

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020248.D
 Acq On : 08 May 2024 22:12
 Operator : MA/JU
 Sample : P2369-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43N5

Quant Time: May 08 23:00:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	123482	20.000	ng/ul	0.01
20) Naphthalene-d8	10.404	136	506998	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.298	164	321637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	567714	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	588692	20.000	ng/ul	-0.01
88) Perylene-d12	24.992	264	748645	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	15393	5.265	ng/uL	0.00
4) Pyridine-d5	3.616	84	209401	24.648	ng/ul	0.00
7) Phenol-d5	6.810	99	316104	29.808	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	491604	76.314	ng/ul	0.02
11) 2-Chlorophenol-d4	7.163	132	212565	28.040	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	213676	24.923	ng/ul	0.01
21) Nitrobenzene-d5	8.787	128	116782	30.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	120864	27.800	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.040	165	211363	26.641	ng/ul	0.02
31) 4-Chloroaniline-d4	10.557	131	149277	13.444	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	585249	24.917	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	671439	25.878	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	4279	1.185	ng/ul	0.00
60) Fluorene-d10	15.322	176	473292	24.159	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	69411	19.267	ng/ul	0.00
73) Anthracene-d10	17.251	188	693179	28.224	ng/ul	0.00
81) Pyrene-d10	19.639	212	817806	23.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	888888	24.556	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.757	77	60771	11.401	ng/ul#	8
10) Bis(2-Chloroethyl)ether	7.051	93	11403	1.331	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.487	70	735288	95.222	ng/ul#	64
19) Hexachloroethane	8.687	117	8066	2.228	ng/ul#	5
22) Nitrobenzene	8.857	77	53622	4.920	ng/ul#	34
23) Isophorone	9.322	82	667092	31.831	ng/ul#	1
25) 2-Nitrophenol	9.516	139	71144	15.798	ng/ul#	1
26) 2,4-Dimethylphenol	9.610	107	458586	46.676	ng/ul#	67
27) Bis(2-Chloroethoxy)met...	9.863	93	32027	2.757	ng/ul#	1
29) 2,4-Dichlorophenol	10.045	162	31786	4.119	ng/ul#	37
34) Caprolactam	11.410	113	71510	26.539	ng/ul#	29
37) 1-Methylnaphthalene	12.292	142	73748	4.031	ng/ul#	98
53) 2,4-Dinitrophenol	14.469	184	17342	5.990	ng/ul#	19
55) 4-Nitrophenol	14.545	109	34241	9.110	ng/ul#	7
58) 2,3,4,6-Tetrachlorophenol	14.957	232	412865	67.922	ng/ul	94
63) 4-Nitroaniline	15.433	138	21760	5.936	ng/ul#	36
71) Pentachlorophenol	16.839	266	16150092	3751.474	ng/ul	99
72) Phenanthrene	17.198	178	101387	3.500	ng/ul	97
74) Anthracene	17.198	178	101523	3.446	ng/ul	96
76) Pentachlorobenzene	14.622	250	13963	1.654	ng/uL	90
80) Fluoranthene	19.292	202	77359	1.910	ng/ul#	60
85) Benzo(a)anthracene	21.680	228	42030	1.053	ng/ul#	89
86) Bis(2-ethylhexyl)phtha...	21.562	149	63460	2.750	ng/ul#	83
87) Chrysene	21.680	228	42168	1.139	ng/ul	93

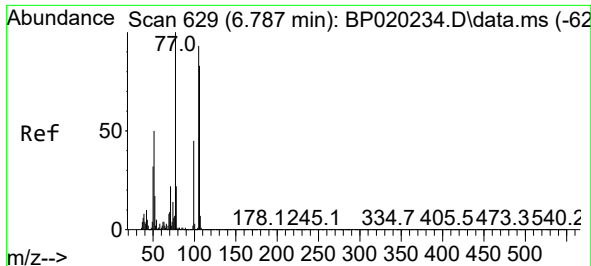
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020248.D
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

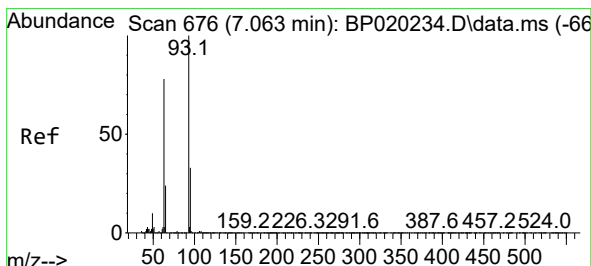
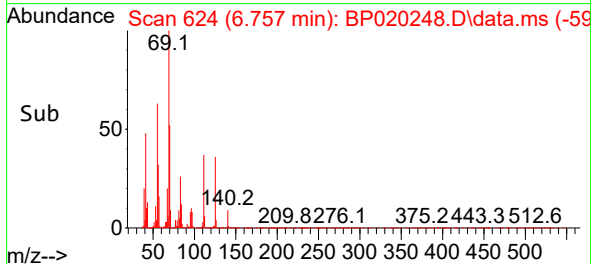
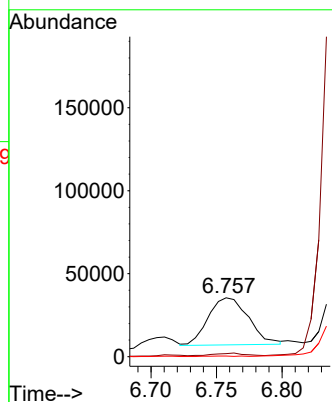
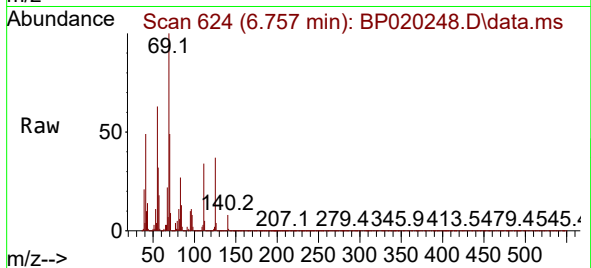
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 11.401 ng/ul
RT: 6.757 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

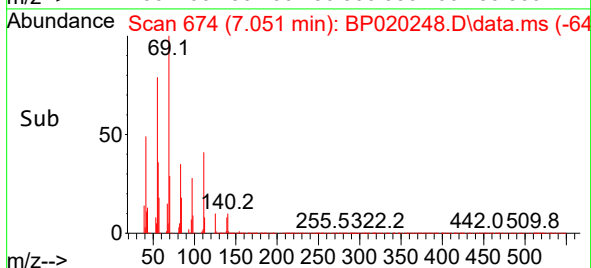
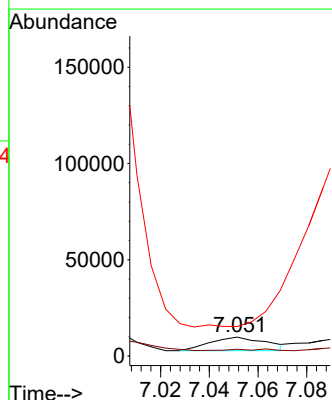
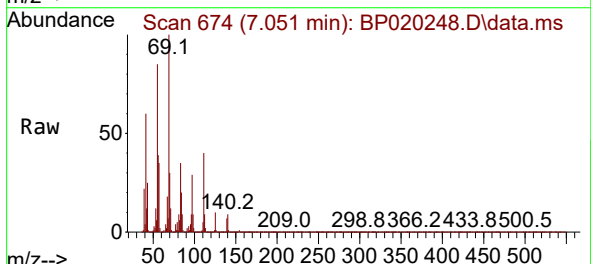
Instrument :
BNA_P
ClientSampleId :
A43N5

