

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018809.D
 Acq On : 13 Dec 2023 15:29
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Dec 13 21:38:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	225070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	851178	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	535567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1227768	20.000	ng/ul	-0.01
79) Chrysene-d12	21.304	240	1296118	20.000	ng/ul	0.00
88) Perylene-d12	23.663	264	1455806	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	48811	7.390	ng/uL	0.00
4) Pyridine-d5	3.681	84	333725	18.864	ng/ul	0.00
7) Phenol-d5	7.005	99	385310	17.059	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	225980	16.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	304523	17.279	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	300343	16.431	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	139714	18.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	143308	18.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	302990	18.866	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	390168	18.589	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	870269	18.207	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	987999	18.771	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	150475	19.178	ng/ul	0.00
60) Fluorene-d10	15.457	176	770291	19.198	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	121330	16.481	ng/ul	0.00
73) Anthracene-d10	17.310	188	1241235	19.230	ng/ul	-0.01
81) Pyrene-d10	19.551	212	1545414	15.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	1576057	18.567	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	52675	7.273	ng/uL	93
5) Pyridine	3.699	79	335743	18.793	ng/ul	98
6) Benzaldehyde	6.981	77	171238	14.684	ng/ul	96
8) Phenol	7.034	94	391021	17.653	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.263	93	316762	17.413	ng/ul	97
12) 2-Chlorophenol	7.399	128	306322	17.173	ng/ul	99
13) 2-Methylphenol	8.281	108	280791	16.559	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	363860	15.764	ng/ul	97
16) Acetophenone	8.663	105	454030	16.667	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	214038	14.282	ng/ul	97
18) 4-Methylphenol	8.610	108	303877	16.411	ng/ul	98
19) Hexachloroethane	8.910	117	130034	17.782	ng/ul	92
22) Nitrobenzene	9.040	77	335355	18.207	ng/ul	97
23) Isophorone	9.563	82	597263	15.904	ng/ul	99
25) 2-Nitrophenol	9.752	139	157553	18.735	ng/ul	96
26) 2,4-Dimethylphenol	9.810	107	300637	18.279	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.052	93	401018	16.914	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	294924	19.065	ng/ul	97
30) Naphthalene	10.681	128	973342	18.850	ng/ul	100
32) 4-Chloroaniline	10.793	127	378041	18.898	ng/ul	99
33) Hexachlorobutadiene	10.963	225	218945	21.133	ng/ul	99
34) Caprolactam	11.569	113	75493	15.915	ng/ul	90
35) 4-Chloro-3-methylphenol	11.922	107	294062	16.969	ng/ul	98
36) 2-Methylnaphthalene	12.293	142	656676	17.951	ng/ul	99

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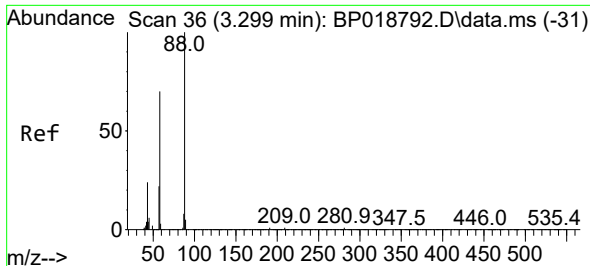
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	656596	17.774	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	401565	20.666	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	183694	15.949	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	234385	18.751	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	260379	19.214	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	873712	18.863	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	708953	19.379	ng/ul	99
45) 2-Nitroaniline	13.551	65	169641	17.105	ng/ul	95
47) Dimethylphthalate	13.928	163	857662	18.228	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	160858	18.095	ng/ul	92
50) Acenaphthylene	14.187	152	1120988	18.943	ng/ul	100
51) 3-Nitroaniline	14.375	138	163986	18.480	ng/ul	99
52) Acenaphthene	14.528	153	743942	19.013	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	66372	14.088	ng/ul	96
55) 4-Nitrophenol	14.681	109	117209	19.773	ng/ul	97
56) Dibenzofuran	14.863	168	1063526	19.557	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	239003	19.113	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.087	232	223881	19.695	ng/ul	97
59) Diethylphthalate	15.292	149	829311	18.012	ng/ul	99
61) Fluorene	15.510	166	846456	19.671	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	450303	19.953	ng/ul	95
63) 4-Nitroaniline	15.539	138	166978	19.752	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	135220	17.180	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	733276	18.024	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	284164	18.333	ng/ul	96
69) Hexachlorobenzene	16.516	284	336448	19.441	ng/ul	95
70) Atrazine	16.681	200	171315	14.163	ng/ul	98
71) Pentachlorophenol	16.863	266	192097	18.664	ng/ul	100
72) Phenanthrene	17.257	178	1418275	19.127	ng/ul	99
74) Anthracene	17.345	178	1442910	19.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	397761	18.736	ng/ul	99
76) Pentachlorobenzene	14.781	250	392944	18.843	ng/ul	99
77) Carbazole	17.622	167	1296942	21.894	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1425205	18.068	ng/ul	100
80) Fluoranthene	19.222	202	1758545	14.746	ng/ul	99
82) Pyrene	19.575	202	1860537	15.464	ng/ul	98
83) Butylbenzylphthalate	20.457	149	658328	14.947	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	572526	18.177	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1943098	18.470	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	963113	15.909	ng/ul	99
87) Chrysene	21.339	228	1829194	18.881	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	1662565	15.641	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1915153	17.842	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1976567	19.032	ng/ul	98
93) Benzo(a)pyrene	23.563	252	1821373	18.571	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.115	276	2218902	18.935	ng/ul	97
95) Dibenzo(a,h)anthracene	26.133	278	1848301	18.961	ng/ul	98
96) Benzo(g,h,i)perylene	26.868	276	1767772	18.745	ng/ul	96

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

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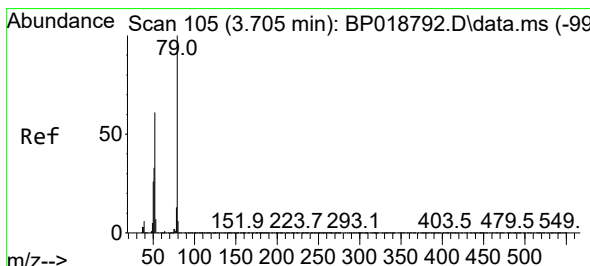
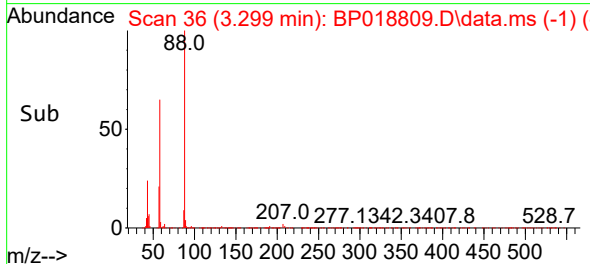
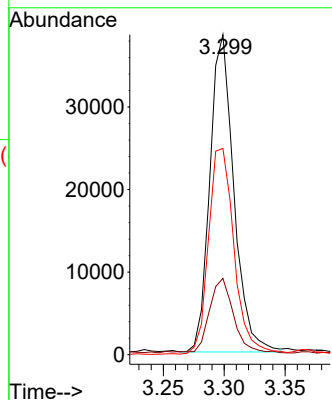
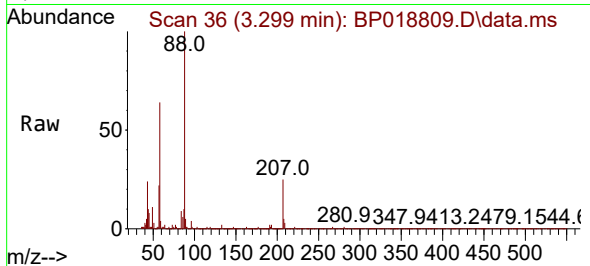




#2
1,4-Dioxane
Concen: 7.273 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

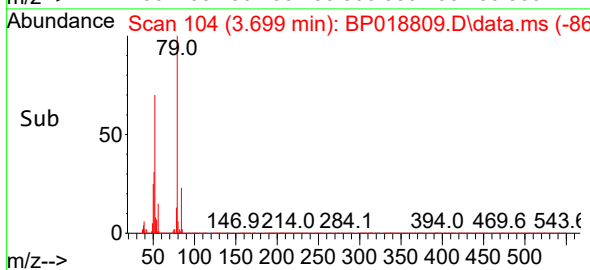
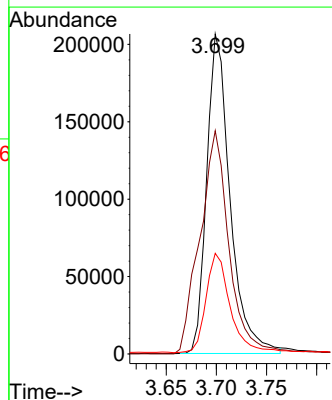
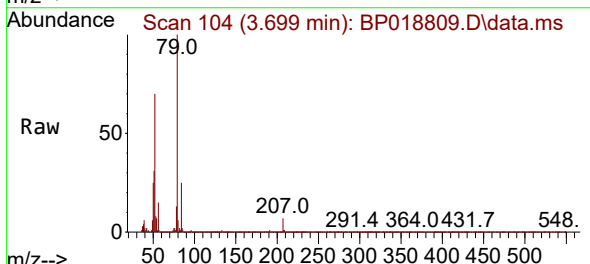
Instrument :
BNA_P
ClientSampleId :
SSTD020723

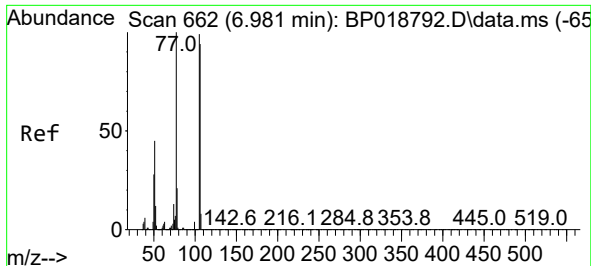
Tgt Ion:	88	Resp:	52675
Ion	Ratio	Lower	Upper
88	100		
43	23.8	21.8	32.6
58	64.5	56.5	84.7



#5
Pyridine
Concen: 18.793 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:	79	Resp:	335743
Ion	Ratio	Lower	Upper
79	100		
52	69.8	57.4	86.0
51	31.4	26.2	39.4

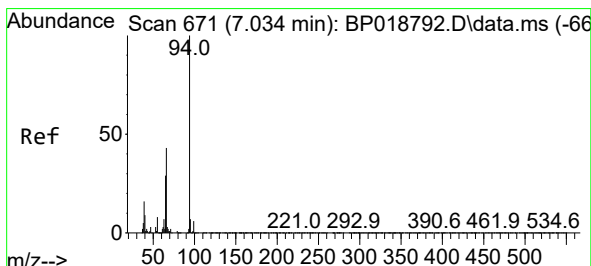
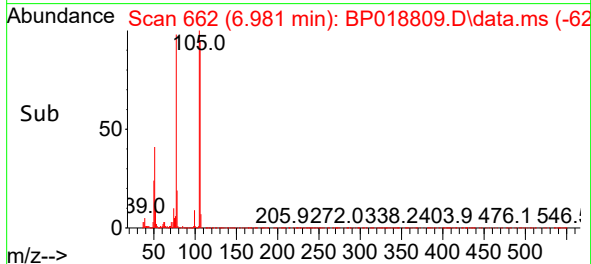
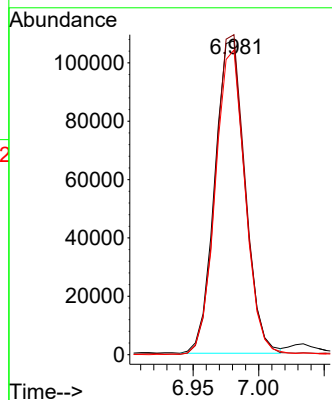
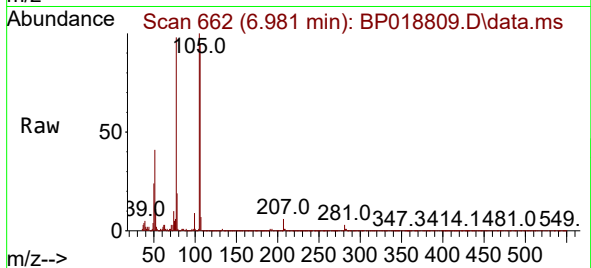




#6
Benzaldehyde
Concen: 14.684 ng/ul
RT: 6.981 min Scan# 609
Delta R.T. 0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

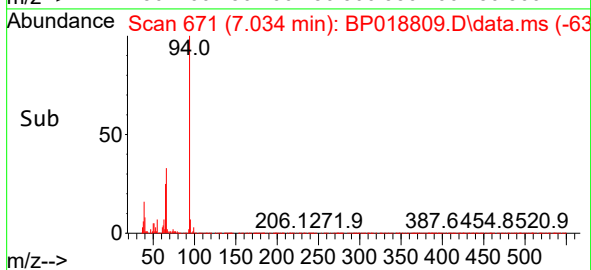
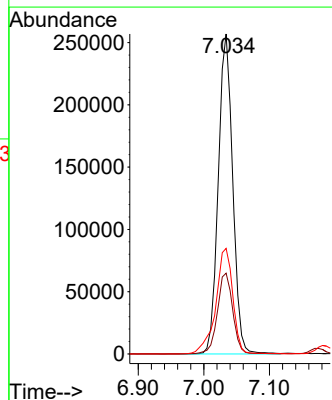
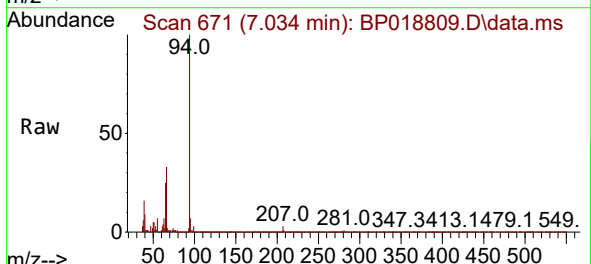
Instrument :
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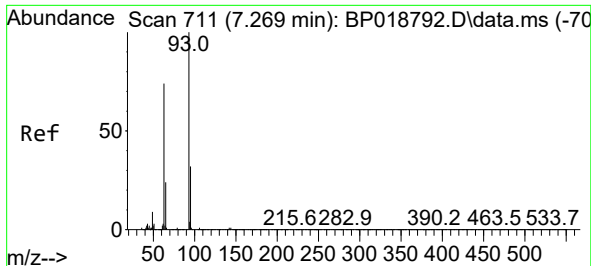
Tgt Ion: 77 Resp: 171238
Ion Ratio Lower Upper
77 100
105 102.0 77.9 116.9
106 97.1 74.6 111.8



#8
Phenol
Concen: 17.653 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion: 94 Resp: 391021
Ion Ratio Lower Upper
94 100
65 25.3 21.0 31.6
66 33.0 28.6 43.0

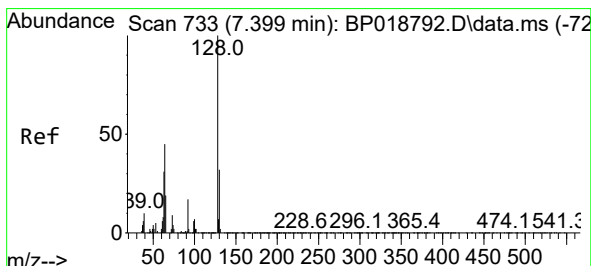
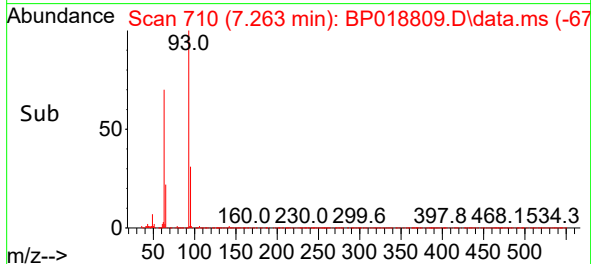
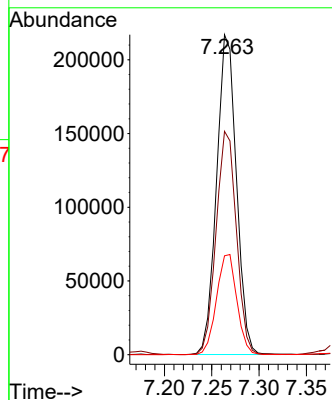
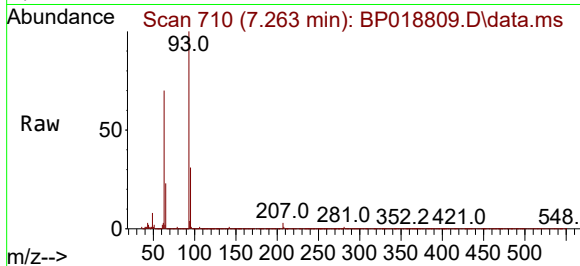




#10
Bis(2-Chloroethyl)ether
Concen: 17.413 ng/ul
RT: 7.263 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

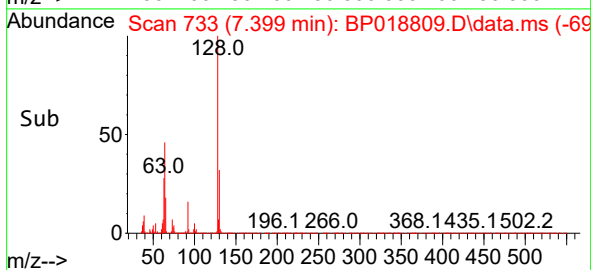
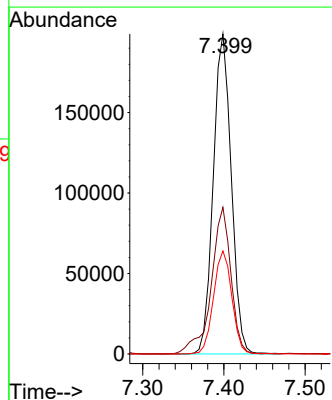
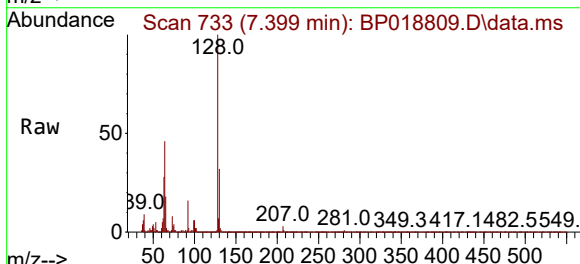
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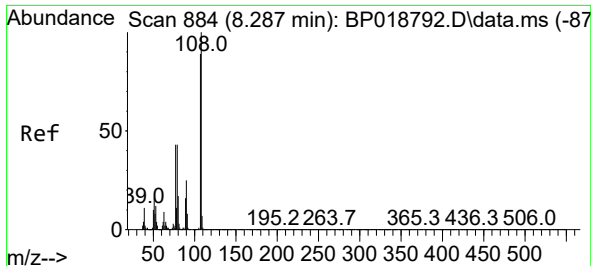
Tgt Ion: 93 Resp: 316762
Ion Ratio Lower Upper
93 100
63 69.8 58.3 87.5
95 30.9 25.9 38.9



#12
2-Chlorophenol
Concen: 17.173 ng/ul
RT: 7.399 min Scan# 733
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:128 Resp: 306322
Ion Ratio Lower Upper
128 100
64 45.8 37.0 55.4
130 32.2 26.8 40.2





#13

2-Methylphenol

Concen: 16.559 ng/ul

RT: 8.281 min Scan# 884

Delta R.T. 0.000 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

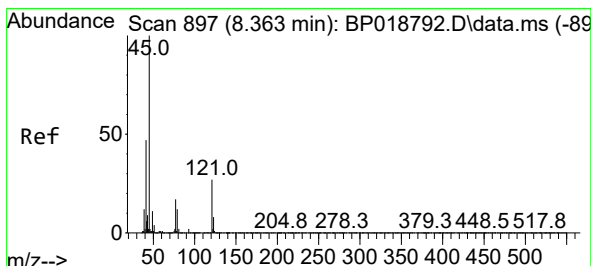
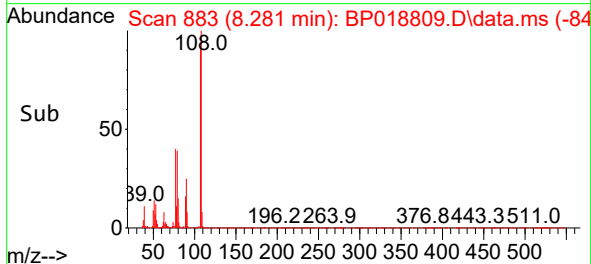
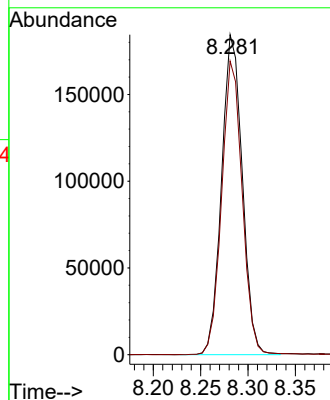
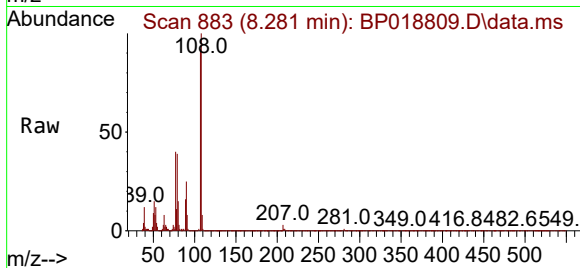
SSTD020723

