

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
 Data File : BP016225.D
 Acq On : 14 Jul 2023 14:31
 Operator : MA/JU
 Sample : 03437-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4668

Quant Time: Jul 14 22:21:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	123173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	588274	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	391863	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	912148	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	990735	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1205835	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12239	3.516	ng/uL	0.00
4) Pyridine-d5	3.728	84	393	0.045	ng/u1	-0.01
7) Phenol-d5	7.146	99	300752	27.032	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	185781	24.695	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	223590	27.840	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	198043	22.097	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	107259	26.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	124649	26.948	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	227813	28.441	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	300021	23.368	ng/u1	0.01
46) Dimethylphthalate-d6	14.028	166	893316	29.885	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	915345	27.942	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	118261	19.386	ng/u1	-0.03
60) Fluorene-d10	15.616	176	766625	30.645	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	121349	23.045	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1389440	34.824	ng/u1	0.00
81) Pyrene-d10	19.710	212	1825975	35.518	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.804	264	2151687	37.157	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	61516	16.111	ng/uL#	95
6) Benzaldehyde	7.116	77	240445	34.612	ng/u1	96
8) Phenol	7.175	94	385036	32.285	ng/u1	99
12) 2-Chlorophenol	7.522	128	187601	22.513	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.781	70	183448	23.153	ng/u1	99
22) Nitrobenzene	9.205	77	221059	18.747	ng/u1	98
25) 2-Nitrophenol	9.922	139	105918	21.312	ng/u1	97
29) 2,4-Dichlorophenol	10.487	162	194953	23.669	ng/u1	97
30) Naphthalene	10.834	128	473693	15.344	ng/u1	100
33) Hexachlorobutadiene	11.087	225	120093	21.468	ng/u1	97
35) 4-Chloro-3-methylphenol	12.110	107	398369	39.194	ng/u1	98
37) 1-Methylnaphthalene	12.663	142	447410	21.017	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	195857	17.549	ng/u1	99
41) 2,4,6-Trichlorophenol	13.081	196	216751	30.740	ng/u1	98
43) 1,1'-Biphenyl	13.446	154	676687	23.673	ng/u1	97
44) 2-Chloronaphthalene	13.498	162	327739	14.593	ng/u1	99
47) Dimethylphthalate	14.075	163	593066	19.644	ng/u1	100
48) 2,6-Dinitrotoluene	14.234	165	140138	24.622	ng/u1	98
52) Acenaphthene	14.675	153	499711	19.637	ng/u1	99
55) 4-Nitrophenol	14.922	109	81806	17.621	ng/u1#	68
56) Dibenzofuran	15.028	168	604718	17.446	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.281	232	160023	23.521	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.657	204	223061	15.928	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.804	198	197147	35.822	ng/u1	97

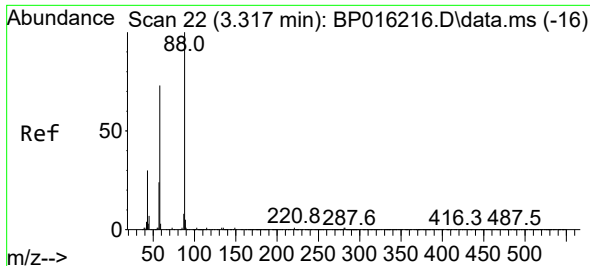
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.675	284	218394	20.921	ng/ul	99
71) Pentachlorophenol	17.045	266	206930	39.529	ng/ul	94
72) Phenanthrene	17.422	178	953073	20.053	ng/ul	99
74) Anthracene	17.516	178	1098502	23.002	ng/ul	99
77) Carbazole	17.804	167	1079575	24.794	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1106609	20.288	ng/ul	99
80) Fluoranthene	19.386	202	2713558	45.139	ng/ul	100
82) Pyrene	19.745	202	2011208	31.335	ng/ul	98
83) Butylbenzylphthalate	20.592	149	547201	19.768	ng/ul	94
85) Benzo(a)anthracene	21.457	228	2517923	39.028	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1029934	24.907	ng/ul	99
87) Chrysene	21.516	228	1829434	27.992	ng/ul	99
90) Benzo(b)fluoranthene	23.198	252	2047731	29.729	ng/ul	100
91) Benzo(k)fluoranthene	23.198	252	2047731	29.214	ng/ul	100
93) Benzo(a)pyrene	23.857	252	1818212	26.647	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	2375084	28.110	ng/ul	100
95) Dibenzo(a,h)anthracene	26.615	278	1550024	22.490	ng/ul	98

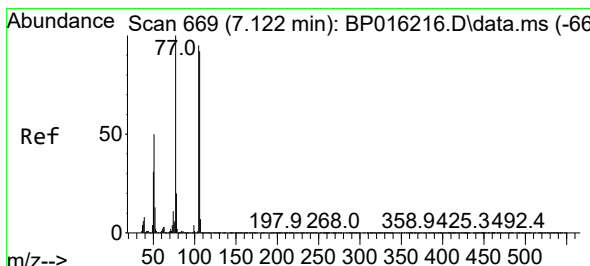
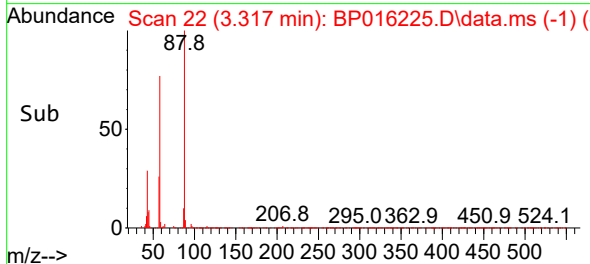
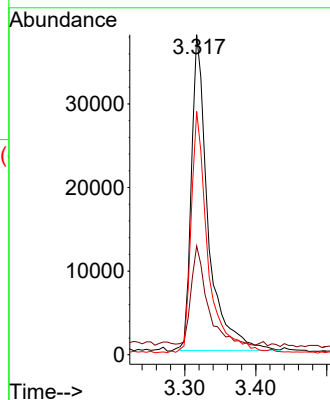
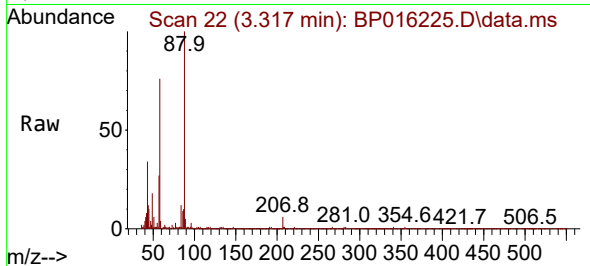
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 16.111 ng/uL
RT: 3.317 min Scan# 21
Delta R.T. -0.006 min
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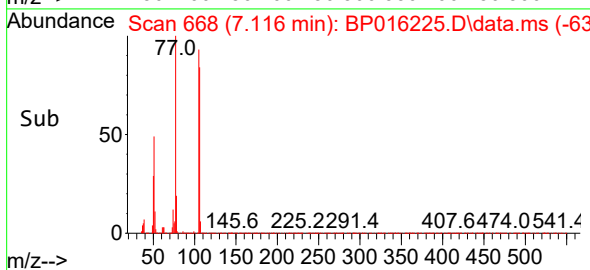
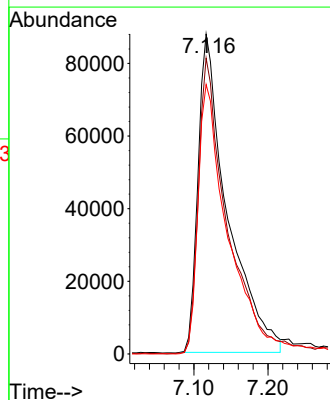
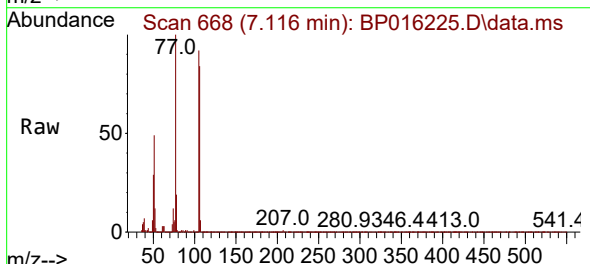
Instrument :
BNA_P
ClientSampleId :
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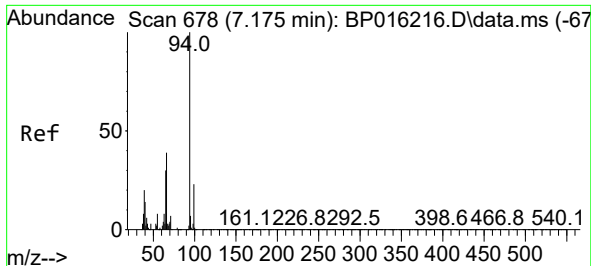
Tgt Ion: 88 Resp: 61516
Ion Ratio Lower Upper
88 100
43 33.9 22.3 33.5#
58 76.0 63.1 94.7



#6
Benzaldehyde
Concen: 34.612 ng/uL
RT: 7.116 min Scan# 668
Delta R.T. -0.017 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion: 77 Resp: 240445
Ion Ratio Lower Upper
77 100
105 92.5 69.4 104.2
106 84.2 66.2 99.4

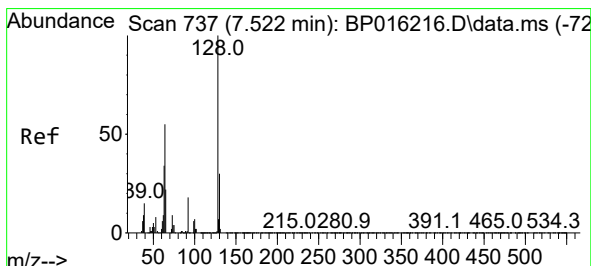
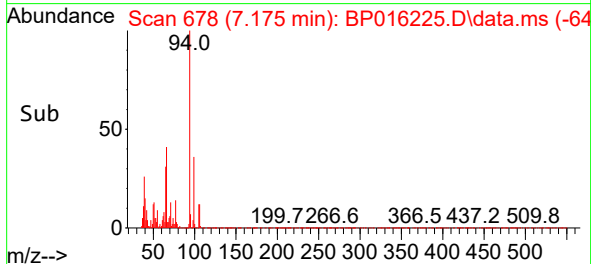
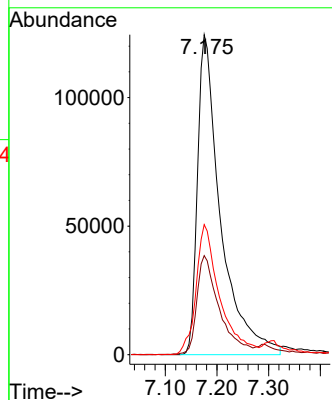
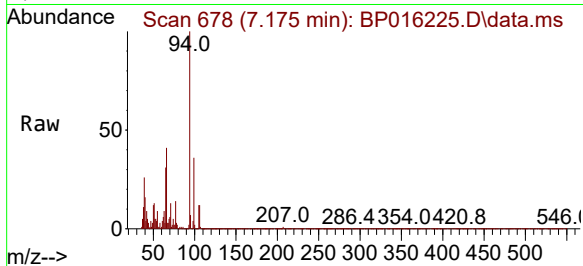