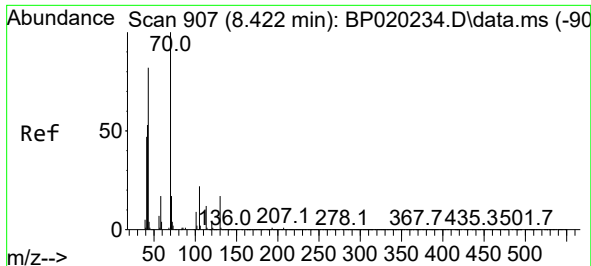
Tgt Ion: 77 Resp: 60771
Ion Ratio Lower Upper
77 100
105 5.2 75.4 113.2#
106 1.0 68.2 102.2#



#10
Bis(2-Chloroethyl)ether
Concen: 1.331 ng/ul
RT: 7.051 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion: 93 Resp: 11403
Ion Ratio Lower Upper
93 100
63 35.3 59.5 89.3#
95 155.8 25.3 37.9#

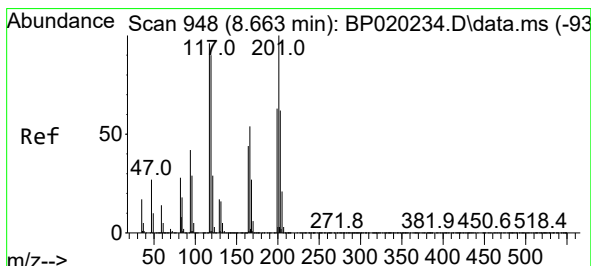
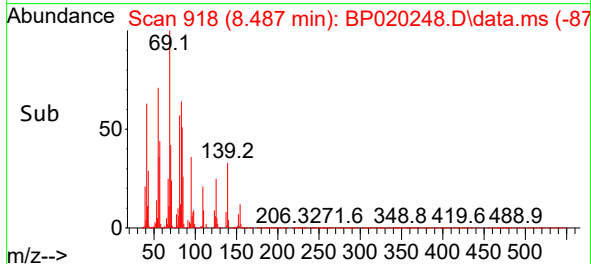
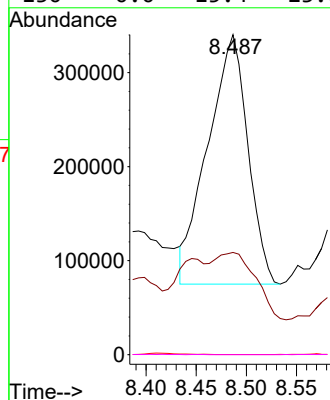
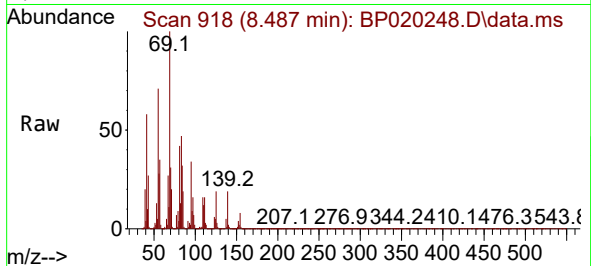




#17
N-Nitroso-di-n-propylamine
Concen: 95.222 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. 0.058 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

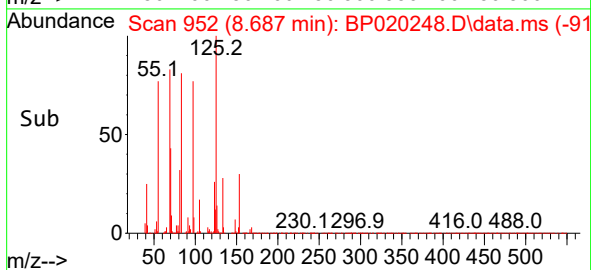
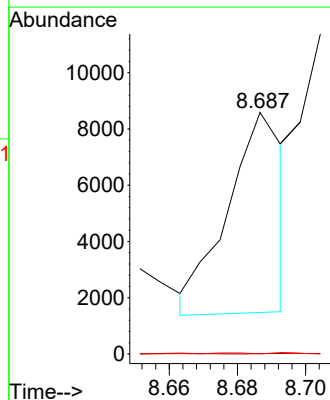
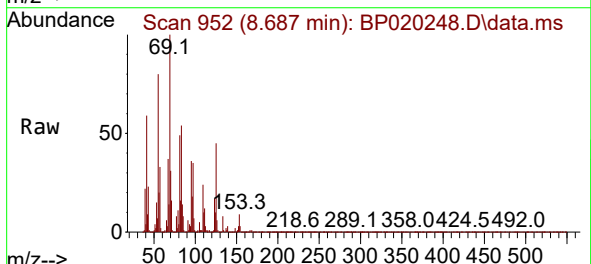
Instrument :
BNA_P
ClientSampleId :
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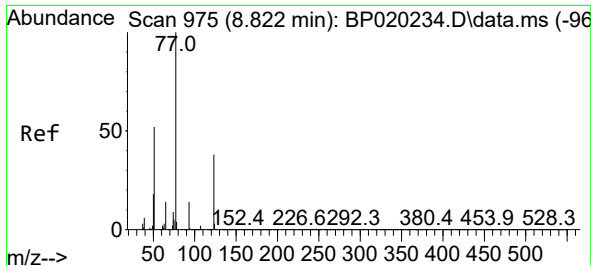
Tgt Ion: 70 Resp: 735288
Ion Ratio Lower Upper
70 100
42 32.0 46.2 69.4#
101 0.1 7.8 11.6#
130 0.0 15.4 23.0#



#19
Hexachloroethane
Concen: 2.228 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.023 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion: 117 Resp: 8066
Ion Ratio Lower Upper
117 100
201 0.2 84.0 126.0#
199 0.1 53.4 80.2#





#22

Nitrobenzene

Concen: 4.920 ng/ul

RT: 8.857 min Scan# 91

Delta R.T. 0.035 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

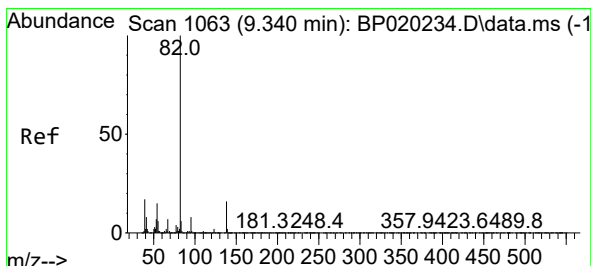
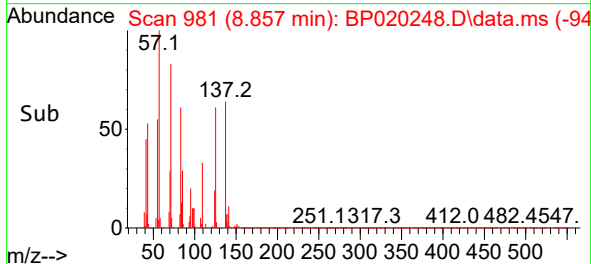
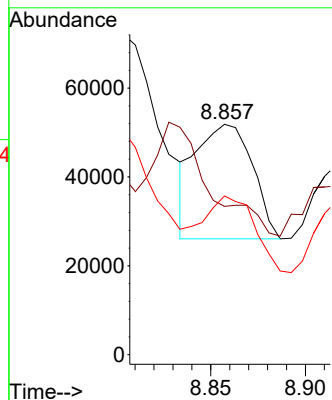
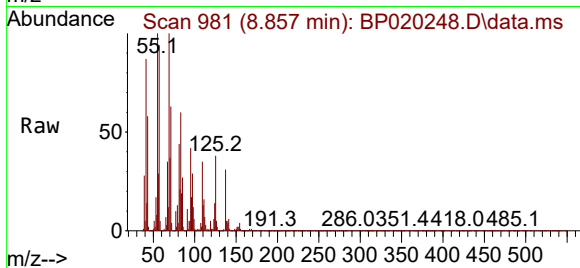
Tgt Ion: 77 Resp: 53622

