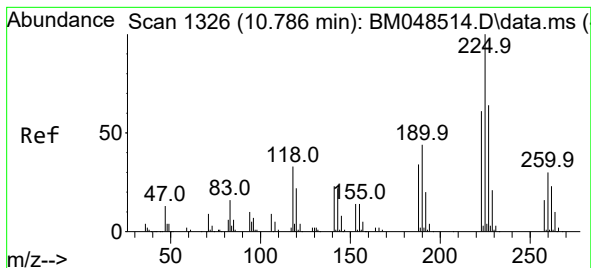
Tgt Ion:128 Resp: 4516390
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.0 15.0



#32
4-Chloroaniline
Concen: 140.422 ng/ul
RT: 10.628 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:127 Resp: 1873690
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4





#33

Hexachlorobutadiene

Concen: 131.064 ng/ul

RT: 10.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

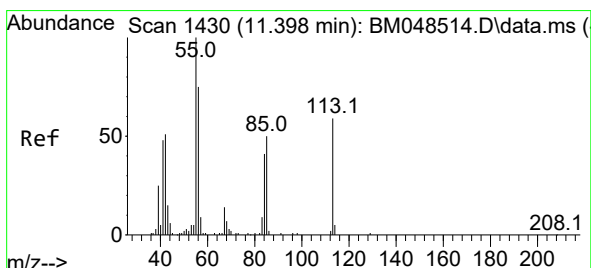
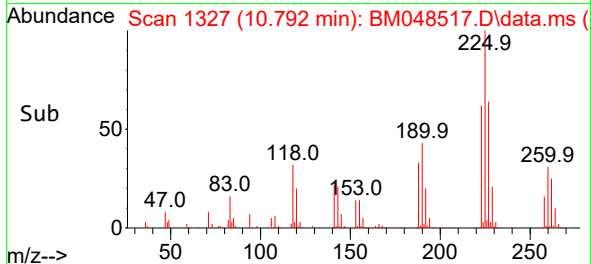
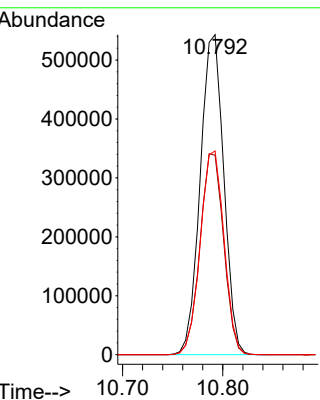
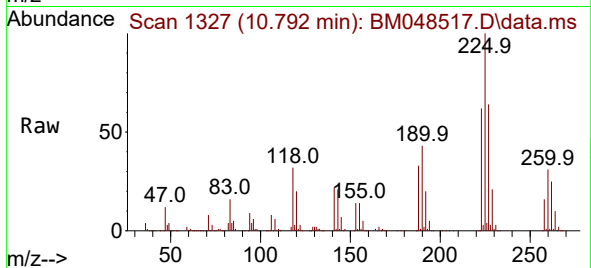
Tgt Ion:225 Resp: 886283

Ion Ratio Lower Upper

225 100

223 62.4 48.5 72.7

227 63.6 51.5 77.3



#34

Caprolactam

Concen: 81.133 ng/ul

RT: 11.451 min Scan# 1439

Delta R.T. 0.053 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

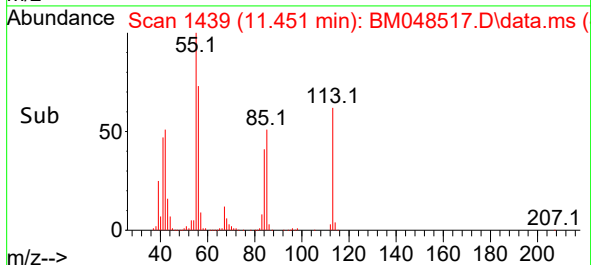
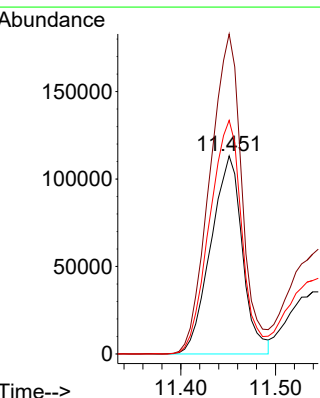
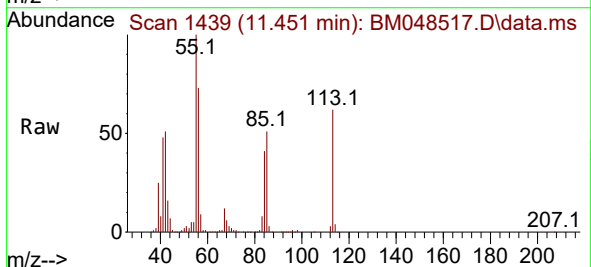
Tgt Ion:113 Resp: 262591

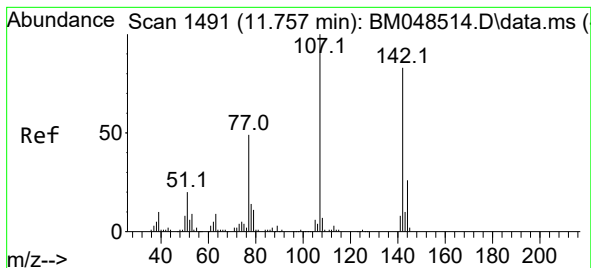
Ion Ratio Lower Upper

113 100

55 161.6 138.5 207.7

56 117.9 104.1 156.1

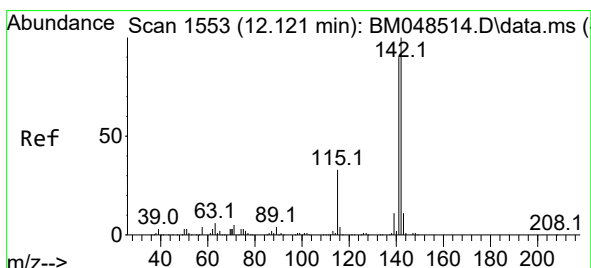
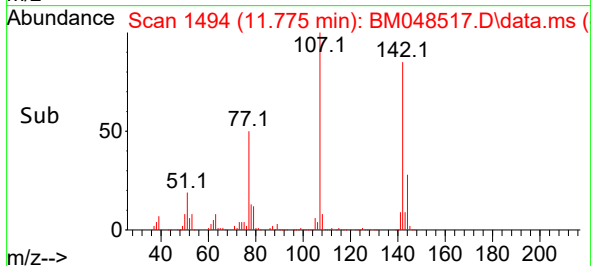
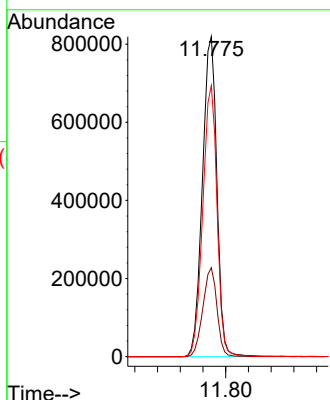
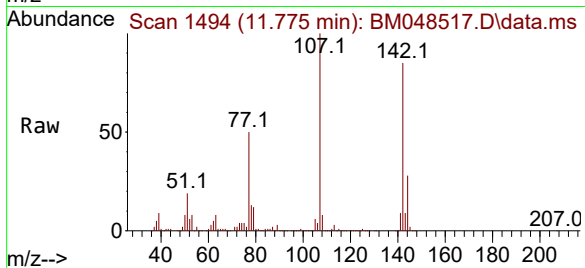




#35
4-Chloro-3-methylphenol
Concen: 141.190 ng/ul
RT: 11.775 min Scan# 1491
Delta R.T. 0.018 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

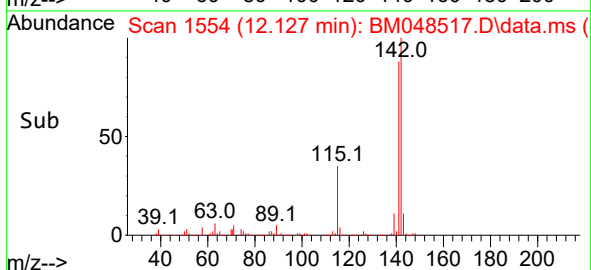
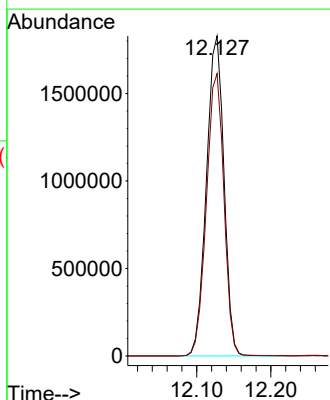
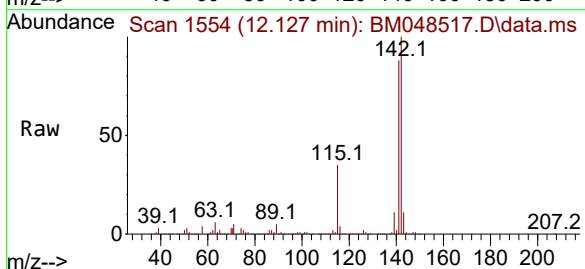
Instrument :
BNA_M
ClientSampleId :
SSTD160046

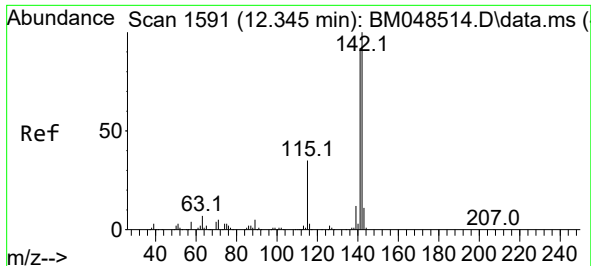
Tgt Ion:107 Resp: 1441643
Ion Ratio Lower Upper
107 100
144 27.8 20.6 31.0
142 84.7 66.7 100.1



#36
2-Methylnaphthalene
Concen: 130.270 ng/ul
RT: 12.127 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:142 Resp: 3001035
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4

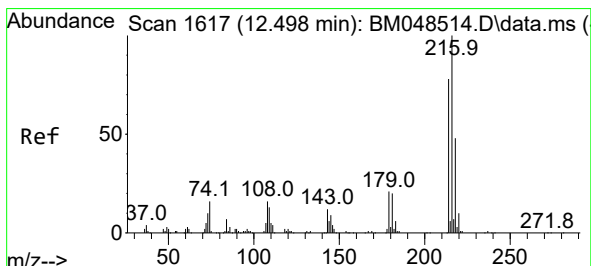
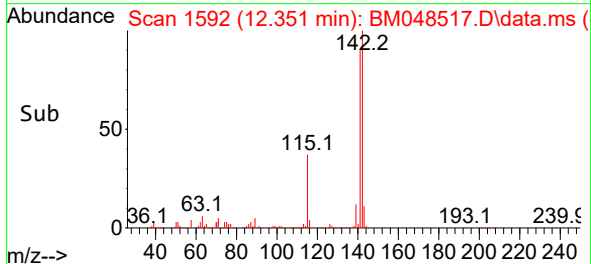
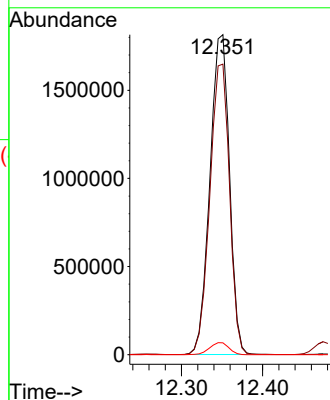
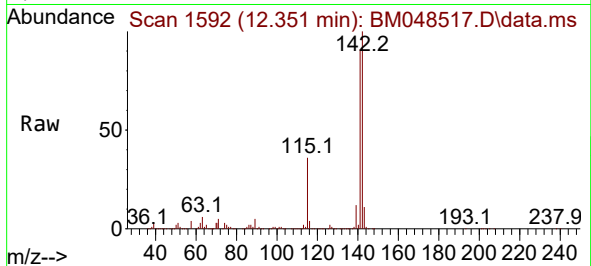




#37
1-Methylnaphthalene
Concen: 129.696 ng/ul
RT: 12.351 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

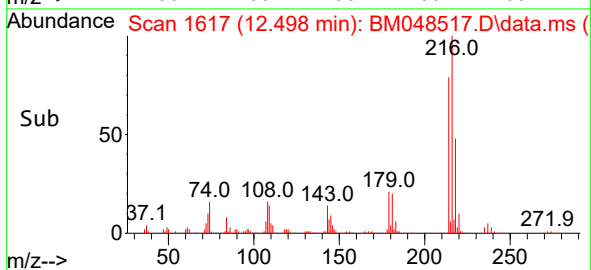
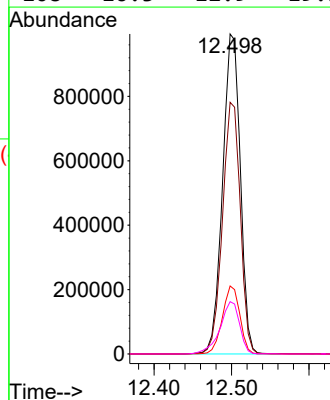
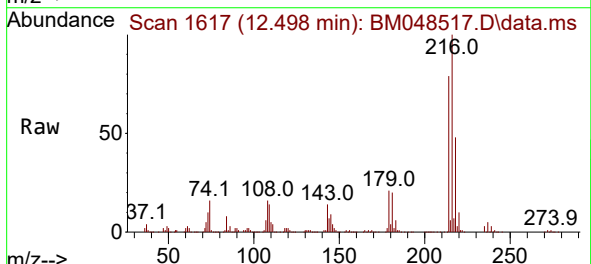
Instrument :
BNA_M
ClientSampleId :
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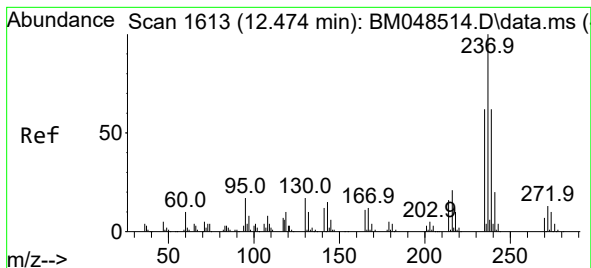
Tgt Ion:142 Resp: 3030871
Ion Ratio Lower Upper
142 100
141 90.8 73.6 110.4
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 134.968 ng/ul
RT: 12.498 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:216 Resp: 1579994
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.3 16.5 24.7
108 16.3 12.9 19.3