#8
Phenol
Concen: 32.285 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

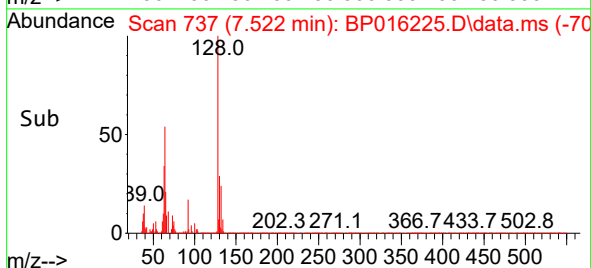
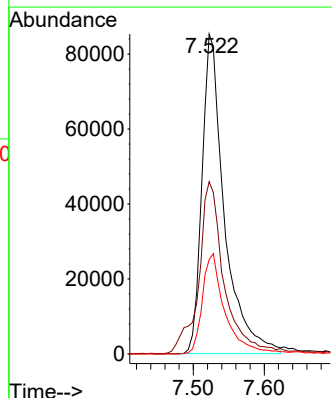
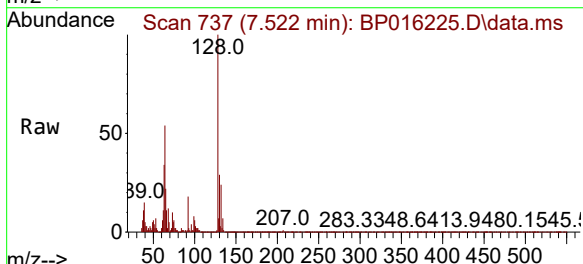
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ClientSampleId :
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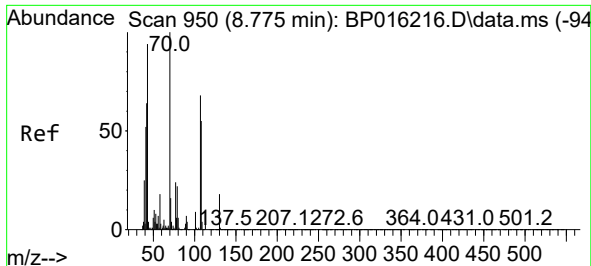
Tgt Ion: 94 Resp: 385036
Ion Ratio Lower Upper
94 100
65 31.0 25.5 38.3
66 40.7 32.7 49.1



#12
2-Chlorophenol
Concen: 22.513 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. -0.011 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion: 128 Resp: 187601
Ion Ratio Lower Upper
128 100
64 53.9 44.1 66.1
130 29.5 24.3 36.5

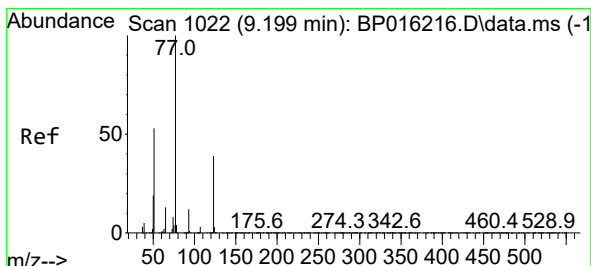
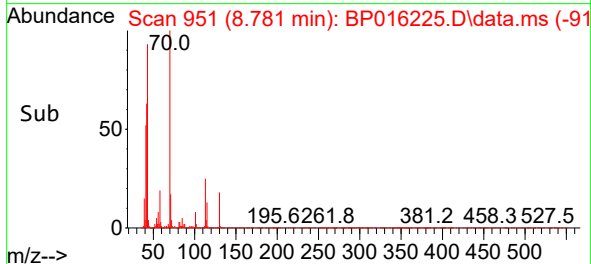
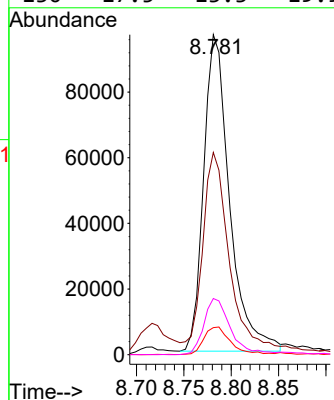
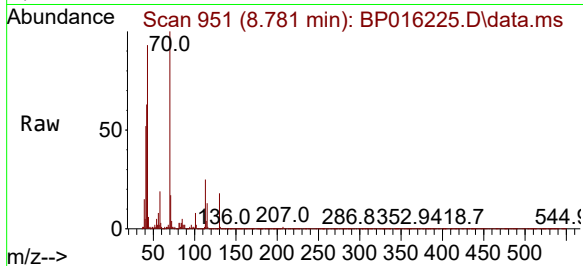




#17
N-Nitroso-di-n-propylamine
Concen: 23.153 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

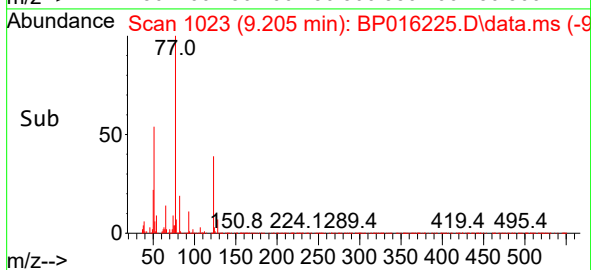
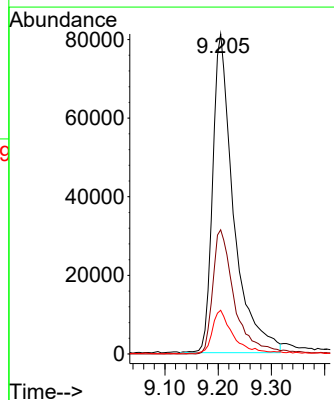
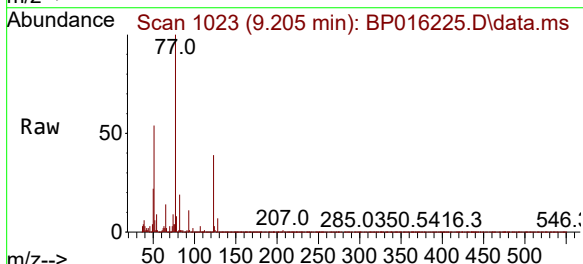
Instrument :
BNA_P
ClientSampleId :
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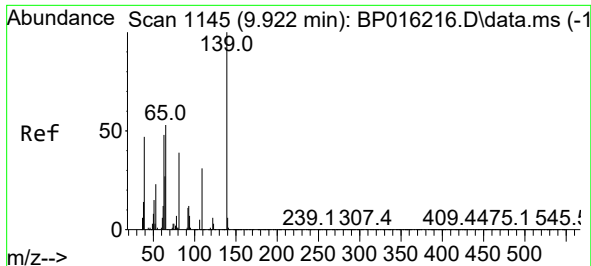
Tgt Ion:	70	Resp:	183448
Ion	Ratio	Lower	Upper
70	100		
42	63.2	50.8	76.2
101	8.4	7.0	10.6
130	17.5	13.3	19.9



#22
Nitrobenzene
Concen: 18.747 ng/ul
RT: 9.205 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:	77	Resp:	221059
Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.8	47.8
65	13.7	10.4	15.6

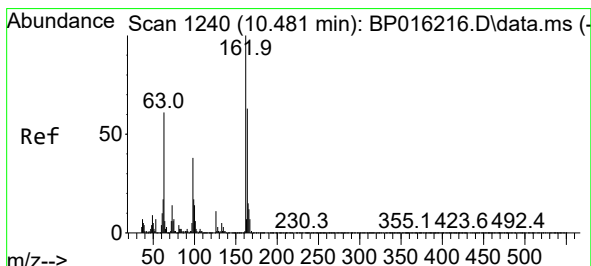
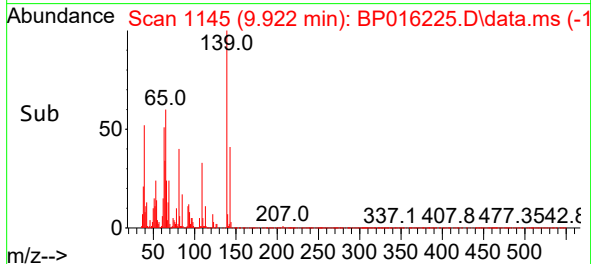
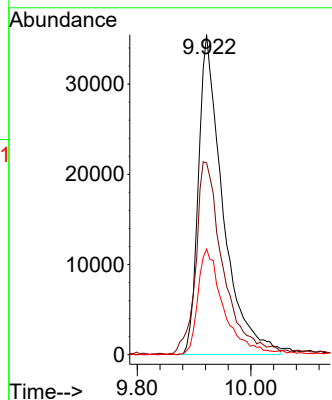
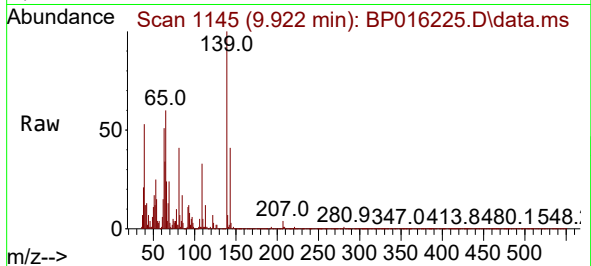




#25
2-Nitrophenol
Concen: 21.312 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

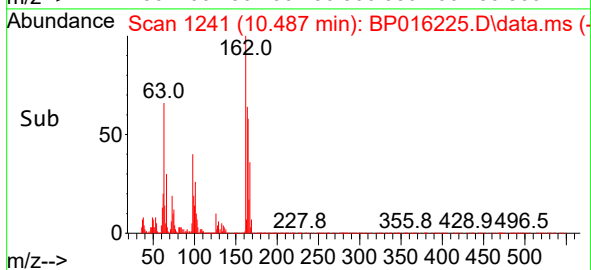
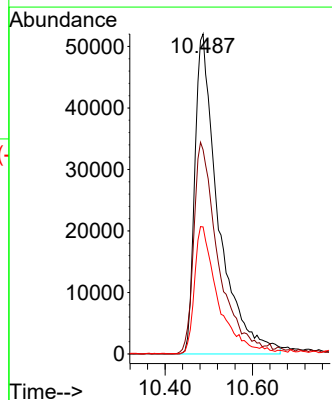
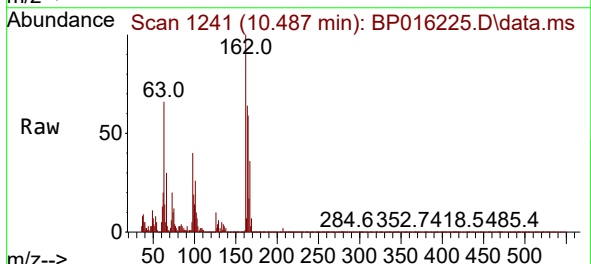
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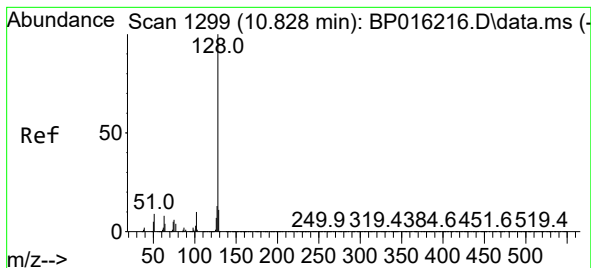
Tgt Ion:139 Resp: 105918
Ion Ratio Lower Upper
139 100
65 60.0 50.0 75.0
109 33.0 28.2 42.2



#29
2,4-Dichlorophenol
Concen: 23.669 ng/ul
RT: 10.487 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:162 Resp: 194953
Ion Ratio Lower Upper
162 100
164 63.8 54.3 81.5
98 39.7 31.8 47.8





#30

Naphthalene

Concen: 15.344 ng/ul

RT: 10.834 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

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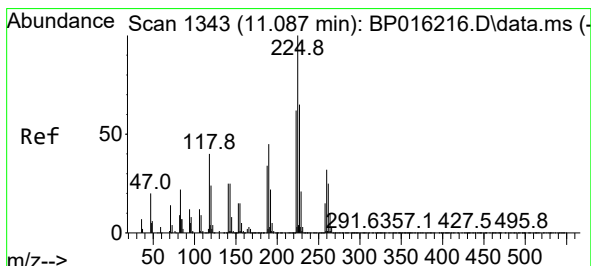
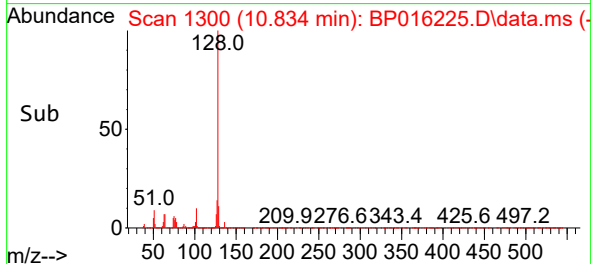
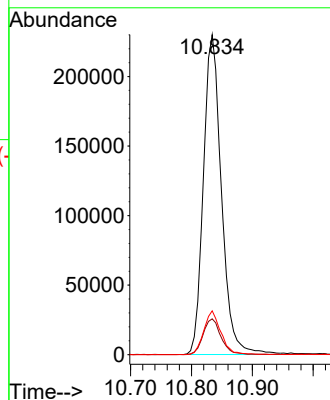
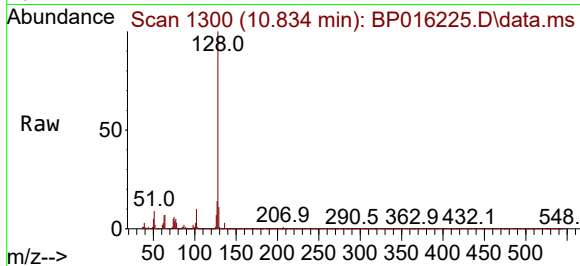
Tgt Ion:128 Resp: 473693