Ion Ratio Lower Upper

77 100

123 64.4 31.4 47.2#

65 68.9 11.4 17.2#



#23

Isophorone

Concen: 31.831 ng/ul

RT: 9.322 min Scan# 1060

Delta R.T. -0.018 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

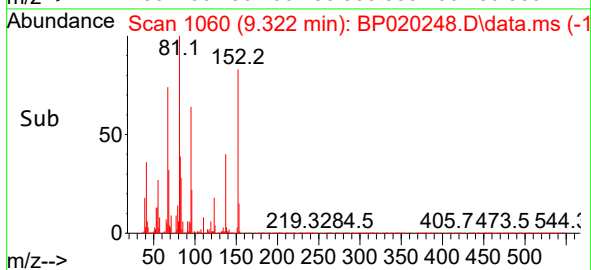
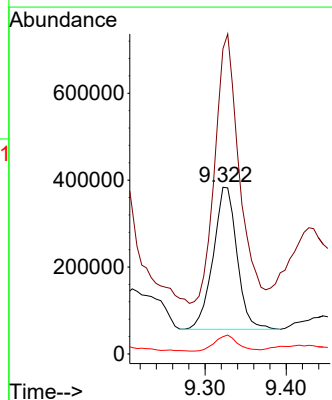
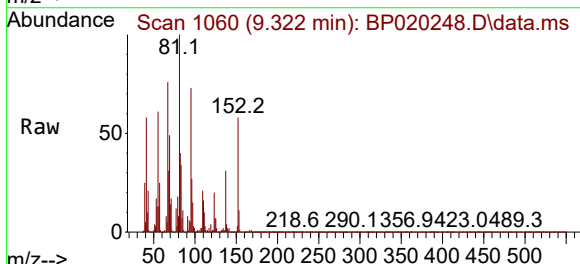
Tgt Ion: 82 Resp: 667092

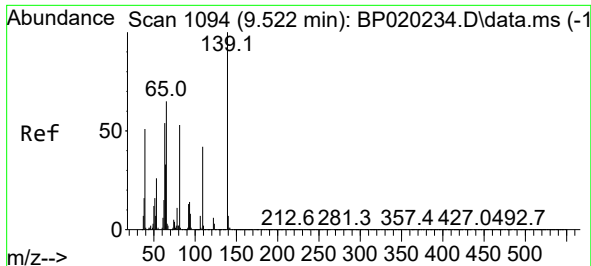
Ion Ratio Lower Upper

82 100

95 183.0 6.6 9.8#

138 10.3 12.9 19.3#

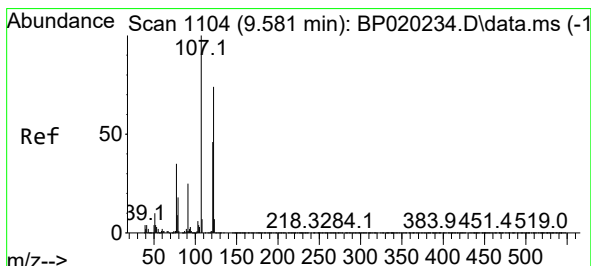
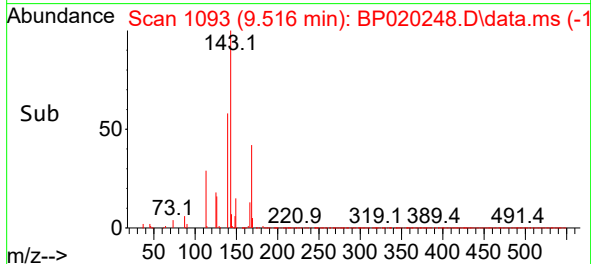
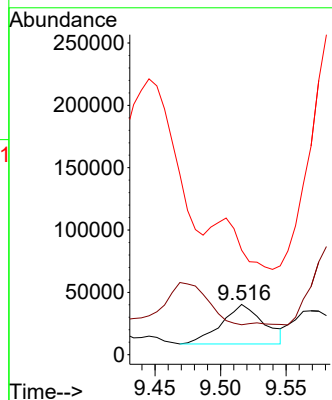
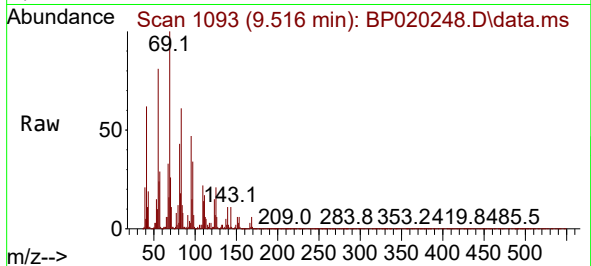




#25
2-Nitrophenol
Concen: 15.798 ng/ul
RT: 9.516 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

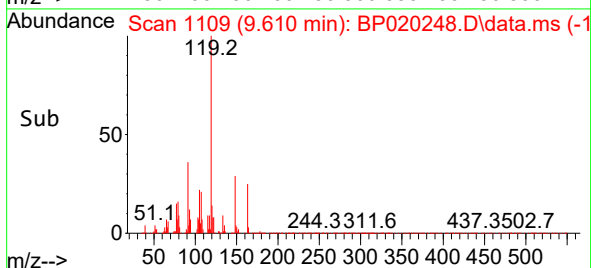
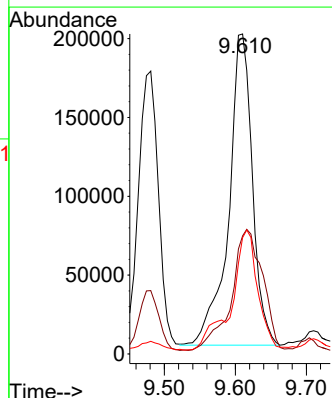
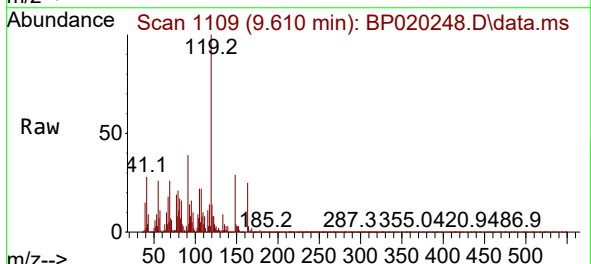
Instrument :
BNA_P
ClientSampleId :
A43N5