#40

Hexachlorocyclopentadiene

Concen: 135.614 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

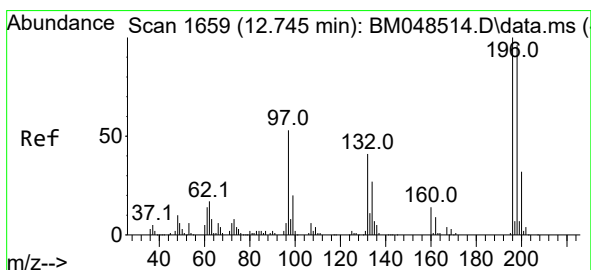
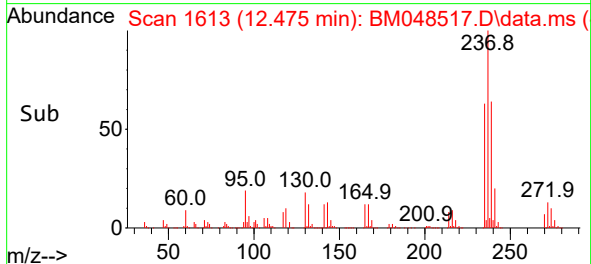
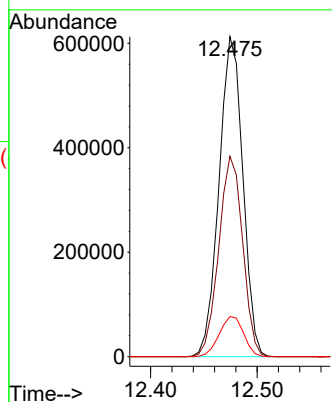
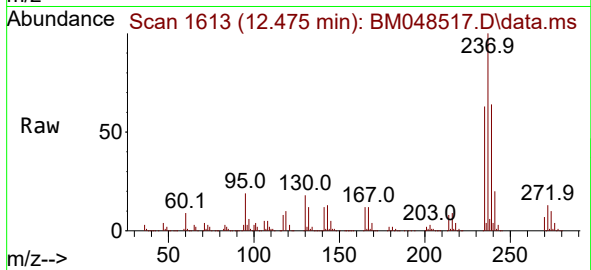
Tgt Ion:237 Resp: 950309

Ion Ratio Lower Upper

237 100

235 62.6 50.0 75.0

272 12.5 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 147.537 ng/ul

RT: 12.751 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

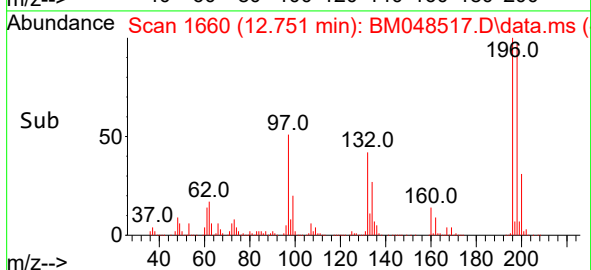
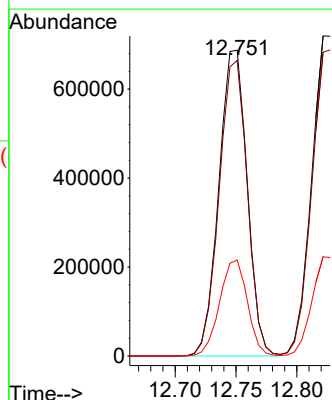
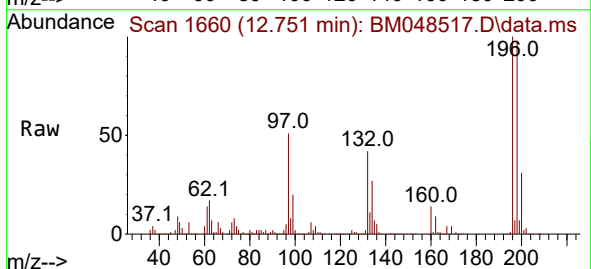
Tgt Ion:196 Resp: 1114802

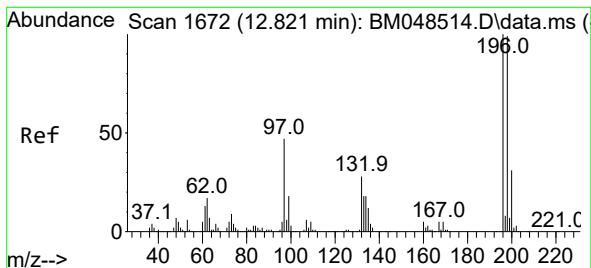
Ion Ratio Lower Upper

196 100

198 96.7 76.6 114.8

200 31.4 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 151.050 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

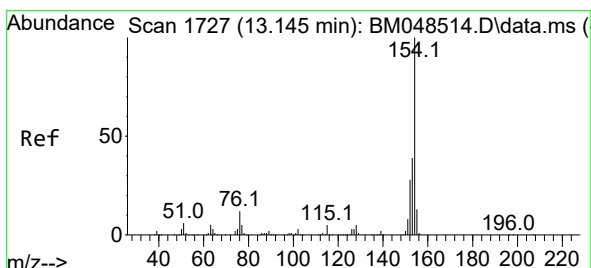
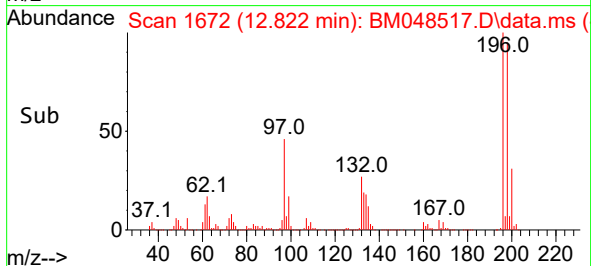
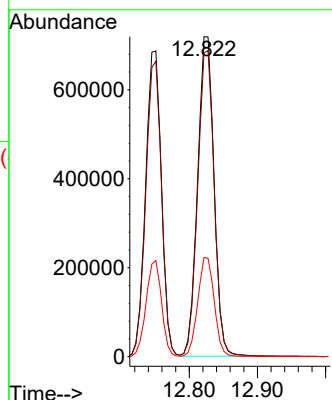
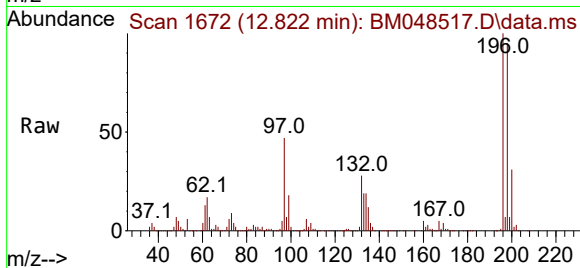
Tgt Ion:196 Resp: 1205504

Ion Ratio Lower Upper

196 100

198 94.9 78.7 118.1

200 31.0 24.6 37.0



#43

1,1'-Biphenyl

Concen: 129.704 ng/ul

RT: 13.151 min Scan# 1728

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

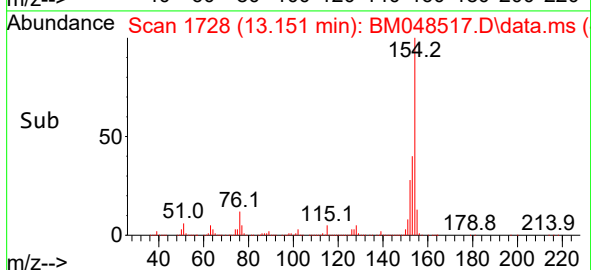
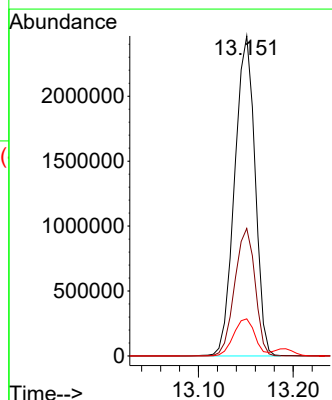
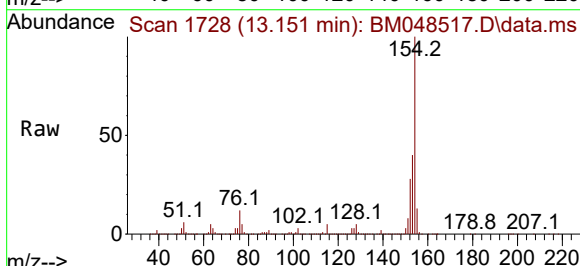
Tgt Ion:154 Resp: 3678321

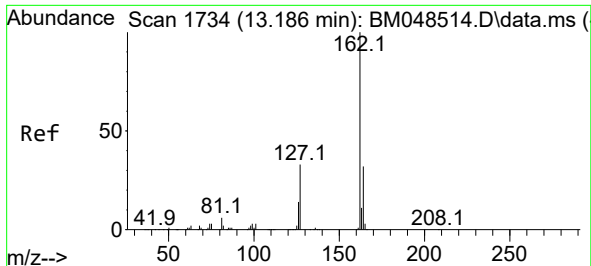
Ion Ratio Lower Upper

154 100

153 39.9 31.4 47.2

76 11.6 9.9 14.9

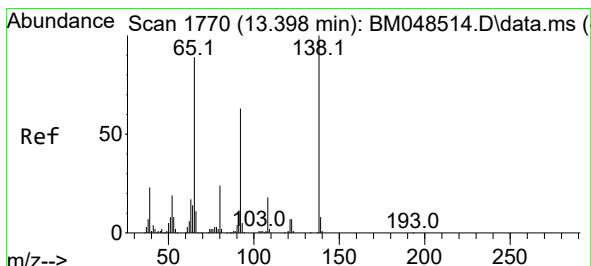
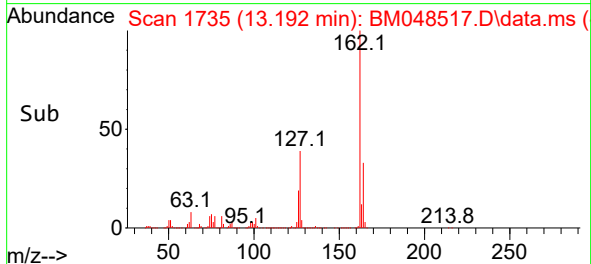
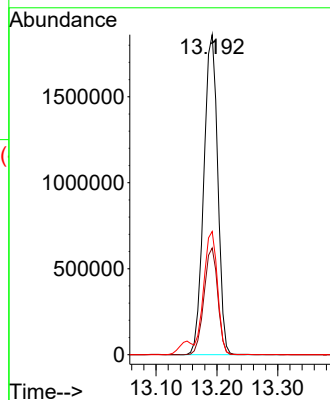
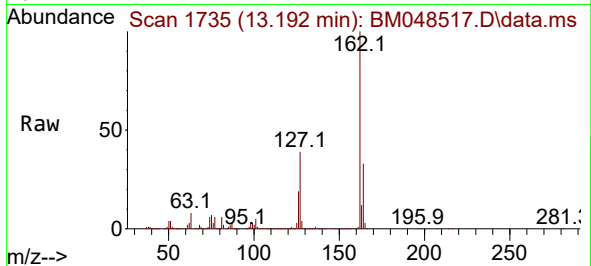




#44
2-Chloronaphthalene
Concen: 134.686 ng/ul
RT: 13.192 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

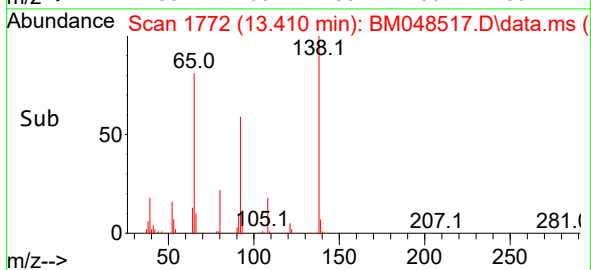
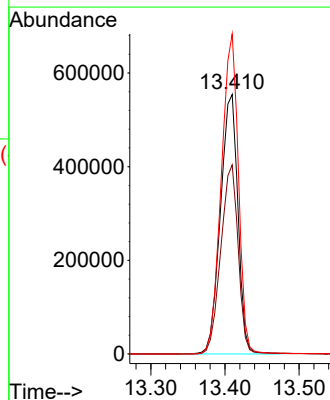
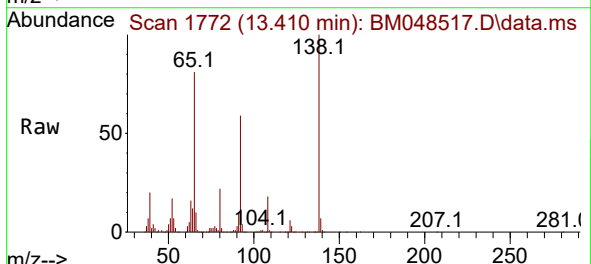
Instrument :
BNA_M
ClientSampleId :
SSTD160046

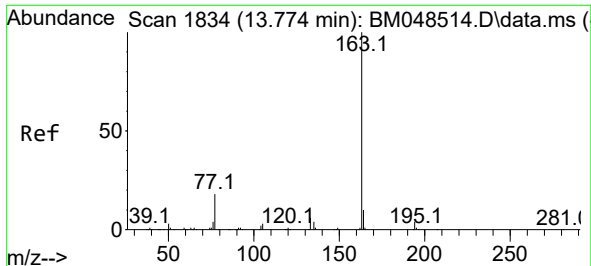
Tgt Ion:162 Resp: 2959834
Ion Ratio Lower Upper
162 100
164 33.4 25.8 38.6
127 38.5 29.5 44.3



#45
2-Nitroaniline
Concen: 149.388 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion: 65 Resp: 908578
Ion Ratio Lower Upper
65 100
92 72.9 56.2 84.2
138 123.3 89.6 134.4





#47

Dimethylphthalate

Concen: 131.471 ng/ul

RT: 13.786 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

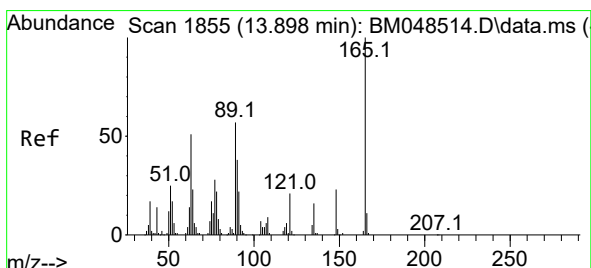
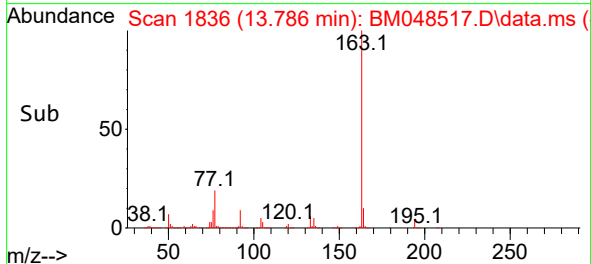
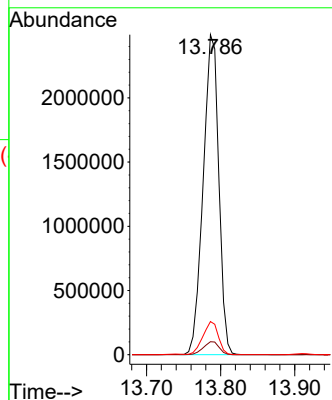
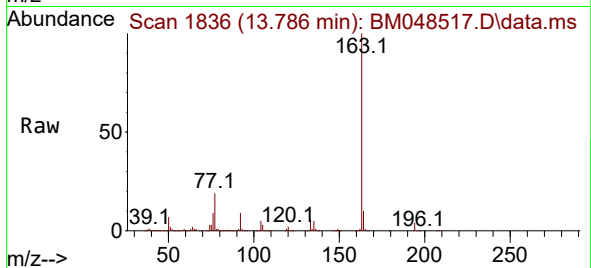
Tgt Ion:163 Resp: 3643442