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.7 10.9 16.3



#33

Hexachlorobutadiene

Concen: 21.468 ng/ul

RT: 11.087 min Scan# 1343

Delta R.T. 0.000 min

Lab File: BP016225.D

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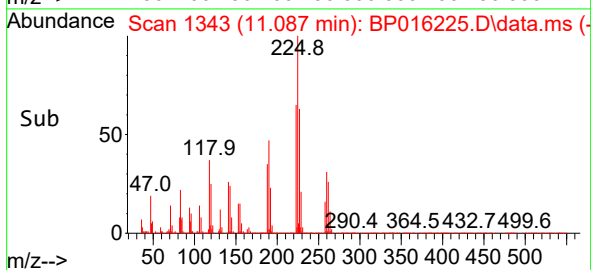
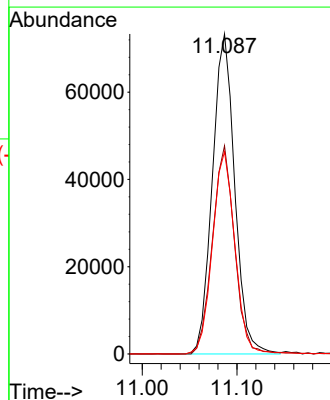
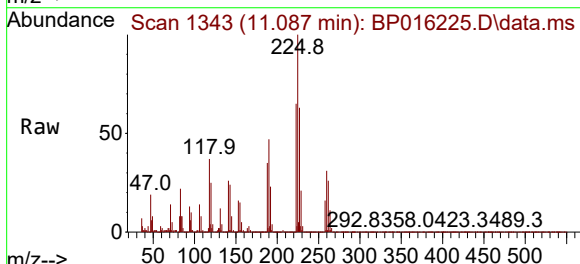
Tgt Ion:225 Resp: 120093

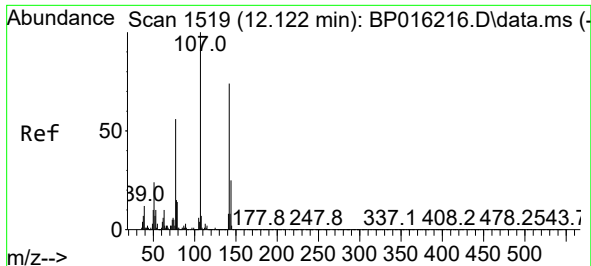
Ion Ratio Lower Upper

225 100

223 65.1 49.8 74.6

227 63.2 51.7 77.5

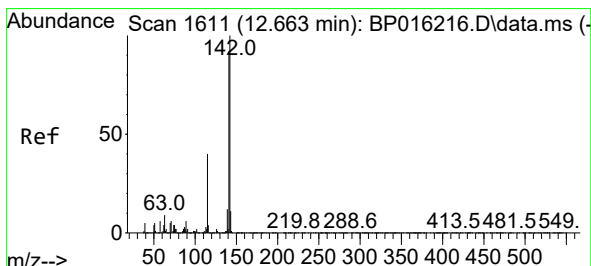
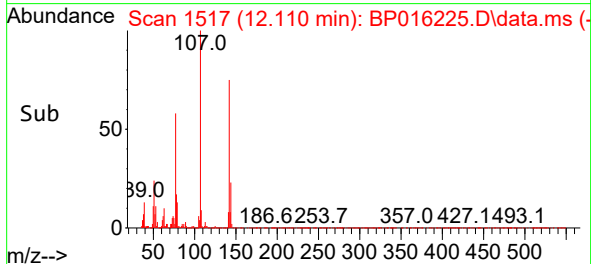
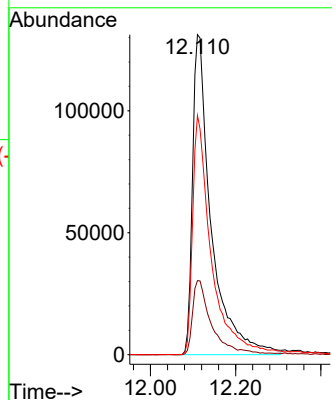
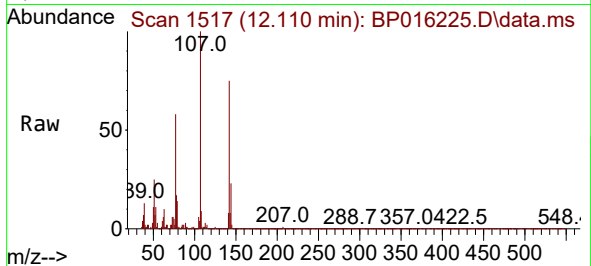




#35
4-Chloro-3-methylphenol
Concen: 39.194 ng/ul
RT: 12.110 min Scan# 1519
Delta R.T. -0.017 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

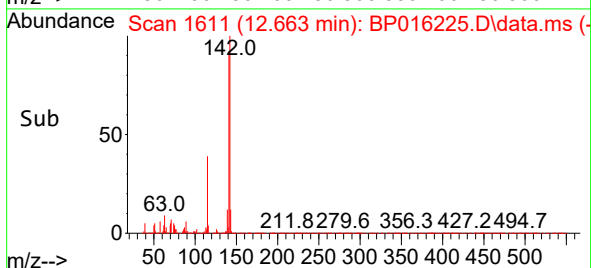
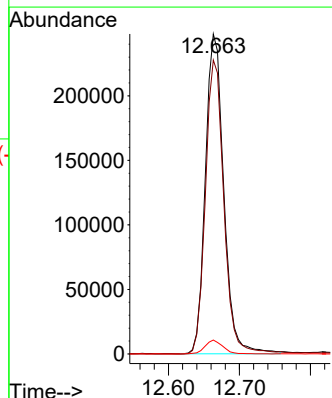
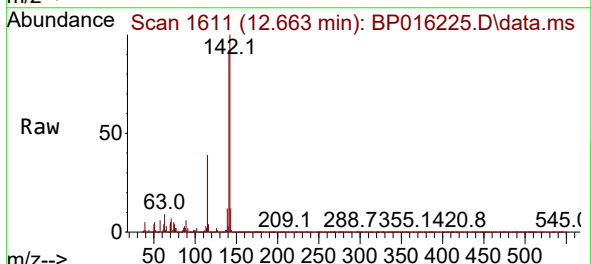
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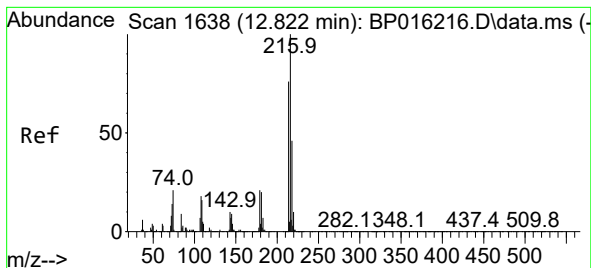
Tgt Ion:107 Resp: 398369
Ion Ratio Lower Upper
107 100
144 23.2 20.3 30.5
142 74.8 60.8 91.2



#37
1-Methylnaphthalene
Concen: 21.017 ng/ul
RT: 12.663 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:142 Resp: 447410
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9
116 4.4 3.4 5.2

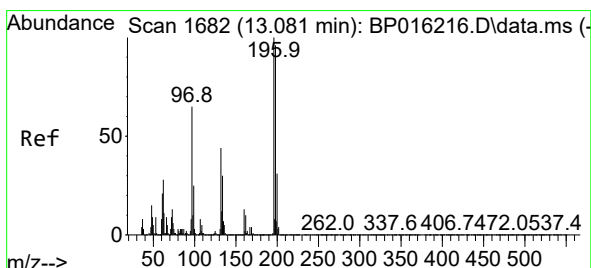
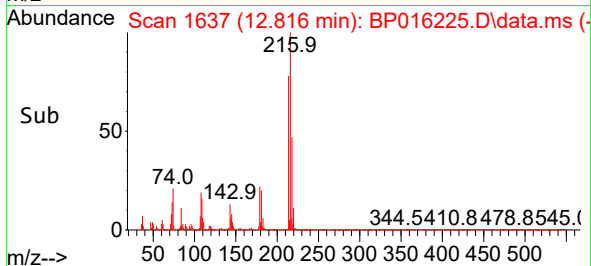
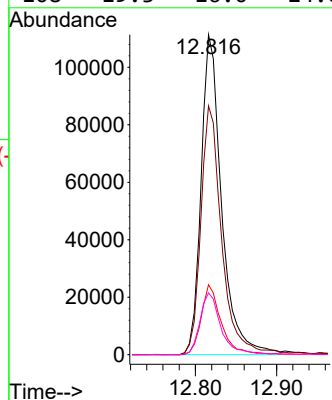
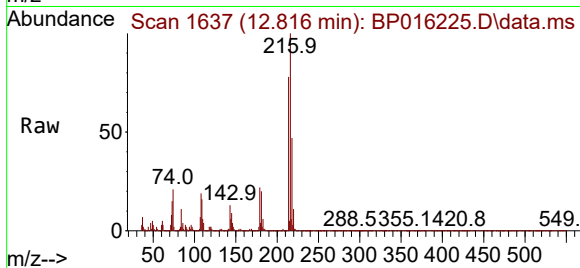




#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.549 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

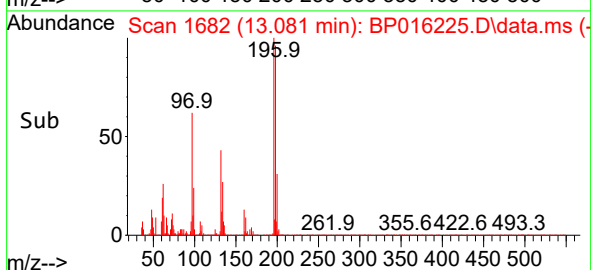
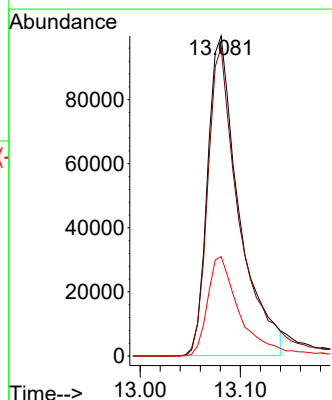
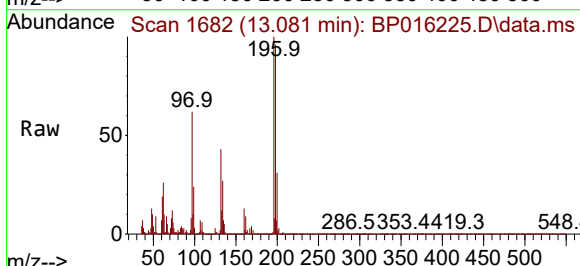
Instrument :
BNA_P
ClientSampleId :
A4668

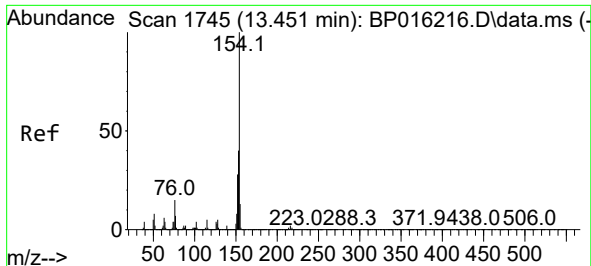
Tgt Ion:216 Resp: 195857
Ion Ratio Lower Upper
216 100
214 77.7 62.9 94.3
179 21.8 17.8 26.6
108 19.3 16.0 24.0