Tgt Ion:108 Resp: 280791

Ion Ratio Lower Upper

108 100

107 91.8 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.764 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP018809.D

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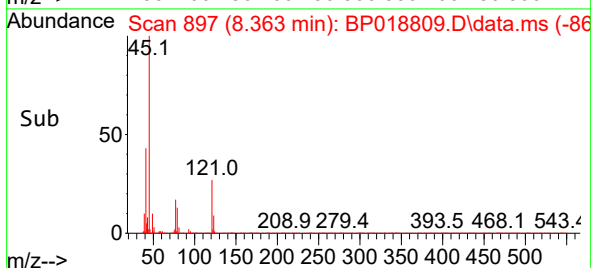
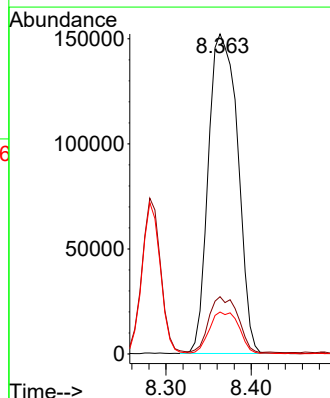
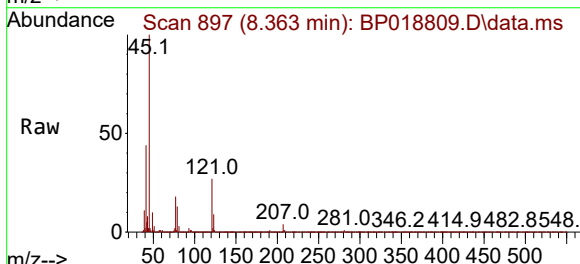
Tgt Ion: 45 Resp: 363860

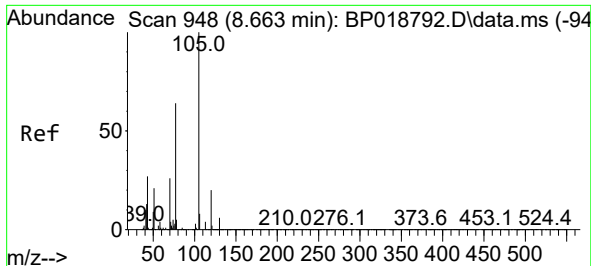
Ion Ratio Lower Upper

45 100

77 17.9 12.7 19.1

79 13.1 10.5 15.7

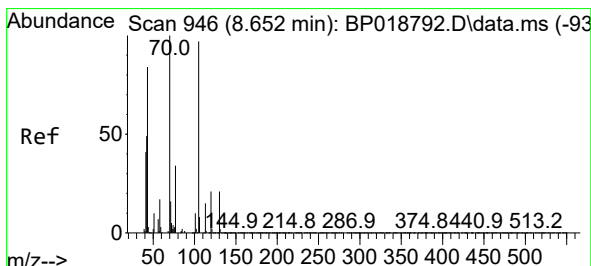
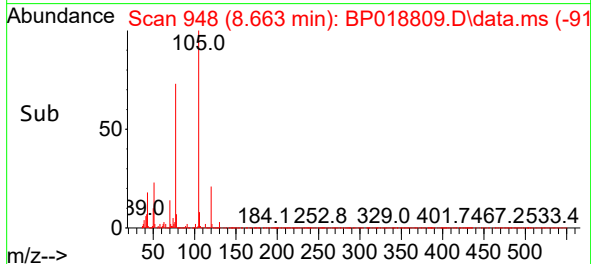
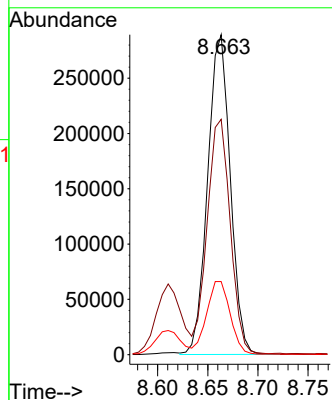
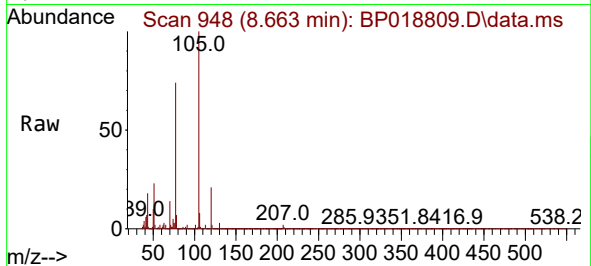




#16
Acetophenone
Concen: 16.667 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP018809.D
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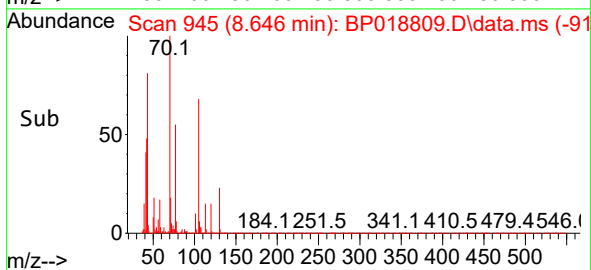
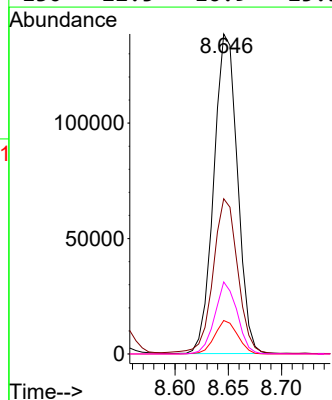
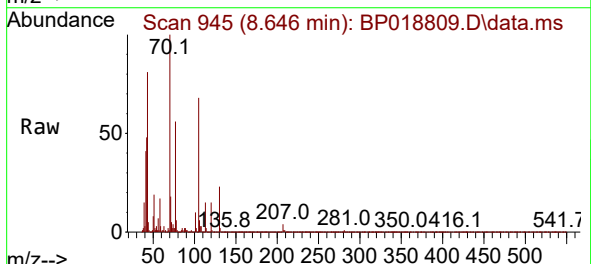
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ClientSampleId :
SSTD020723

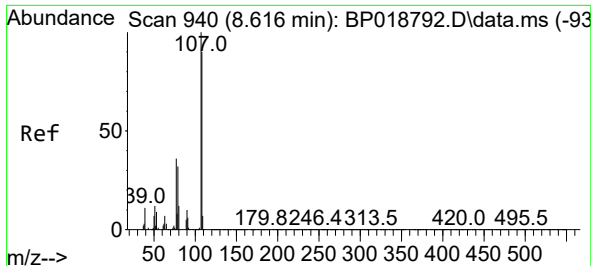
Tgt Ion:105 Resp: 454030
Ion Ratio Lower Upper
105 100
77 73.6 59.4 89.0
51 22.9 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 14.282 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion: 70 Resp: 214038
Ion Ratio Lower Upper
70 100
42 48.5 41.0 61.4
101 10.5 7.8 11.8
130 22.5 16.9 25.3

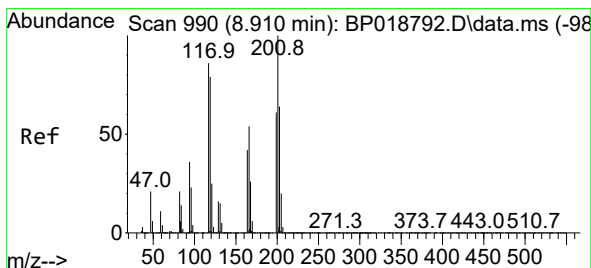
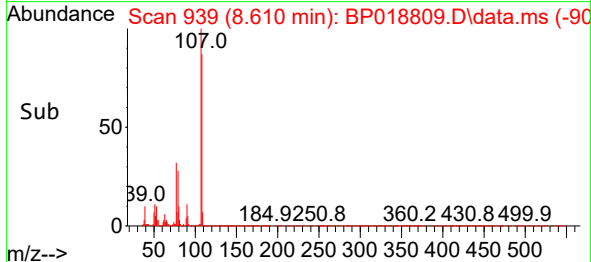
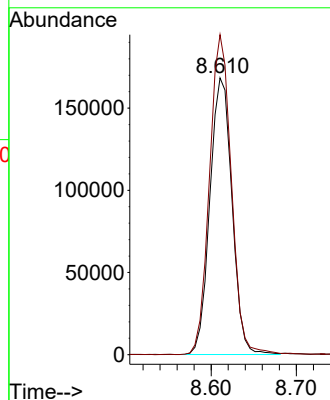
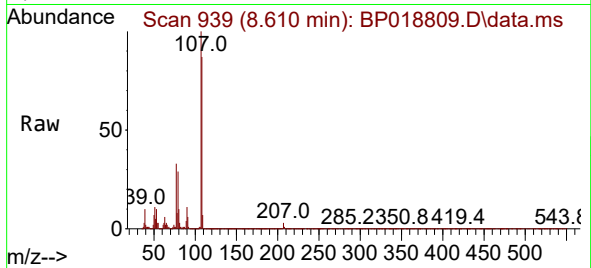




#18
4-Methylphenol
Concen: 16.411 ng/ul
RT: 8.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

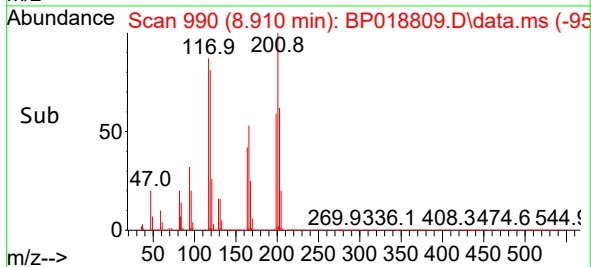
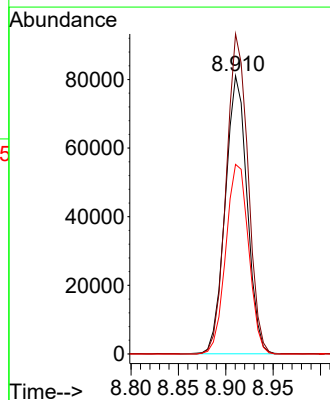
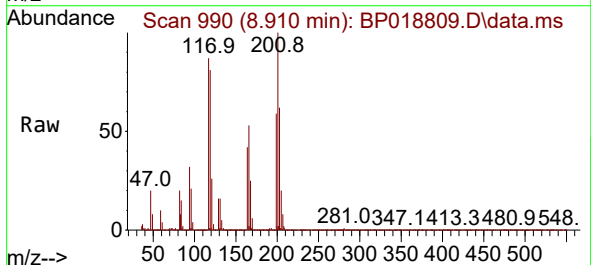
Instrument :
BNA_P
ClientSampleId :
SSTD020723

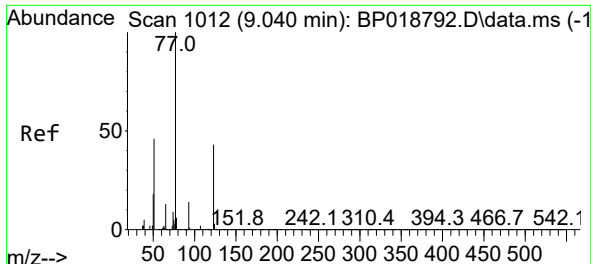
Tgt Ion:108 Resp: 303877
Ion Ratio Lower Upper
108 100
107 115.6 90.6 136.0



#19
Hexachloroethane
Concen: 17.782 ng/ul
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:117 Resp: 130034
Ion Ratio Lower Upper
117 100
201 115.1 83.7 125.5
199 68.2 52.3 78.5

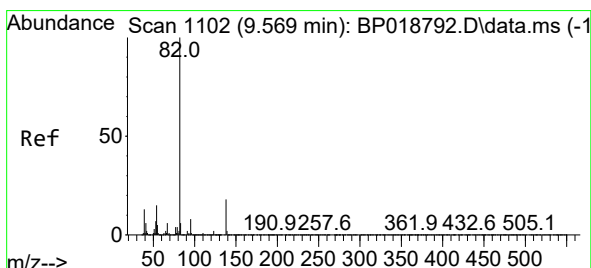
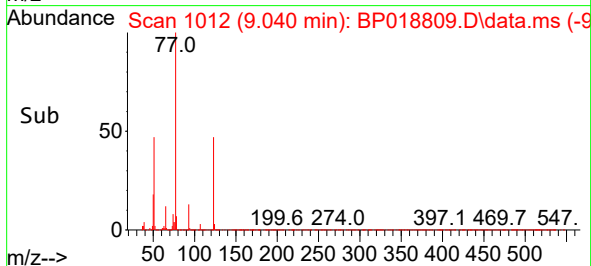
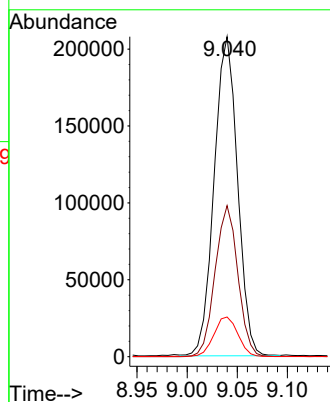
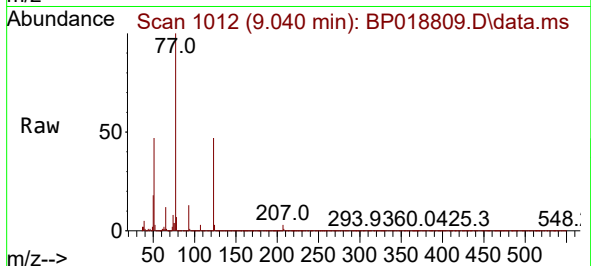




#22
Nitrobenzene
Concen: 18.207 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

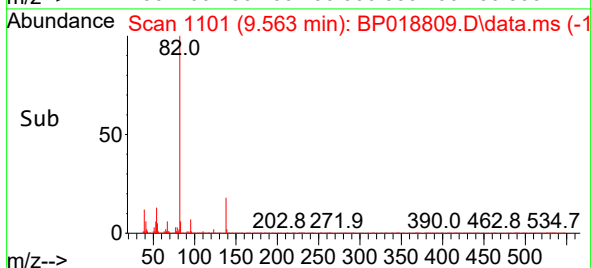
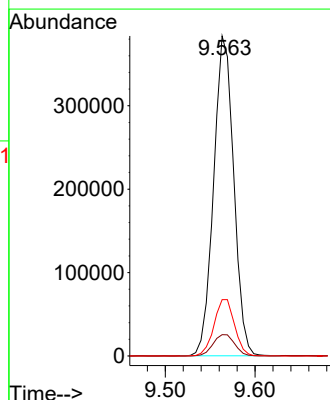
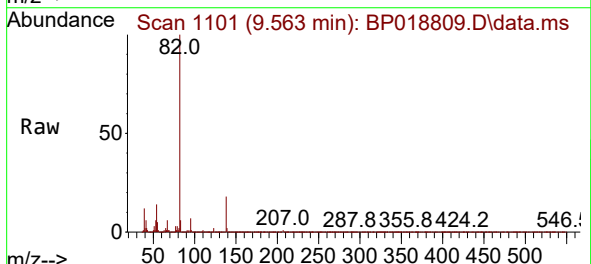
Instrument :
BNA_P
ClientSampleId :
SSTD020723

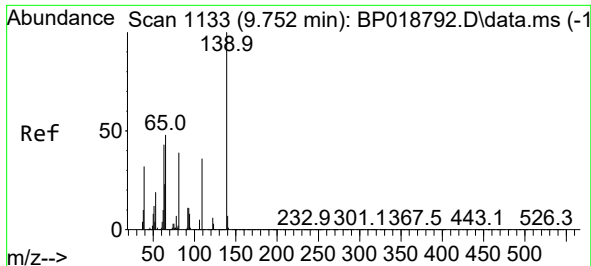
Tgt Ion: 77 Resp: 335355
Ion Ratio Lower Upper
77 100
123 47.2 35.8 53.8
65 12.4 10.5 15.7



#23
Isophorone
Concen: 15.904 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion: 82 Resp: 597263
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 13.5 20.3

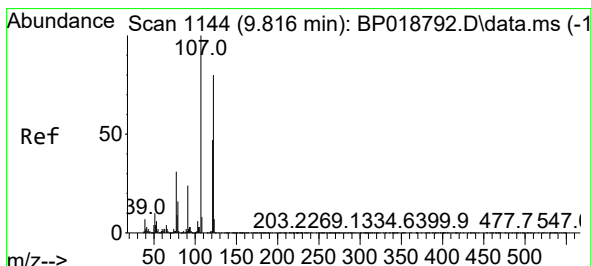
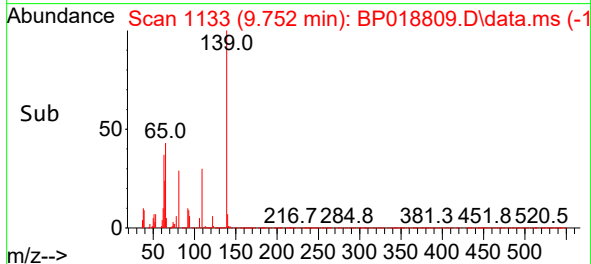
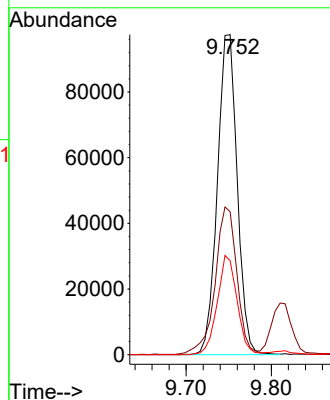
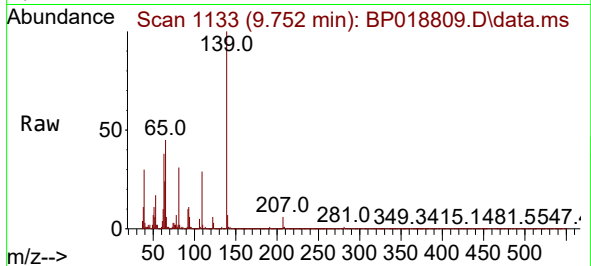




#25
2-Nitrophenol
Concen: 18.735 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

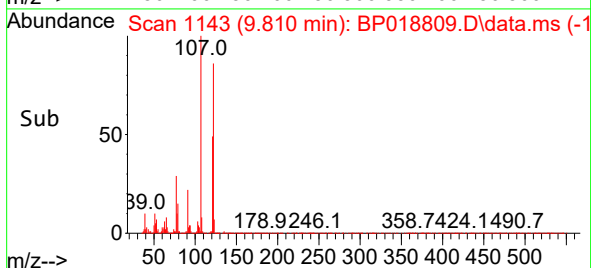
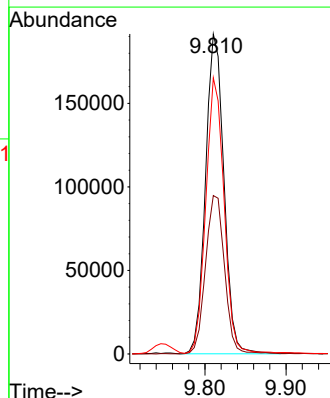
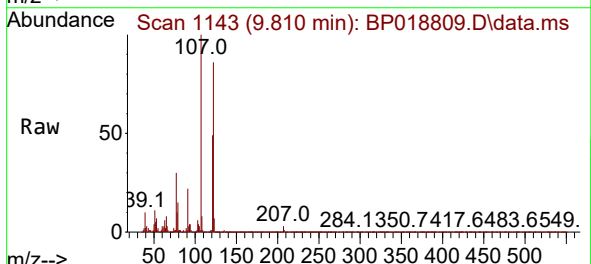
Instrument :
BNA_P
ClientSampleId :
SSTD020723