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 155.871 ng/ul

RT: 13.910 min Scan# 1857

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

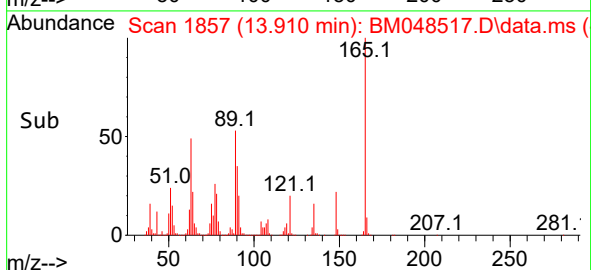
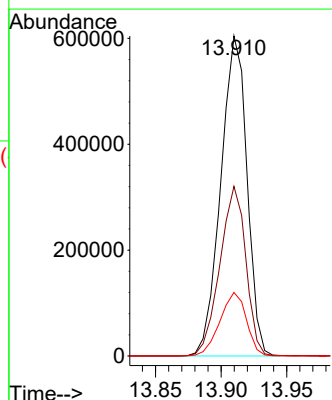
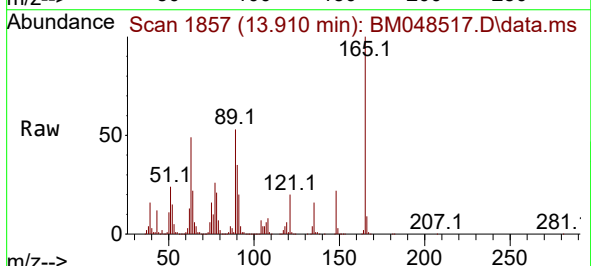
Tgt Ion:165 Resp: 839910

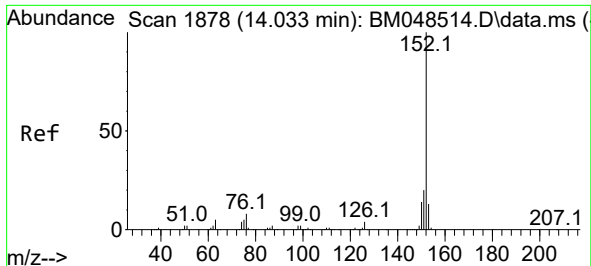
Ion Ratio Lower Upper

165 100

89 53.0 45.4 68.0

121 19.8 17.1 25.7

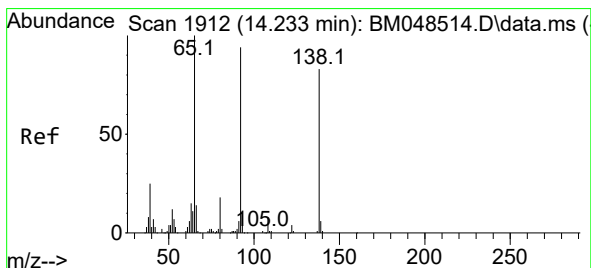
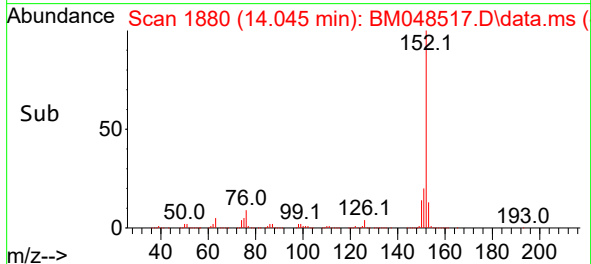
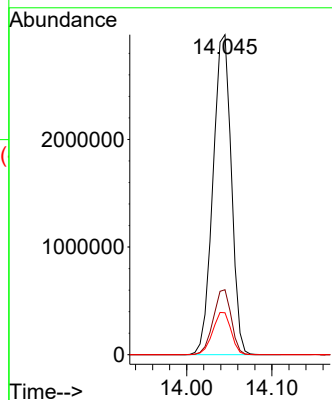
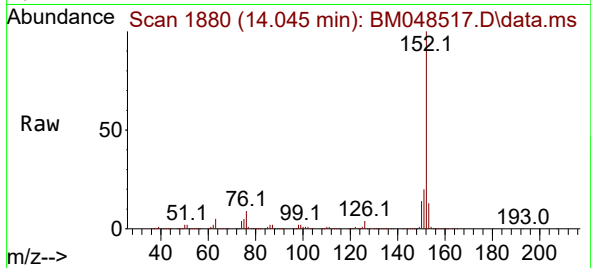




#50
Acenaphthylene
Concen: 130.869 ng/ul
RT: 14.045 min Scan# 1878
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

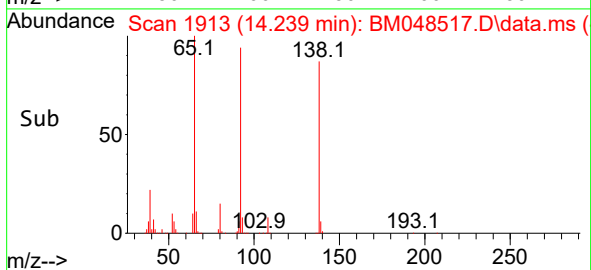
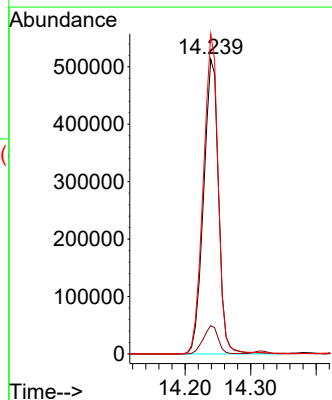
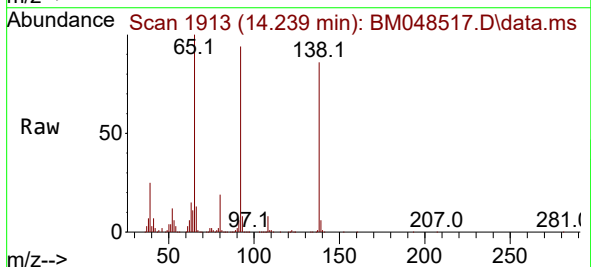
Instrument :
BNA_M
ClientSampleId :
SSTD160046

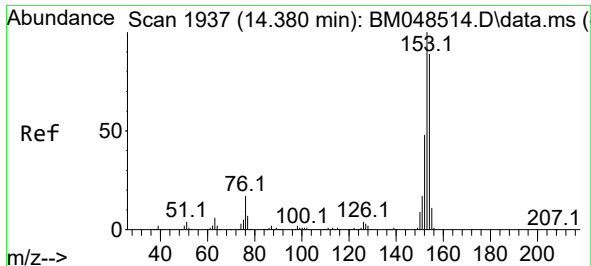
Tgt Ion:152 Resp: 4453793
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 144.350 ng/ul
RT: 14.239 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:138 Resp: 818767
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 108.6 91.0 136.4

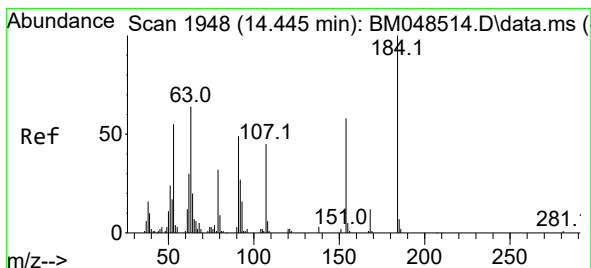
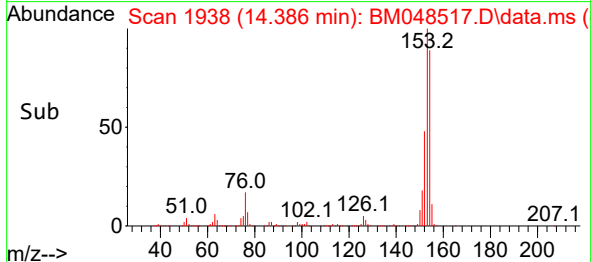
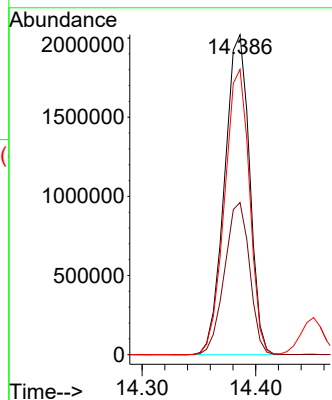
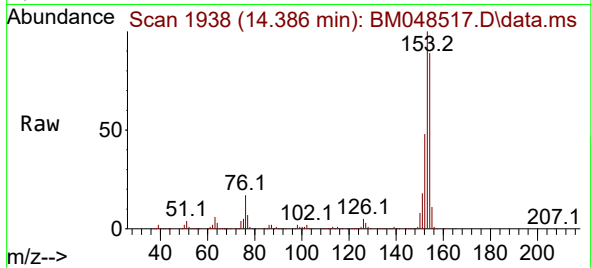




#52
Acenaphthene
Concen: 128.123 ng/ul
RT: 14.386 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

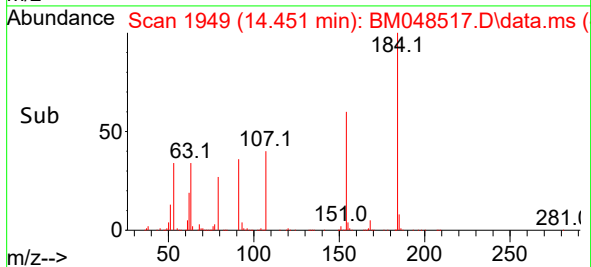
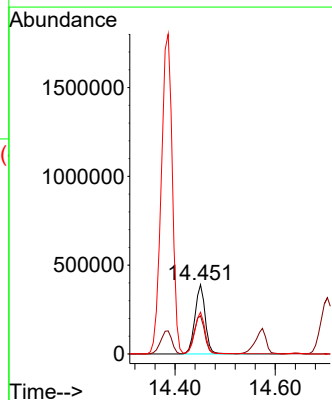
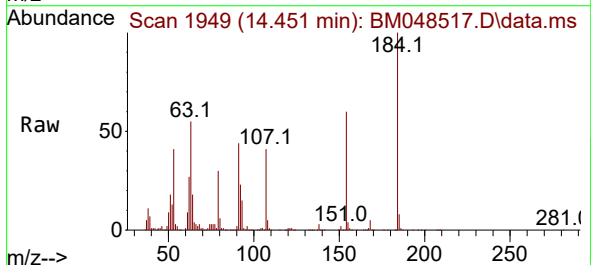
Instrument :
BNA_M
ClientSampleId :
SSTD160046

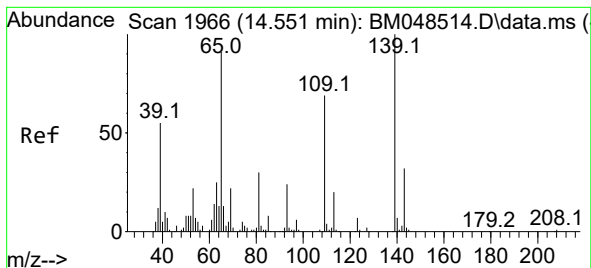
Tgt Ion:153 Resp: 3094089
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 89.2 71.1 106.7



#53
2,4-Dinitrophenol
Concen: 152.642 ng/ul
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:184 Resp: 559425
Ion Ratio Lower Upper
184 100
63 55.1 52.5 78.7
154 60.2 51.4 77.0

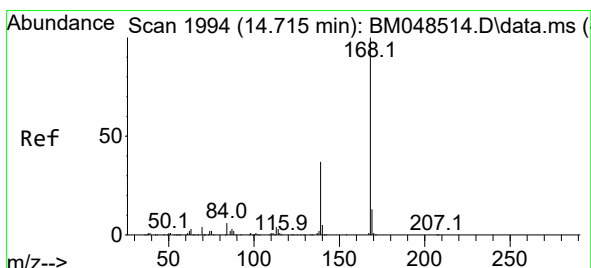
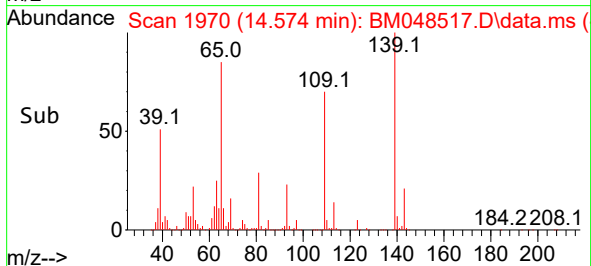
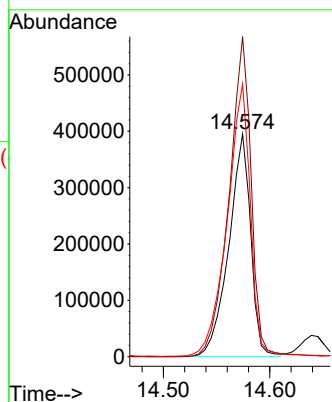
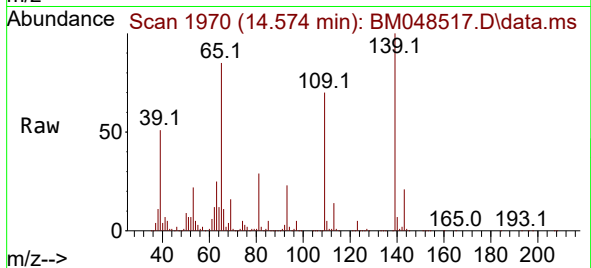




#55
4-Nitrophenol
Concen: 152.263 ng/ul
RT: 14.574 min Scan# 1966
Delta R.T. 0.024 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