#41
2,4,6-Trichlorophenol
Concen: 30.740 ng/ul
RT: 13.081 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:196 Resp: 216751
Ion Ratio Lower Upper
196 100
198 96.4 79.2 118.8
200 31.0 24.2 36.4

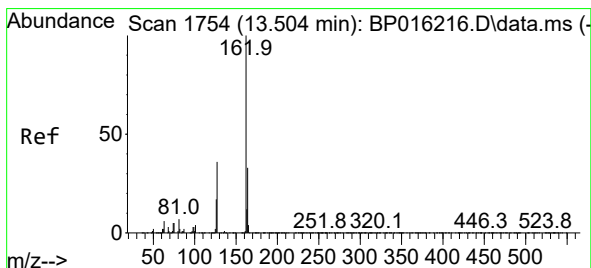
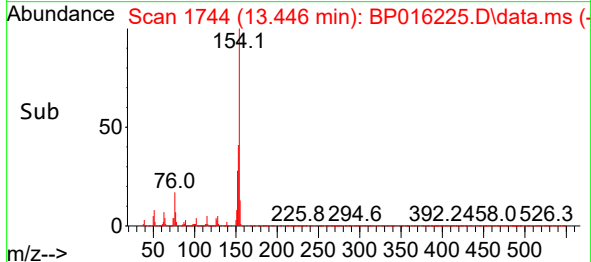
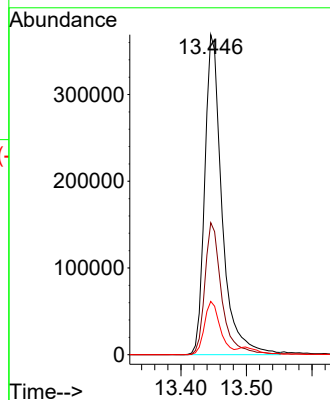
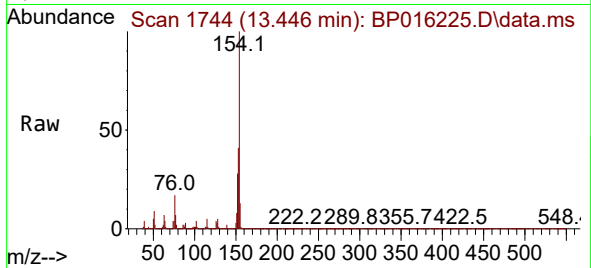




#43
1,1'-Biphenyl
Concen: 23.673 ng/ul
RT: 13.446 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

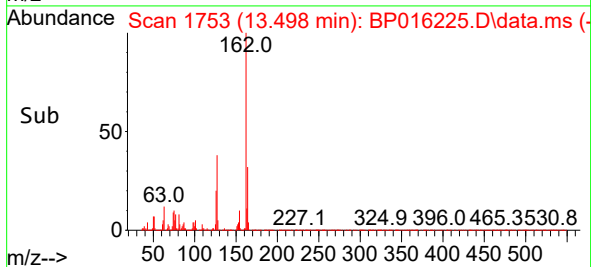
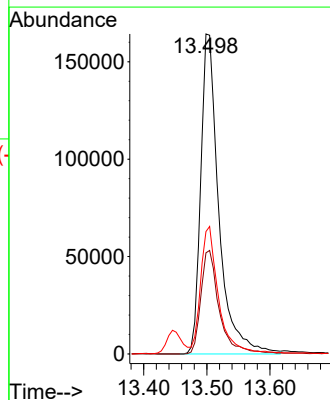
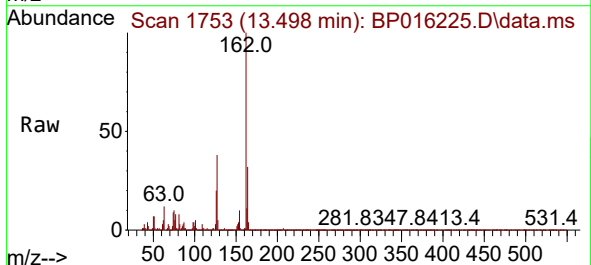
Instrument :
BNA_P
ClientSampleId :
A4668

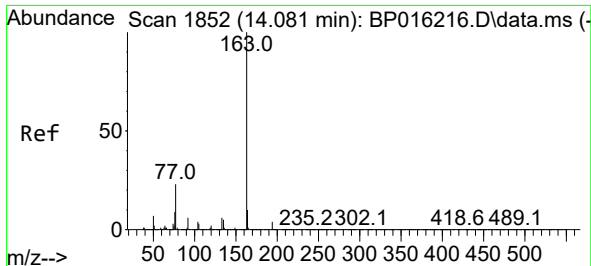
Tgt Ion:154 Resp: 676687
Ion Ratio Lower Upper
154 100
153 41.2 31.1 46.7
76 16.7 12.9 19.3



#44
2-Chloronaphthalene
Concen: 14.593 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:162 Resp: 327739
Ion Ratio Lower Upper
162 100
164 31.6 26.0 39.0
127 38.2 31.2 46.8

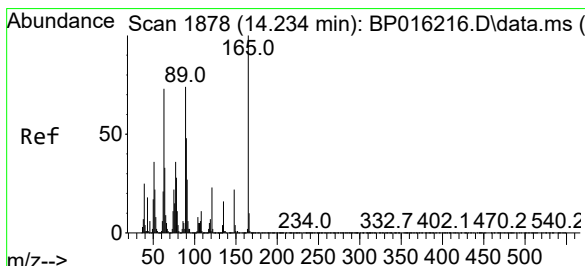
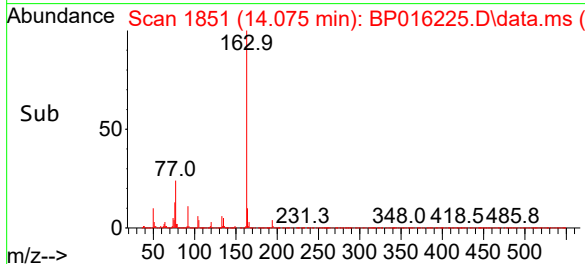
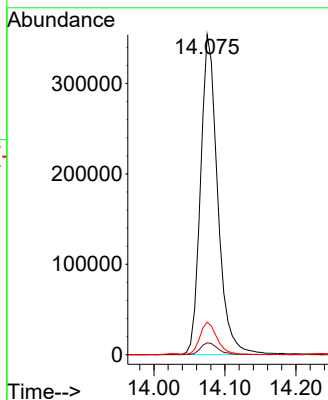
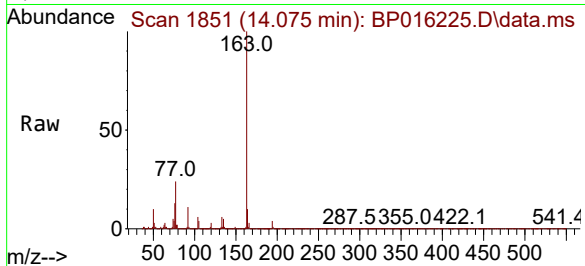




#47
Dimethylphthalate
Concen: 19.644 ng/ul
RT: 14.075 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

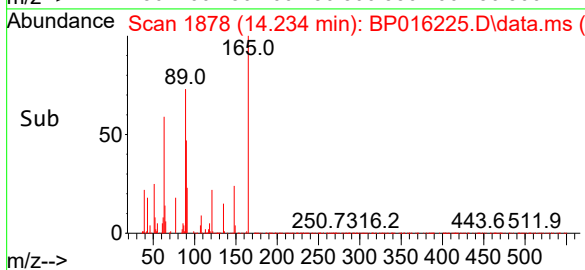
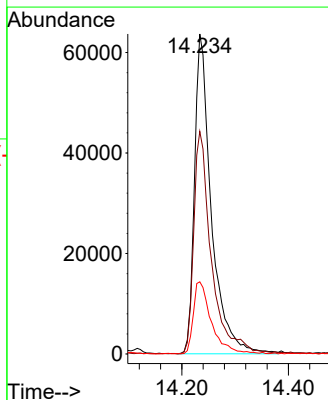
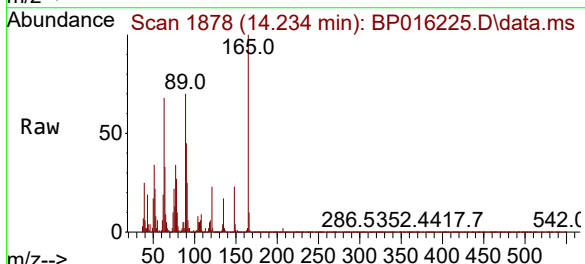
Instrument :
BNA_P
ClientSampleId :
A4668

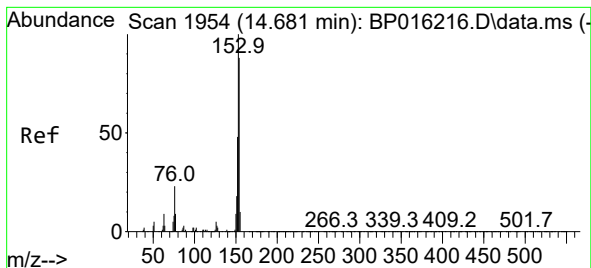
Tgt Ion:163 Resp: 593066
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 24.622 ng/ul
RT: 14.234 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:165 Resp: 140138
Ion Ratio Lower Upper
165 100
89 69.5 54.8 82.2
121 22.6 19.4 29.0





#52

Acenaphthene

Concen: 19.637 ng/ul

RT: 14.675 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

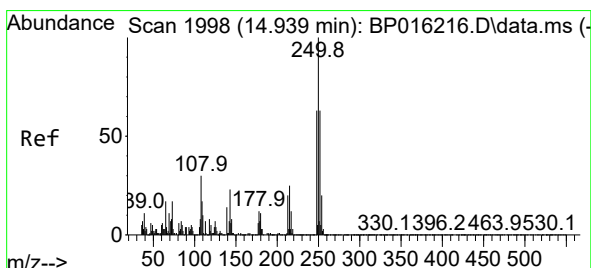
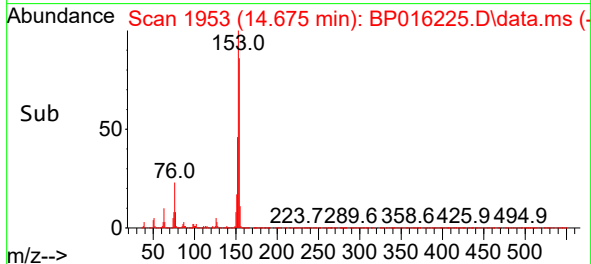
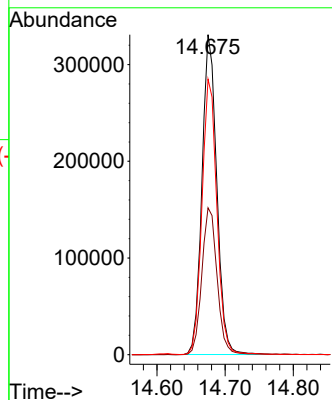
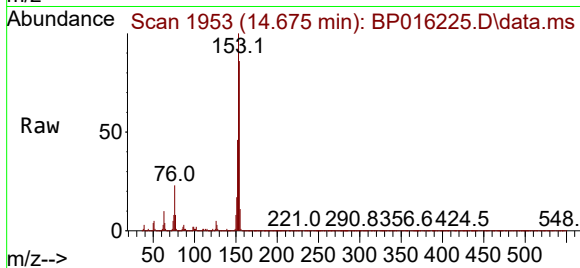
Tgt Ion:153 Resp: 499711