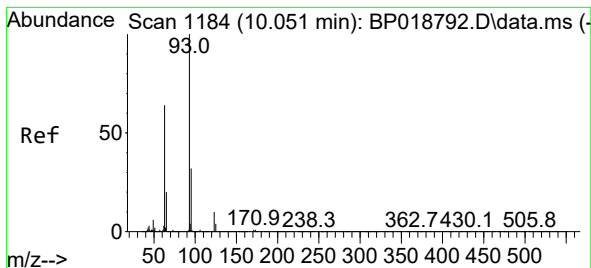
Tgt Ion:139 Resp: 157553
Ion Ratio Lower Upper
139 100
65 44.7 39.1 58.7
109 29.3 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 18.279 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:107 Resp: 300637
Ion Ratio Lower Upper
107 100
121 49.5 40.0 60.0
122 86.3 69.1 103.7

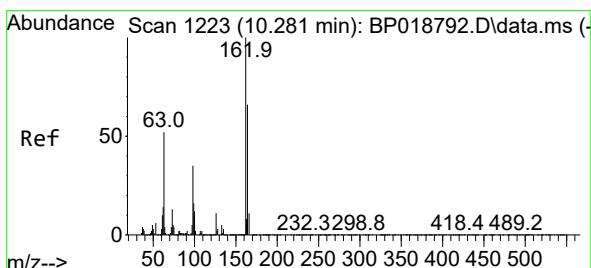
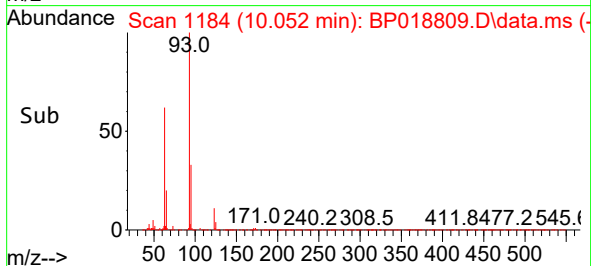
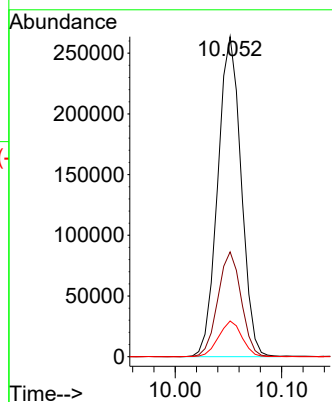
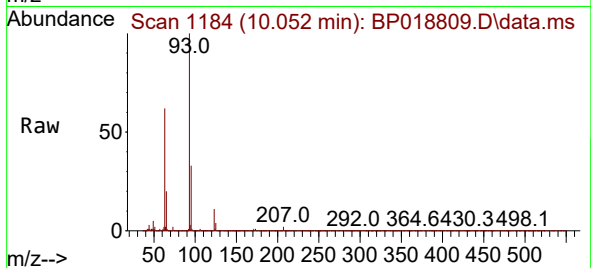




#27
 Bis(2-Chloroethoxy)methane
 Concen: 16.914 ng/ul
 RT: 10.052 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BP018809.D
 Acq: 13 Dec 2023 15:29

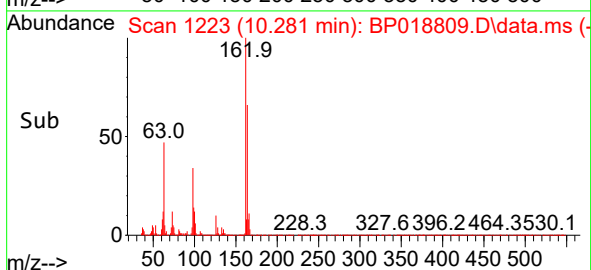
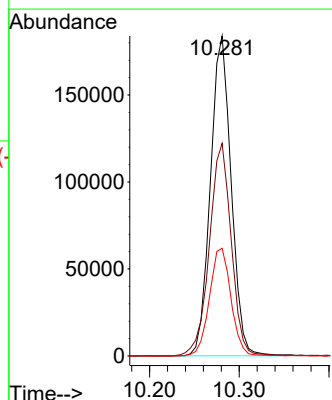
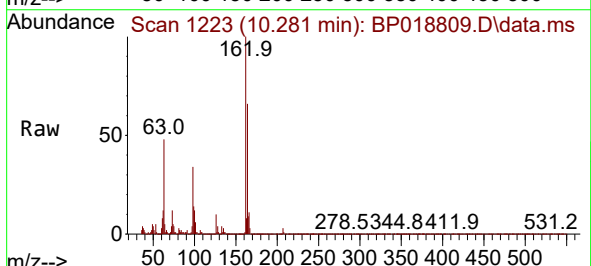
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

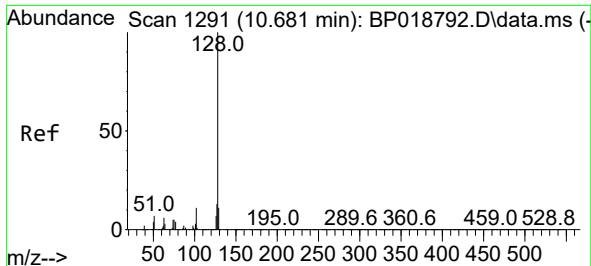
Tgt Ion: 93 Resp: 401018
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 11.2 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 19.065 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BP018809.D
 Acq: 13 Dec 2023 15:29

Tgt Ion:162 Resp: 294924
 Ion Ratio Lower Upper
 162 100
 164 66.5 51.7 77.5
 98 33.7 29.2 43.8

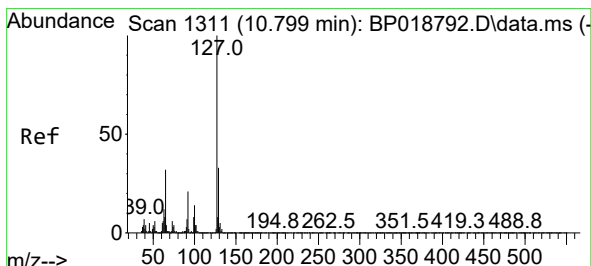
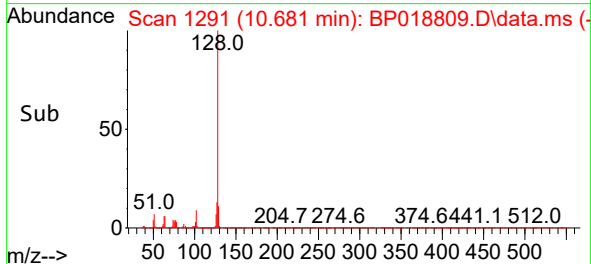
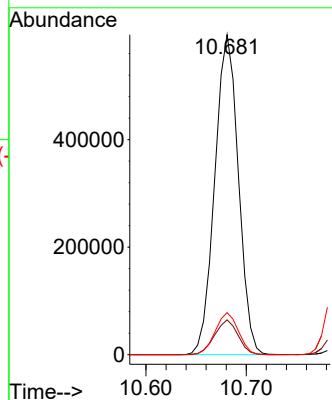
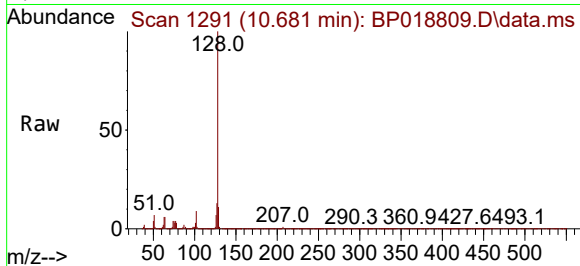




#30
Naphthalene
Concen: 18.850 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

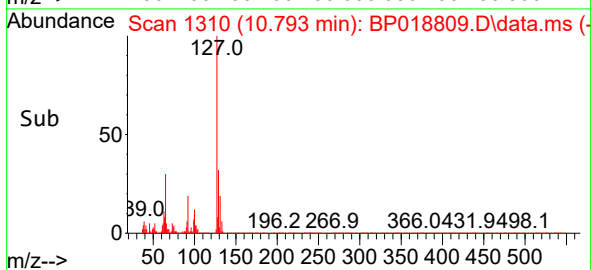
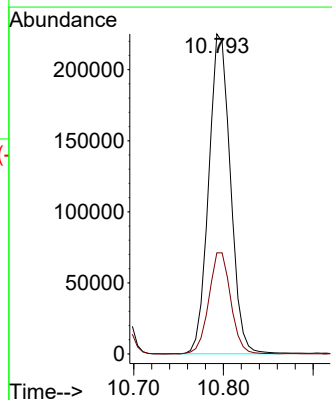
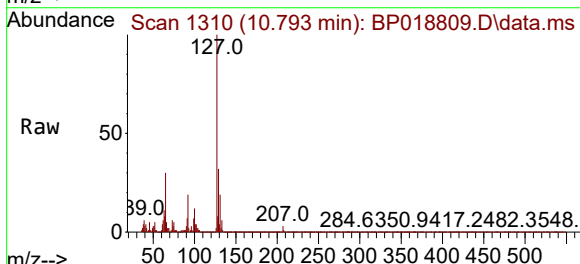
Instrument :
BNA_P
ClientSampleId :
SSTD020723

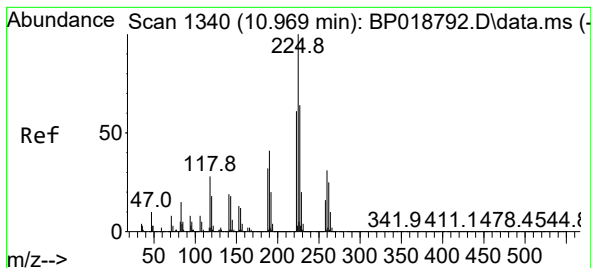
Tgt Ion:128 Resp: 973342
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 18.898 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:127 Resp: 378041
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4





#33

Hexachlorobutadiene

Concen: 21.133 ng/ul

RT: 10.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

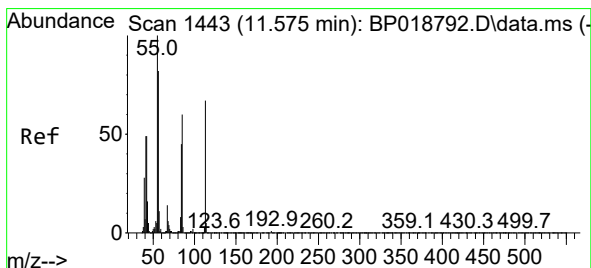
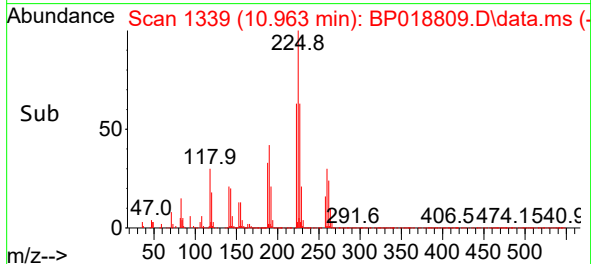
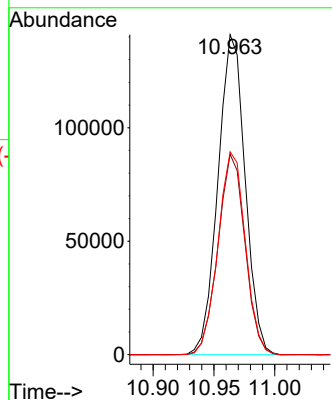
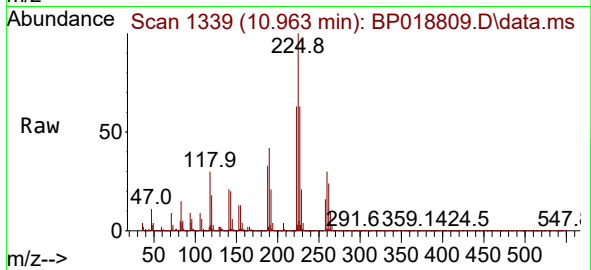
Tgt Ion:225 Resp: 218945

Ion Ratio Lower Upper

225 100

223 62.6 49.5 74.3

227 63.4 50.9 76.3



#34

Caprolactam

Concen: 15.915 ng/ul

RT: 11.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

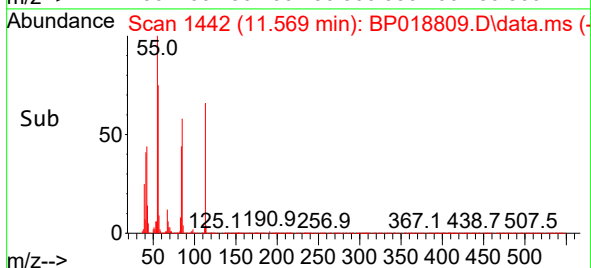
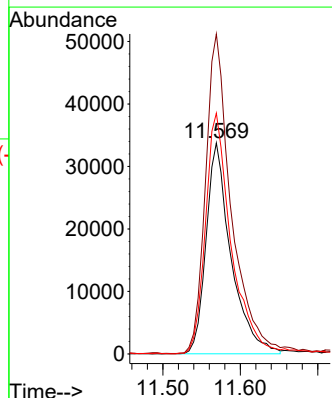
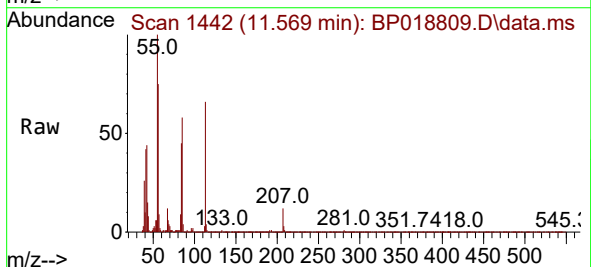
Tgt Ion:113 Resp: 75493

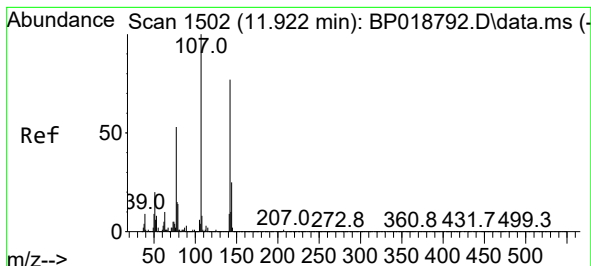
Ion Ratio Lower Upper

113 100

55 151.6 133.7 200.5

56 114.0 97.4 146.2

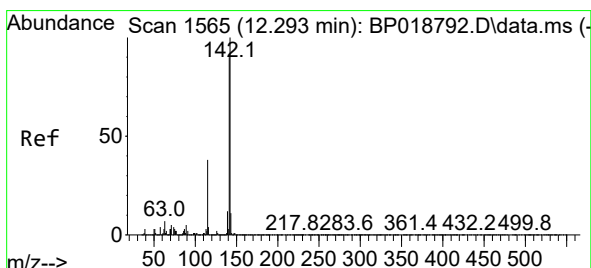
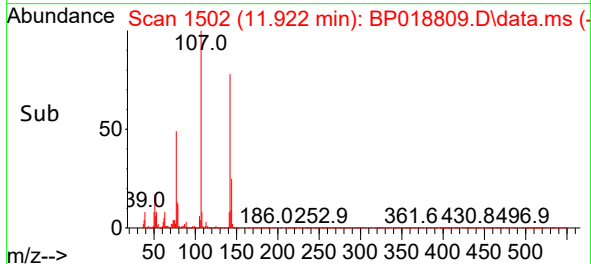
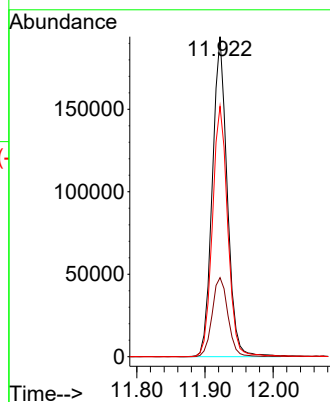
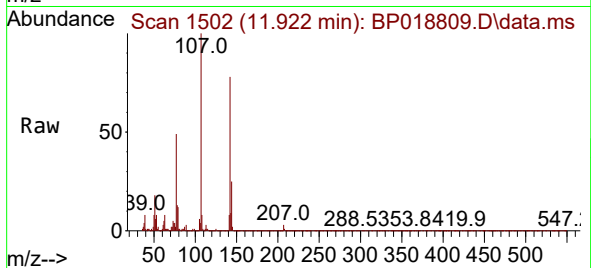




#35
4-Chloro-3-methylphenol
Concen: 16.969 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

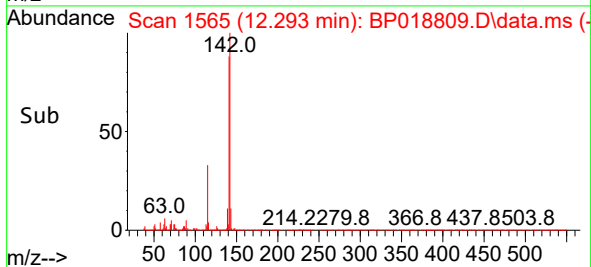
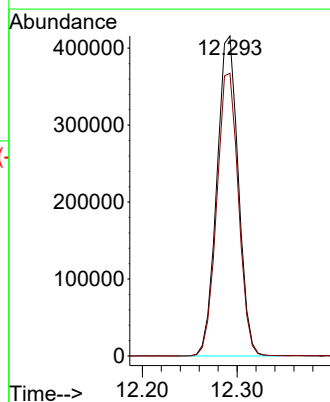
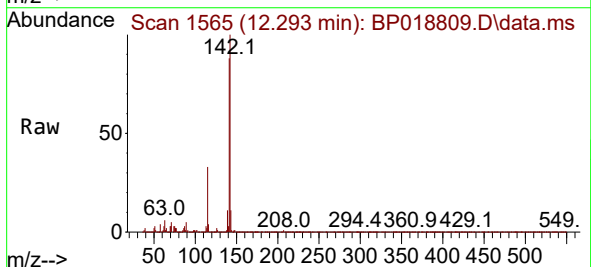
Instrument :
BNA_P
ClientSampleId :
SSTD020723

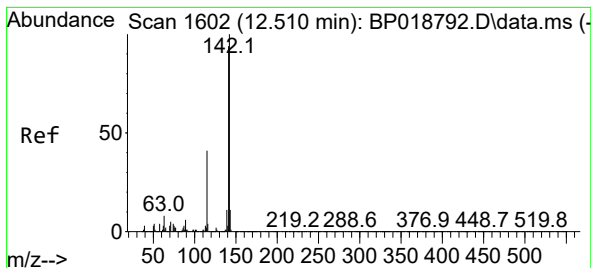
Tgt Ion:107 Resp: 294062
Ion Ratio Lower Upper
107 100
144 24.7 21.0 31.6
142 78.2 63.6 95.4



#36
2-Methylnaphthalene
Concen: 17.951 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:142 Resp: 656676
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#37

1-Methylnaphthalene

Concen: 17.774 ng/ul

RT: 12.510 min Scan# 1602

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

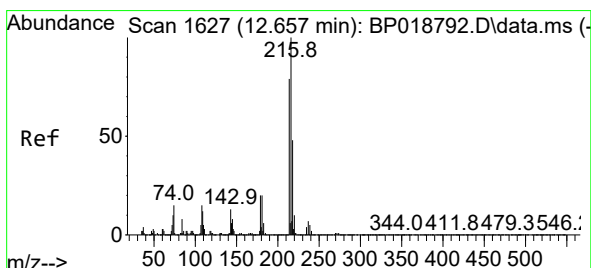
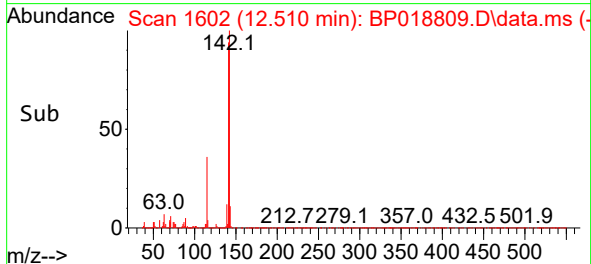
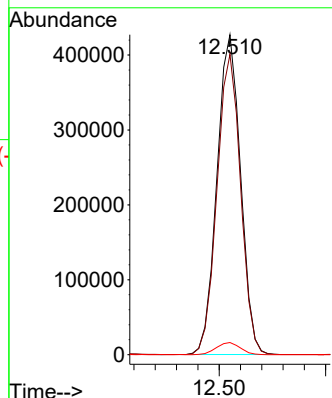
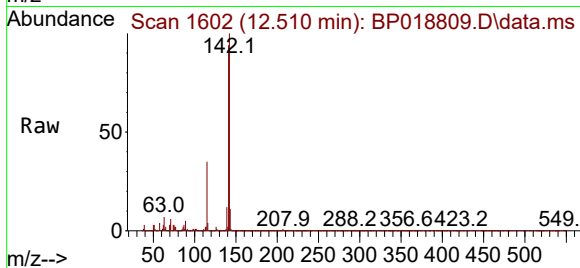
Tgt Ion:142 Resp: 656596

