

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009065.D
 Acq On : 08 Feb 2022 18:51
 Operator : CG/JU
 Sample : N1399-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KTS1-GW-MH-02-8-13

Quant Time: Feb 09 00:27:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

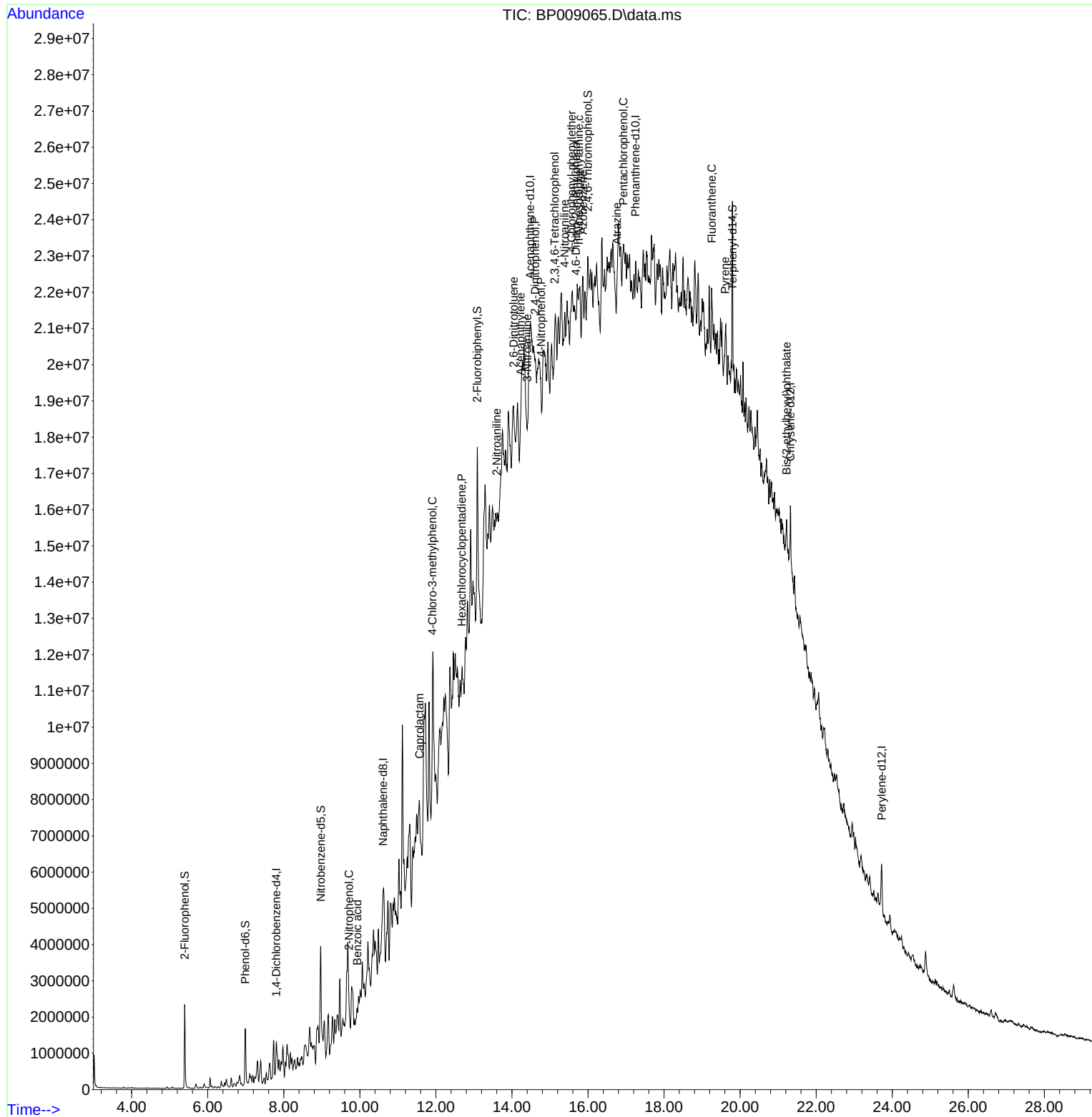
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	279656	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	877890	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	483189	20.000	ng	0.04
64) Phenanthrene-d10	17.251	188	827709	20.000	ng	# 0.05
76) Chrysene-d12	21.322	240	968420	20.000	ng	# 0.02
86) Perylene-d12	23.721	264	1144977	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1180656	75.309	ng	0.00
7) Phenol-d6	6.987	99	1048530	50.757	ng	0.00
23) Nitrobenzene-d5	8.969	82	1789603	114.960	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1218592	188.887	ng	0.05
45) 2-Fluorobiphenyl	13.087	172	3913194	113.373	ng	0.02
79) Terphenyl-d14	19.798	244	3789761	70.375	ng	0.03
Target Compounds						
26) 2-Nitrophenol	9.710	139	18237	2.396	ng	# 1
32) Benzoic acid	9.934	122	11923	4.152	ng	# 1
35) Caprolactam	11.569	113	31174	7.476	ng	# 1
36) 4-Chloro-3-methylphenol	11.910	107	69606	5.131	ng	# 17
41) Hexachlorocyclopentadiene	12.681	237	17	8.658	ng	83
48) 2-Nitroaniline	13.599	65	29859	4.568	ng	# 72
49) Acenaphthylene	14.222	152	89350	2.101	ng	# 1
51) 2,6-Dinitrotoluene	14.046	165	104756	14.583	ng	# 47
53) 3-Nitroaniline	14.404	138	84999	11.569	ng	# 32
54) 2,4-Dinitrophenol	14.610	184	4385	3.605	ng	# 1
56) 4-Nitrophenol	14.769	139	36475	9.209	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	15.122	232	29641	3.097	ng	# 1
61) 4-Chlorophenyl-phenyle...	15.569	204	65589	3.604	ng	# 1
62) 4-Nitroaniline	15.387	138	109776	14.860	ng	95
63) Azobenzene	15.869	77	60584	2.150	ng	# 22
65) 4,6-Dinitro-2-methylph...	15.681	198	29577	5.823	ng	# 1
66) n-Nitrosodiphenylamine	15.763	169	1620207	64.544	ng	# 45
69) Atrazine	16.757	200	32211	3.870	ng	# 1
70) Pentachlorophenol	16.928	266	12144	2.147	ng	# 31
75) Fluoranthene	19.251	202	126434	2.517	ng	# 1
78) Pyrene	19.604	202	531789	7.719	ng	# 69
84) Bis(2-ethylhexyl)phtha...	21.222	149	306845	9.793	ng	# 80