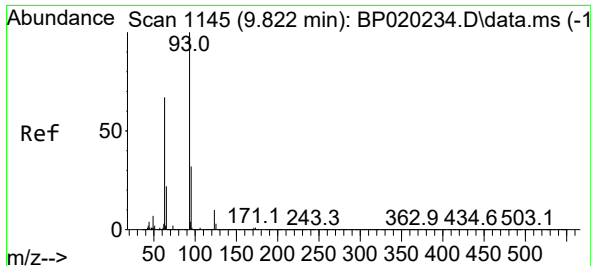
Tgt Ion:139 Resp: 71144
Ion Ratio Lower Upper
139 100
65 59.5 53.8 80.6
109 208.1 35.3 52.9#



#26
2,4-Dimethylphenol
Concen: 46.676 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion:107 Resp: 458586
Ion Ratio Lower Upper
107 100
121 36.9 36.0 54.0
122 36.3 59.4 89.2#





#27

Bis(2-Chloroethoxy)methane

Concen: 2.757 ng/ul

RT: 9.863 min Scan# 1145

Delta R.T. 0.041 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

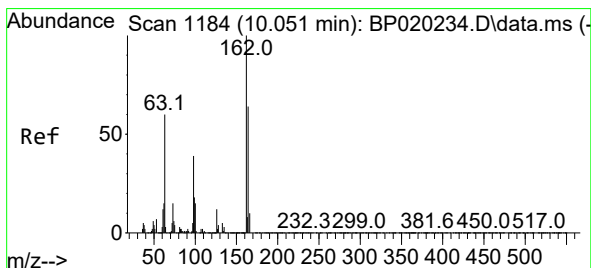
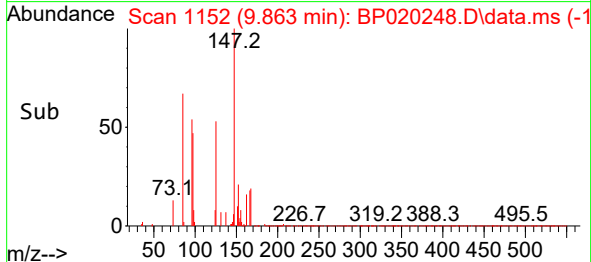
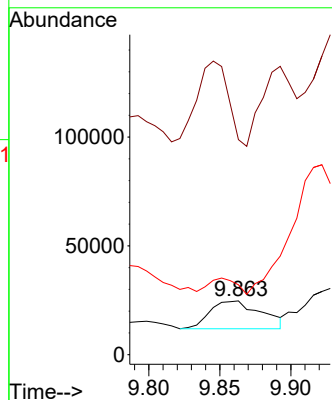
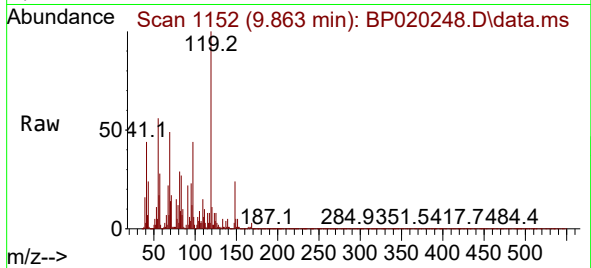
Tgt Ion: 93 Resp: 32027

Ion Ratio Lower Upper

93 100

95 400.6 25.6 38.4#

123 130.3 8.3 12.5#



#29

2,4-Dichlorophenol

Concen: 4.119 ng/ul

RT: 10.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

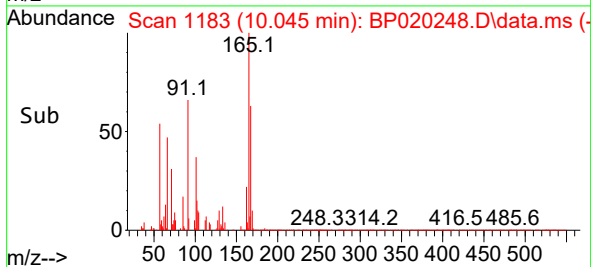
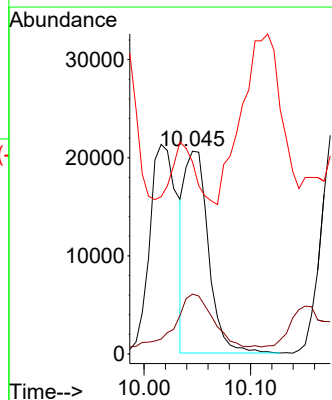
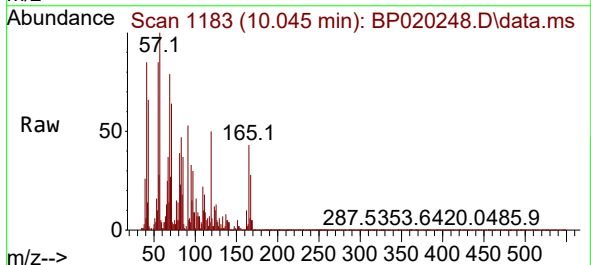
Tgt Ion: 162 Resp: 31786

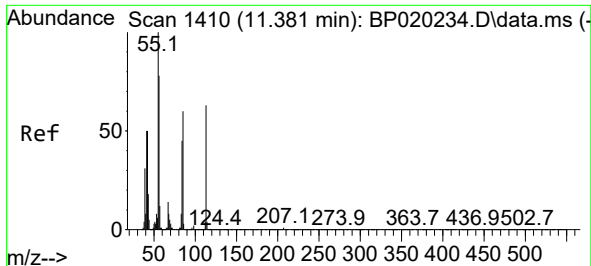
Ion Ratio Lower Upper

162 100

164 29.5 53.1 79.7#

98 94.7 31.4 47.2#

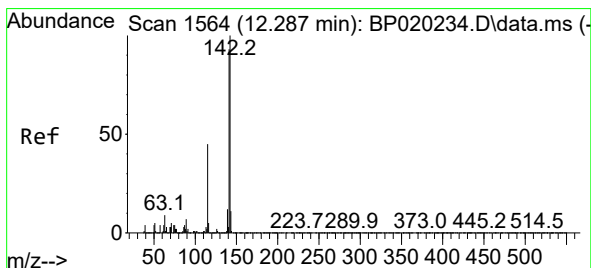
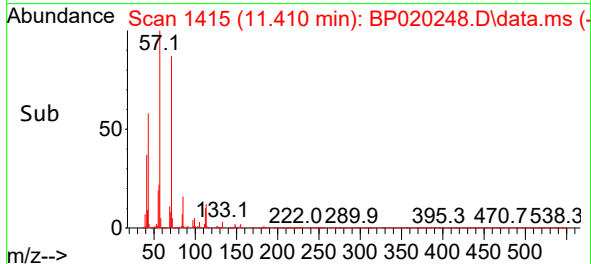
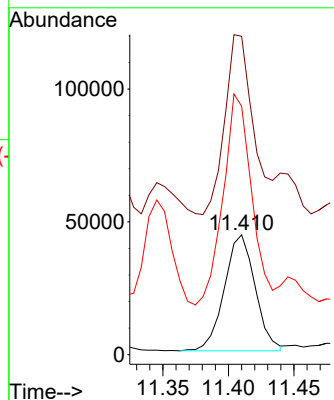
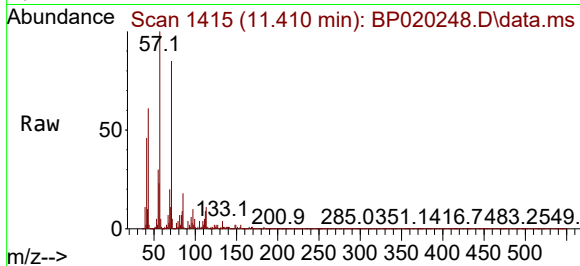