Ion Ratio Lower Upper

142 100

141 93.9 73.5 110.3

116 3.8 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.666 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Tgt Ion:216 Resp: 401565

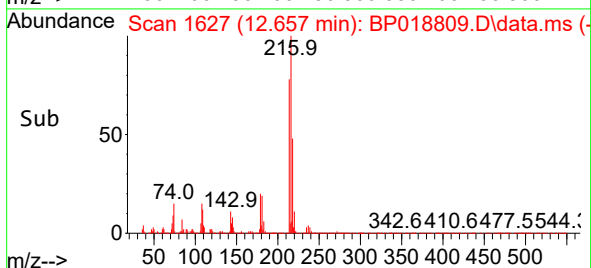
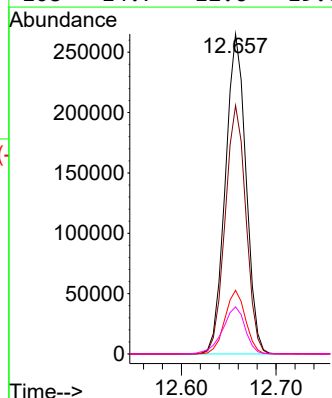
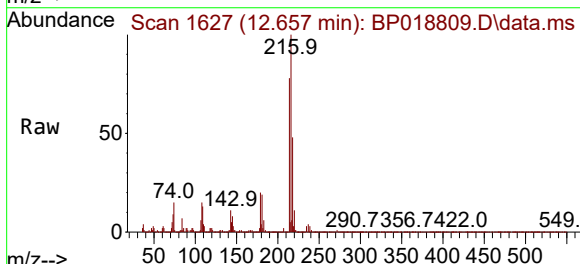
Ion Ratio Lower Upper

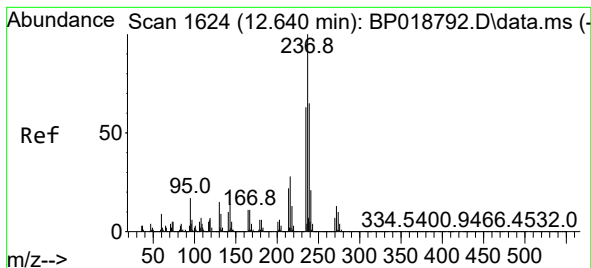
216 100

214 77.7 63.9 95.9

179 19.9 16.3 24.5

108 14.7 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 15.949 ng/ul

RT: 12.634 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

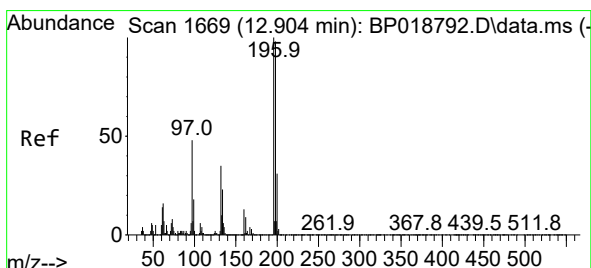
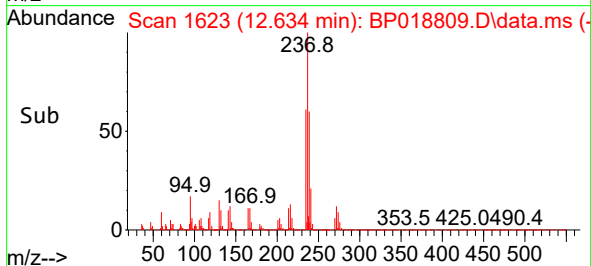
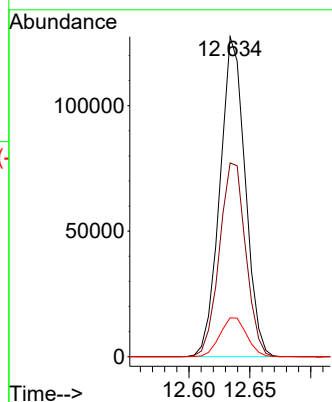
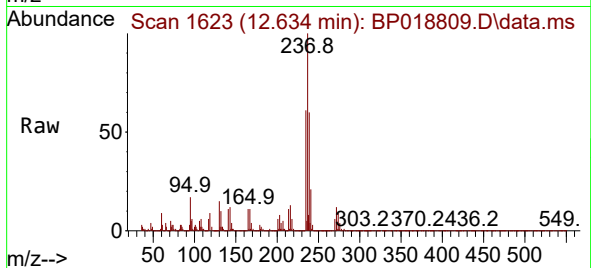
Tgt Ion:237 Resp: 183694

Ion Ratio Lower Upper

237 100

235 60.5 49.4 74.0

272 12.2 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 18.751 ng/ul

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

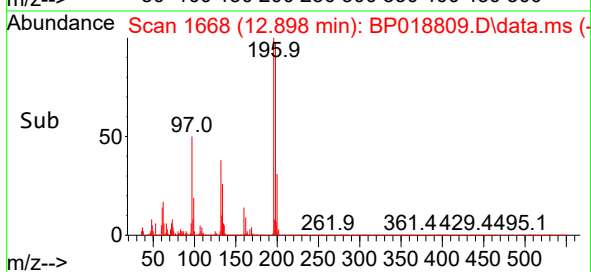
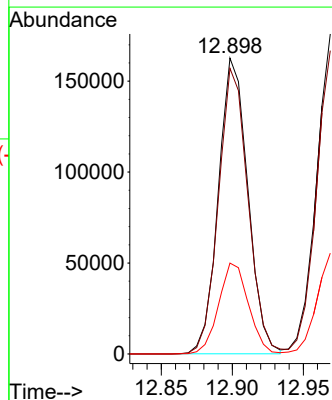
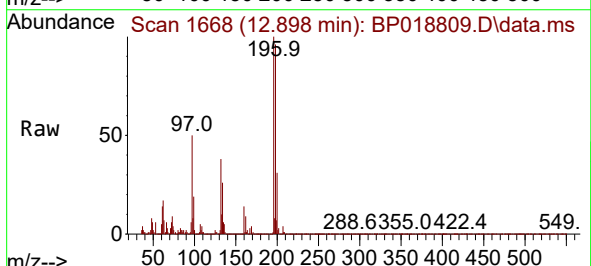
Tgt Ion:196 Resp: 234385

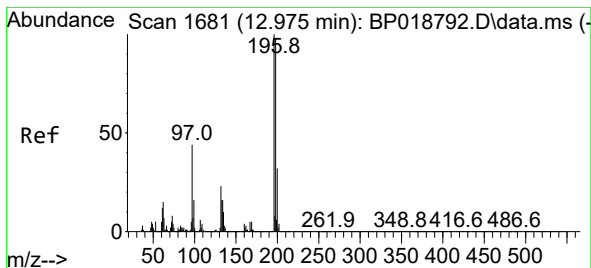
Ion Ratio Lower Upper

196 100

198 96.5 76.9 115.3

200 30.7 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 19.214 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

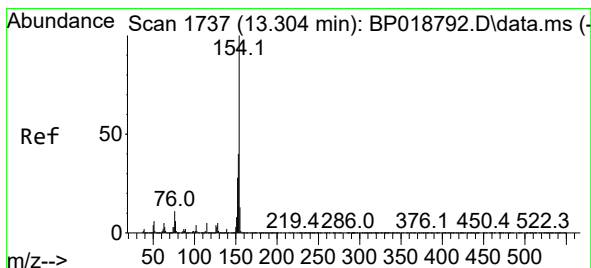
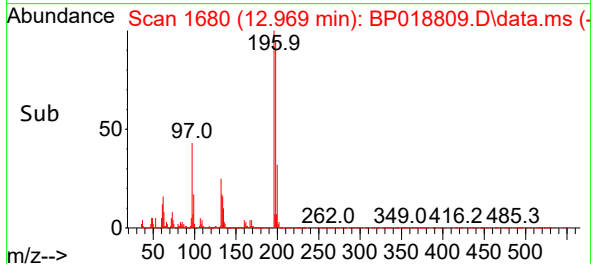
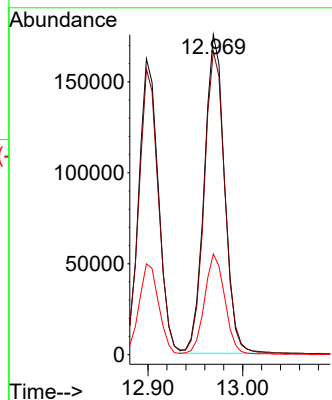
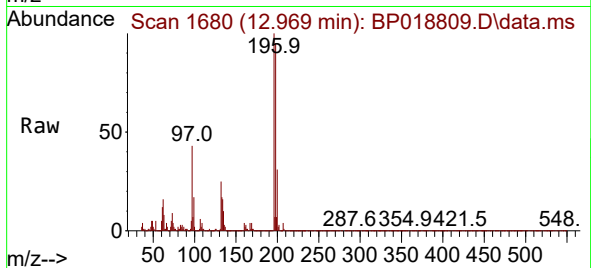
Tgt Ion:196 Resp: 260379

Ion Ratio Lower Upper

196 100

198 94.8 77.9 116.9

200 31.5 25.2 37.8



#43

1,1'-Biphenyl

Concen: 18.863 ng/ul

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

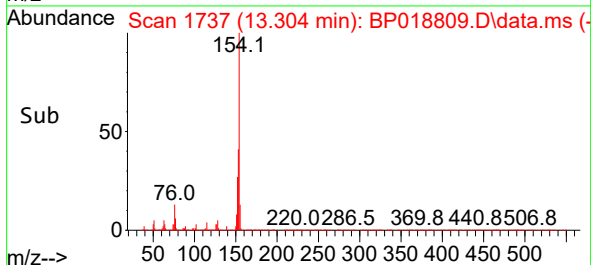
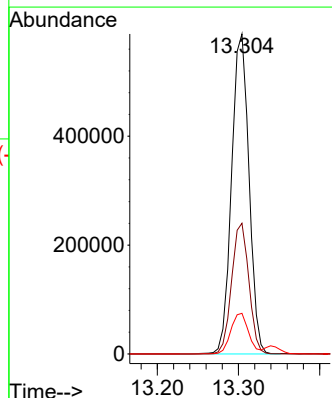
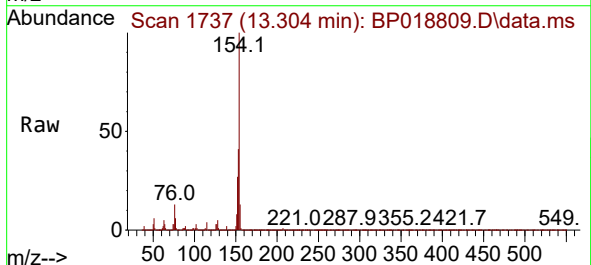
Tgt Ion:154 Resp: 873712

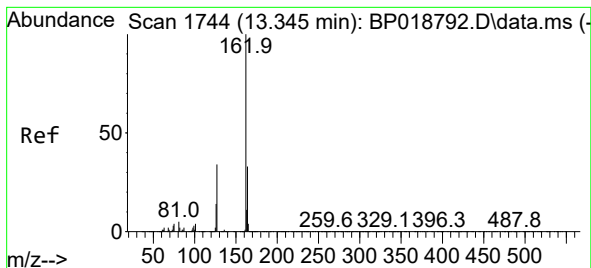
Ion Ratio Lower Upper

154 100

153 40.8 32.8 49.2

76 12.7 10.7 16.1

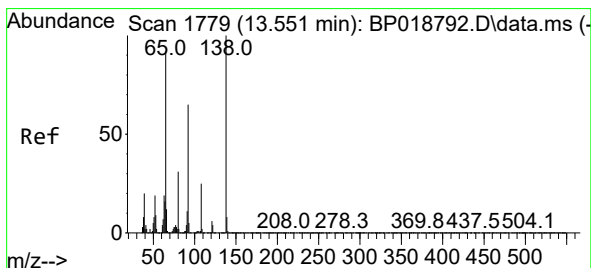
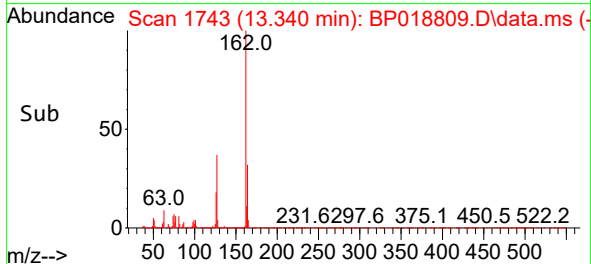
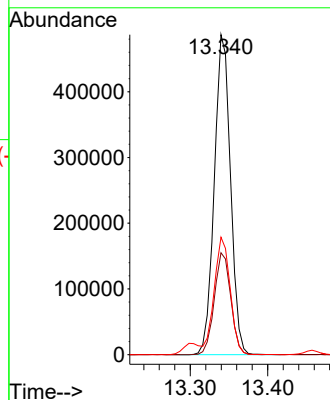
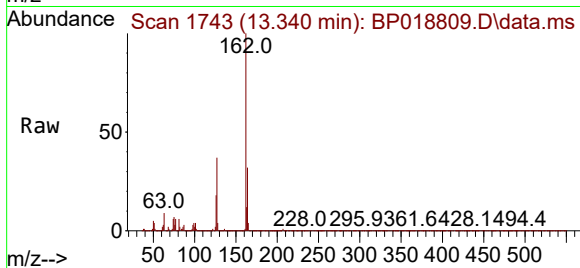




#44
2-Chloronaphthalene
Concen: 19.379 ng/ul
RT: 13.340 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

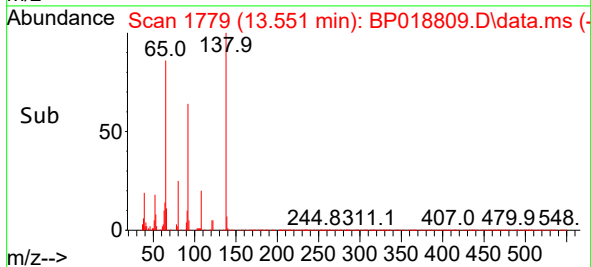
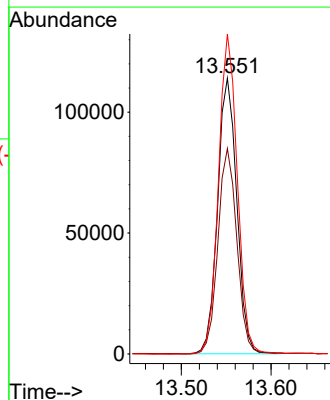
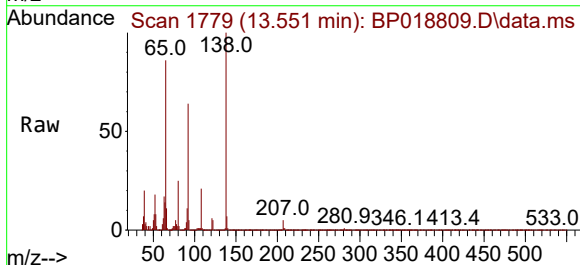
Instrument :
BNA_P
ClientSampleId :
SSTD020723

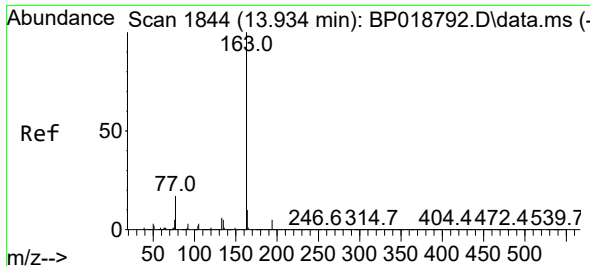
Tgt Ion:162 Resp: 708953
Ion Ratio Lower Upper
162 100
164 31.9 25.7 38.5
127 36.7 30.3 45.5



#45
2-Nitroaniline
Concen: 17.105 ng/ul
RT: 13.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion: 65 Resp: 169641
Ion Ratio Lower Upper
65 100
92 74.5 56.9 85.3
138 116.0 88.2 132.2

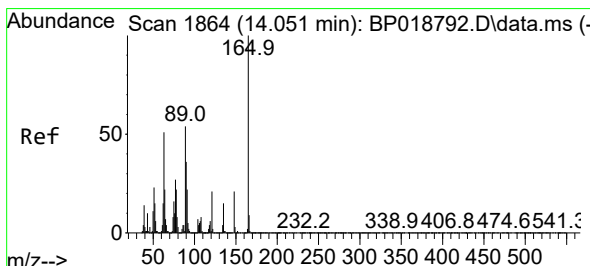
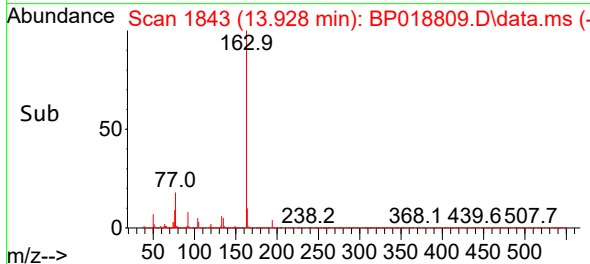
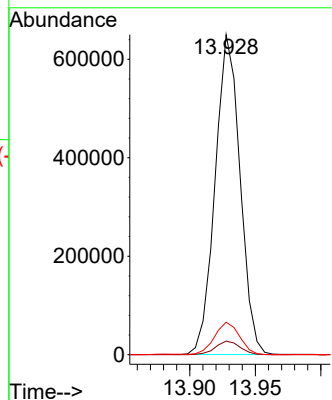
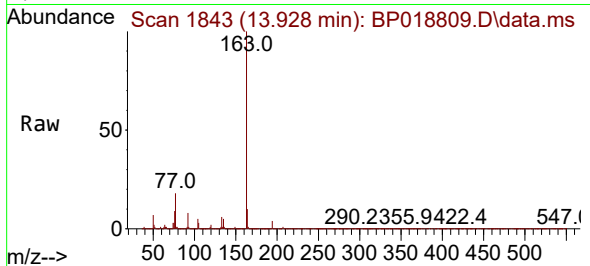




#47
Dimethylphthalate
Concen: 18.228 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

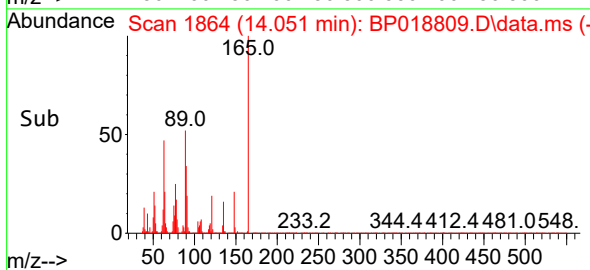
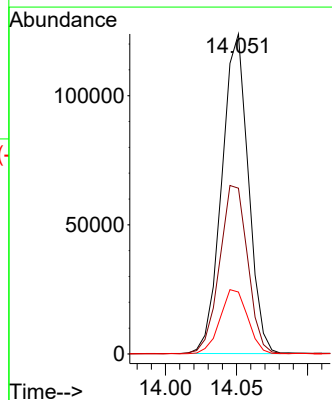
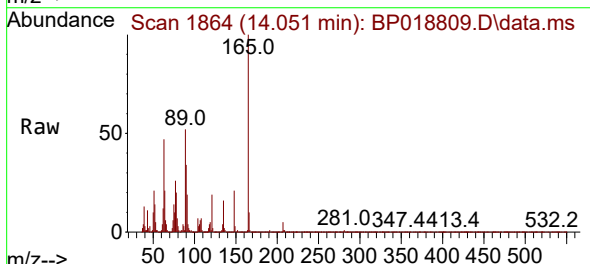
Instrument :
BNA_P
ClientSampleId :
SSTD020723

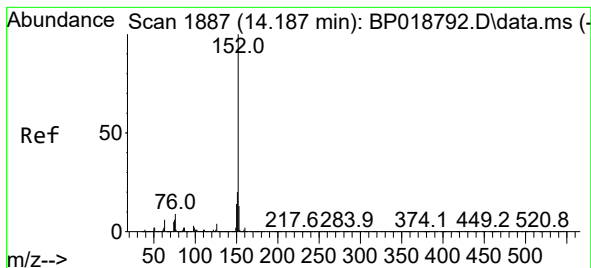
Tgt Ion:163 Resp: 857662
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 18.095 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:165 Resp: 160858
Ion Ratio Lower Upper
165 100
89 51.8 46.6 70.0
121 19.4 17.3 25.9