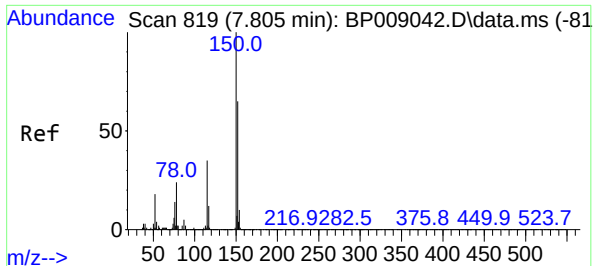
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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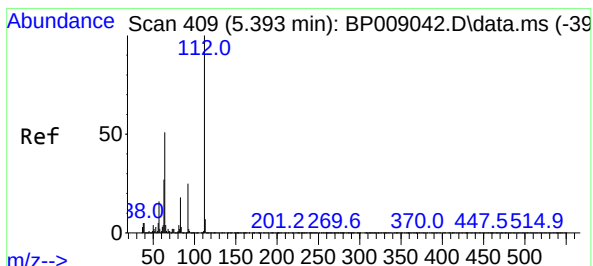
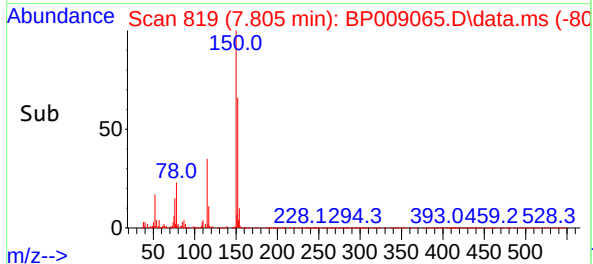
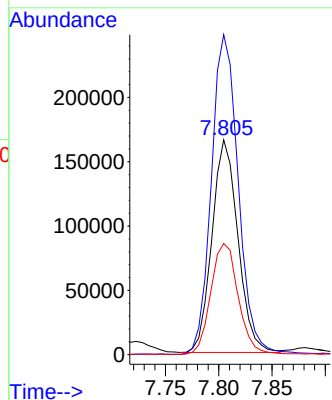
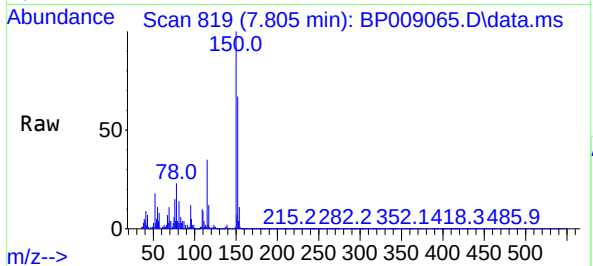