#34
Caprolactam
Concen: 26.539 ng/ul
RT: 11.410 min Scan# 1410
Delta R.T. 0.023 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

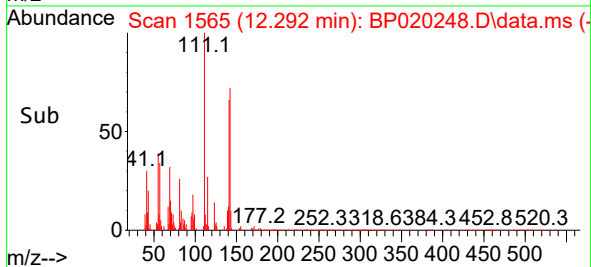
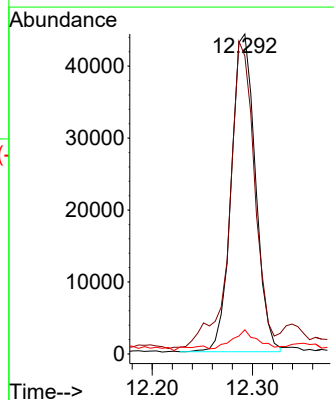
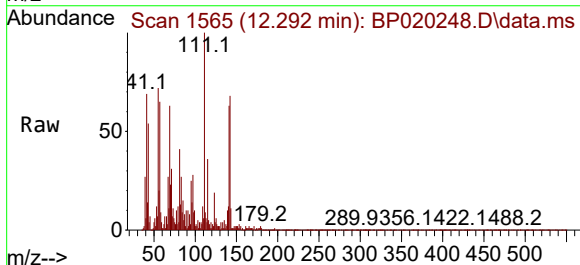
Instrument :
BNA_P
ClientSampleId :
A43N5

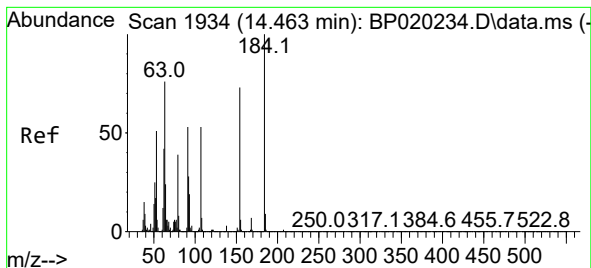
Tgt Ion:113 Resp: 71510
Ion Ratio Lower Upper
113 100
55 265.6 131.0 196.6#
56 207.2 105.4 158.2#



#37
1-Methylnaphthalene
Concen: 4.031 ng/ul
RT: 12.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion:142 Resp: 73748
Ion Ratio Lower Upper
142 100
141 93.1 75.5 113.3
116 7.6 3.9 5.9#





#53

2,4-Dinitrophenol

Concen: 5.990 ng/ul

RT: 14.469 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

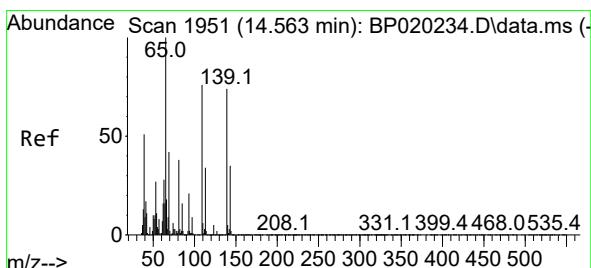
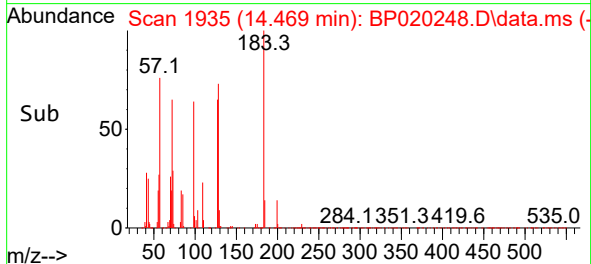
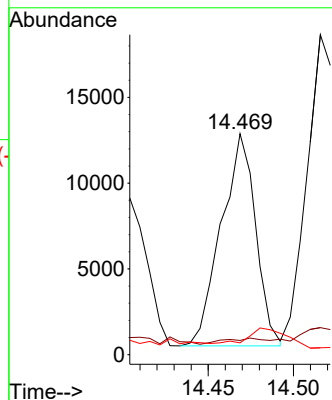
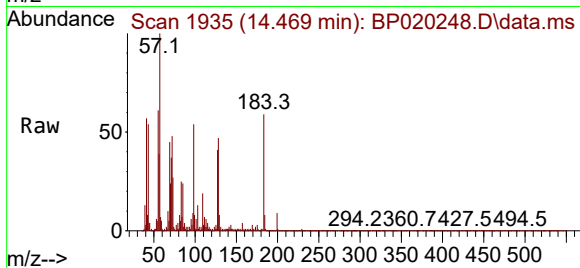
Tgt Ion:184 Resp: 17342

Ion Ratio Lower Upper

184 100

63 6.5 65.6 98.4#

154 5.3 53.8 80.8#



#55

4-Nitrophenol

Concen: 9.110 ng/ul

RT: 14.545 min Scan# 1948

Delta R.T. -0.024 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

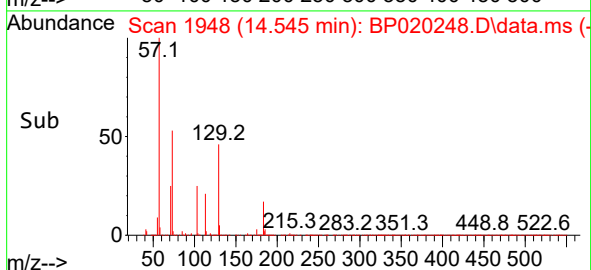
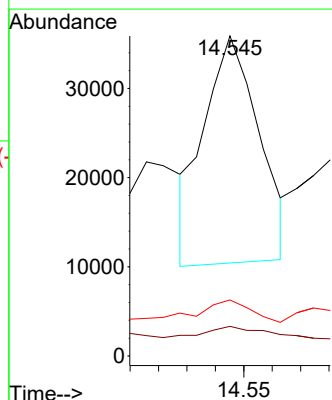
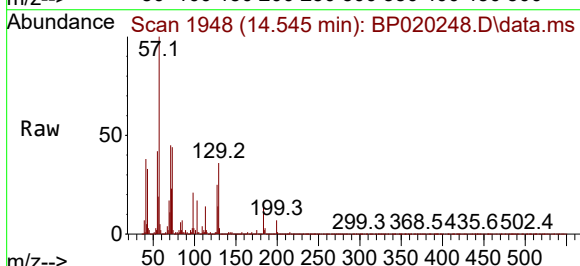
Tgt Ion:109 Resp: 34241