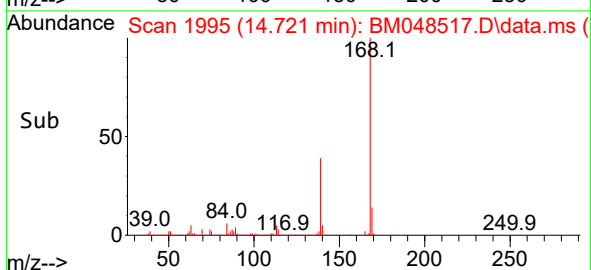
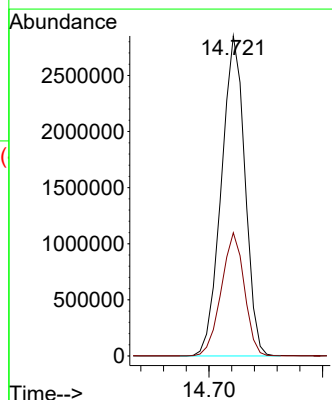
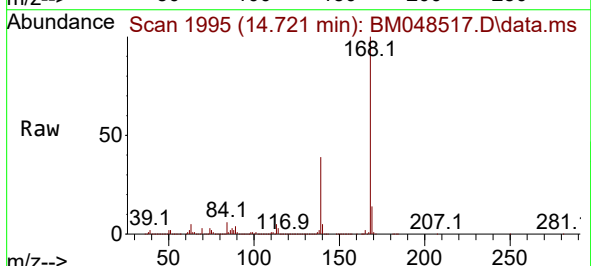
Instrument :
BNA_M
ClientSampleId :
SSTD160046

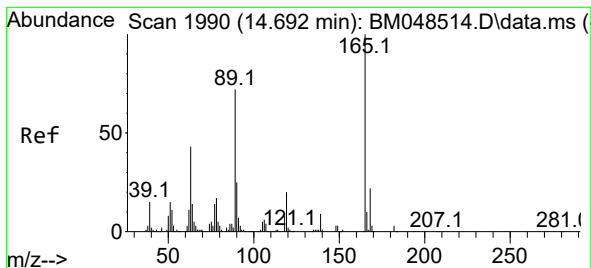
Tgt Ion:109 Resp: 561672
Ion Ratio Lower Upper
109 100
139 143.8 115.9 173.9
65 122.6 107.0 160.4



#56
Dibenzofuran
Concen: 123.740 ng/ul
RT: 14.721 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:168 Resp: 4111161
Ion Ratio Lower Upper
168 100
139 38.5 29.7 44.5

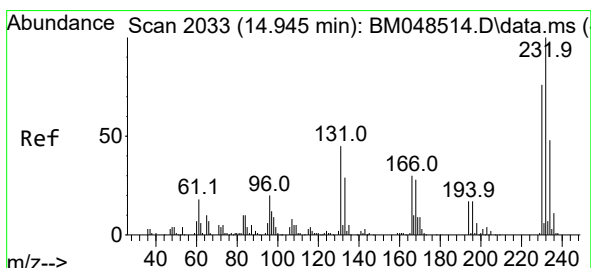
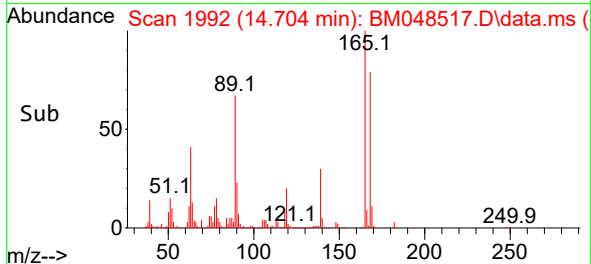
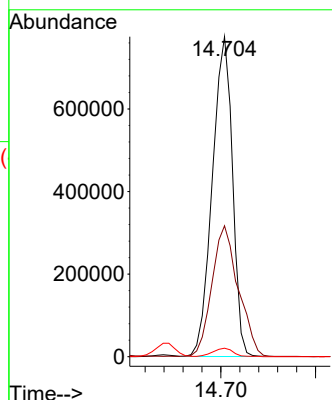
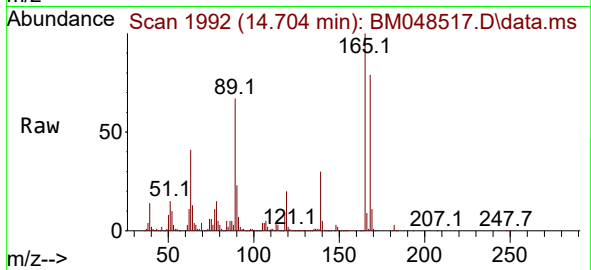




#57
2,4-Dinitrotoluene
Concen: 145.186 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

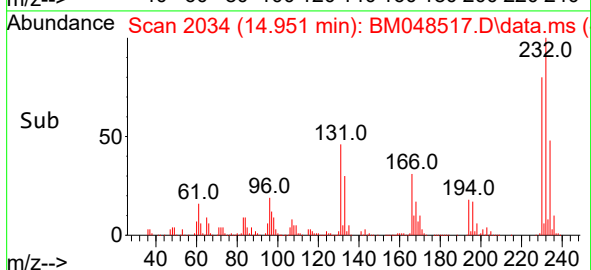
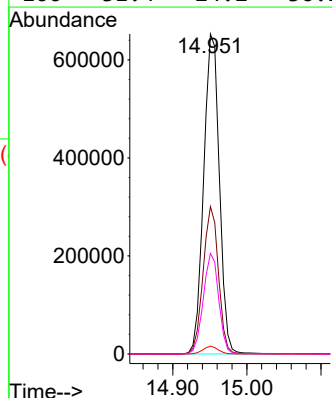
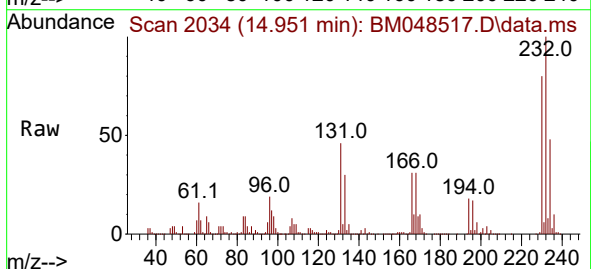
Instrument :
BNA_M
ClientSampleId :
SSTD160046

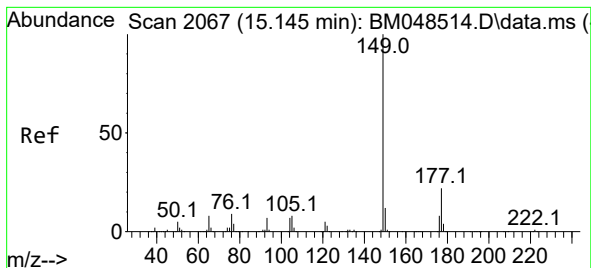
Tgt Ion:165 Resp: 1143747
Ion Ratio Lower Upper
165 100
63 40.9 34.6 51.8
182 2.6 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 140.511 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:232 Resp: 961447
Ion Ratio Lower Upper
232 100
131 46.0 36.3 54.5
130 2.5 1.8 2.8
166 31.4 24.2 36.2





#59

Diethylphthalate

Concen: 130.096 ng/ul

RT: 15.157 min Scan# 2069

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

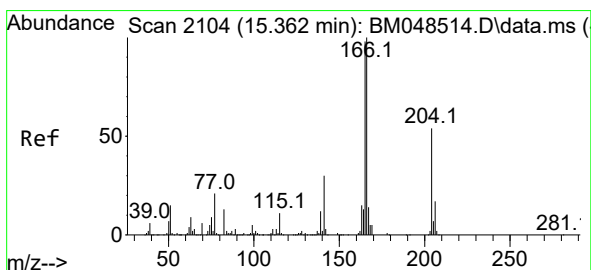
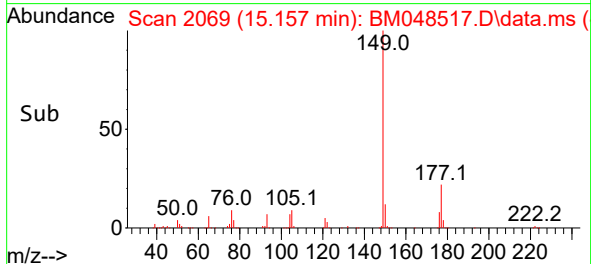
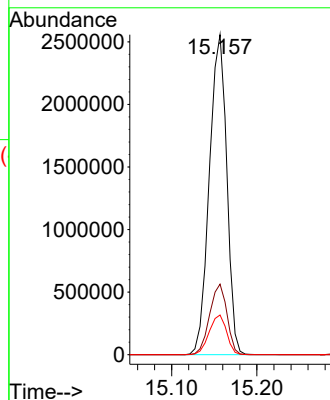
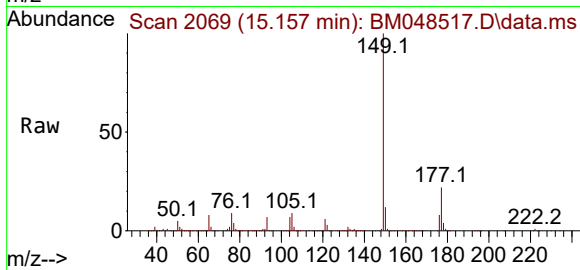
Tgt Ion:149 Resp: 3627173

Ion Ratio Lower Upper

149 100

177 22.1 17.8 26.8

150 12.4 9.6 14.4



#61

Fluorene

Concen: 116.378 ng/ul

RT: 15.374 min Scan# 2106

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

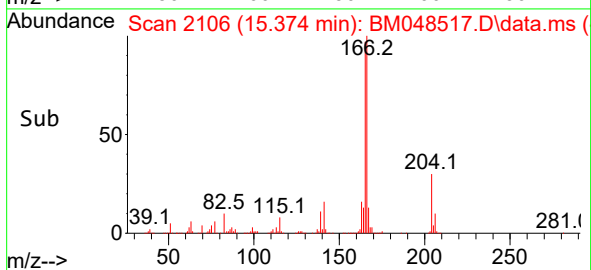
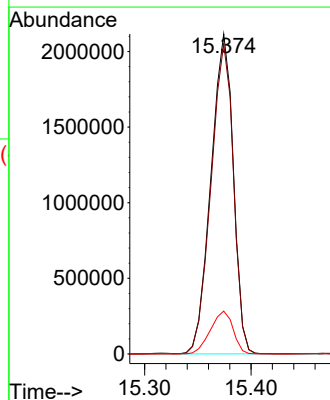
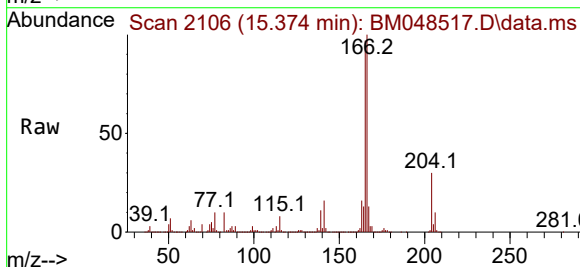
Tgt Ion:166 Resp: 3078871

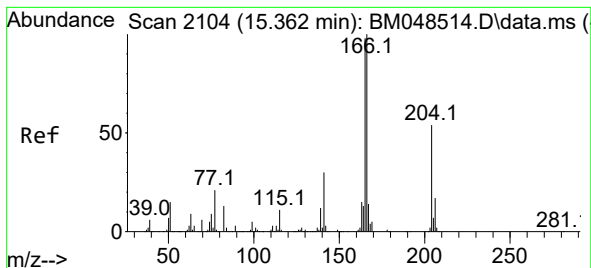
Ion Ratio Lower Upper

166 100

165 97.0 78.7 118.1

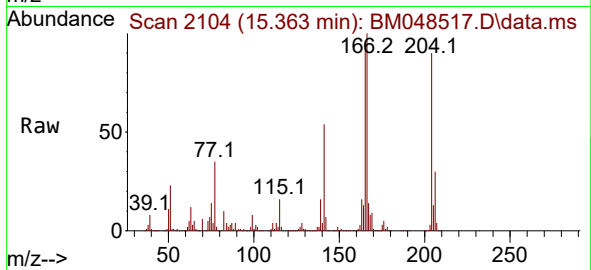
167 13.4 11.0 16.6



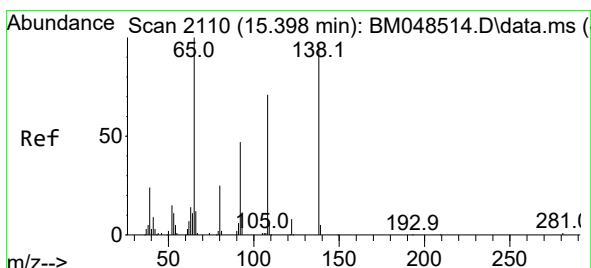
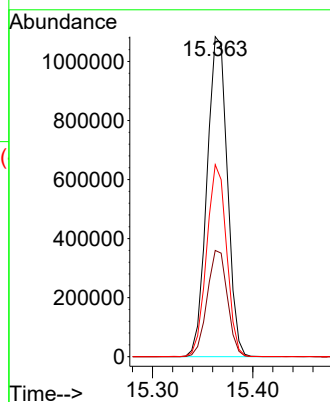
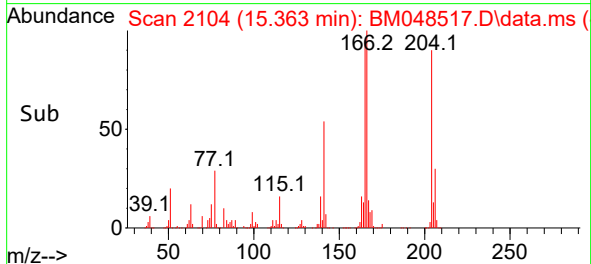


#62
4-Chlorophenyl-phenylether
Concen: 115.129 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Instrument :
BNA_M
ClientSampleId :
SSTD160046

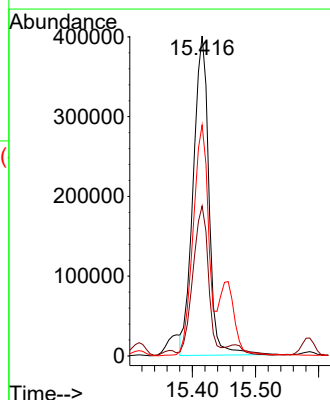
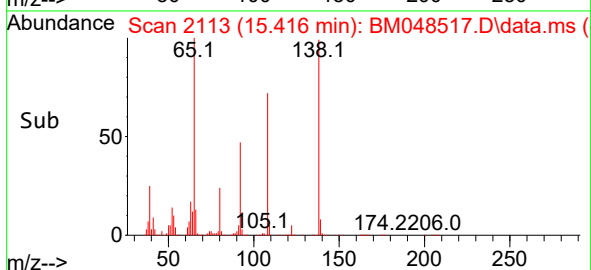
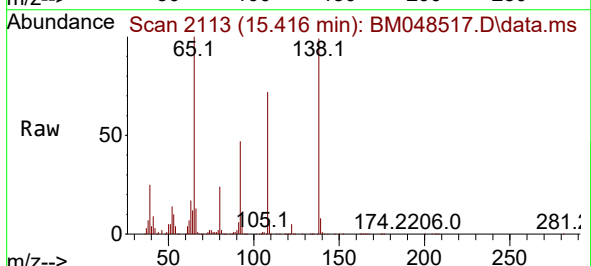