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

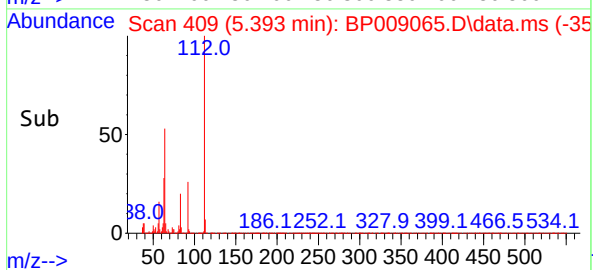
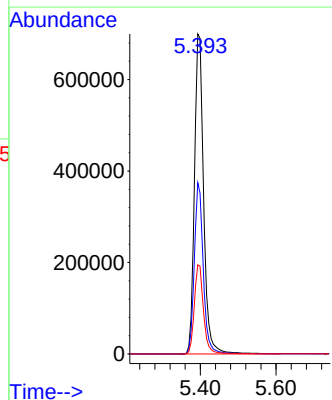
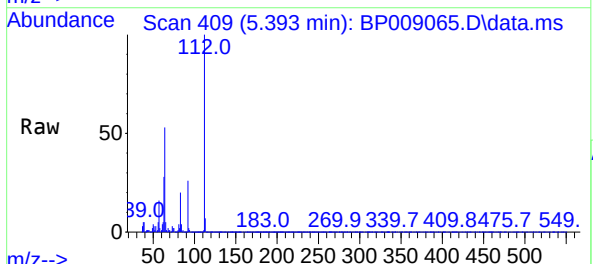
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

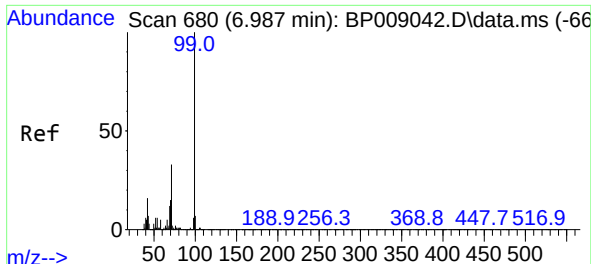
Tgt Ion:152 Resp: 279656
Ion Ratio Lower Upper
152 100
150 148.9 127.0 190.6
115 51.8 43.7 65.5



#5
2-Fluorophenol
Concen: 75.309 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:112 Resp: 1180656
Ion Ratio Lower Upper
112 100
64 53.5 39.7 59.5
63 27.9 20.0 30.0