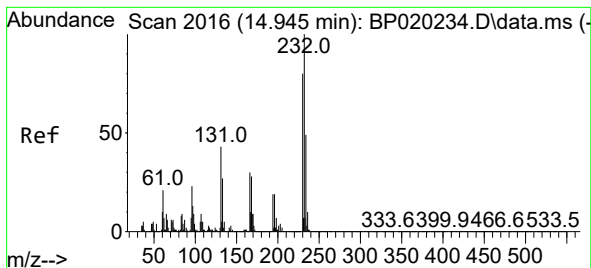
Ion Ratio Lower Upper

109 100

139 9.3 78.4 117.6#

65 17.5 101.8 152.6#

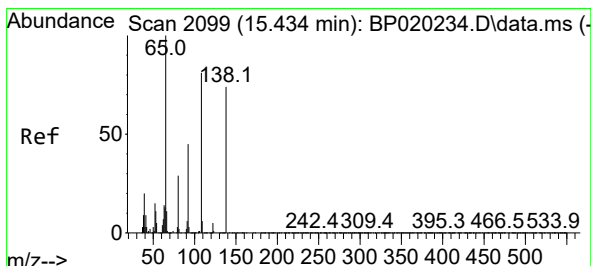
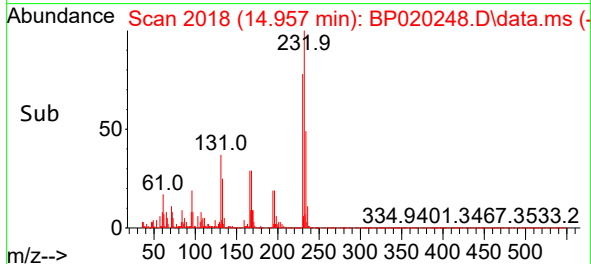
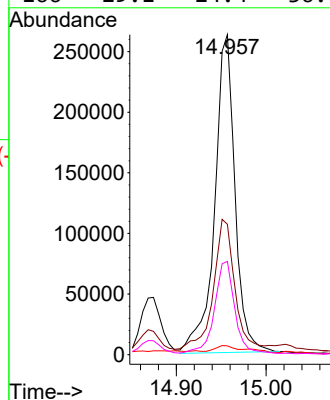
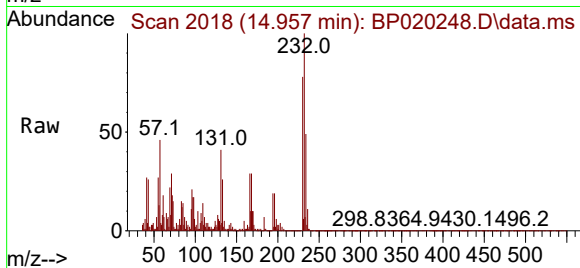




#58
2,3,4,6-Tetrachlorophenol
Concen: 67.922 ng/ul
RT: 14.957 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

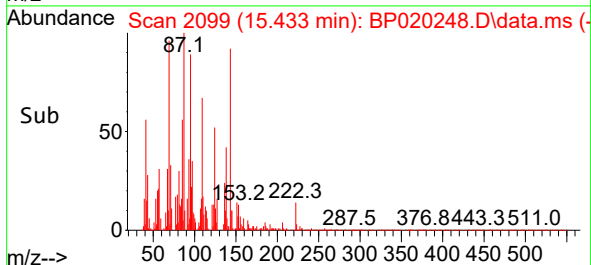
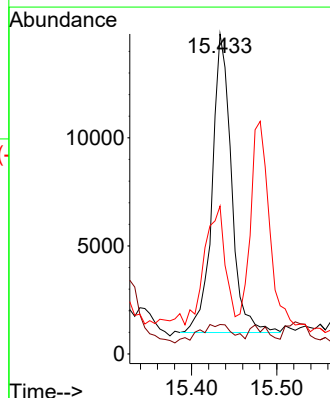
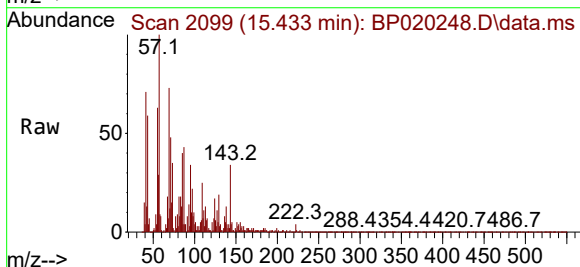
Instrument :
BNA_P
ClientSampleId :
A43N5

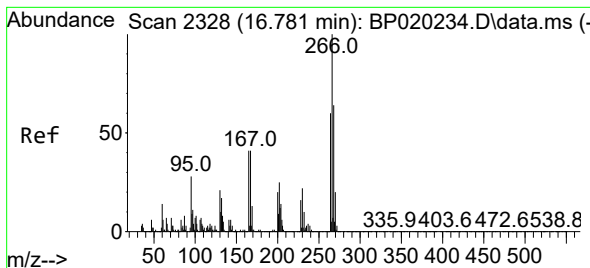
Tgt Ion:232	Resp:	412865
Ion Ratio	Lower	Upper
232	100	
131	40.8	36.7 55.1
130	2.8	1.9 2.9
166	29.1	24.4 36.6



#63
4-Nitroaniline
Concen: 5.936 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion:138	Resp:	21760
Ion Ratio	Lower	Upper
138	100	
92	9.2	47.6 71.4#
108	46.2	90.5 135.7#





#71

Pentachlorophenol

Concen: 3751.474 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. 0.058 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

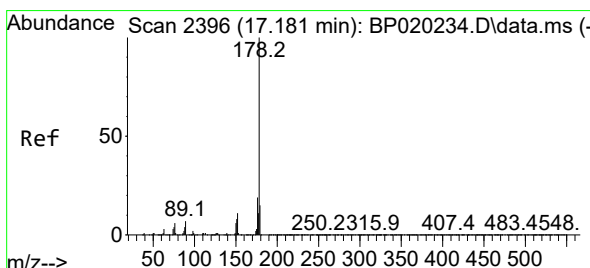
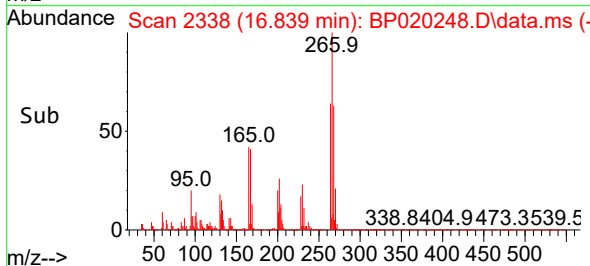
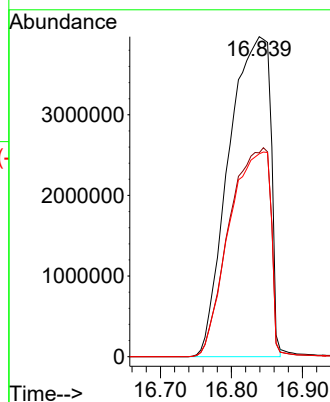
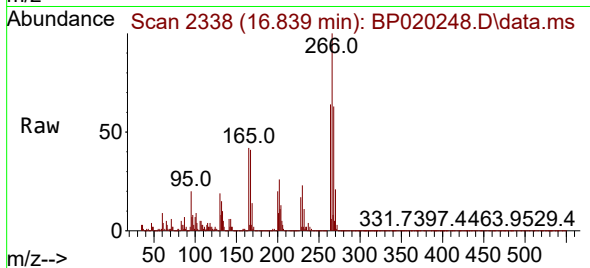
Tgt Ion:266 Resp:16150092