#50

Acenaphthylene

Concen: 18.943 ng/ul

RT: 14.187 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

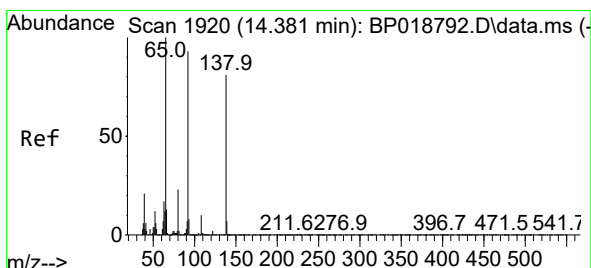
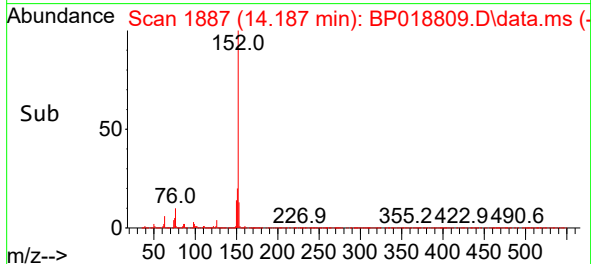
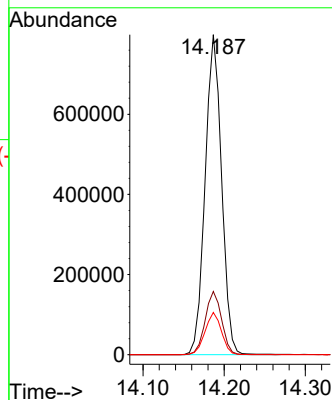
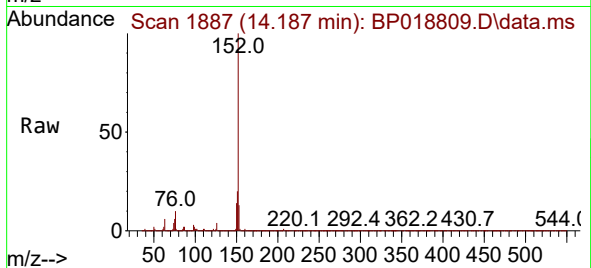
Tgt Ion:152 Resp: 1120988

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.2 10.6 16.0



#51

3-Nitroaniline

Concen: 18.480 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

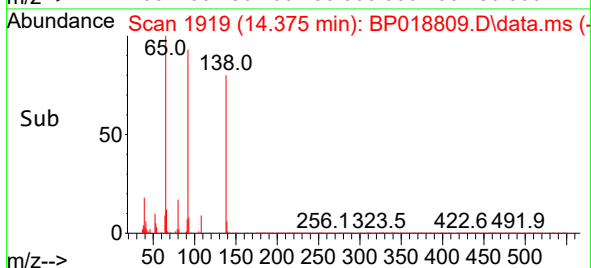
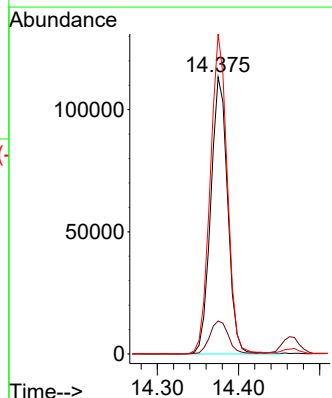
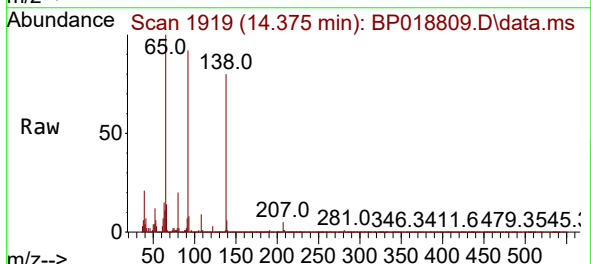
Tgt Ion:138 Resp: 163986

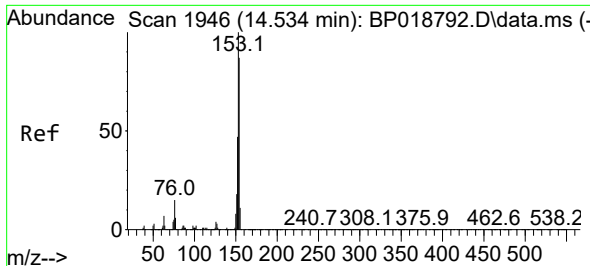
Ion Ratio Lower Upper

138 100

108 11.9 9.5 14.3

92 115.6 93.1 139.7

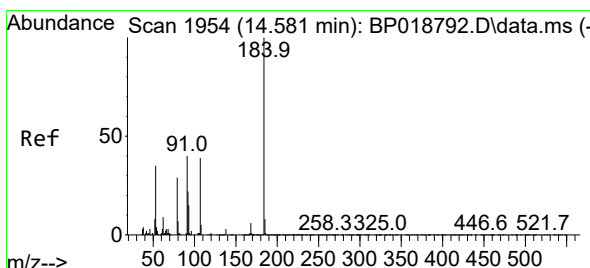
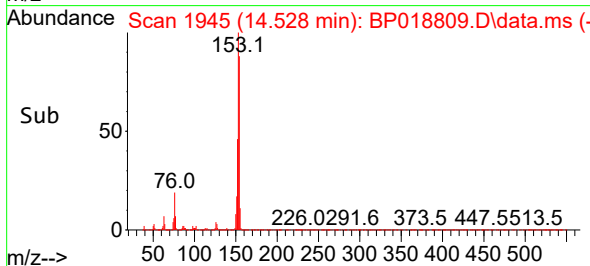
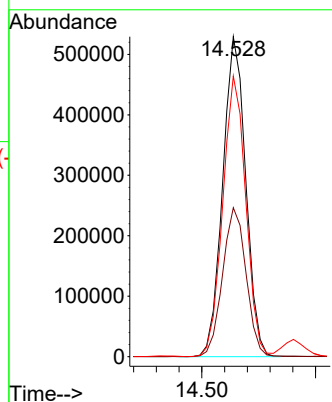
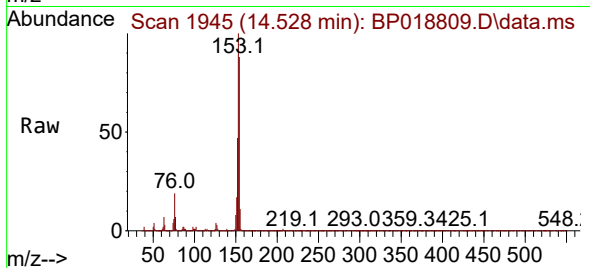




#52
Acenaphthene
Concen: 19.013 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

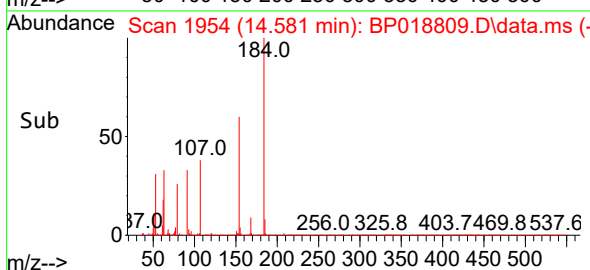
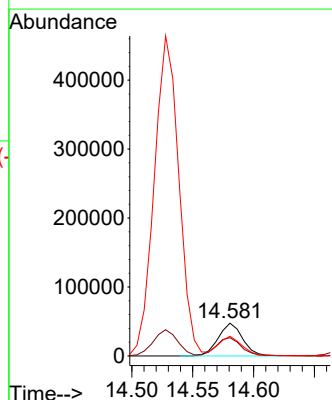
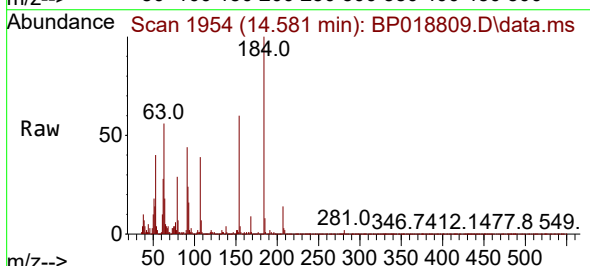
Instrument :
BNA_P
ClientSampleId :
SSTD020723

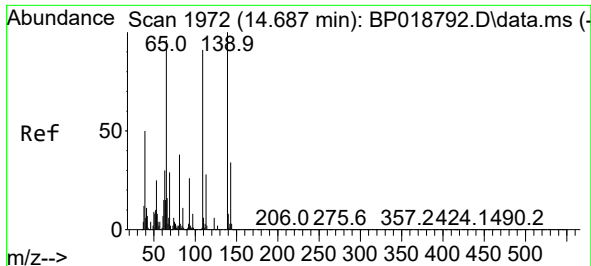
Tgt Ion:153 Resp: 743942
Ion Ratio Lower Upper
153 100
152 46.5 38.1 57.1
154 87.7 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 14.088 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:184 Resp: 66372
Ion Ratio Lower Upper
184 100
63 55.9 48.2 72.4
154 60.1 49.1 73.7

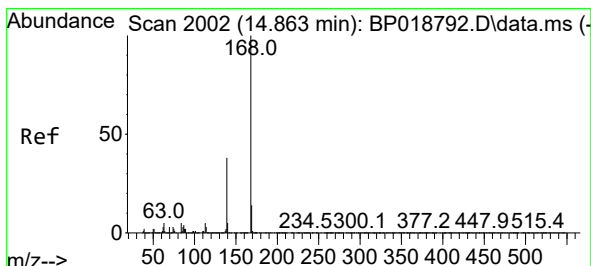
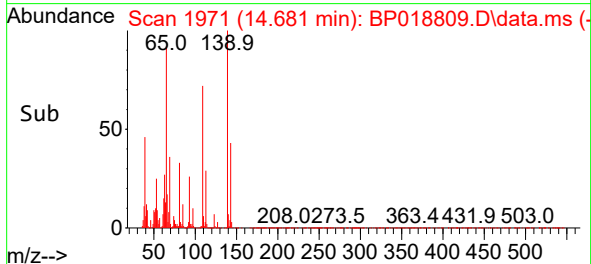
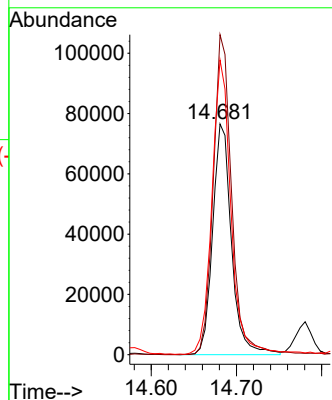
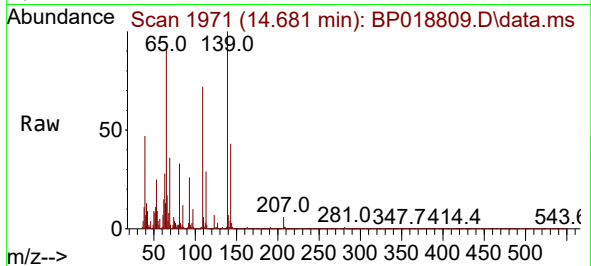




#55
4-Nitrophenol
Concen: 19.773 ng/ul
RT: 14.681 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

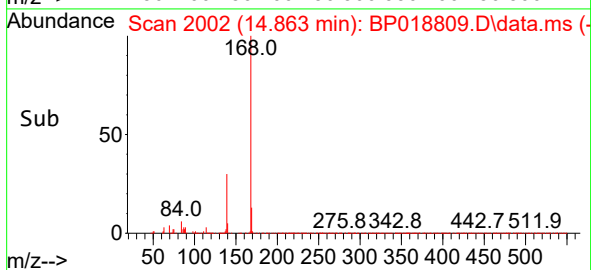
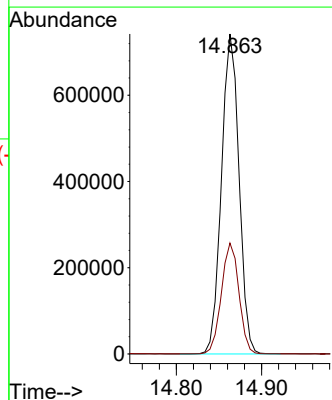
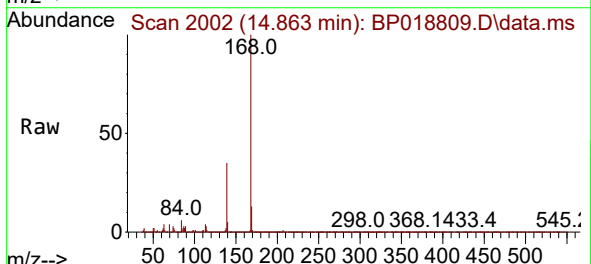
Instrument :
BNA_P
ClientSampleId :
SSTD020723

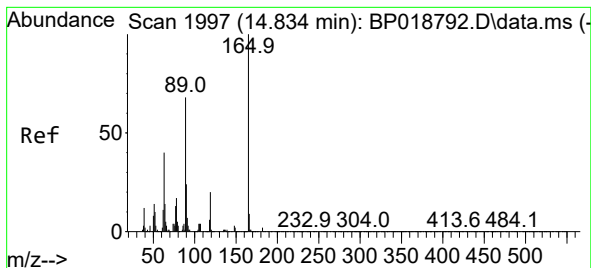
Tgt Ion:109 Resp: 117209
Ion Ratio Lower Upper
109 100
139 138.7 109.0 163.4
65 127.8 106.2 159.4



#56
Dibenzofuran
Concen: 19.557 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:168 Resp: 1063526
Ion Ratio Lower Upper
168 100
139 34.6 29.1 43.7

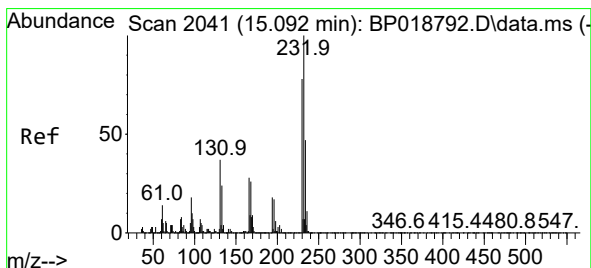
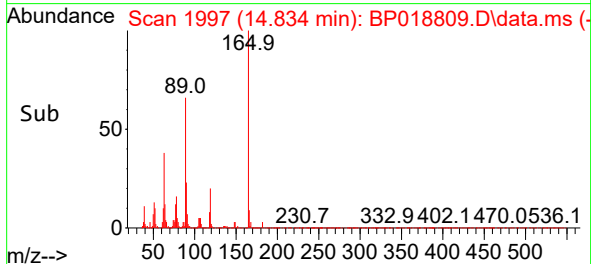
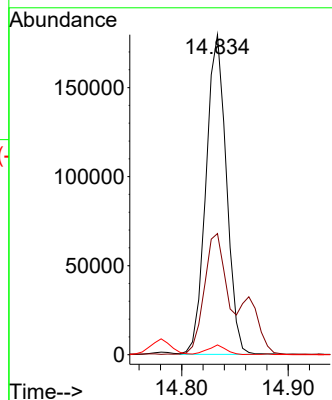
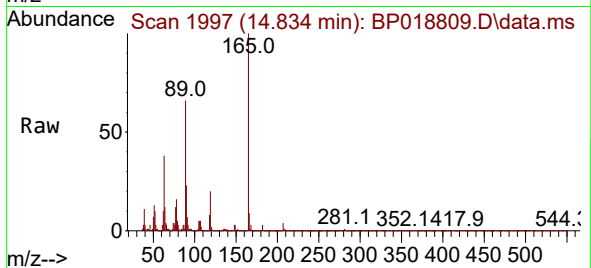




#57
2,4-Dinitrotoluene
Concen: 19.113 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

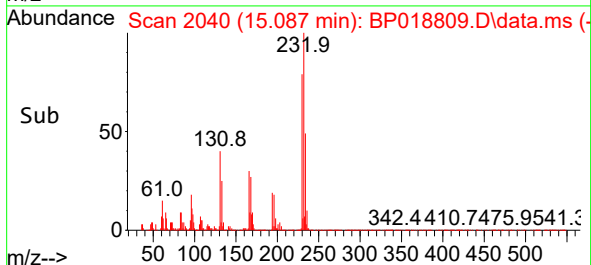
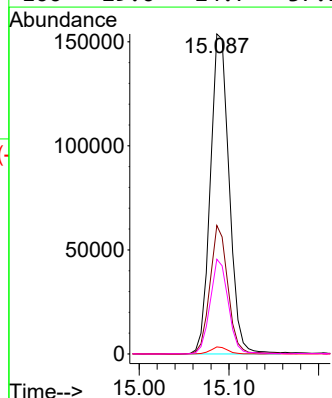
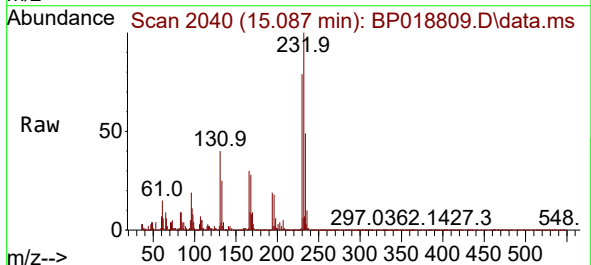
Instrument :
BNA_P
ClientSampleId :
SSTD020723

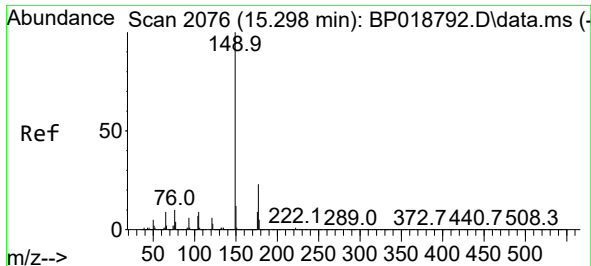
Tgt Ion:165 Resp: 239003
Ion Ratio Lower Upper
165 100
63 37.9 32.7 49.1
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.695 ng/ul
RT: 15.087 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:232 Resp: 223881
Ion Ratio Lower Upper
232 100
131 40.1 33.8 50.8
130 2.2 1.8 2.8
166 29.6 24.7 37.1

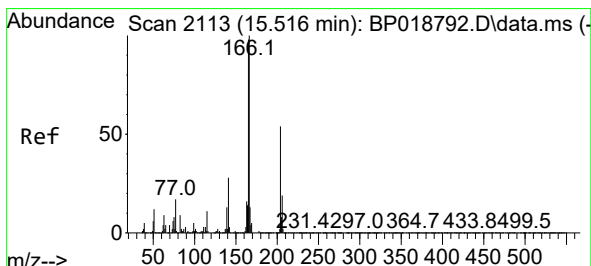
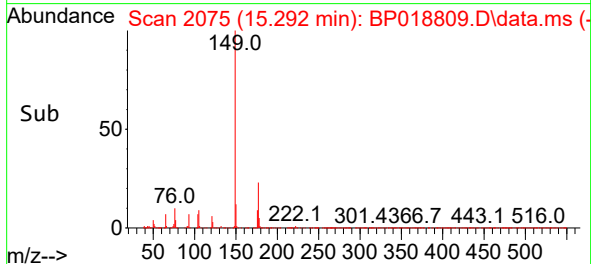
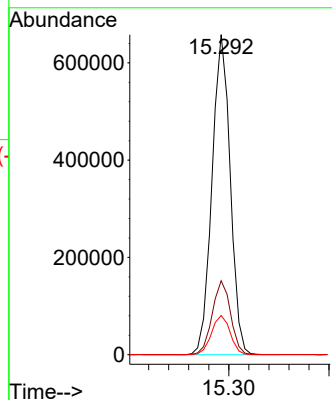
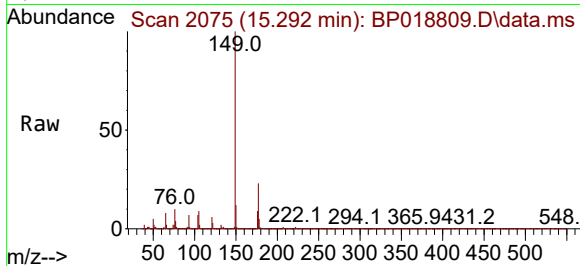




#59
Diethylphthalate
Concen: 18.012 ng/ul
RT: 15.292 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