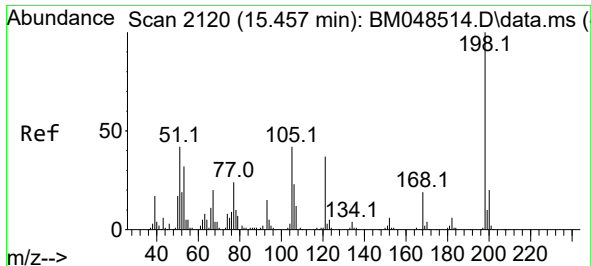
Tgt Ion:204 Resp: 1529044
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 60.0 45.4 68.2



#63
4-Nitroaniline
Concen: 134.665 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:138 Resp: 691626
Ion Ratio Lower Upper
138 100
92 46.9 39.7 59.5
108 72.2 58.5 87.7

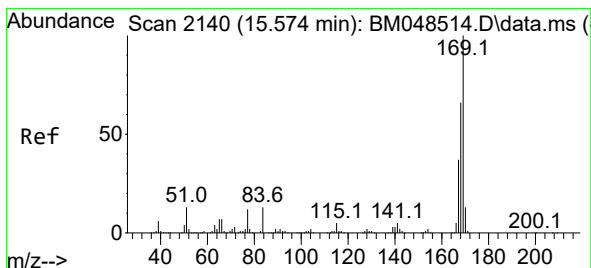
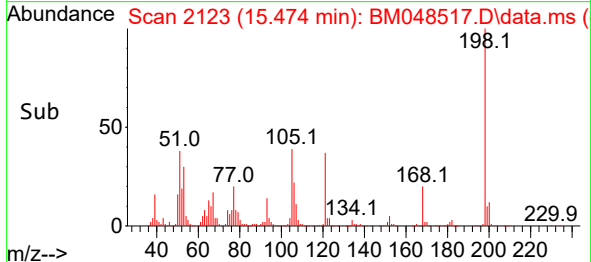
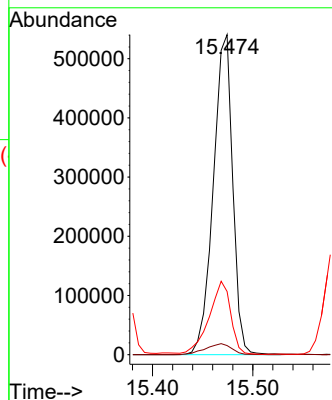
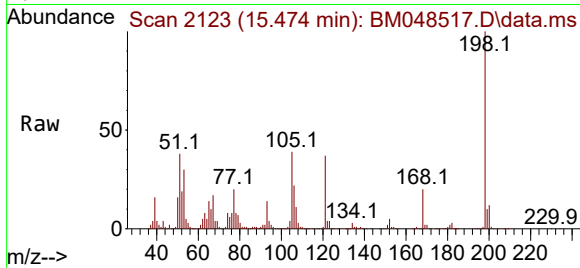




#66
4,6-Dinitro-2-methylphenol
Concen: 134.877 ng/ul
RT: 15.474 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

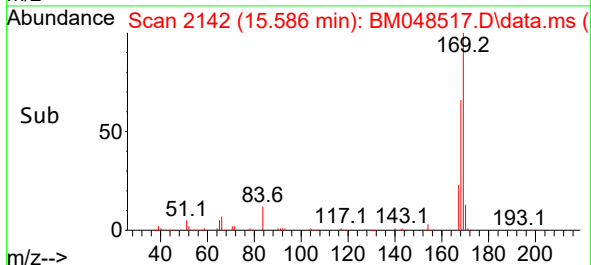
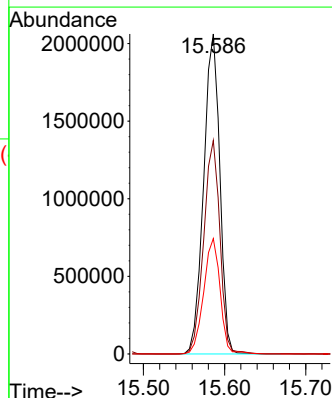
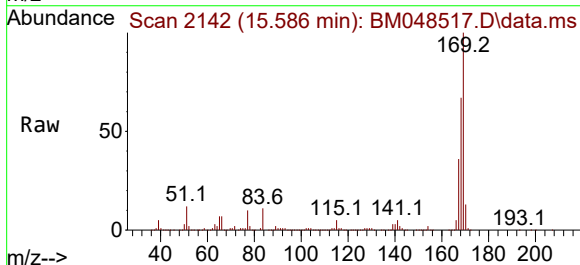
Instrument :
BNA_M
ClientSampleId :
SSTD160046

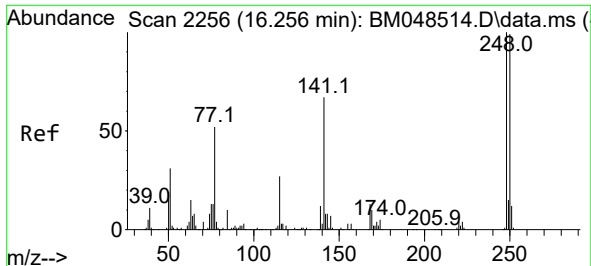
Tgt Ion:198 Resp: 726634
Ion Ratio Lower Upper
198 100
182 2.9 5.0 7.6#
77 19.8 20.1 30.1#



#67
N-Nitrosodiphenylamine
Concen: 125.297 ng/ul
RT: 15.586 min Scan# 2142
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:169 Resp: 2844774
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 36.1 29.6 44.4

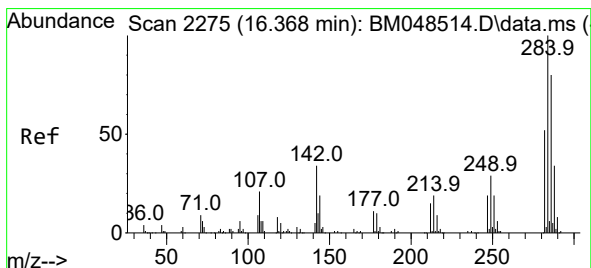
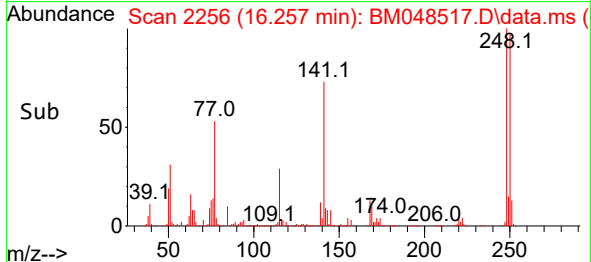
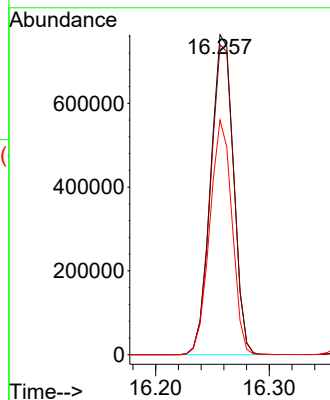
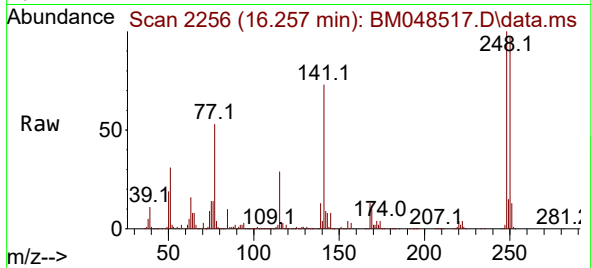




#68
4-Bromophenyl-phenylether
Concen: 129.033 ng/ul
RT: 16.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

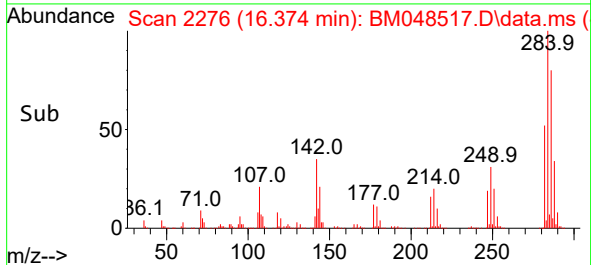
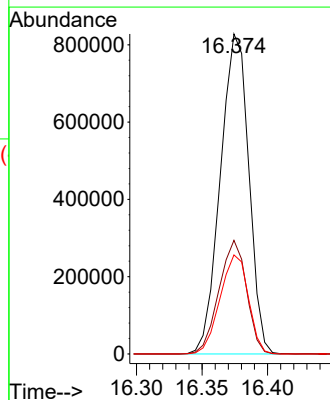
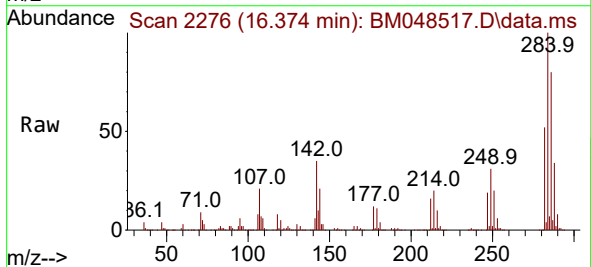
Instrument :
BNA_M
ClientSampleId :
SSTD160046

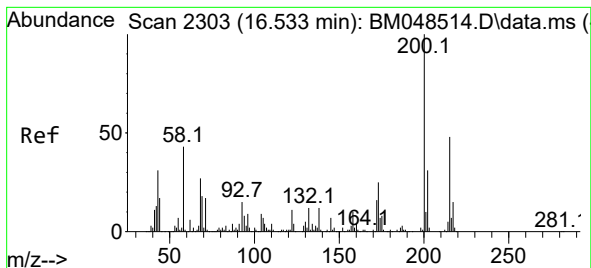
Tgt Ion:248 Resp: 1070529
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 73.3 53.8 80.6



#69
Hexachlorobenzene
Concen: 125.847 ng/ul
RT: 16.374 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:284 Resp: 1249249
Ion Ratio Lower Upper
284 100
142 35.5 27.5 41.3
249 30.9 23.2 34.8





#70

Atrazine

Concen: 143.105 ng/ul

RT: 16.545 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

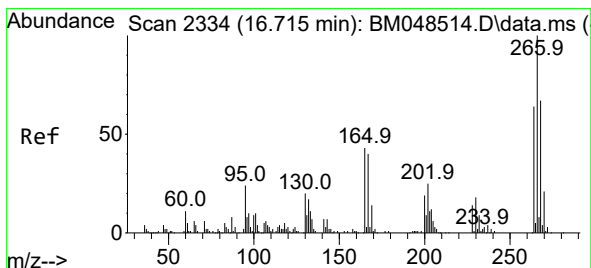
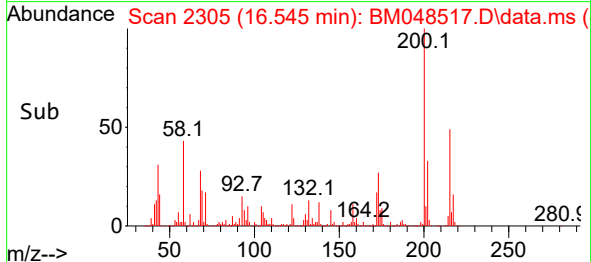
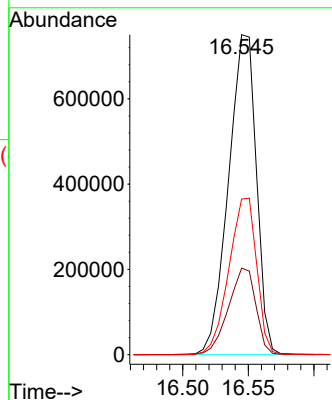
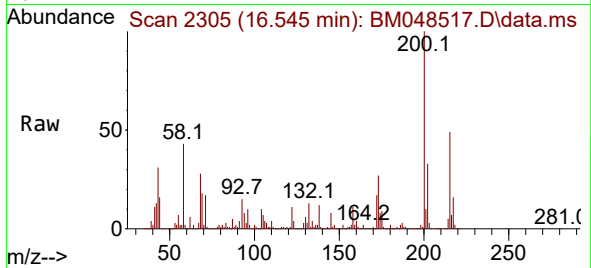
Tgt Ion:200 Resp: 1112412

Ion Ratio Lower Upper

200 100

173 27.0 20.2 30.2

215 48.7 38.2 57.2



#71

Pentachlorophenol

Concen: 143.631 ng/ul

RT: 16.721 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

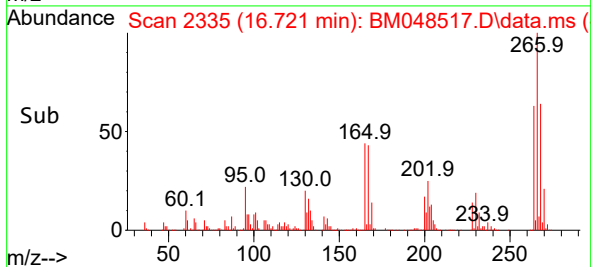
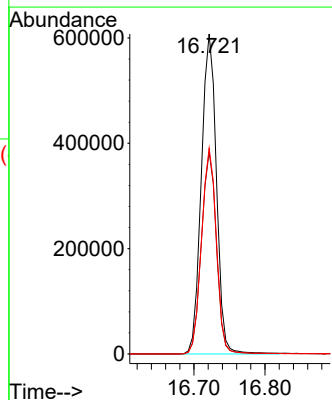
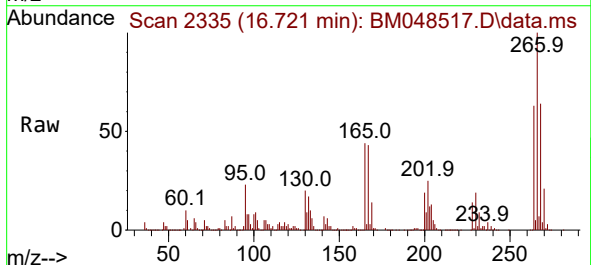
Tgt Ion:266 Resp: 902131