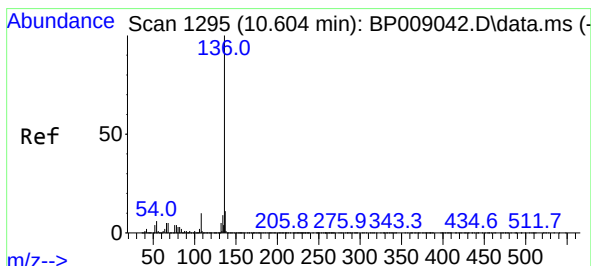
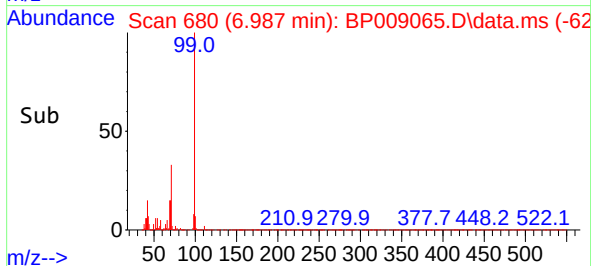
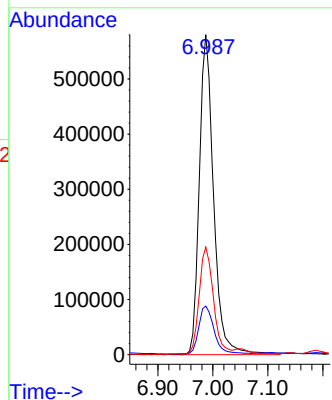
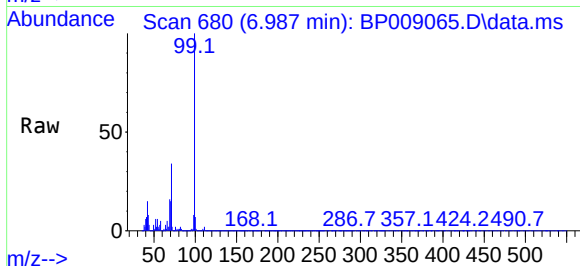




#7
Phenol-d6
Concen: 50.757 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

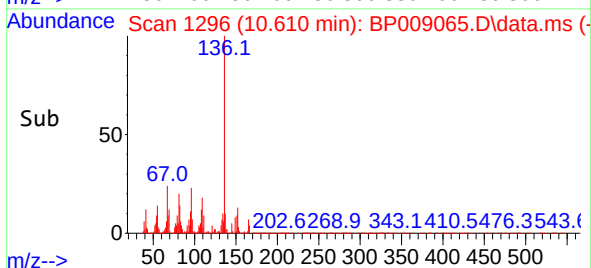
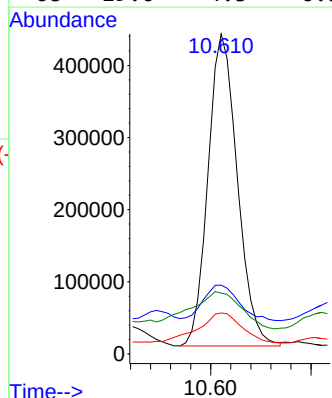
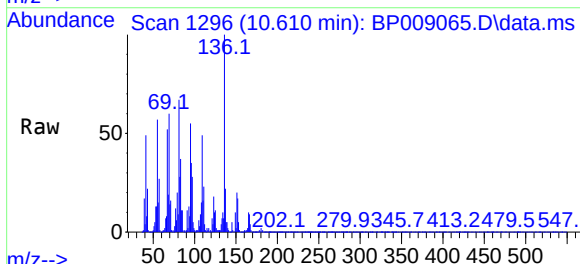
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ClientSampleId :
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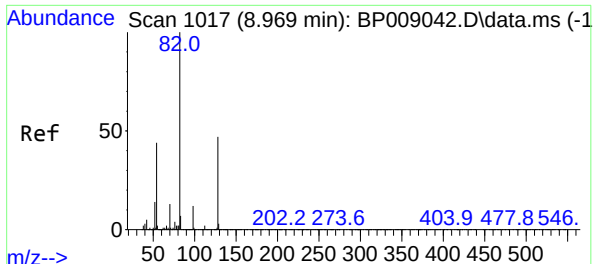
Tgt Ion: 99 Resp: 1048530
Ion Ratio Lower Upper
99 100
42 15.2 10.8 16.2
71 33.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion: 136 Resp: 877890
Ion Ratio Lower Upper
136 100
137 21.5 9.0 13.4#
54 12.8 4.9 7.3#
68 19.0 4.3 6.5#