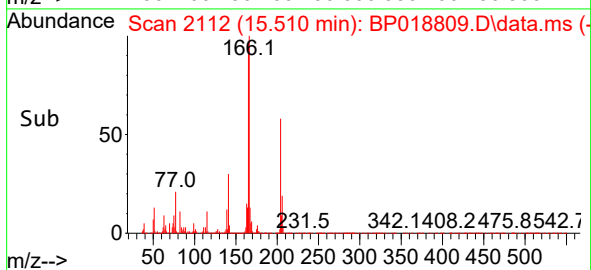
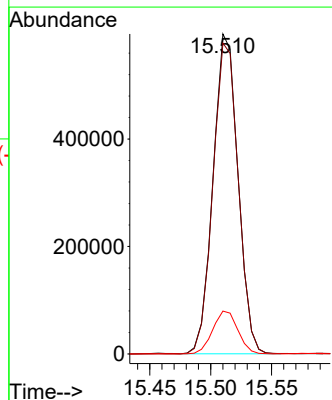
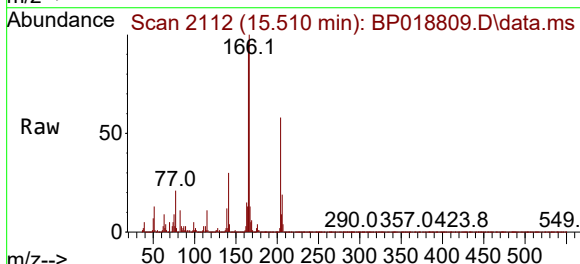
Instrument :
BNA_P
ClientSampleId :
SSTD020723

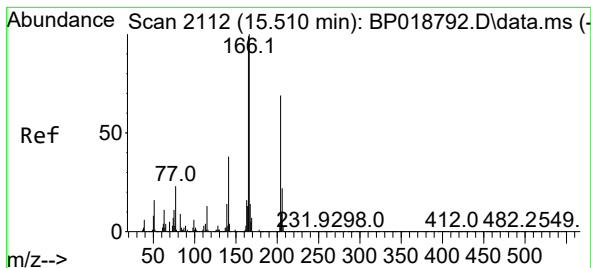
Tgt Ion:149 Resp: 829311
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.2 9.9 14.9



#61
Fluorene
Concen: 19.671 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:166 Resp: 846456
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.4 10.8 16.2

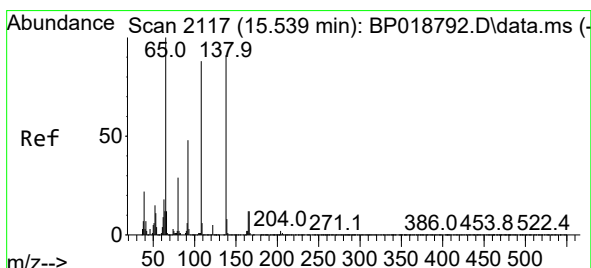
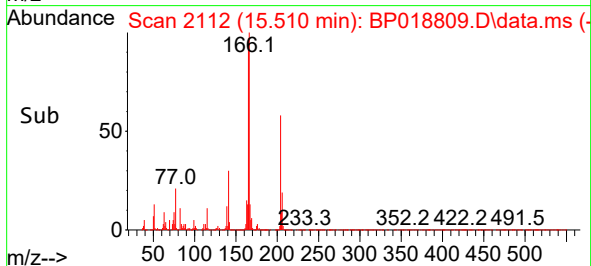
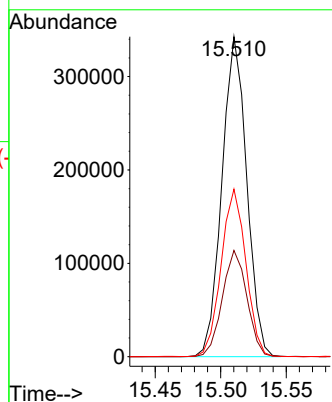
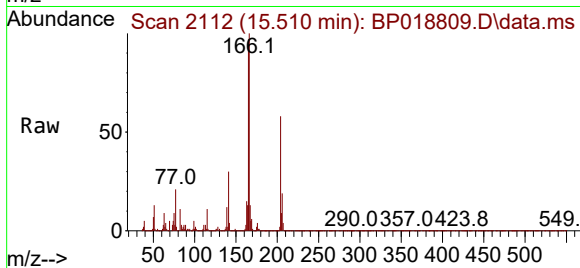




#62
4-Chlorophenyl-phenylether
Concen: 19.953 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

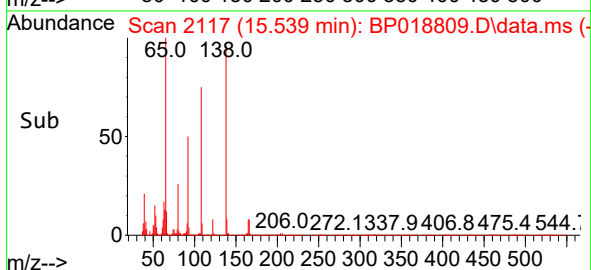
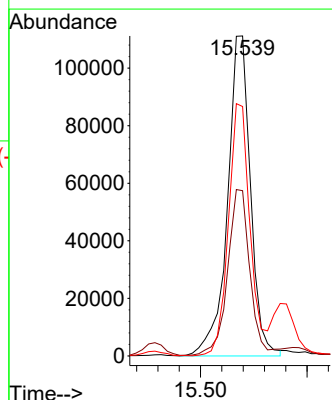
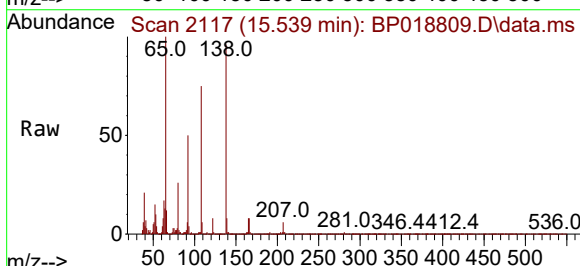
Instrument :
BNA_P
ClientSampleId :
SSTD020723

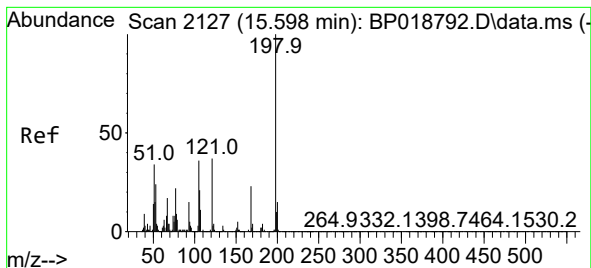
Tgt Ion:204 Resp: 450303
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 52.3 45.8 68.8



#63
4-Nitroaniline
Concen: 19.752 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:138 Resp: 166978
Ion Ratio Lower Upper
138 100
92 51.6 42.3 63.5
108 78.0 62.0 93.0

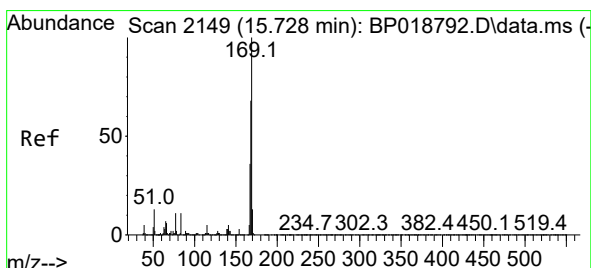
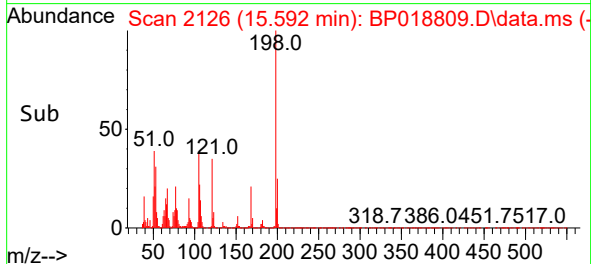
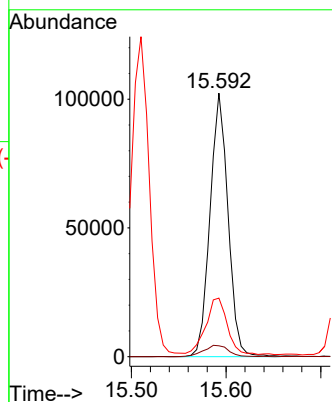
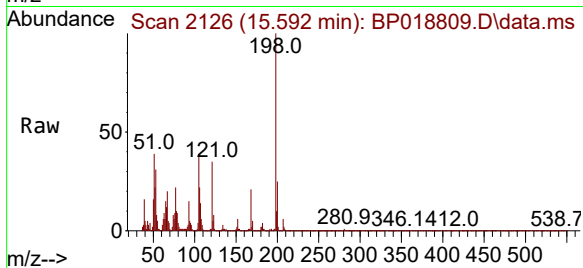




#66
4,6-Dinitro-2-methylphenol
Concen: 17.180 ng/ul
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

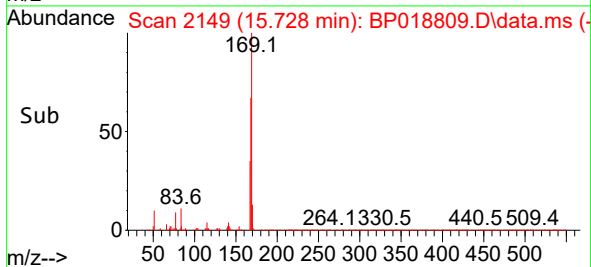
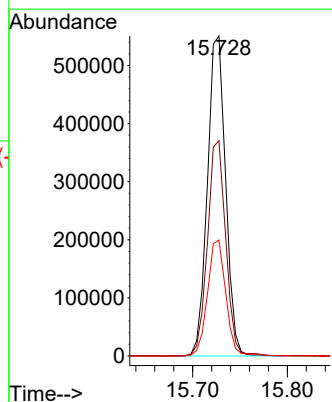
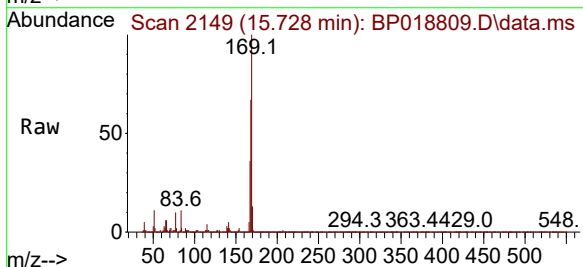
Instrument :
BNA_P
ClientSampleId :
SSTD020723

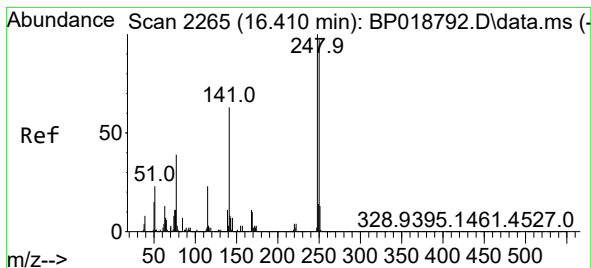
Tgt Ion:198 Resp: 135220
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 22.2 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 18.024 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:169 Resp: 733276
Ion Ratio Lower Upper
169 100
168 67.2 53.1 79.7
167 36.2 29.1 43.7

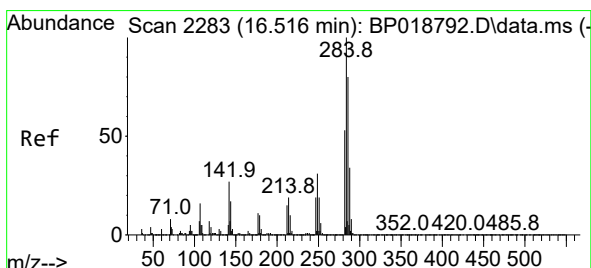
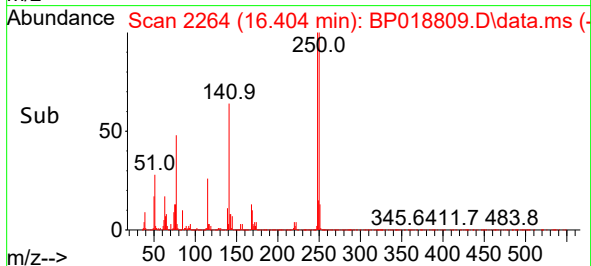
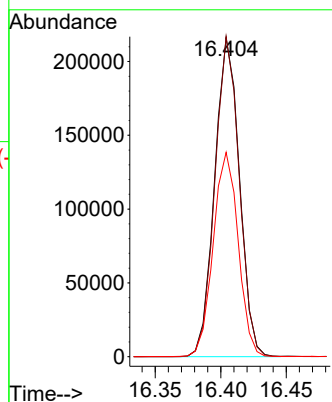
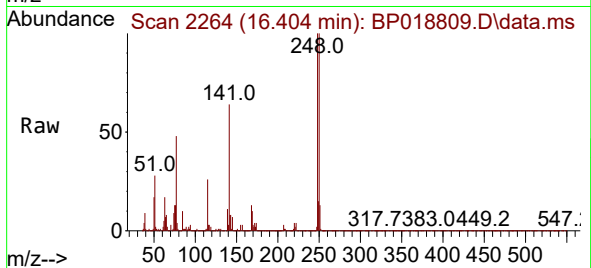




#68
4-Bromophenyl-phenylether
Concen: 18.333 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

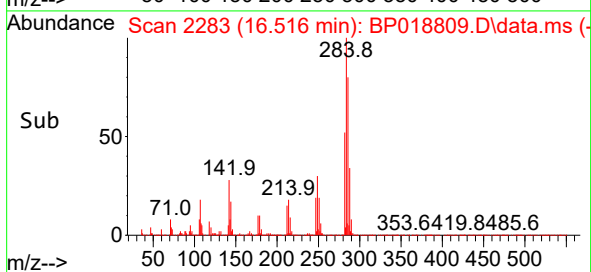
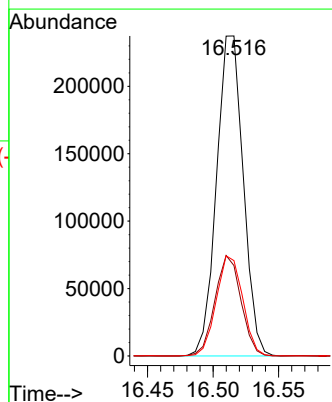
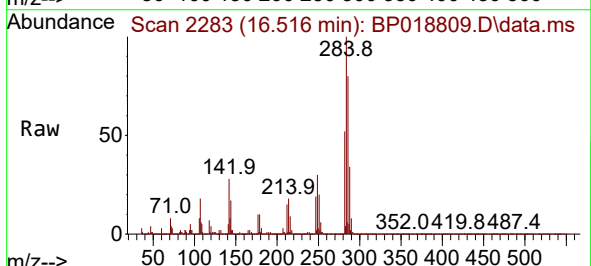
Instrument :
BNA_P
ClientSampleId :
SSTD020723

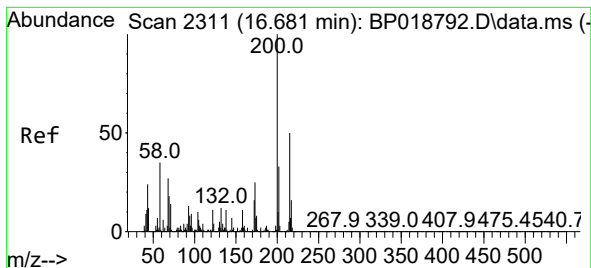
Tgt Ion:248 Resp: 284164
Ion Ratio Lower Upper
248 100
250 100.3 79.3 118.9
141 64.1 57.2 85.8



#69
Hexachlorobenzene
Concen: 19.441 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018809.D
Acq: 13 Dec 2023 15:29

Tgt Ion:284 Resp: 336448
Ion Ratio Lower Upper
284 100
142 28.2 25.8 38.6
249 29.8 24.9 37.3





#70

Atrazine

Concen: 14.163 ng/ul

RT: 16.681 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

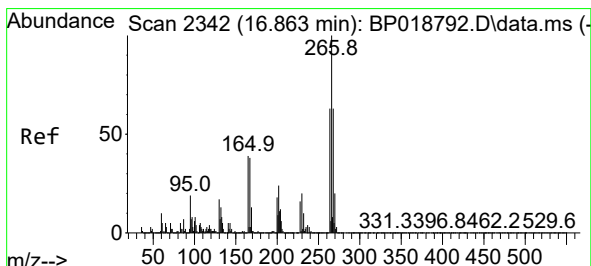
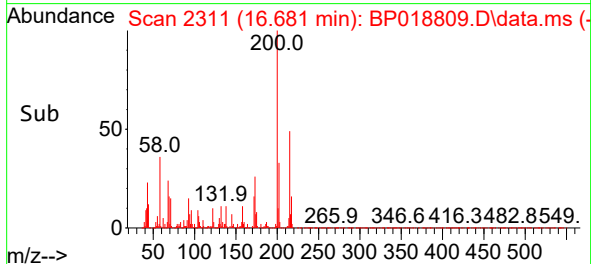
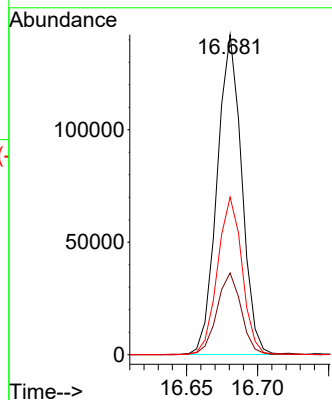
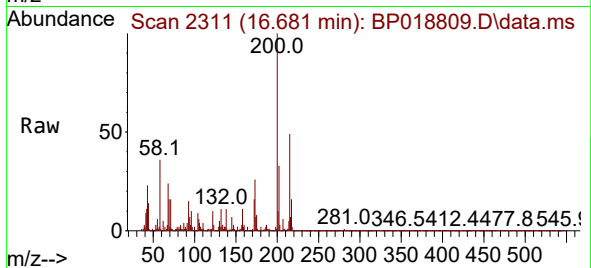
Tgt Ion:200 Resp: 171315

Ion Ratio Lower Upper

200 100

173 25.5 21.0 31.4

215 49.3 38.2 57.2



#71

Pentachlorophenol

Concen: 18.664 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

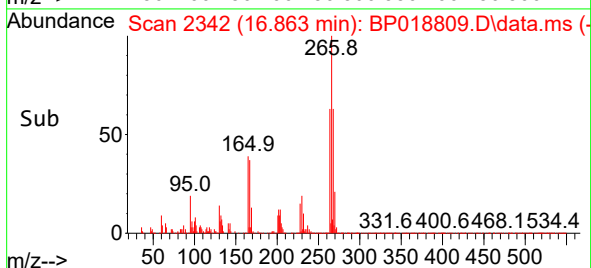
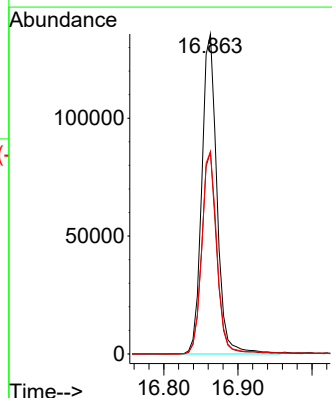
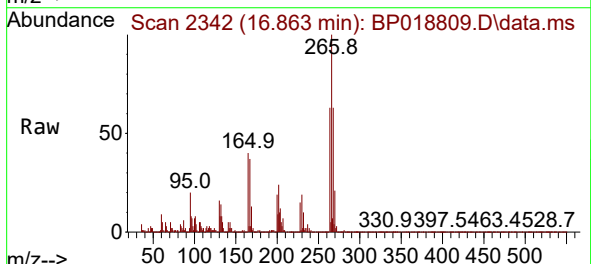
Tgt Ion:266 Resp: 192097

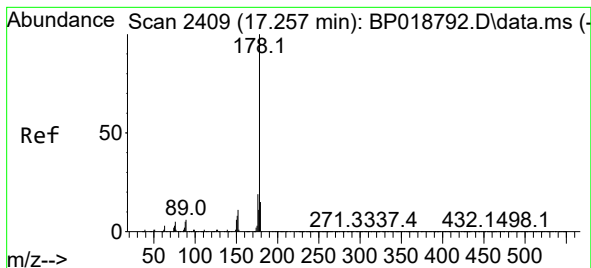
Ion Ratio Lower Upper

266 100

264 63.2 50.2 75.2

268 63.2 50.5 75.7





#72

Phenanthrene

Concen: 19.127 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

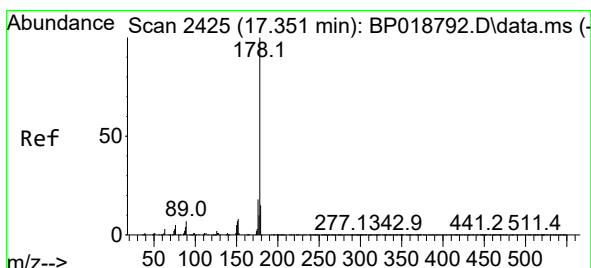
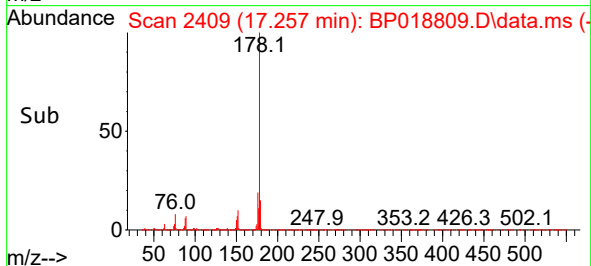
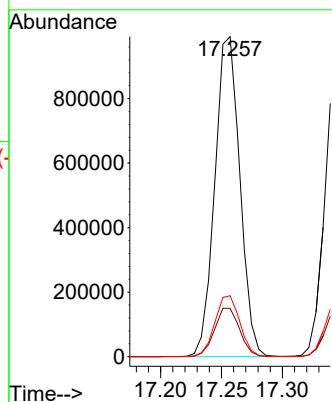
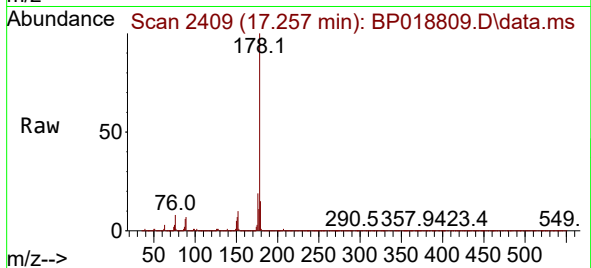
Tgt Ion:178 Resp: 1418275