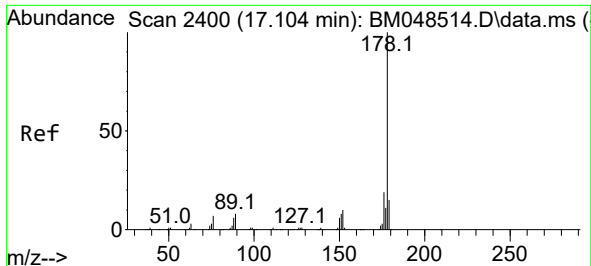
Ion Ratio Lower Upper

266 100

264 63.1 51.1 76.7

268 64.4 53.2 79.8

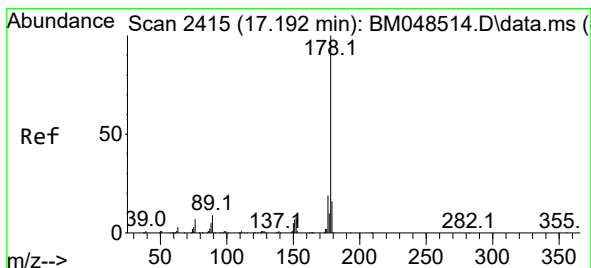
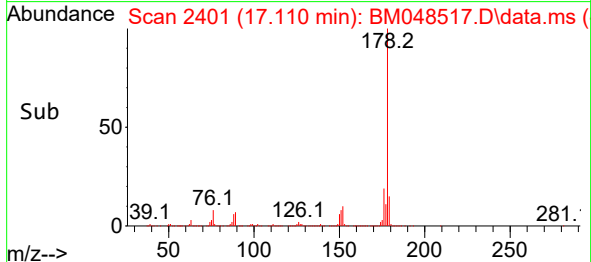
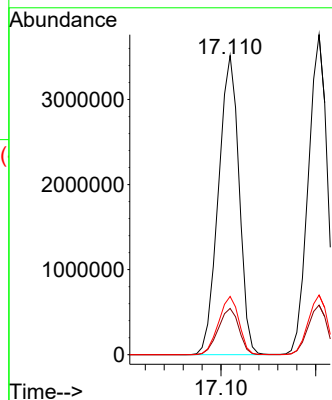
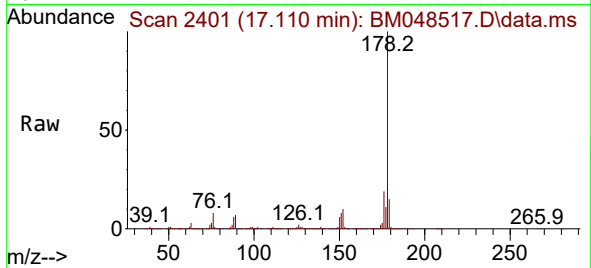




#72
Phenanthrene
Concen: 126.469 ng/ul
RT: 17.110 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

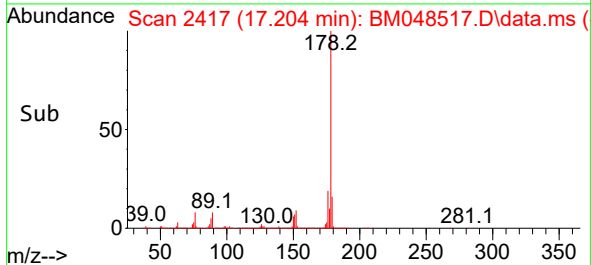
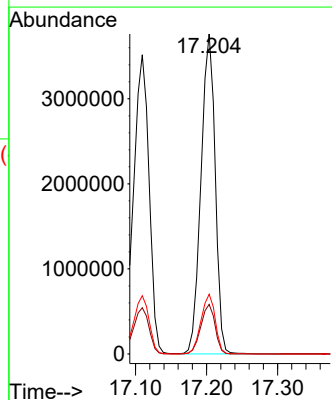
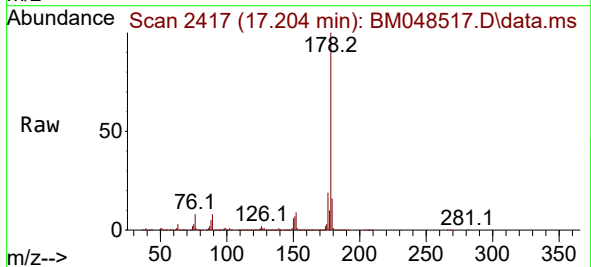
Instrument :
BNA_M
ClientSampleId :
SSTD160046

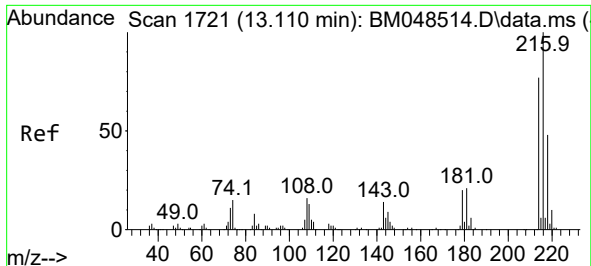
Tgt Ion:178 Resp: 5325248
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.5 15.1 22.7



#74
Anthracene
Concen: 124.423 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:178 Resp: 5243938
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.6 15.0 22.4

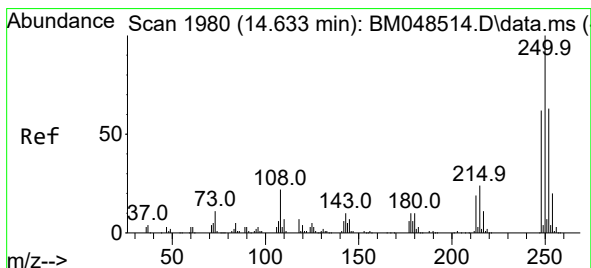
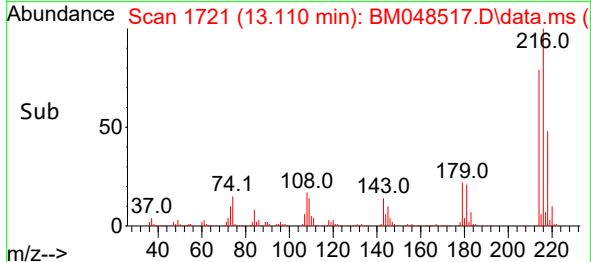
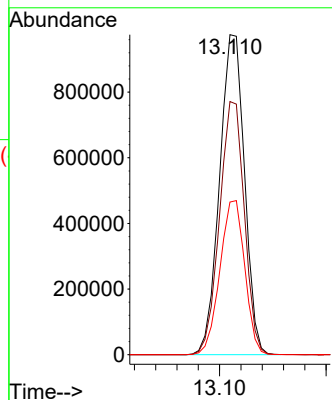
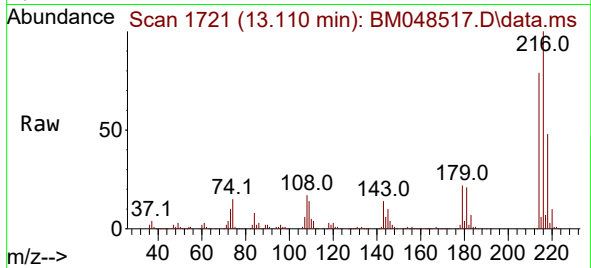




#75
1,2,3,4-Tetrachlorobenzene
Concen: 131.740 ng/uL
RT: 13.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

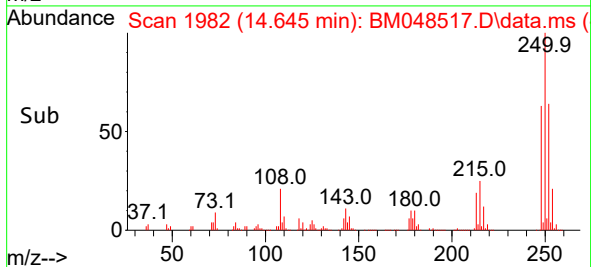
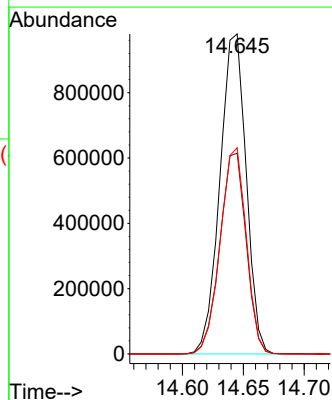
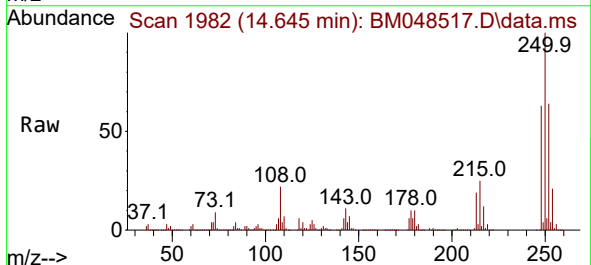
Instrument :
BNA_M
ClientSampleId :
SSTD160046

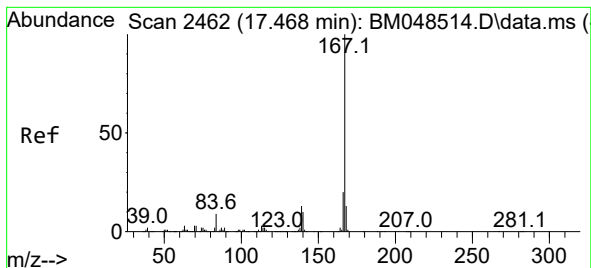
Tgt Ion:216 Resp: 1585380
Ion Ratio Lower Upper
216 100
214 79.1 61.9 92.9
218 47.7 38.6 58.0



#76
Pentachlorobenzene
Concen: 120.178 ng/uL
RT: 14.645 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:250 Resp: 1471807
Ion Ratio Lower Upper
250 100
248 62.8 49.7 74.5
252 64.5 50.2 75.2





#77

Carbazole

Concen: 134.389 ng/ul

RT: 17.474 min Scan# 2463

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

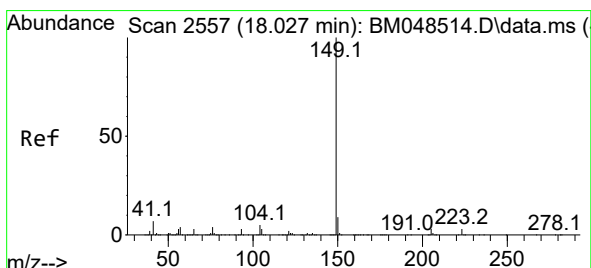
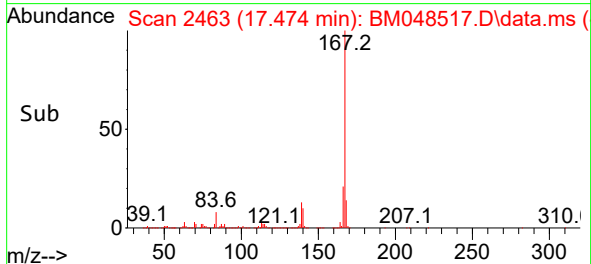
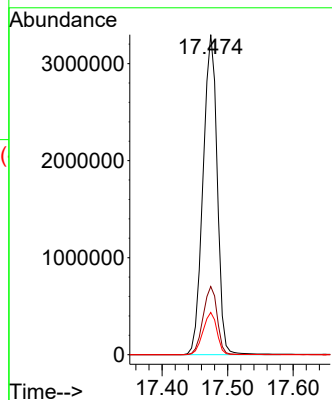
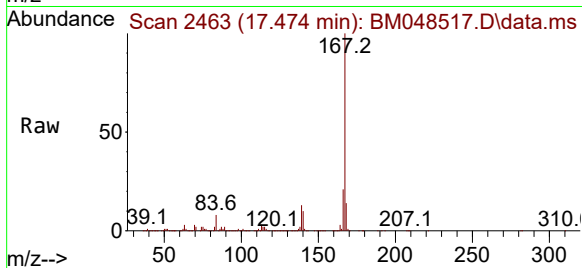
Tgt Ion:167 Resp: 4973184

Ion Ratio Lower Upper

167 100

166 21.3 16.4 24.6

139 13.2 10.3 15.5



#78

Di-n-butylphthalate

Concen: 128.541 ng/ul

RT: 18.033 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

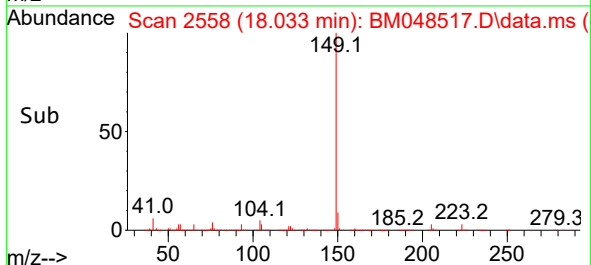
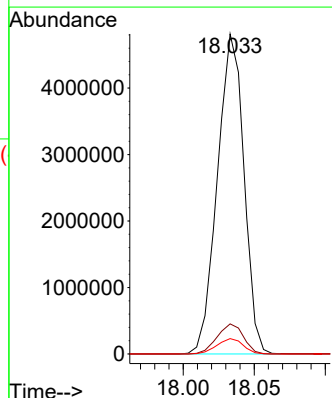
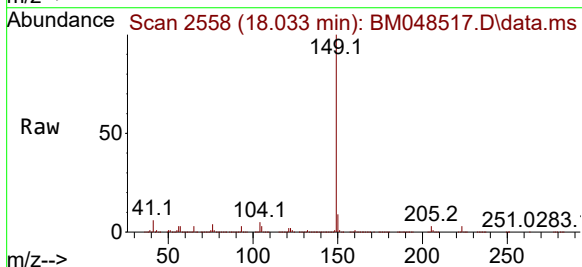
Tgt Ion:149 Resp: 6250906

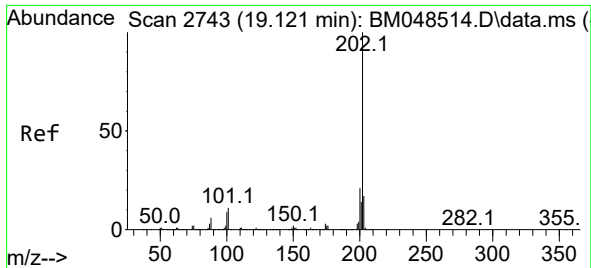
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 4.0 6.0