Ion Ratio Lower Upper

153 100

152 45.9 37.9 56.9

154 86.1 69.3 103.9



#55

4-Nitrophenol

Concen: 17.621 ng/ul

RT: 14.922 min Scan# 1995

Delta R.T. -0.017 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

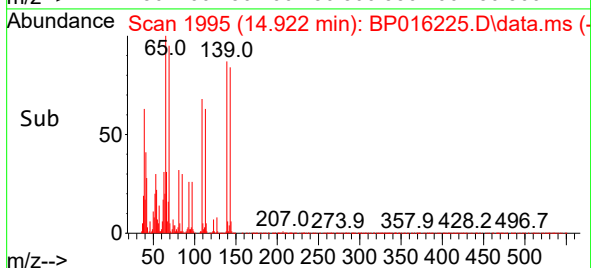
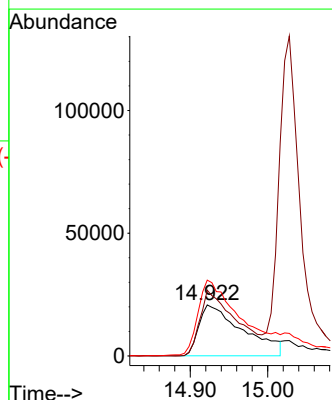
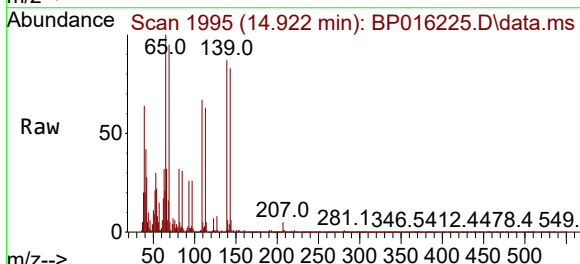
Tgt Ion:109 Resp: 81806

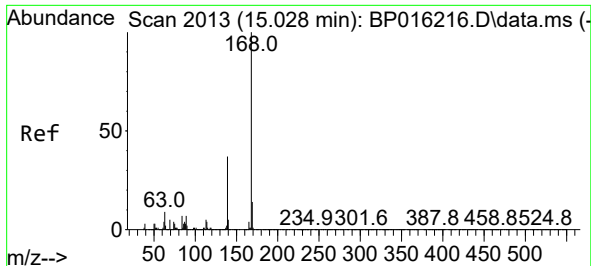
Ion Ratio Lower Upper

109 100

139 128.6 76.8 115.2#

65 148.3 92.2 138.4#

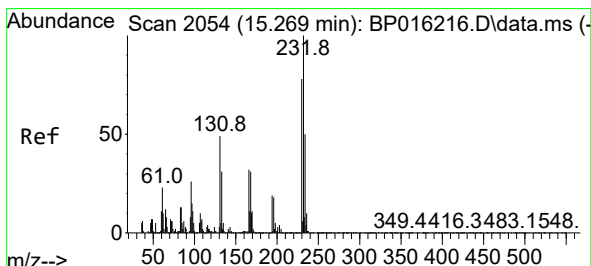
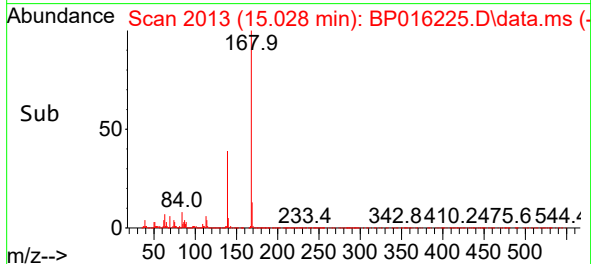
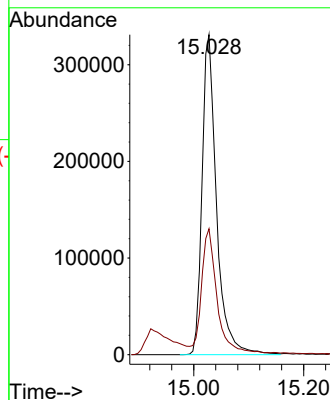
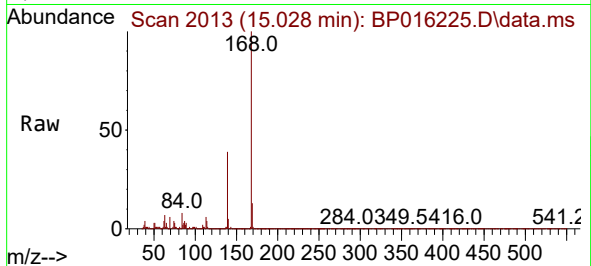




#56
Dibenzenofuran
Concen: 17.446 ng/ul
RT: 15.028 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

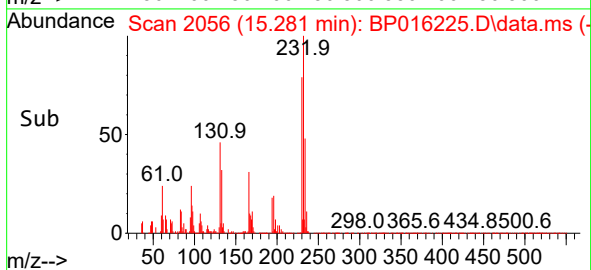
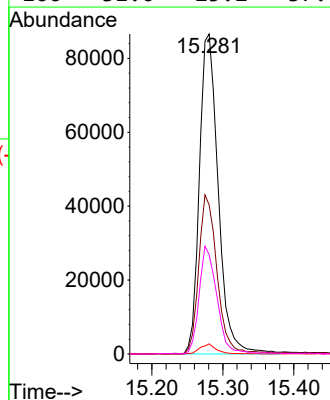
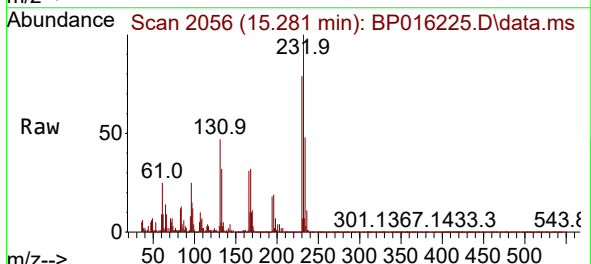
Instrument :
BNA_P
ClientSampleId :
A4668

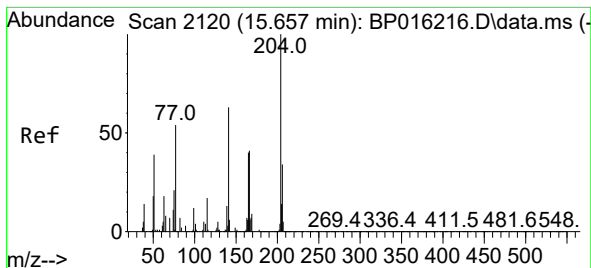
Tgt Ion:168 Resp: 604718
Ion Ratio Lower Upper
168 100
139 39.4 30.6 45.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.521 ng/ul
RT: 15.281 min Scan# 2056
Delta R.T. 0.012 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:232 Resp: 160023
Ion Ratio Lower Upper
232 100
131 46.6 38.6 57.8
130 3.1 2.2 3.4
166 31.0 25.2 37.8

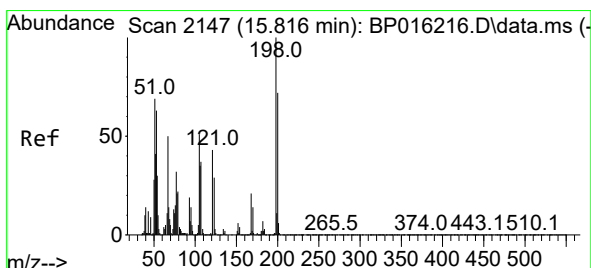
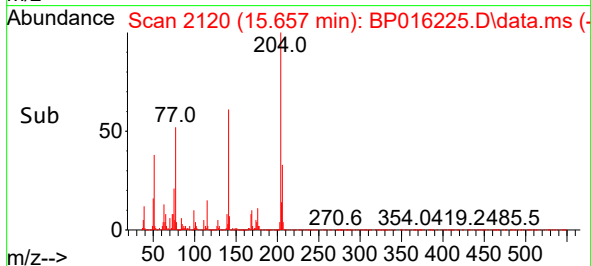
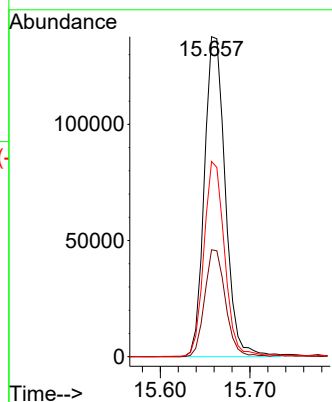
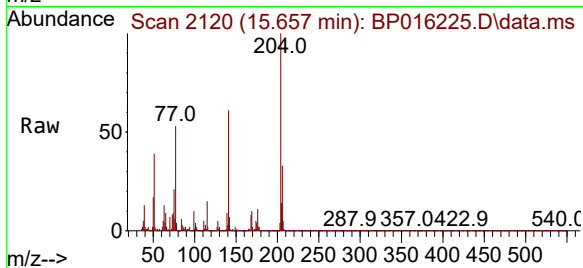




#62
4-Chlorophenyl-phenylether
Concen: 15.928 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

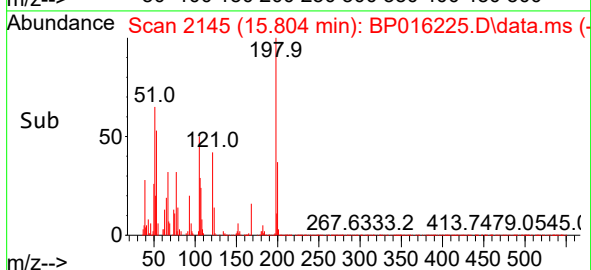
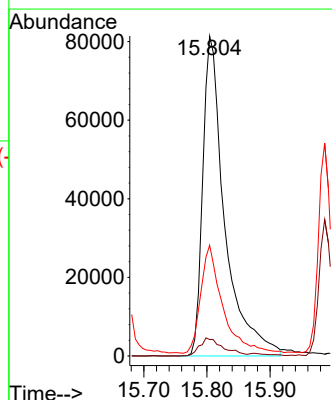
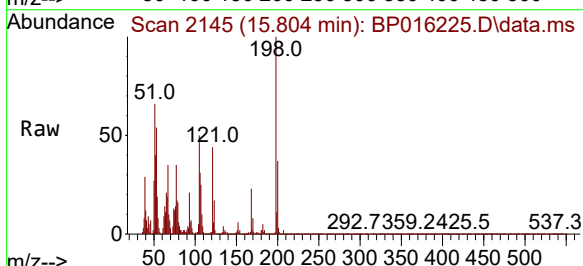
Instrument :
BNA_P
ClientSampleId :
A4668

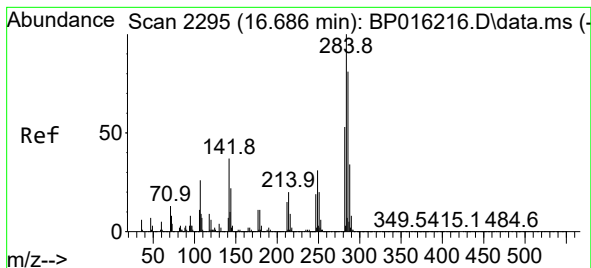
Tgt Ion:204 Resp: 223061
Ion Ratio Lower Upper
204 100
206 33.4 25.4 38.2
141 61.0 48.2 72.2



#66
4,6-Dinitro-2-methylphenol
Concen: 35.822 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:198 Resp: 197147
Ion Ratio Lower Upper
198 100
182 5.1 4.3 6.5
77 34.6 26.3 39.5