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.0 15.4 23.2



#74

Anthracene

Concen: 19.413 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

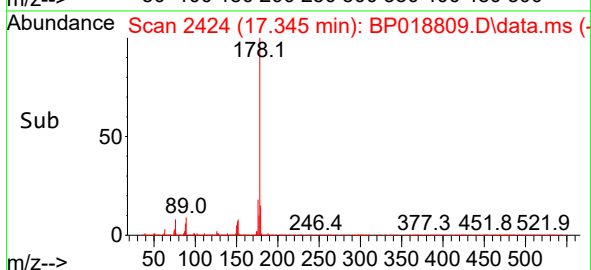
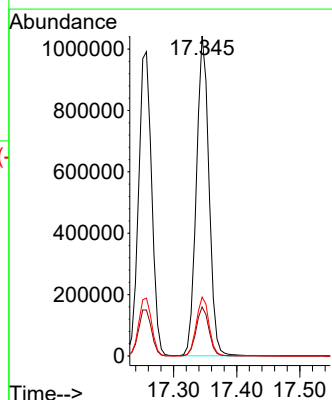
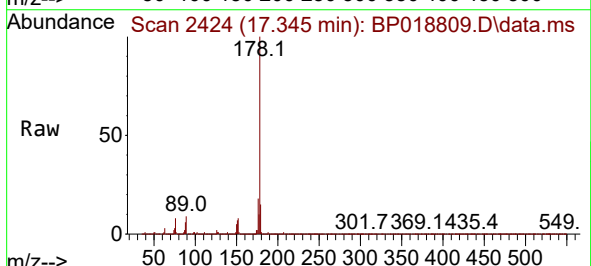
Tgt Ion:178 Resp: 1442910

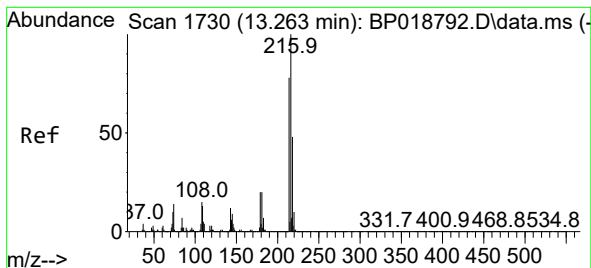
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.4 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.736 ng/uL

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

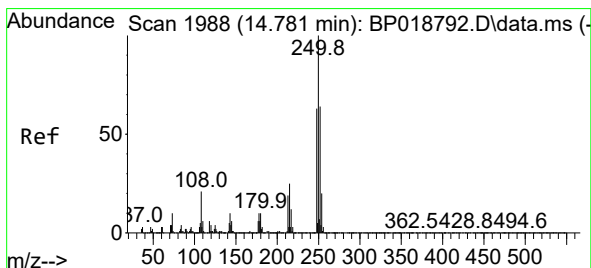
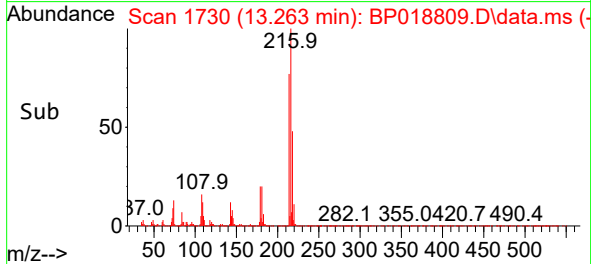
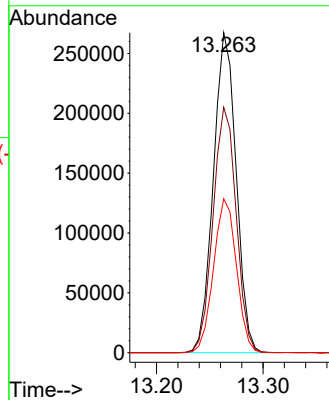
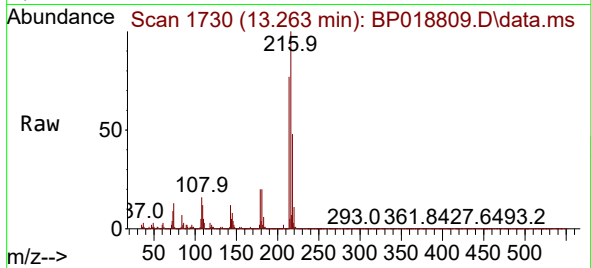
Tgt Ion:216 Resp: 397761

Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

218 48.1 39.2 58.8



#76

Pentachlorobenzene

Concen: 18.843 ng/uL

RT: 14.781 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

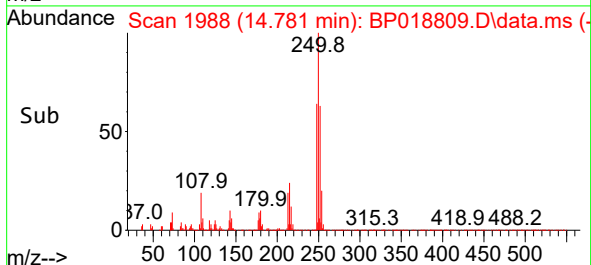
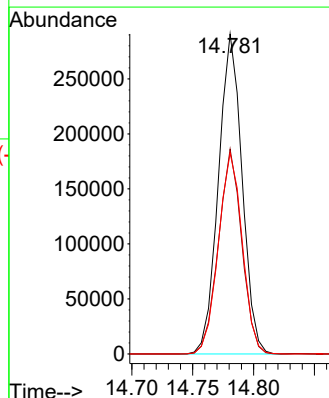
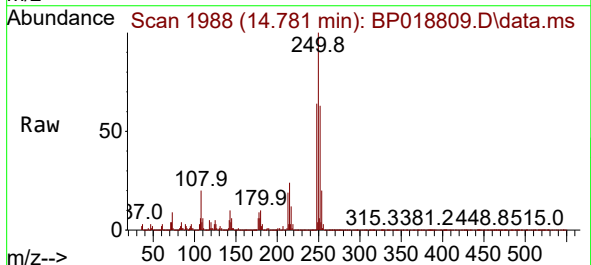
Tgt Ion:250 Resp: 392944

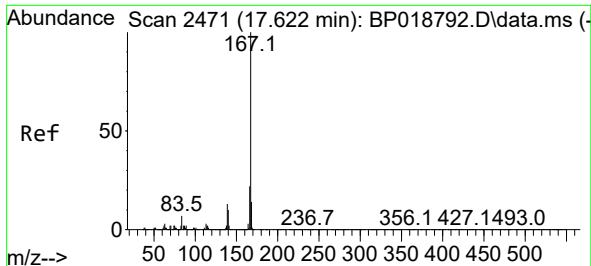
Ion Ratio Lower Upper

250 100

248 64.0 50.6 75.8

252 62.8 51.3 76.9

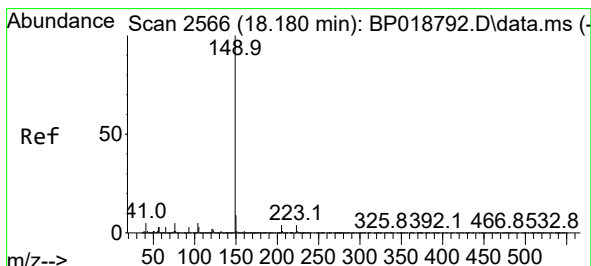
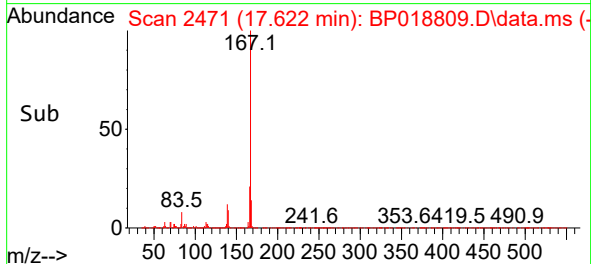
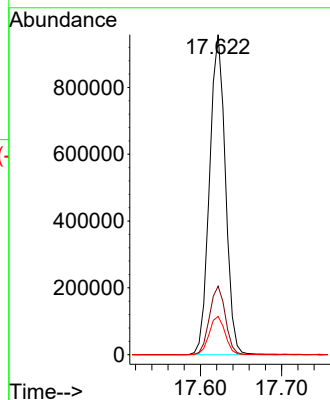
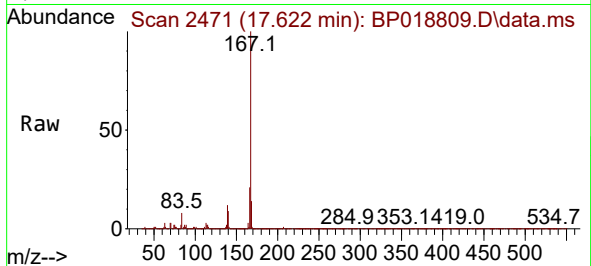




#77
 Carbazole
 Concen: 21.894 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.006 min
 Lab File: BP018809.D
 Acq: 13 Dec 2023 15:29

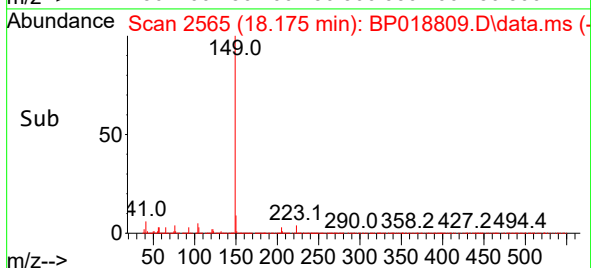
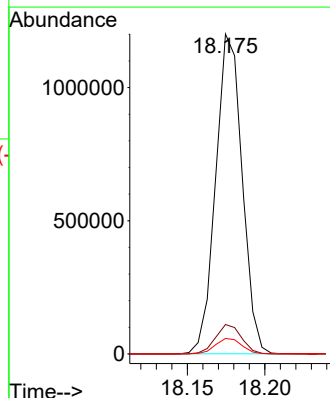
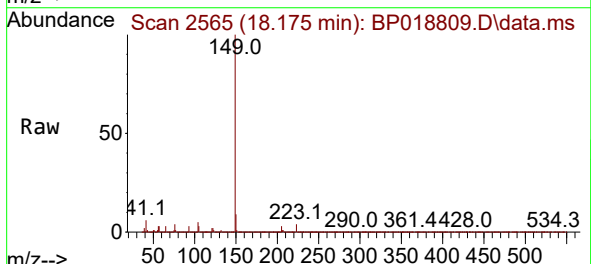
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

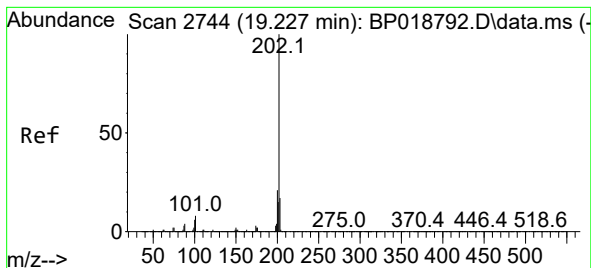
Tgt Ion:167 Resp: 1296942
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 11.9 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 18.068 ng/ul
 RT: 18.175 min Scan# 2565
 Delta R.T. -0.012 min
 Lab File: BP018809.D
 Acq: 13 Dec 2023 15:29

Tgt Ion:149 Resp: 1425205
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 14.746 ng/ul

RT: 19.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

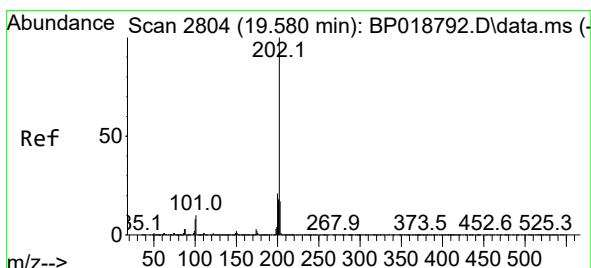
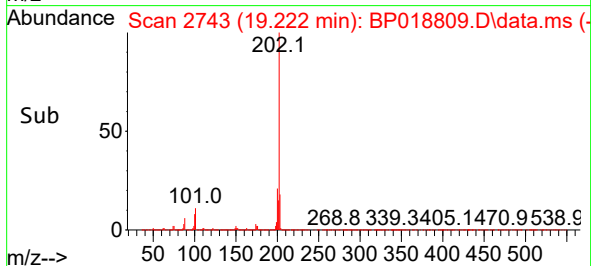
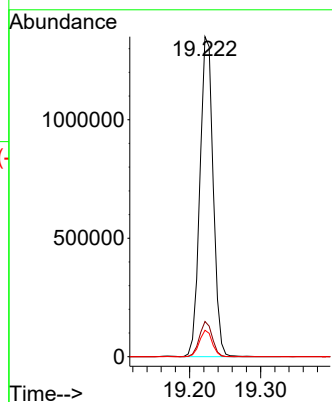
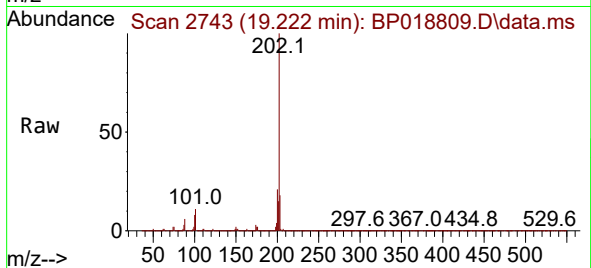
Tgt Ion:202 Resp: 1758545

Ion Ratio Lower Upper

202 100

101 11.0 9.1 13.7

100 8.3 7.1 10.7



#82

Pyrene

Concen: 15.464 ng/ul

RT: 19.575 min Scan# 2803

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

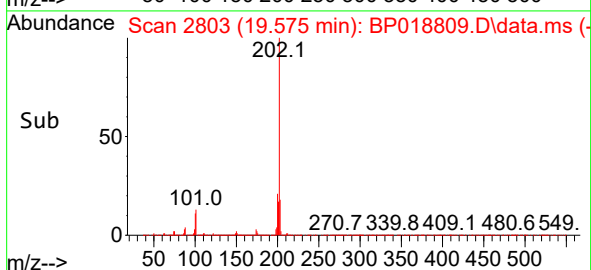
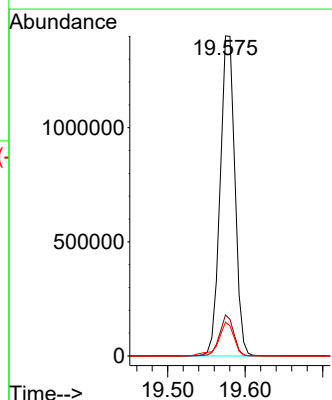
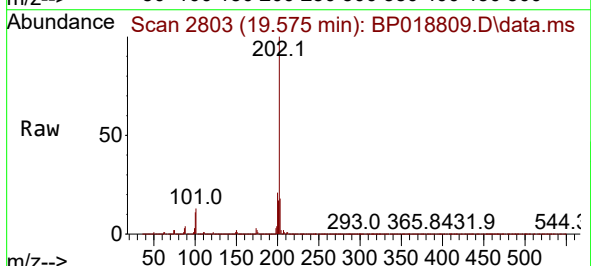
Tgt Ion:202 Resp: 1860537

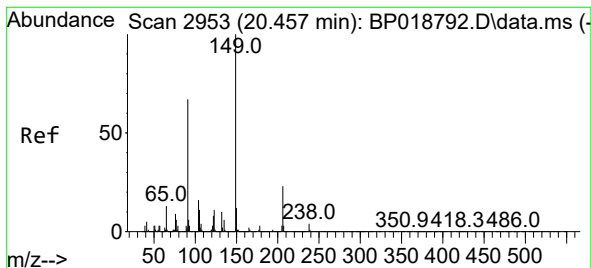
Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

100 10.5 9.1 13.7





#83

Butylbenzylphthalate

Concen: 14.947 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

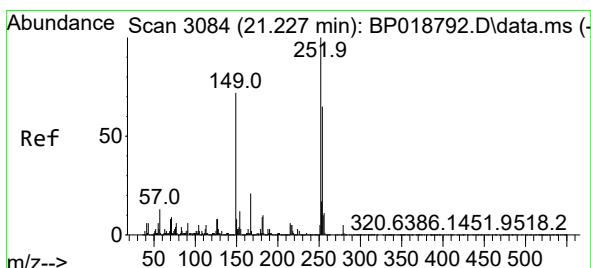
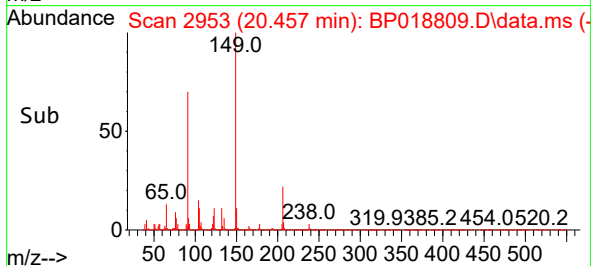
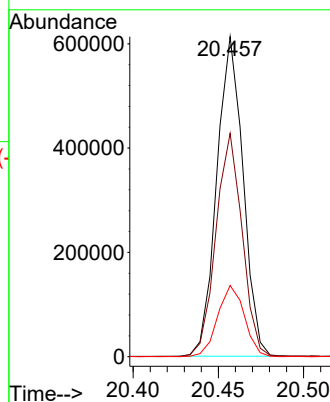
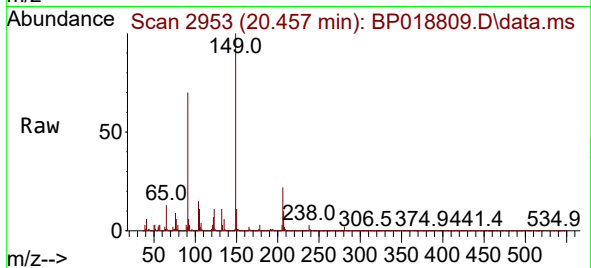
Tgt Ion:149 Resp: 658328

Ion Ratio Lower Upper

149 100

91 69.8 56.6 85.0

206 22.2 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 18.177 ng/ul

RT: 21.221 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

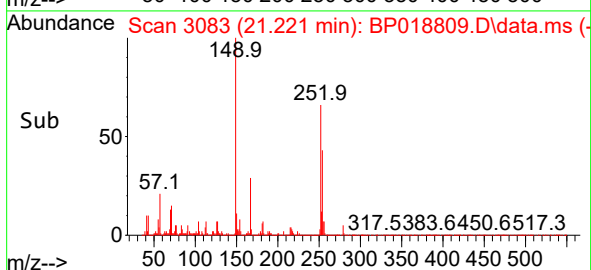
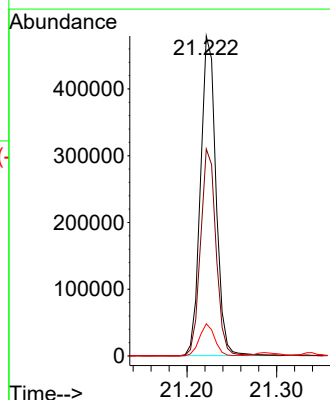
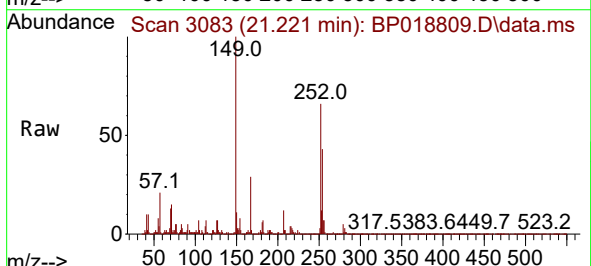
Tgt Ion:252 Resp: 572526