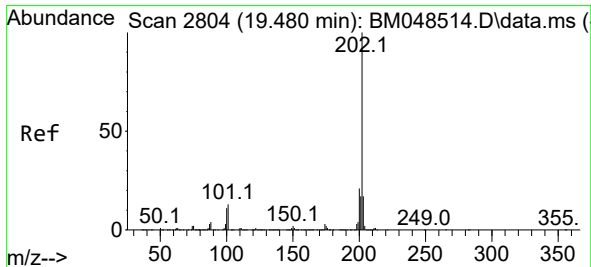
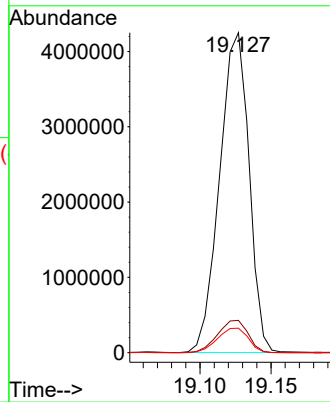
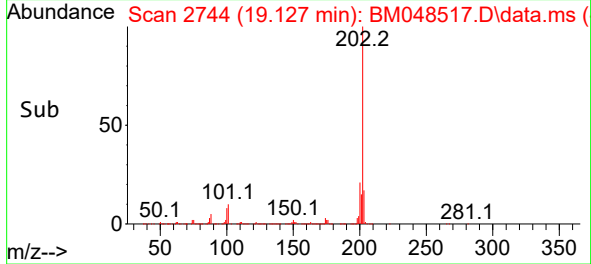
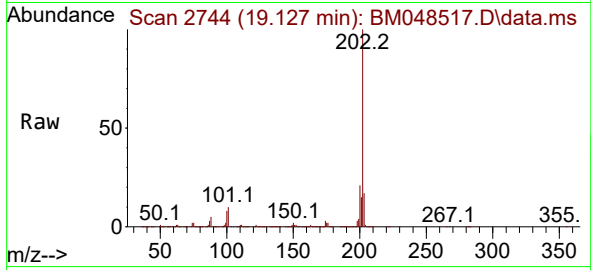




#80
Fluoranthene
Concen: 134.767 ng/ul
RT: 19.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

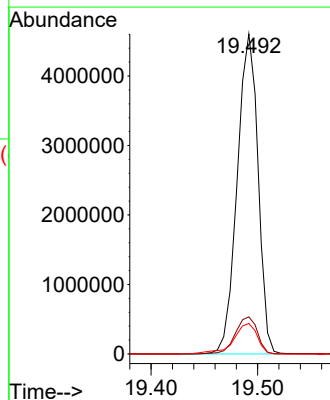
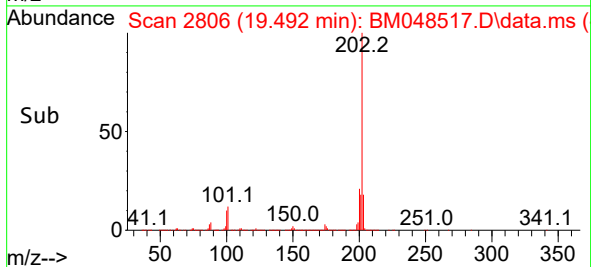
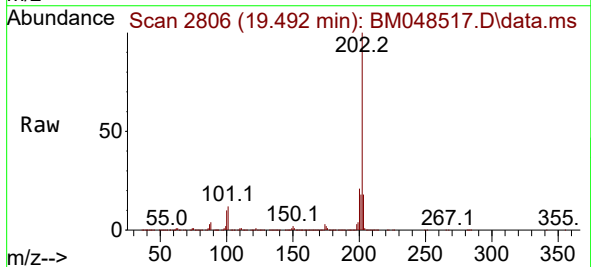
Instrument :
BNA_M
ClientSampleId :
SSTD160046

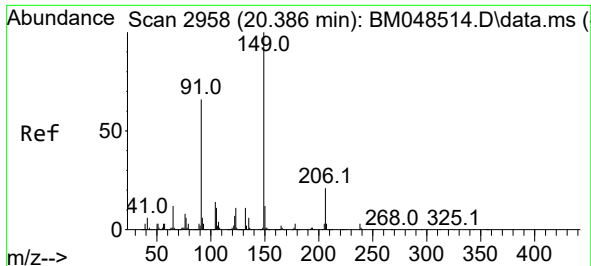
Tgt Ion:202 Resp: 6121688
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 7.7 7.0 10.4



#82
Pyrene
Concen: 128.599 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. 0.012 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:202 Resp: 6263203
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 9.5 8.9 13.3

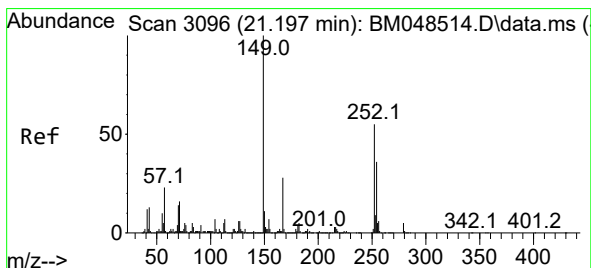
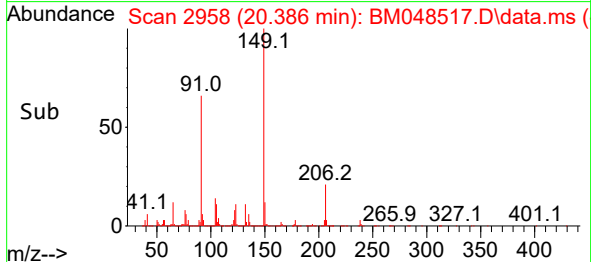
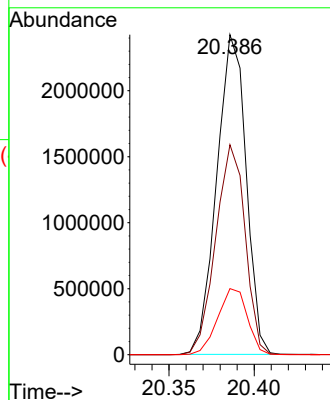
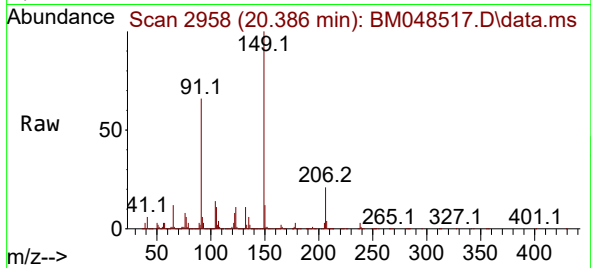




#83
Butylbenzylphthalate
Concen: 144.473 ng/ul
RT: 20.386 min Scan# 2958
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

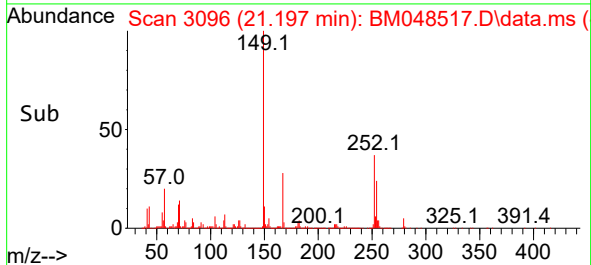
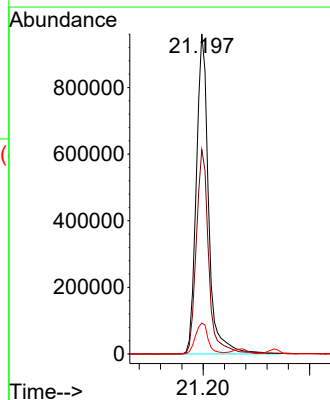
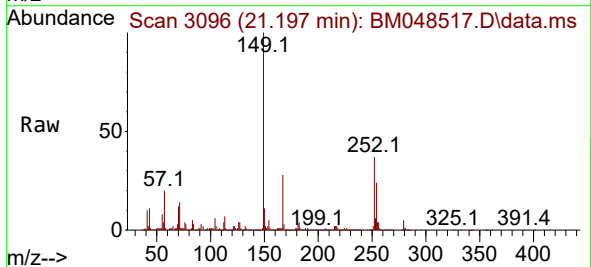
Instrument :
BNA_M
ClientSampleId :
SSTD160046

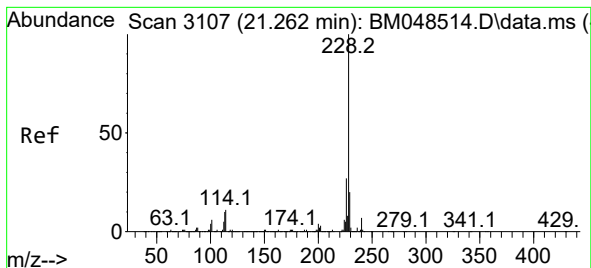
Tgt Ion:149 Resp: 2907751
Ion Ratio Lower Upper
149 100
91 65.6 53.1 79.7
206 20.6 16.6 25.0



#84
3,3'-Dichlorobenzidine
Concen: 109.904 ng/ul
RT: 21.197 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM048517.D
Acq: 07 Nov 2024 18:37

Tgt Ion:252 Resp: 1542706
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 9.7 8.3 12.5





#85

Benzo(a)anthracene

Concen: 136.248 ng/ul

RT: 21.274 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

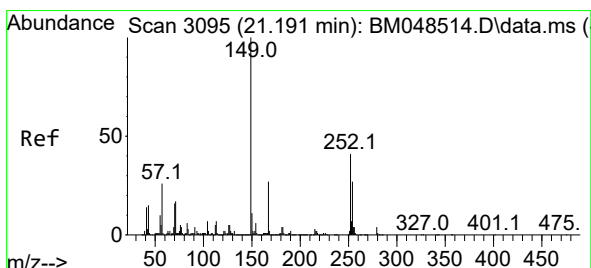
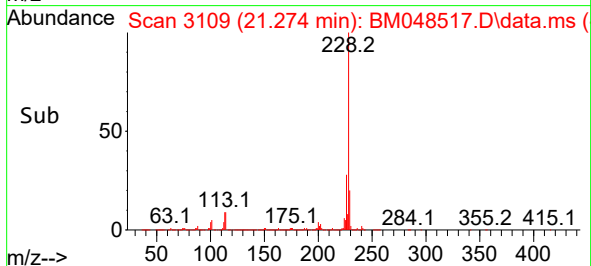
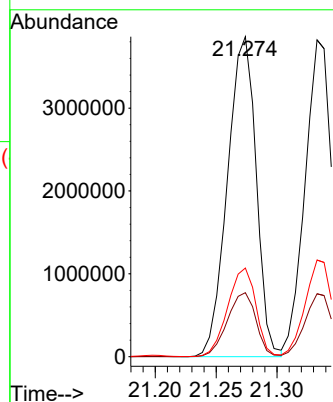
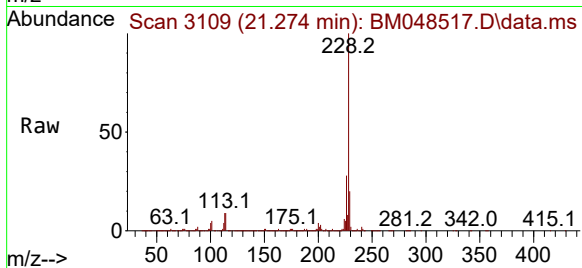
Tgt Ion:228 Resp: 6321091

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 27.7 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 133.990 ng/ul

RT: 21.192 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

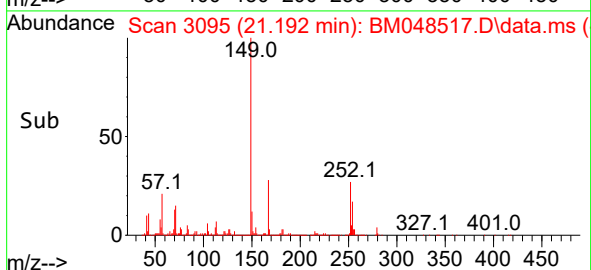
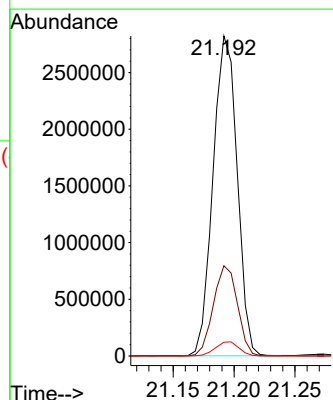
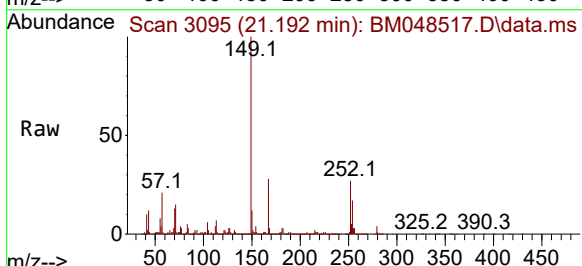
Tgt Ion:149 Resp: 3886019

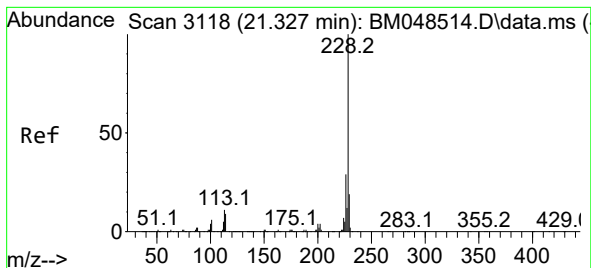
Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

279 4.3 3.1 4.7





#87

Chrysene

Concen: 132.584 ng/ul

RT: 21.333 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

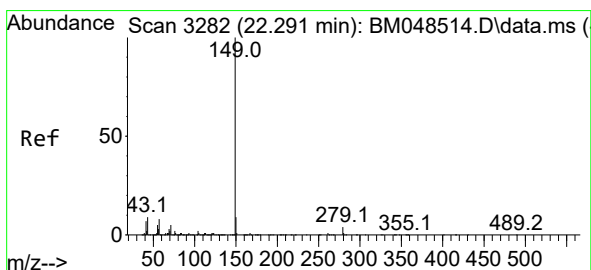
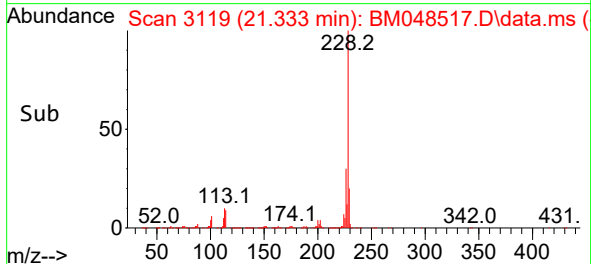
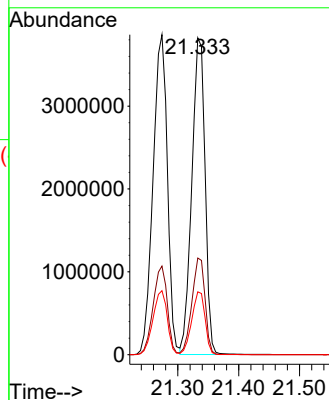
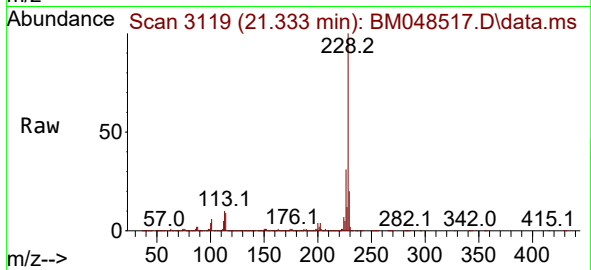
Tgt Ion:228 Resp: 5784121