#69

Hexachlorobenzene

Concen: 20.921 ng/ul

RT: 16.675 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

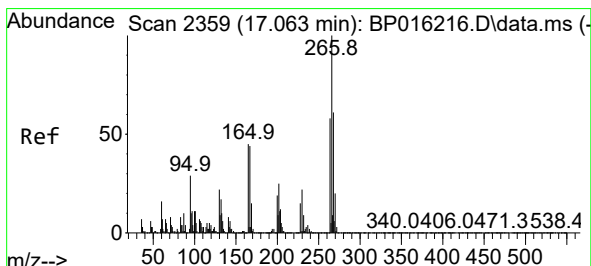
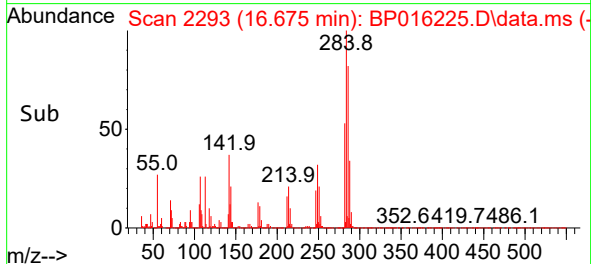
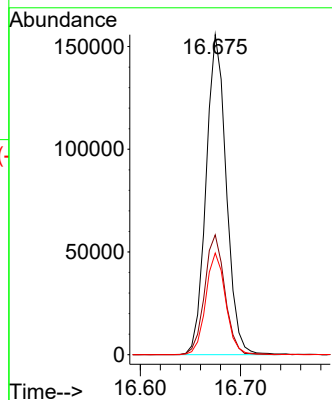
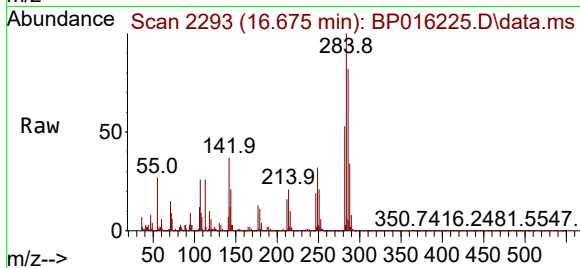
Tgt Ion:284 Resp: 218394

Ion Ratio Lower Upper

284 100

142 37.4 30.2 45.4

249 31.8 25.0 37.4



#71

Pentachlorophenol

Concen: 39.529 ng/ul

RT: 17.045 min Scan# 2356

Delta R.T. -0.012 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

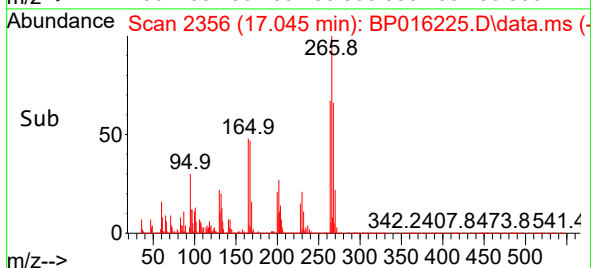
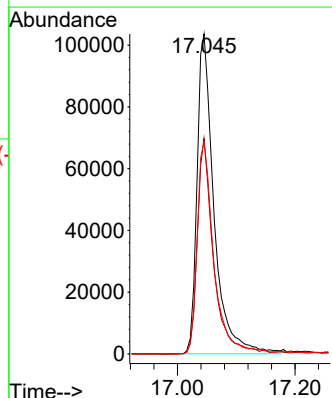
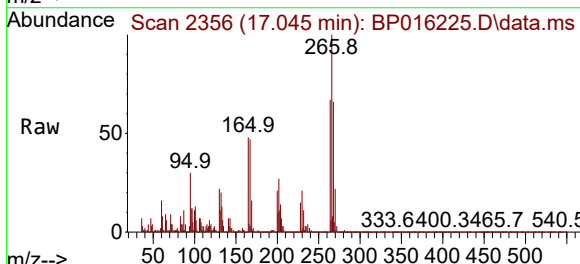
Tgt Ion:266 Resp: 206930

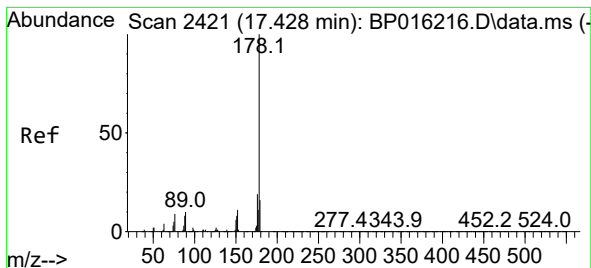
Ion Ratio Lower Upper

266 100

264 67.4 49.8 74.8

268 66.4 49.5 74.3





#72

Phenanthrene

Concen: 20.053 ng/ul

RT: 17.422 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

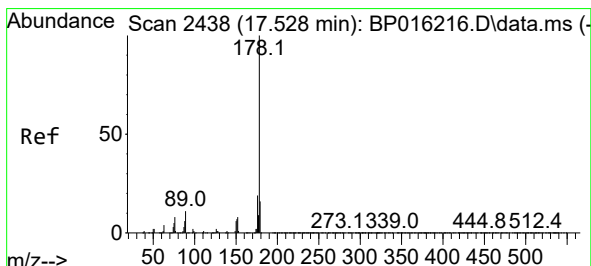
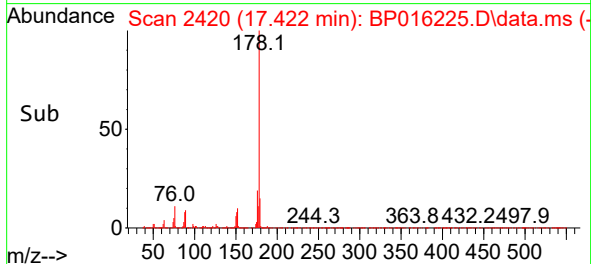
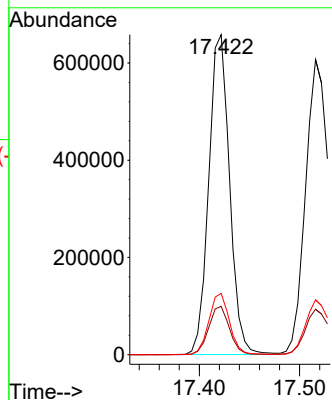
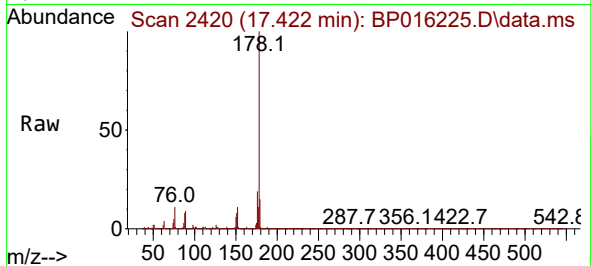
Tgt Ion:178 Resp: 953073

Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 19.2 15.6 23.4



#74

Anthracene

Concen: 23.002 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

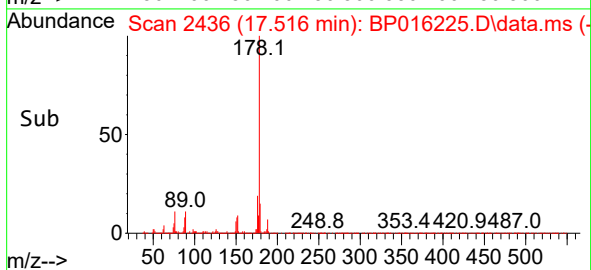
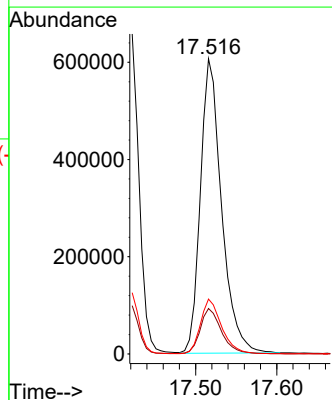
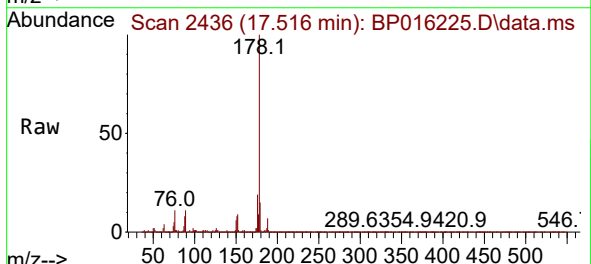
Tgt Ion:178 Resp: 1098502

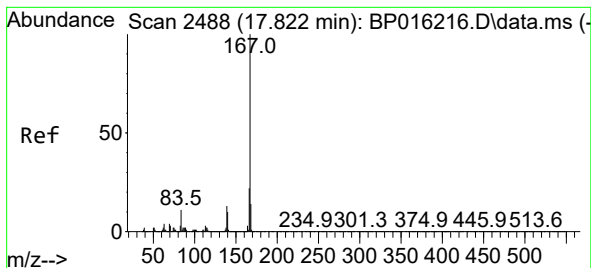
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 18.6 15.0 22.4





#77

Carbazole

Concen: 24.794 ng/ul

RT: 17.804 min Scan# 2485

Delta R.T. -0.017 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

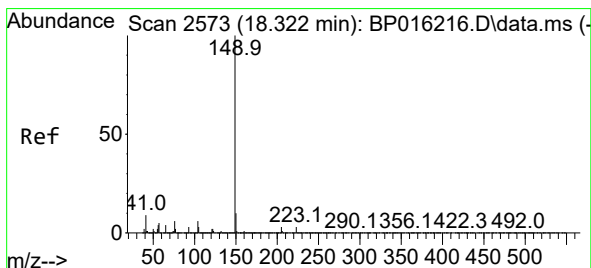
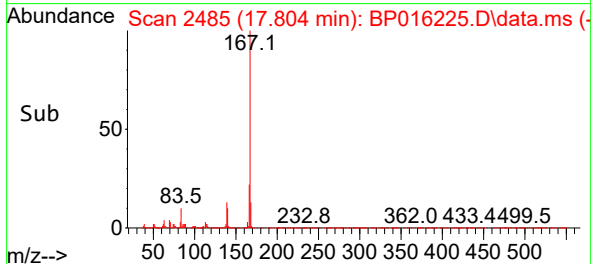
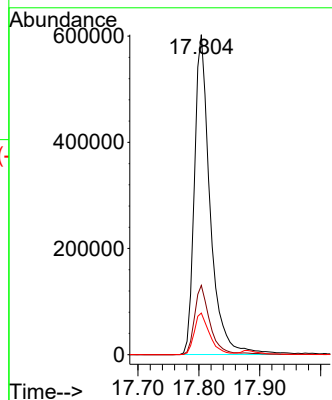
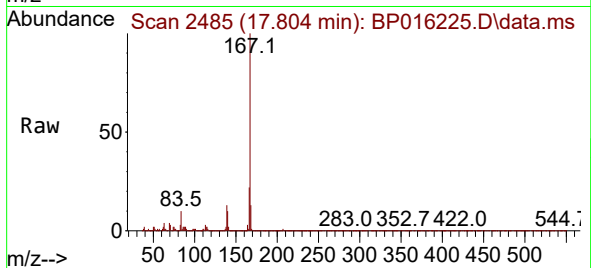
Tgt Ion:167 Resp: 1079575

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 20.288 ng/ul

RT: 18.310 min Scan# 2571

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

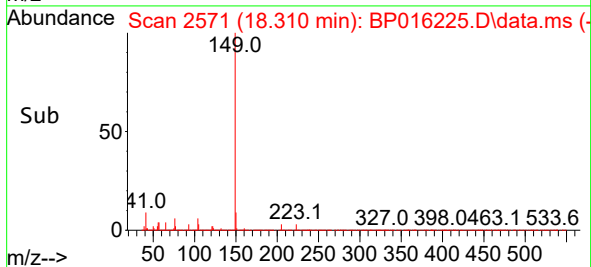
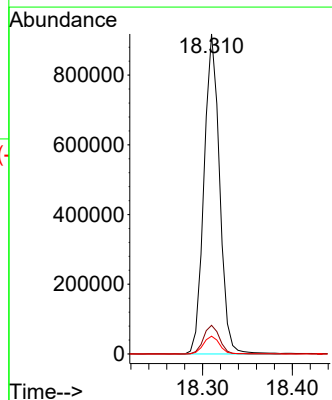
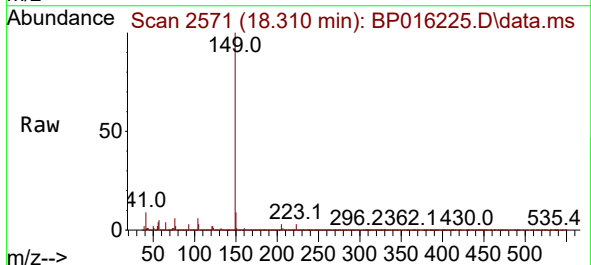
Tgt Ion:149 Resp: 1106609