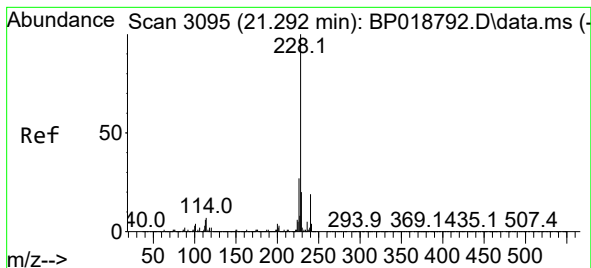
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.4

126 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 18.470 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

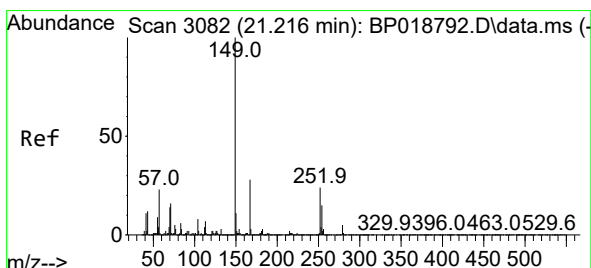
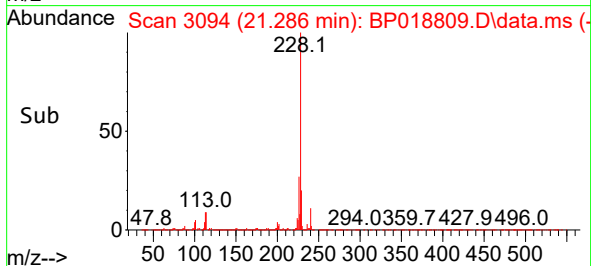
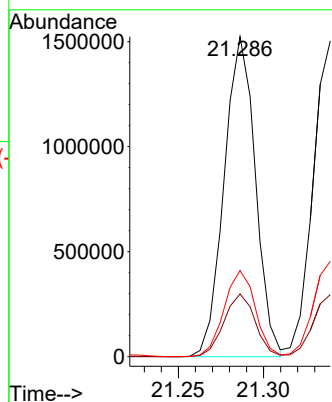
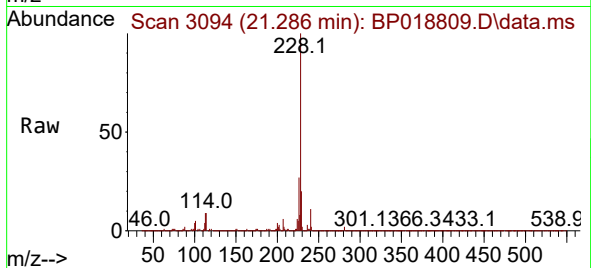
Tgt Ion:228 Resp: 1943098

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 15.909 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

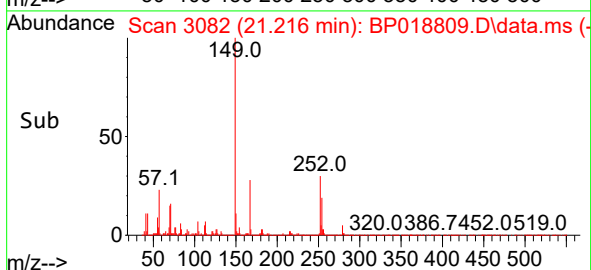
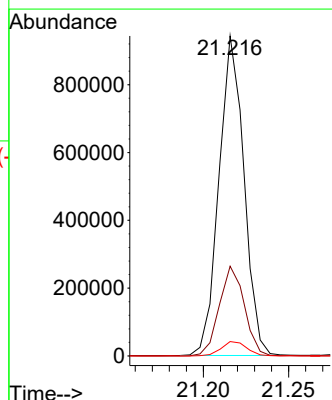
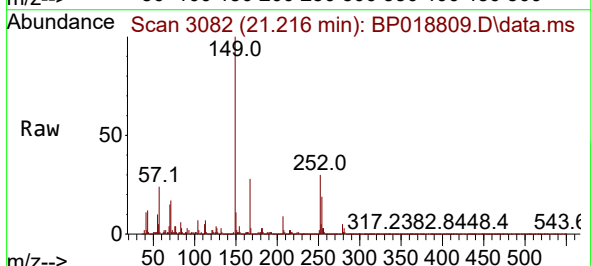
Tgt Ion:149 Resp: 963113

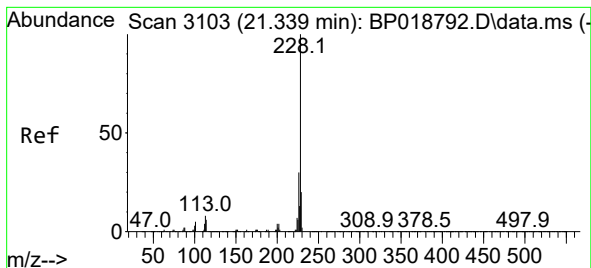
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.5 3.3 4.9





#87

Chrysene

Concen: 18.881 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

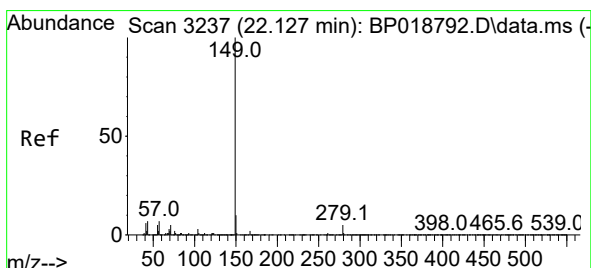
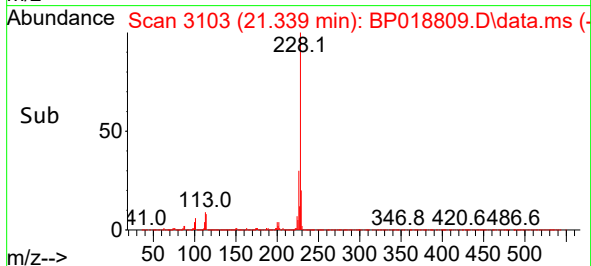
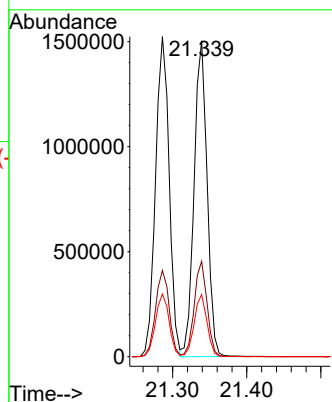
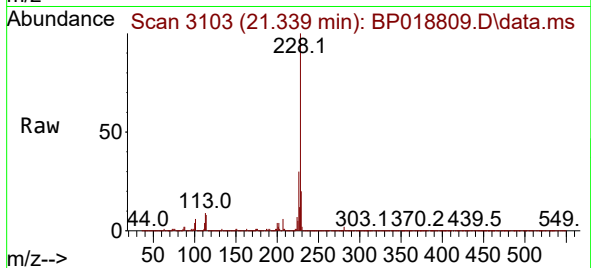
Tgt Ion:228 Resp: 1829194

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 15.641 ng/ul

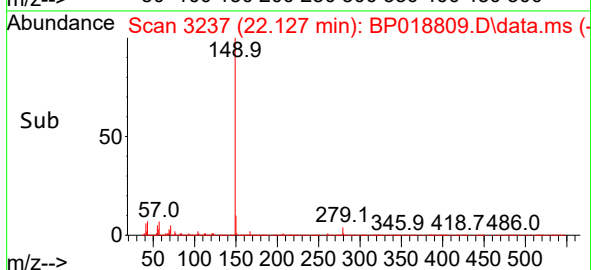
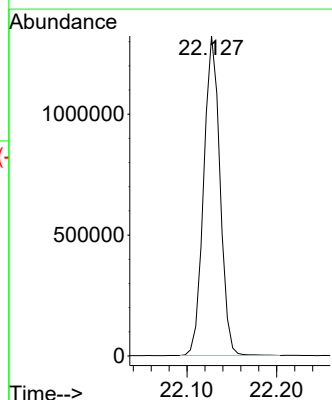
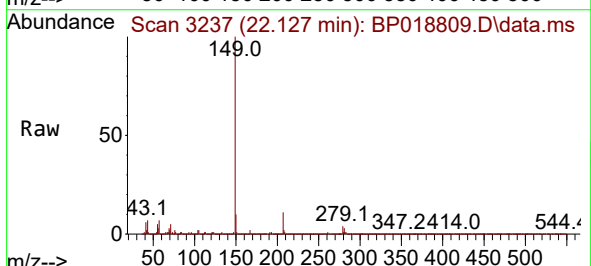
RT: 22.127 min Scan# 3237

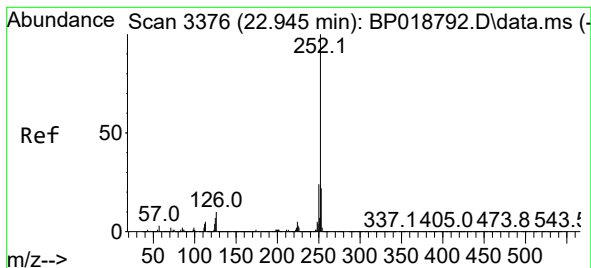
Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Tgt Ion:149 Resp: 1662565





#90

Benzo(b)fluoranthene

Concen: 17.842 ng/ul

RT: 22.939 min Scan# 3375

Delta R.T. -0.018 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

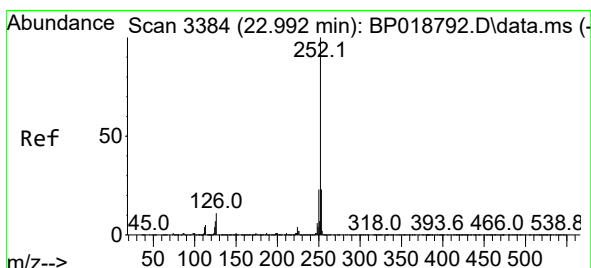
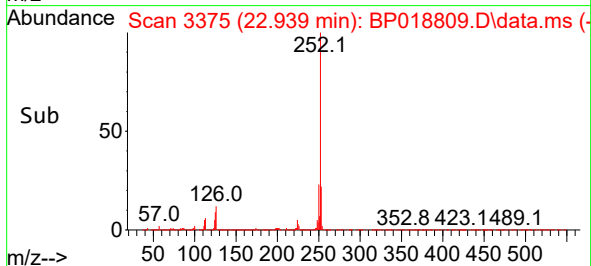
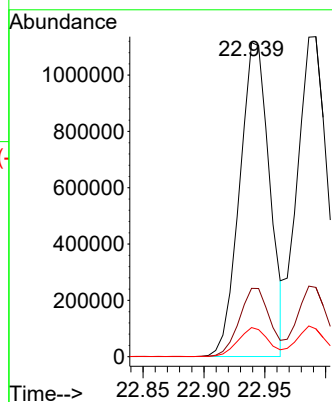
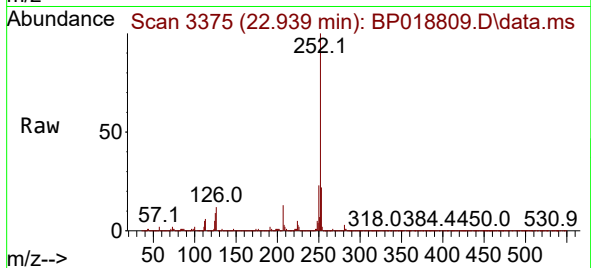
Tgt Ion:252 Resp: 1915153

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.3 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 19.032 ng/ul

RT: 22.992 min Scan# 3384

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

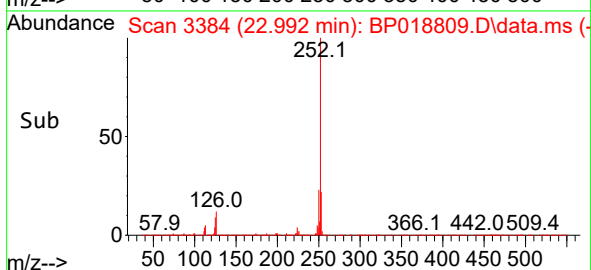
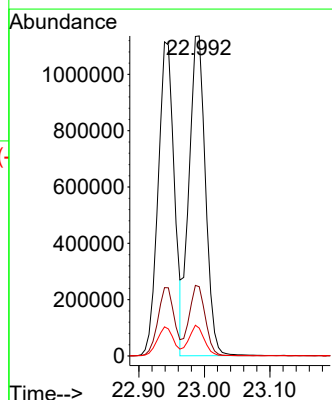
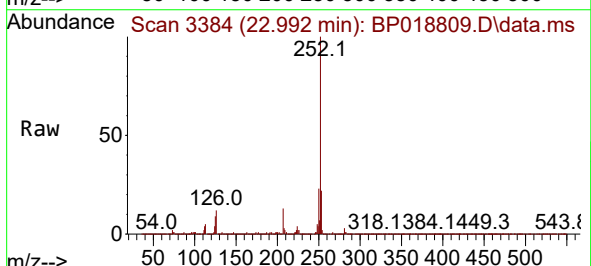
Tgt Ion:252 Resp: 1976567

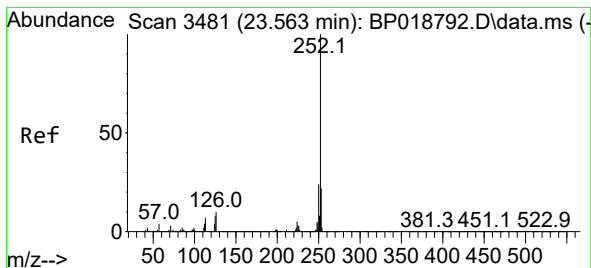
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.7 8.0 12.0





#93

Benzo(a)pyrene

Concen: 18.571 ng/ul

RT: 23.563 min Scan# 3481

Delta R.T. -0.012 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

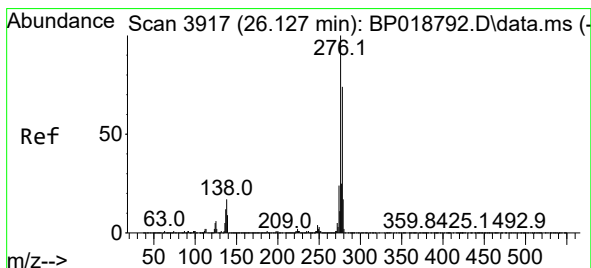
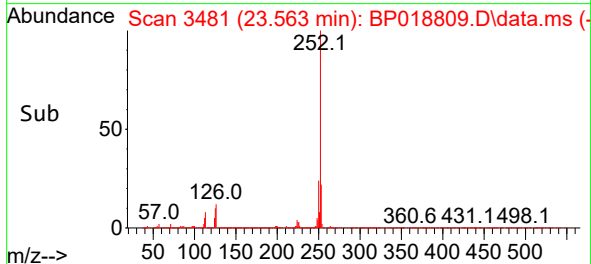
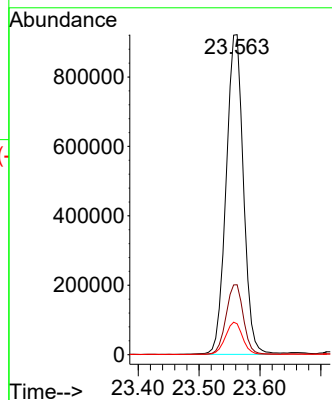
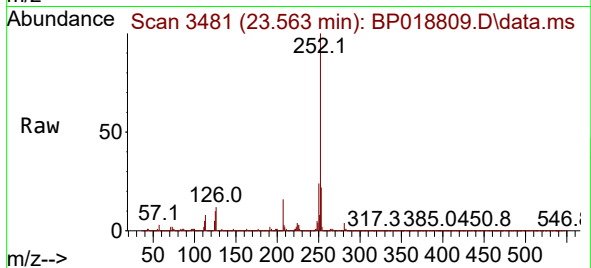
Tgt Ion:252 Resp: 1821373

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.7 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.935 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. -0.023 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

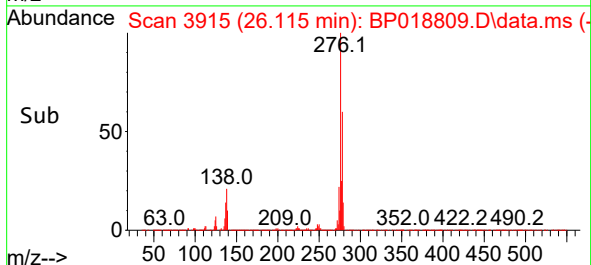
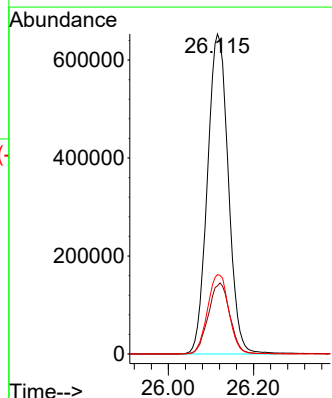
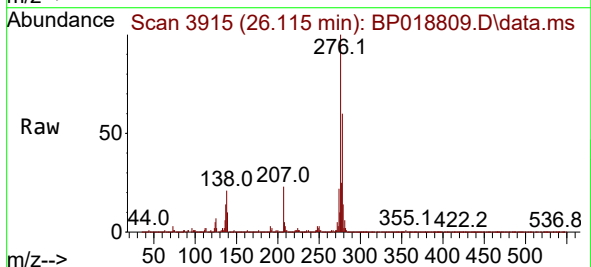
Tgt Ion:276 Resp: 2218902

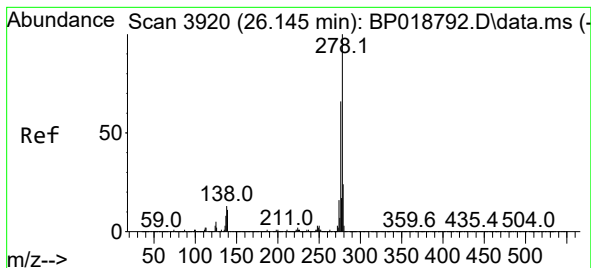
Ion Ratio Lower Upper

276 100

138 21.3 19.4 29.2

277 24.8 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 18.961 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.029 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Instrument :

BNA_P

ClientSampleId :

SSTD020723

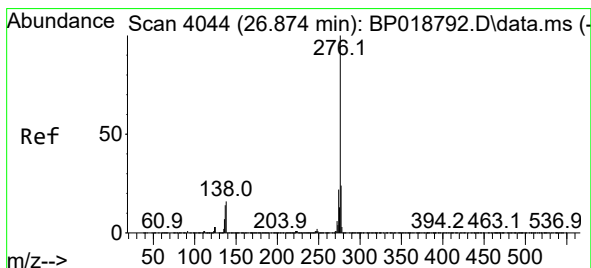
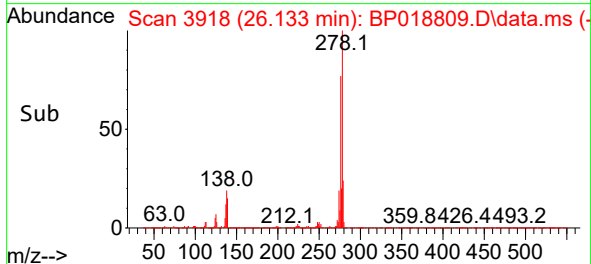
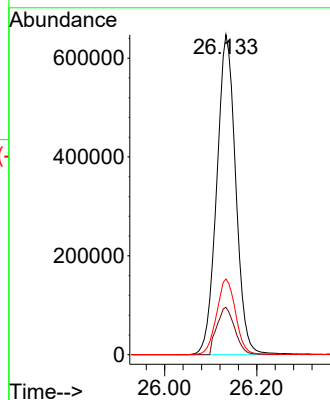
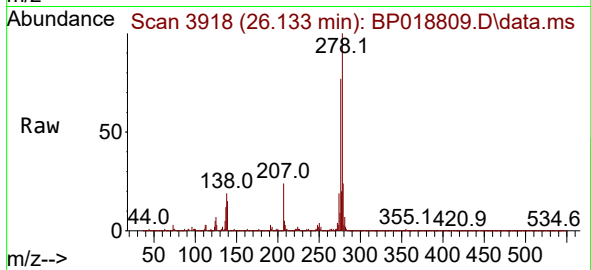
Tgt Ion:278 Resp: 1848301

Ion Ratio Lower Upper

278 100

139 14.8 13.0 19.6

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 18.745 ng/ul

RT: 26.868 min Scan# 4043

Delta R.T. -0.035 min

Lab File: BP018809.D

Acq: 13 Dec 2023 15:29

Tgt Ion:276 Resp: 1767772

Ion Ratio Lower Upper

276 100

138 19.2 18.1 27.1

277 23.9 19.4 29.0