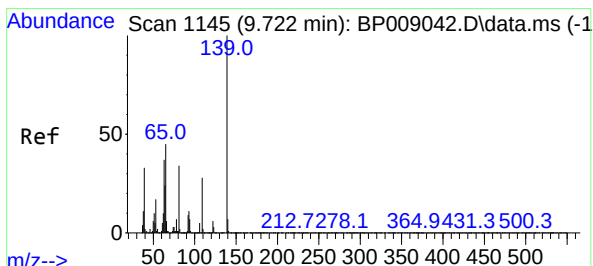
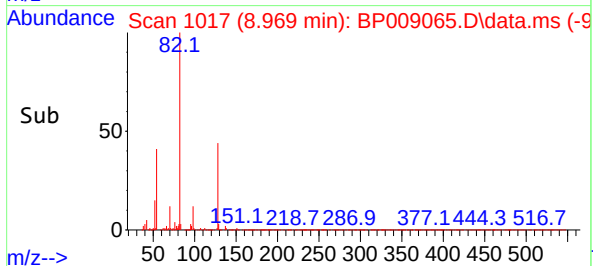
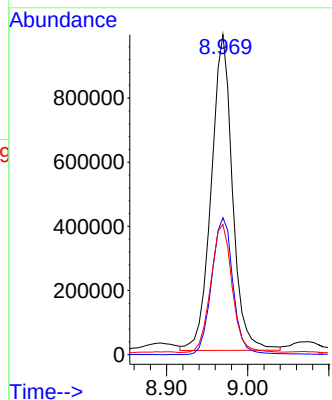
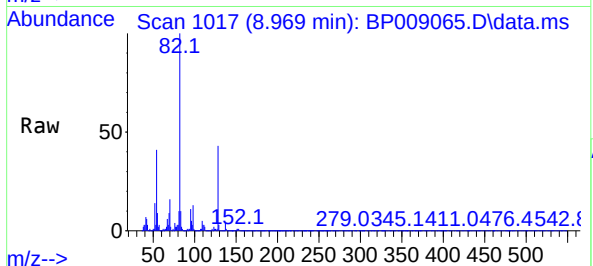




#23
Nitrobenzene-d5
Concen: 114.960 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

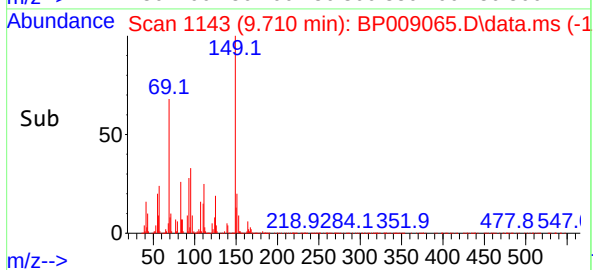
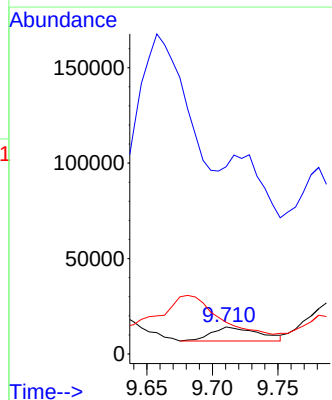
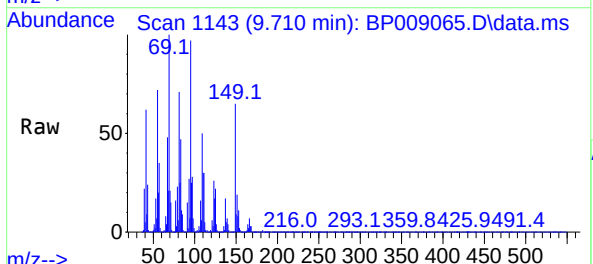
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