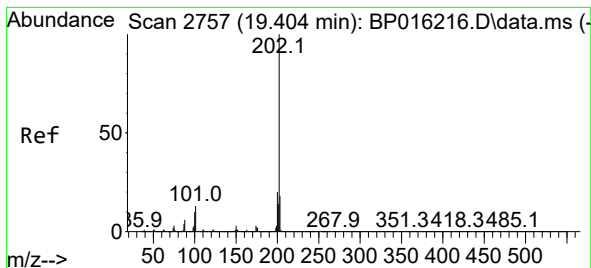
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.5 4.6 7.0





#80

Fluoranthene

Concen: 45.139 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

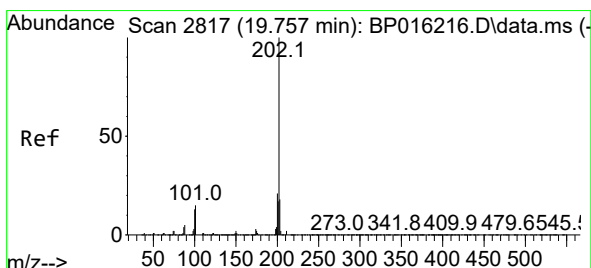
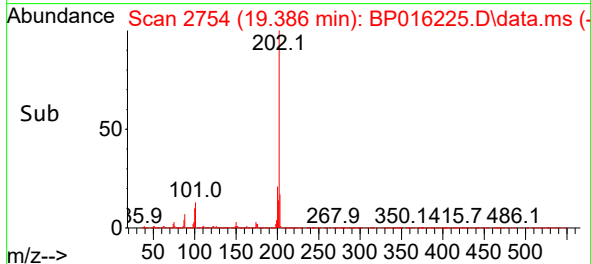
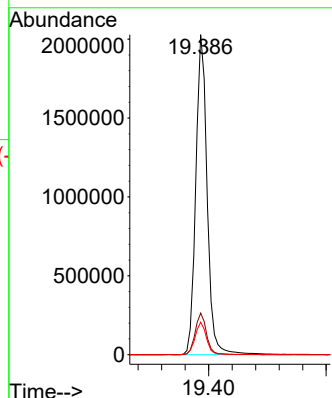
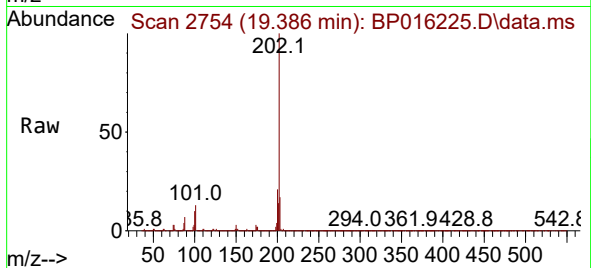
Tgt Ion:202 Resp: 2713558

Ion Ratio Lower Upper

202 100

101 13.0 10.4 15.6

100 10.2 8.2 12.4



#82

Pyrene

Concen: 31.335 ng/ul

RT: 19.745 min Scan# 2815

Delta R.T. -0.011 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

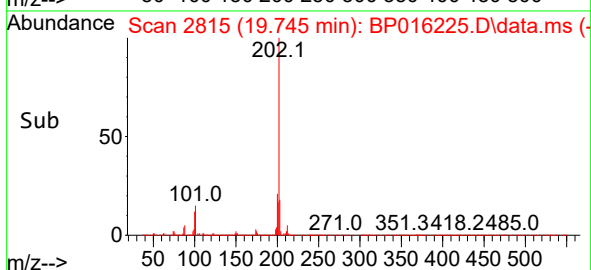
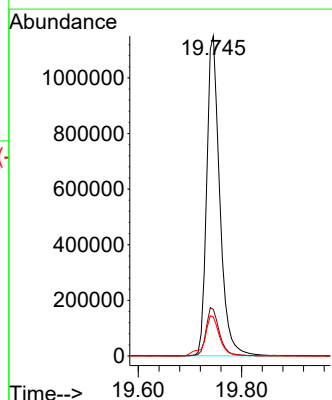
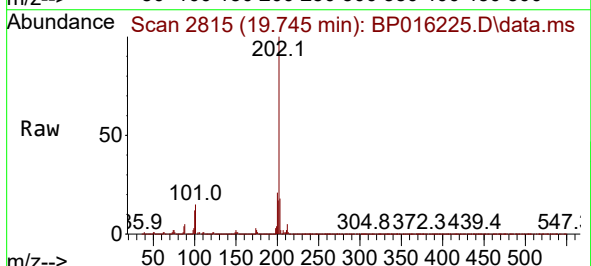
Tgt Ion:202 Resp: 2011208

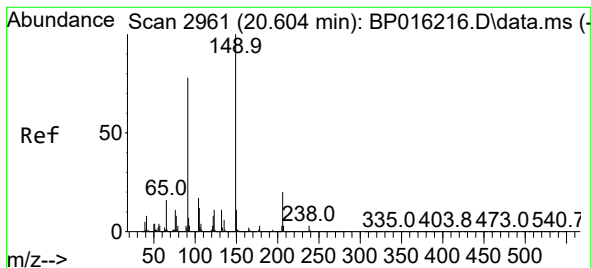
Ion Ratio Lower Upper

202 100

101 14.6 12.4 18.6

100 12.2 10.5 15.7





#83

Butylbenzylphthalate

Concen: 19.768 ng/ul

RT: 20.592 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

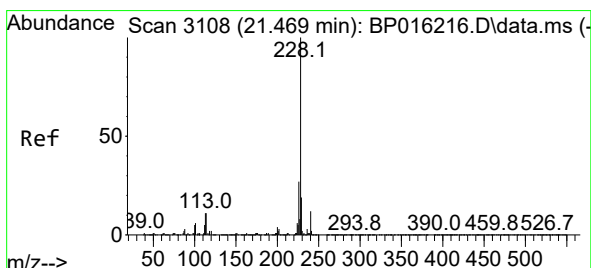
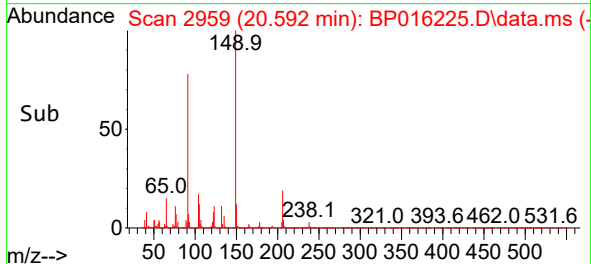
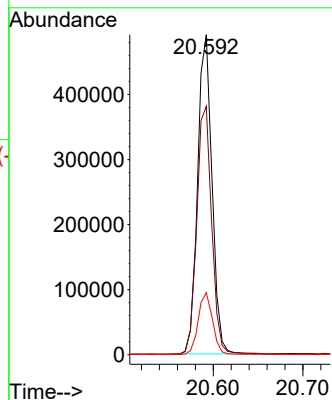
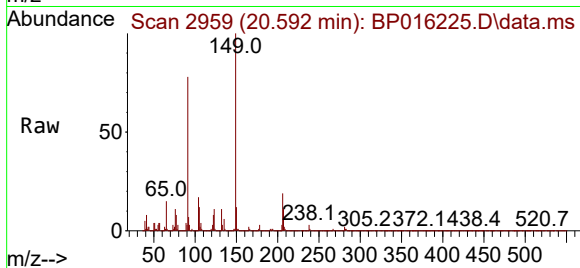
Tgt Ion:149 Resp: 547201

Ion Ratio Lower Upper

149 100

91 77.6 67.1 100.7

206 19.4 15.0 22.4



#85

Benzo(a)anthracene

Concen: 39.028 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

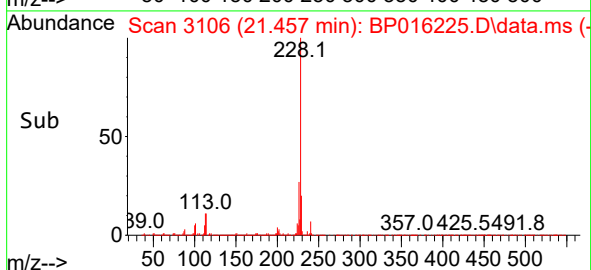
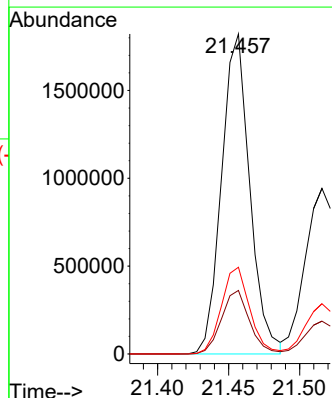
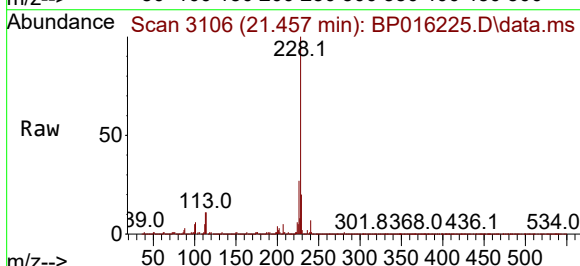
Tgt Ion:228 Resp: 2517923

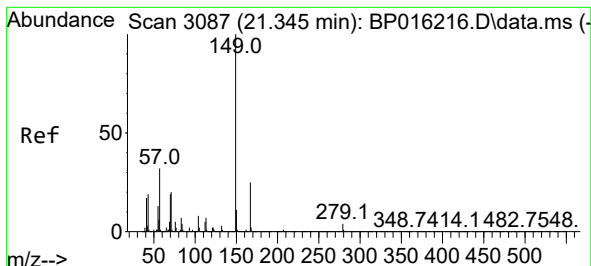
Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 27.1 21.5 32.3

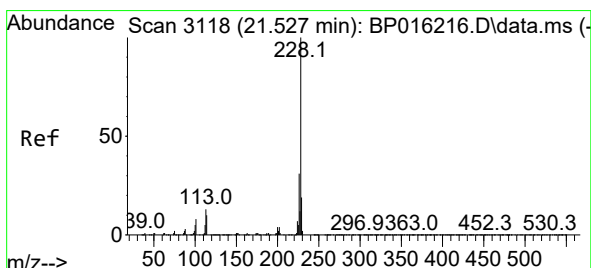
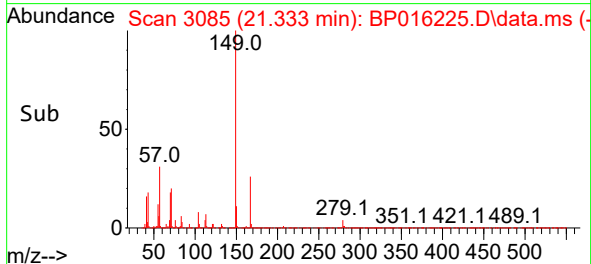
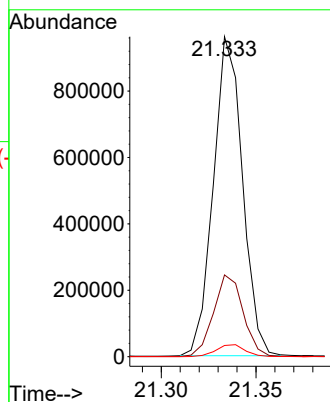
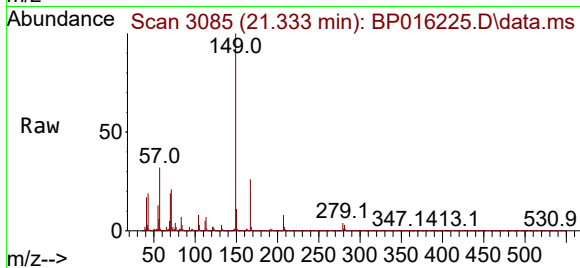




#86
Bis(2-ethylhexyl)phthalate
Concen: 24.907 ng/ul
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