Ion Ratio Lower Upper

266 100

264 63.7 49.8 74.6

268 63.4 50.4 75.6



#72

Phenanthrene

Concen: 3.500 ng/ul

RT: 17.198 min Scan# 2399

Delta R.T. 0.011 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

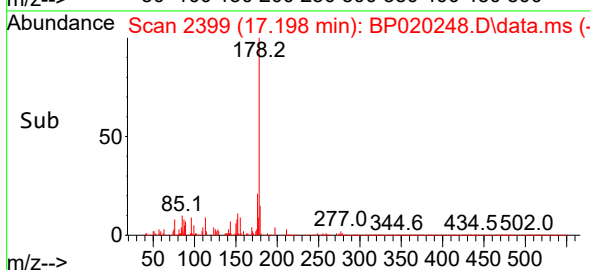
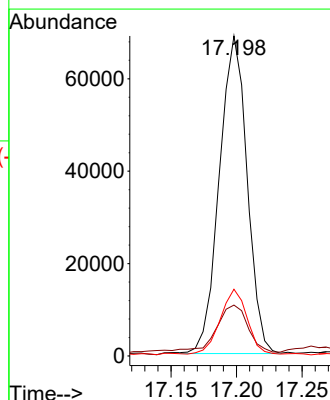
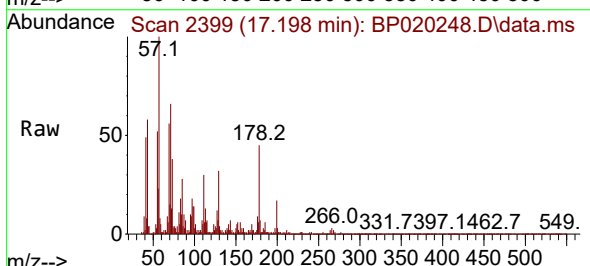
Tgt Ion:178 Resp: 101387

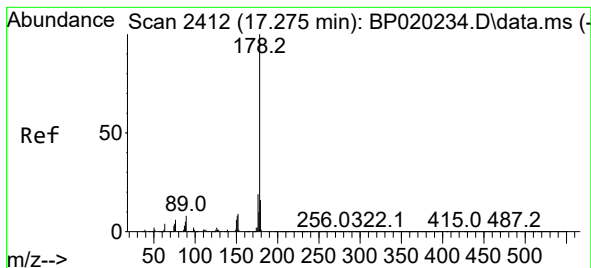
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

176 20.9 15.2 22.8





#74

Anthracene

Concen: 3.446 ng/uI

RT: 17.198 min Scan# 21

Delta R.T. -0.077 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

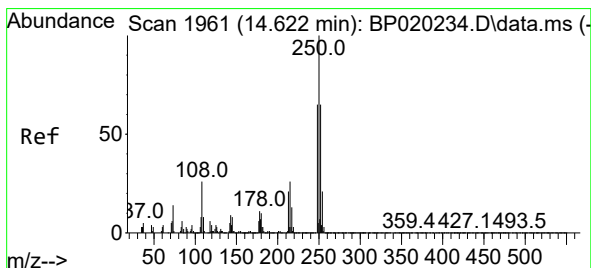
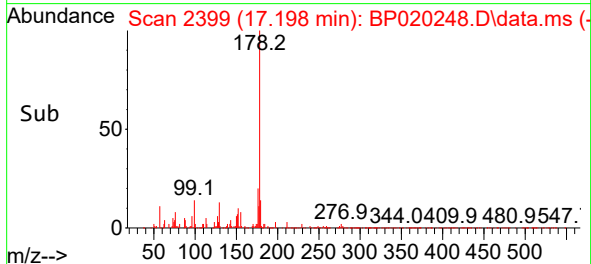
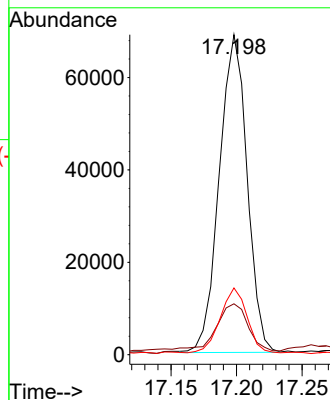
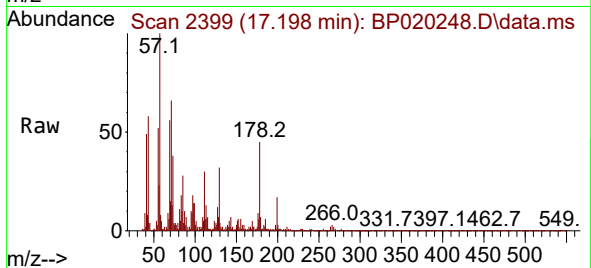
Tgt Ion:178 Resp: 101523

Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

176 20.9 14.8 22.2



#76

Pentachlorobenzene

Concen: 1.654 ng/uI

RT: 14.622 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

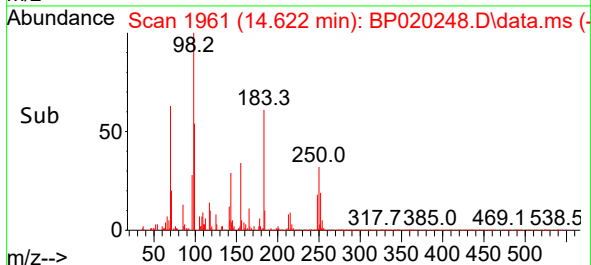
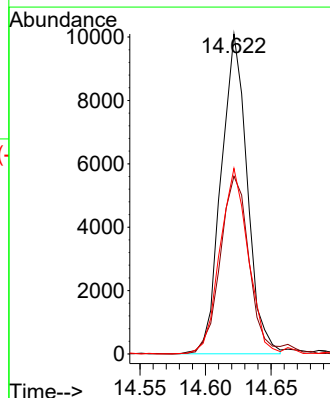
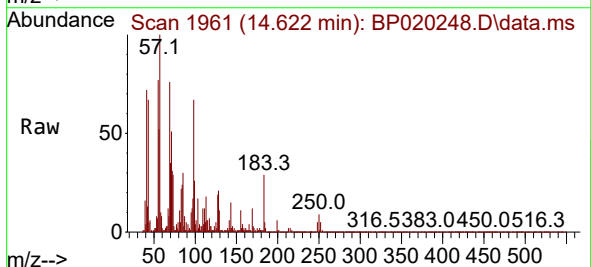
Tgt Ion:250 Resp: 13963

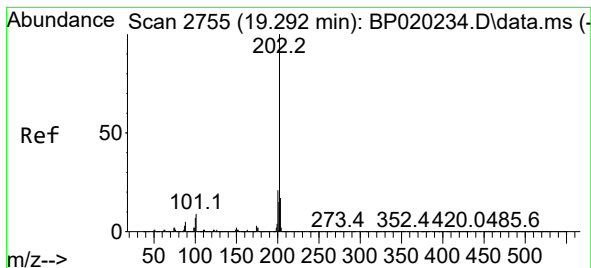
Ion Ratio Lower Upper

250 100

248 55.6 51.0 76.6

252 58.0 52.1 78.1





#80

Fluoranthene

Concen: 1.910 ng/ul

RT: 19.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

Instrument :

BNA_P

ClientSampleId :