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 128.735 ng/ul

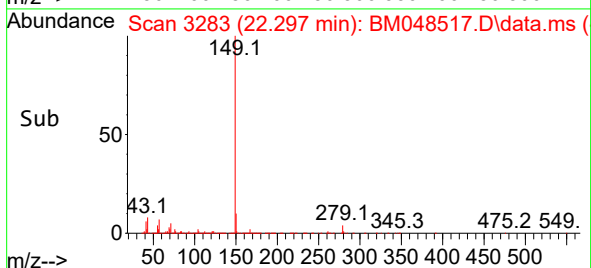
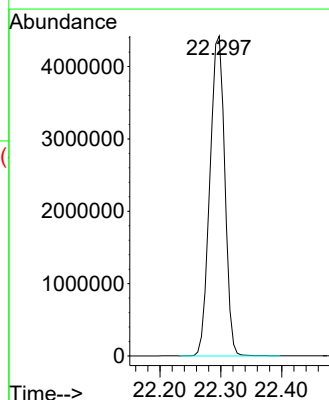
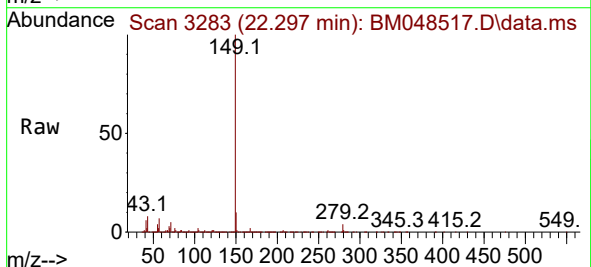
RT: 22.297 min Scan# 3283

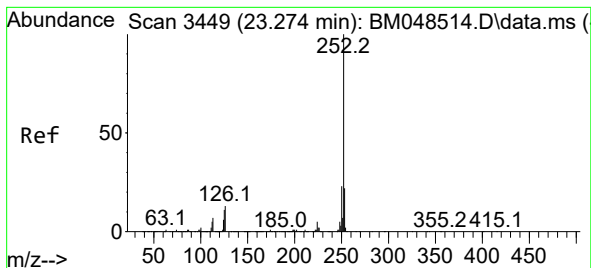
Delta R.T. 0.006 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Tgt Ion:149 Resp: 7521733





#90

Benzo(b)fluoranthene

Concen: 136.380 ng/ul

RT: 23.291 min Scan# 3449

Delta R.T. 0.018 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

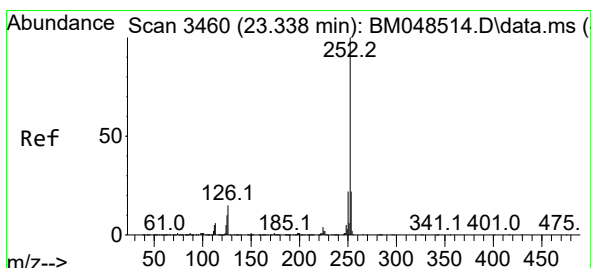
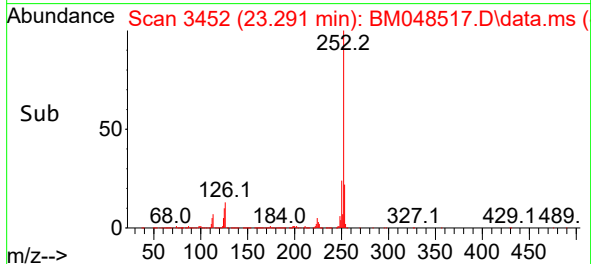
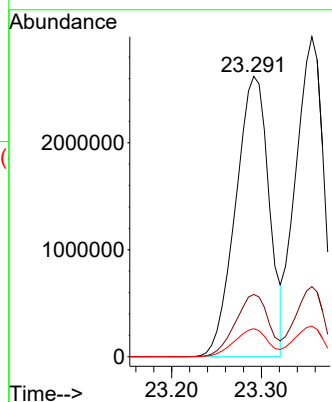
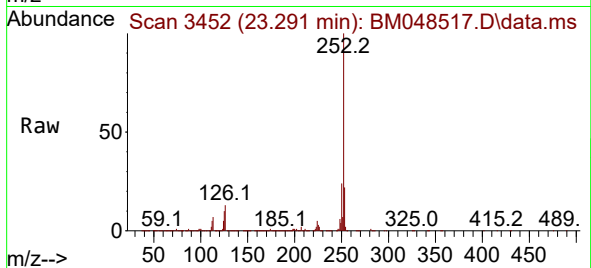
Tgt Ion:252 Resp: 6797124

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.0 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 128.193 ng/ul

RT: 23.356 min Scan# 3463

Delta R.T. 0.018 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

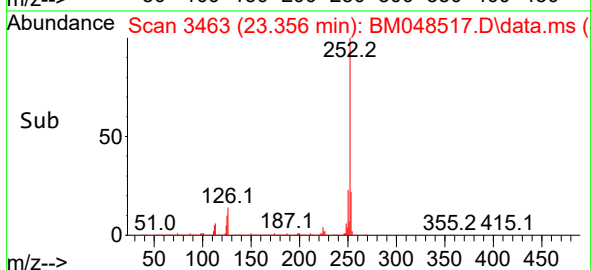
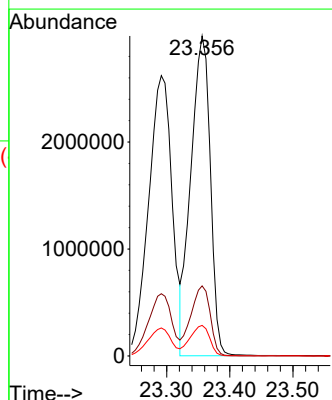
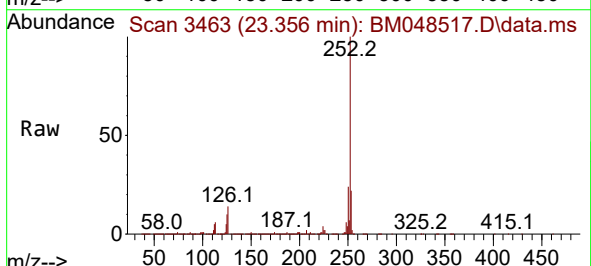
Tgt Ion:252 Resp: 6397032

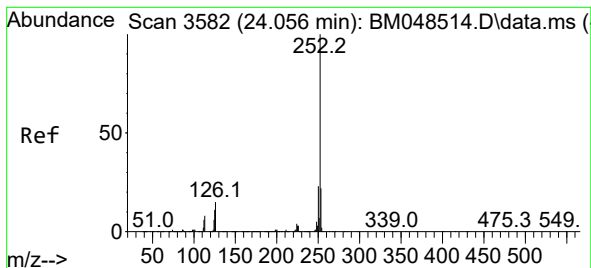
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.6 8.0 12.0





#93

Benzo(a)pyrene

Concen: 136.106 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. 0.030 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

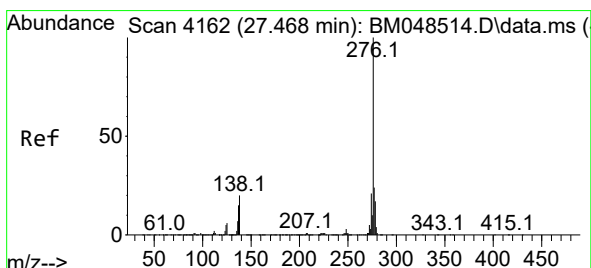
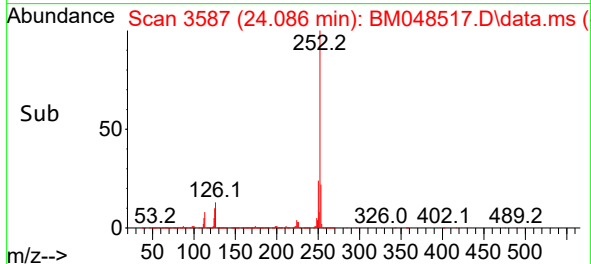
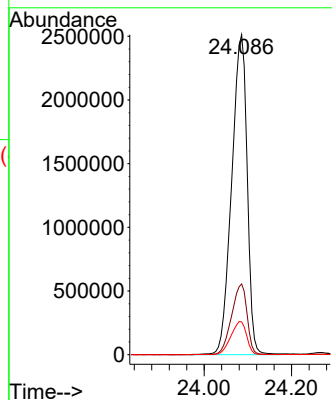
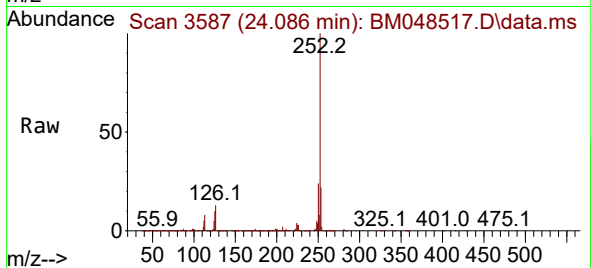
Tgt Ion:252 Resp: 6171098

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.3 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 153.949 ng/ul

RT: 27.509 min Scan# 4169

Delta R.T. 0.041 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

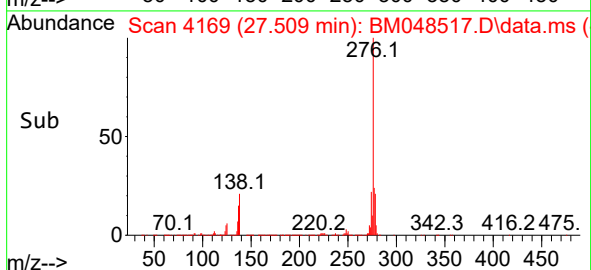
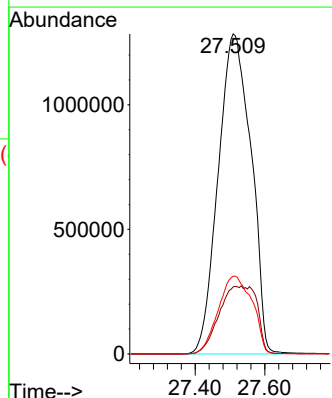
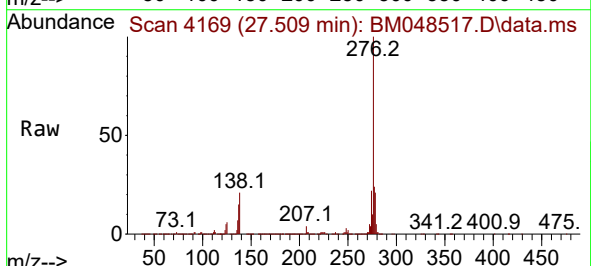
Tgt Ion:276 Resp: 8406297

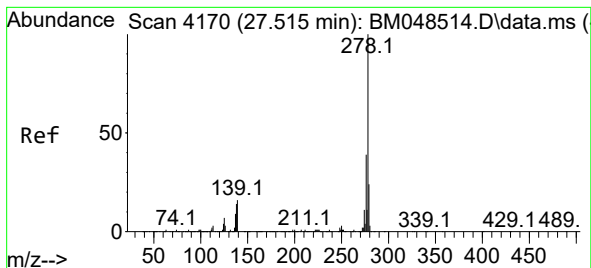
Ion Ratio Lower Upper

276 100

138 21.0 16.2 24.2

277 24.3 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 147.568 ng/ul

RT: 27.574 min Scan# 41

Delta R.T. 0.059 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Instrument :

BNA_M

ClientSampleId :

SSTD160046

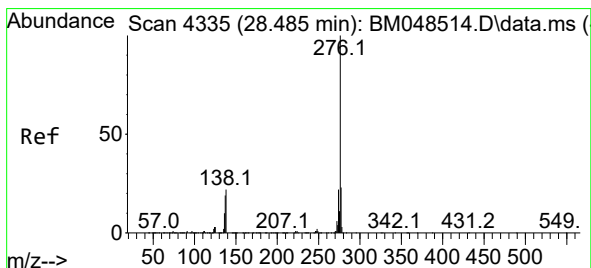
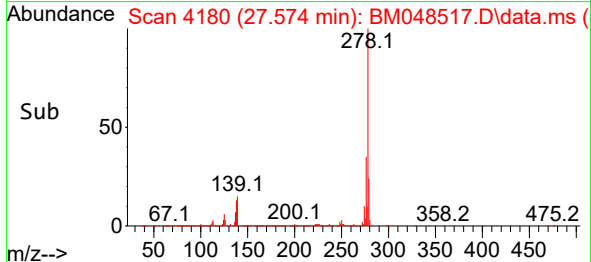
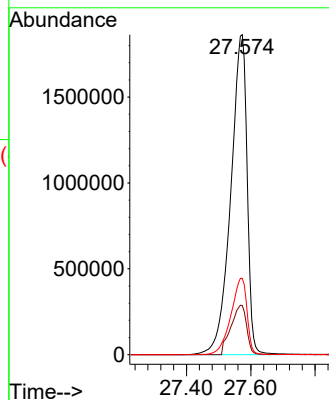
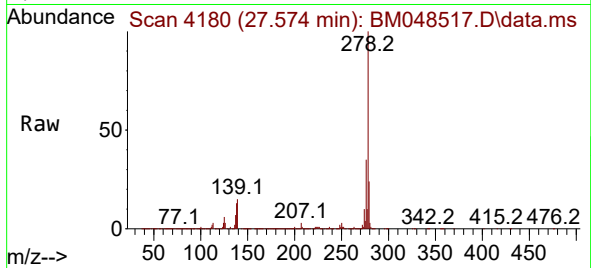
Tgt Ion:278 Resp: 6590129

Ion Ratio Lower Upper

278 100

139 15.4 12.6 18.8

279 23.9 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 158.879 ng/ul

RT: 28.544 min Scan# 4345

Delta R.T. 0.059 min

Lab File: BM048517.D

Acq: 07 Nov 2024 18:37

Tgt Ion:276 Resp: 6657599

Ion Ratio Lower Upper

276 100

138 21.5 17.6 26.4

277 23.6 18.6 28.0