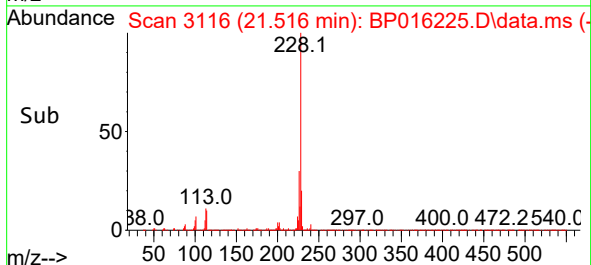
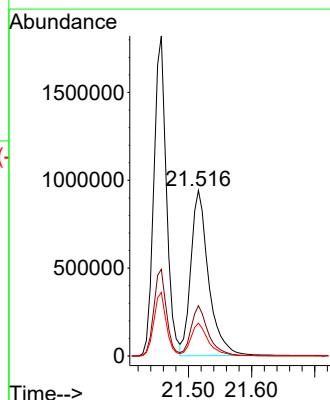
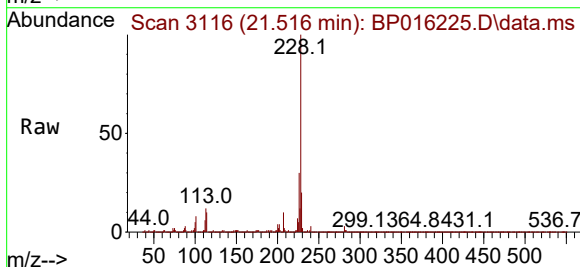
Instrument :
BNA_P
ClientSampleId :
A4668

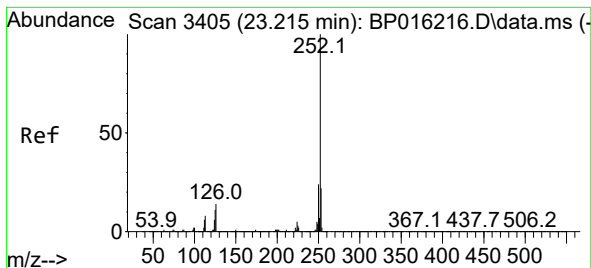
Tgt Ion:149 Resp: 1029934
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.5 3.0 4.6



#87
Chrysene
Concen: 27.992 ng/ul
RT: 21.516 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP016225.D
Acq: 14 Jul 2023 14:31

Tgt Ion:228 Resp: 1829434
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 29.729 ng/ul

RT: 23.198 min Scan# 3402

Delta R.T. -0.006 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

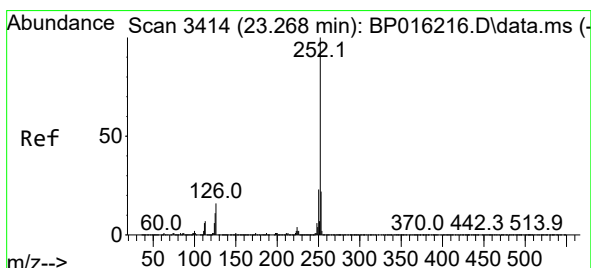
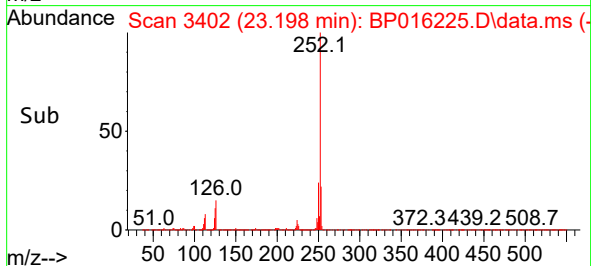
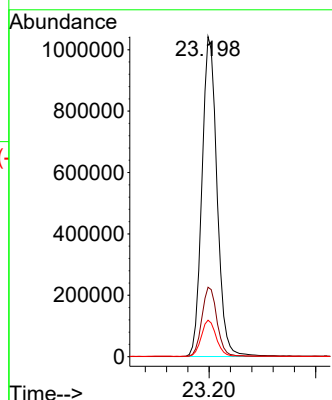
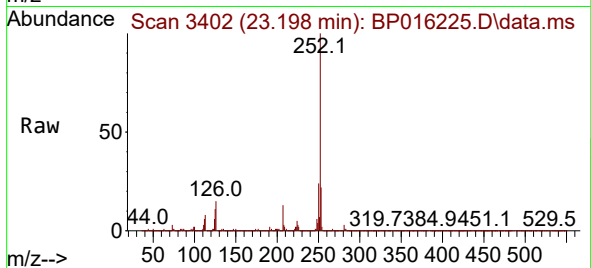
Tgt Ion:252 Resp: 2047731

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.4 9.4 14.0



#91

Benzo(k)fluoranthene

Concen: 29.214 ng/ul

RT: 23.198 min Scan# 3402

Delta R.T. -0.059 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

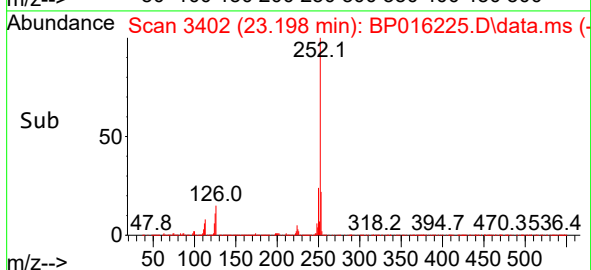
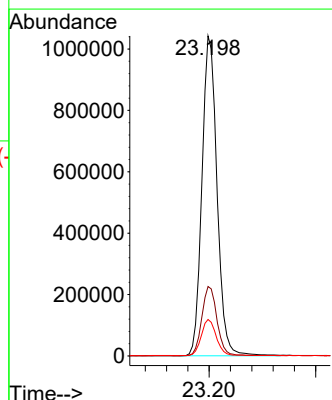
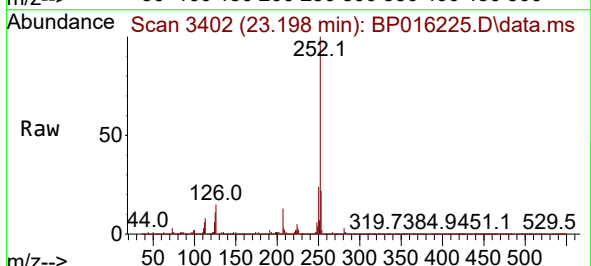
Tgt Ion:252 Resp: 2047731

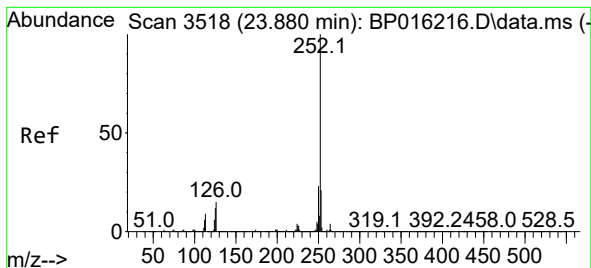
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.4 9.3 13.9





#93

Benzo(a)pyrene

Concen: 26.647 ng/ul

RT: 23.857 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668

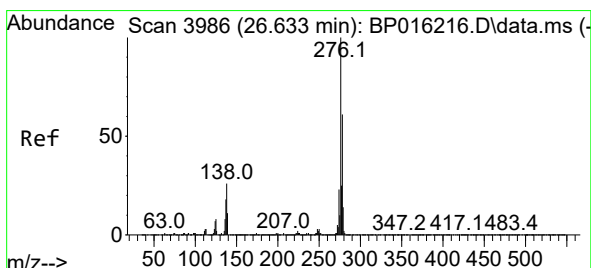
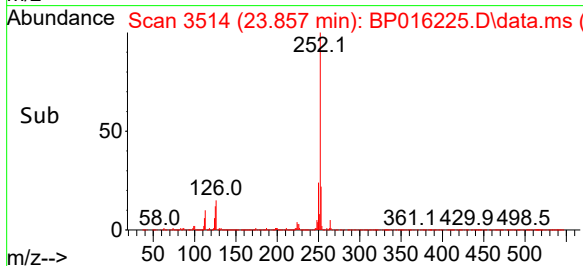
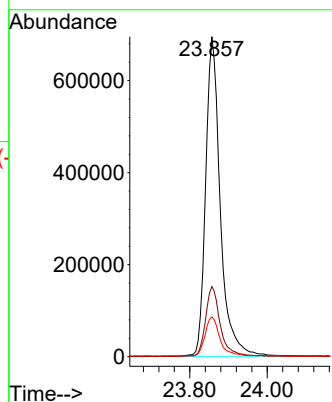
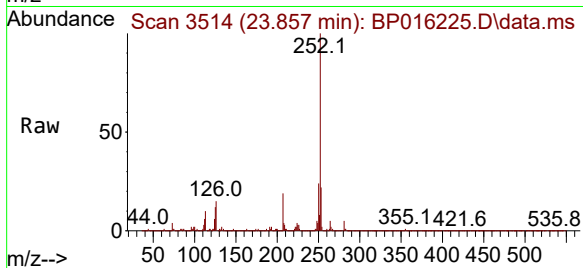
Tgt Ion:252 Resp: 1818212

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.4 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.110 ng/ul

RT: 26.610 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BP016225.D

Acq: 14 Jul 2023 14:31

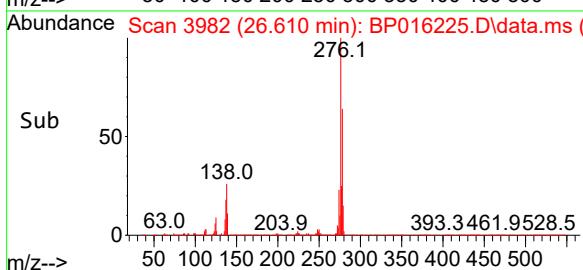
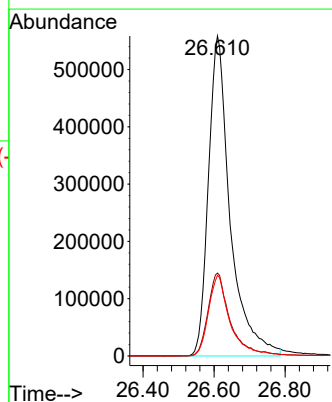
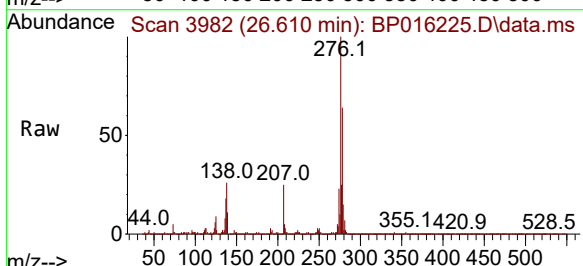
Tgt Ion:276 Resp: 2375084

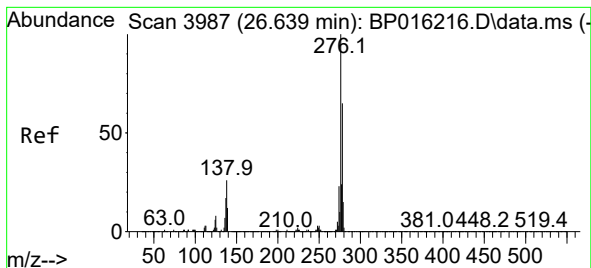
Ion Ratio Lower Upper

276 100

138 25.9 20.8 31.2

277 25.2 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 22.490 ng/ul

RT: 26.615 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BP016225.D

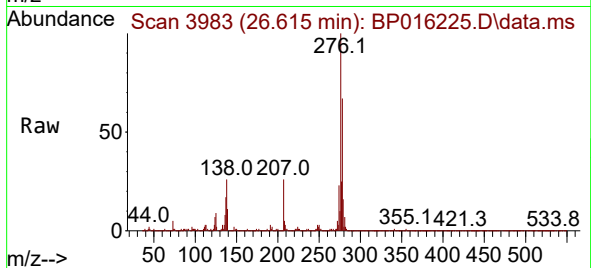
Acq: 14 Jul 2023 14:31

Instrument :

BNA_P

ClientSampleId :

A4668



Tgt Ion:278 Resp: 1550024

Ion Ratio Lower Upper

278 100

139 17.0 13.9 20.9

279 23.9 18.2 27.4