A43N5

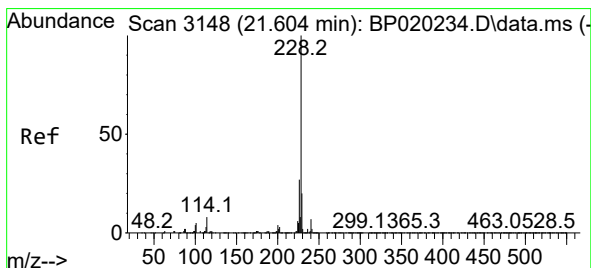
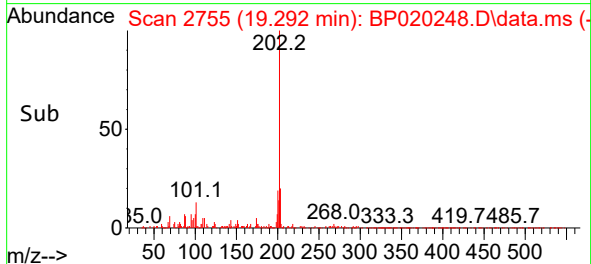
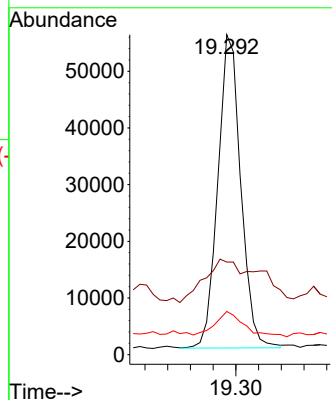
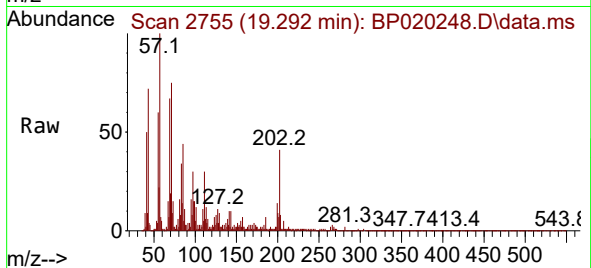
Tgt Ion:202 Resp: 77359

Ion Ratio Lower Upper

202 100

101 28.9 7.0 10.4#

100 13.5 5.5 8.3#



#85

Benzo(a)anthracene

Concen: 1.053 ng/ul

RT: 21.680 min Scan# 3161

Delta R.T. 0.064 min

Lab File: BP020248.D

Acq: 08 May 2024 22:12

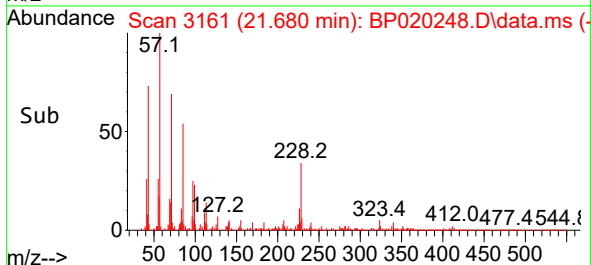
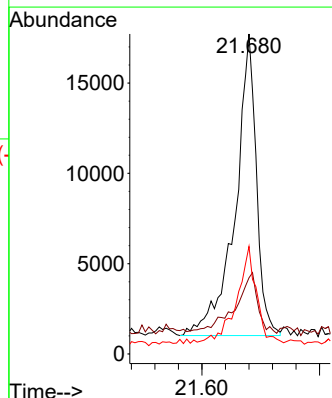
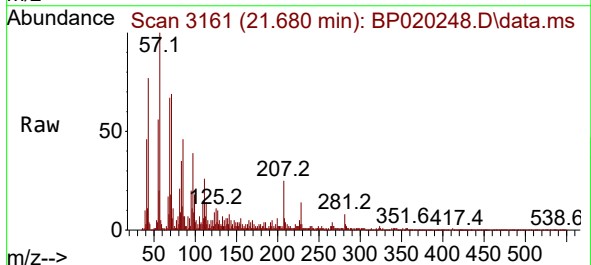
Tgt Ion:228 Resp: 42030

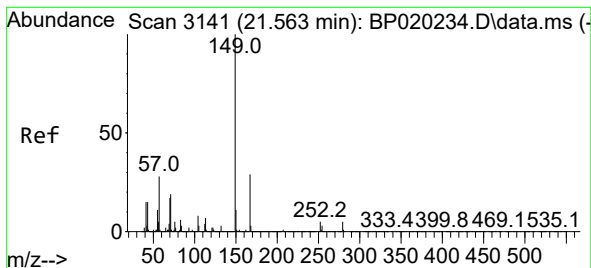
Ion Ratio Lower Upper

228 100

229 23.8 15.8 23.8#

226 33.6 21.5 32.3#

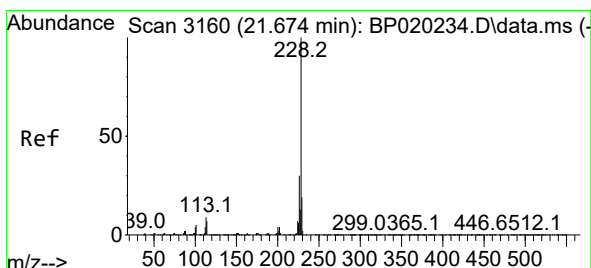
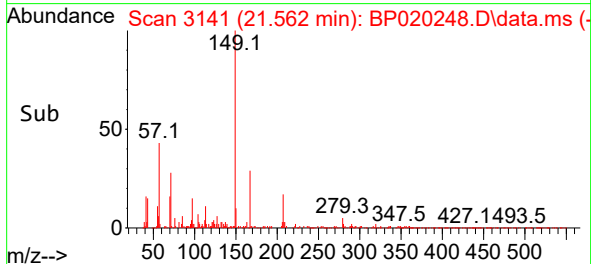
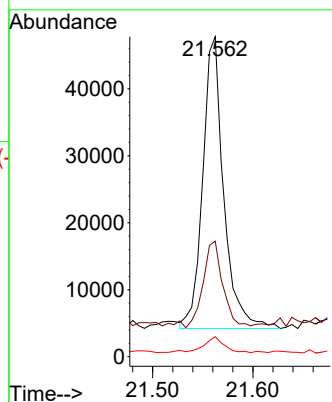
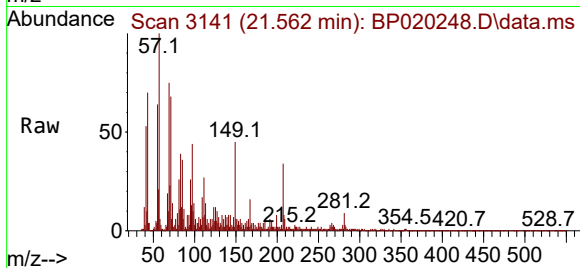




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.750 ng/ul
RT: 21.562 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Instrument :
BNA_P
ClientSampleId :
A43N5

Tgt Ion:149 Resp: 63460
Ion Ratio Lower Upper
149 100
167 36.1 21.4 32.0#
279 6.3 3.4 5.2#



#87
Chrysene
Concen: 1.139 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP020248.D
Acq: 08 May 2024 22:12

Tgt Ion:228 Resp: 42168
Ion Ratio Lower Upper
228 100
226 33.6 24.2 36.4
229 23.8 15.9 23.9