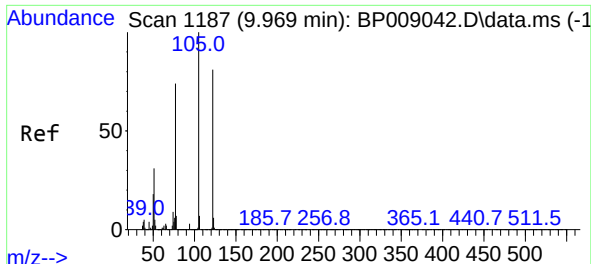
Tgt Ion: 82 Resp: 1789603
Ion Ratio Lower Upper
82 100
128 42.8 39.4 59.2
54 40.7 32.6 48.8



#26
2-Nitrophenol
Concen: 2.396 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion: 139 Resp: 18237
Ion Ratio Lower Upper
139 100
109 692.6 20.7 31.1#
65 117.1 31.6 47.4#

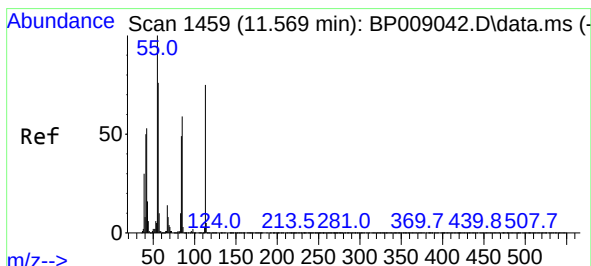
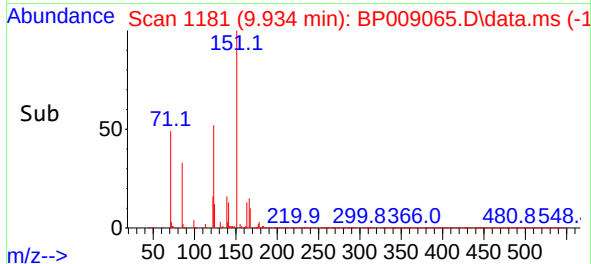
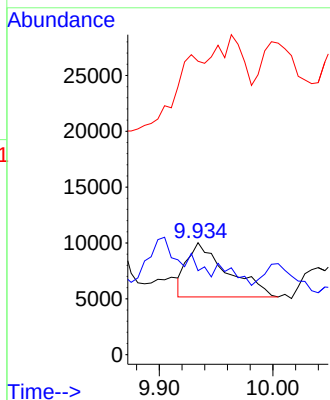
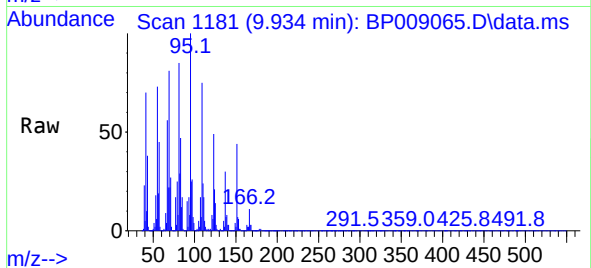




#32
Benzoic acid
Concen: 4.152 ng
RT: 9.934 min Scan# 1187
Delta R.T. -0.035 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

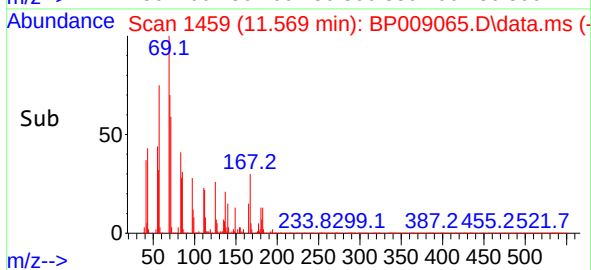
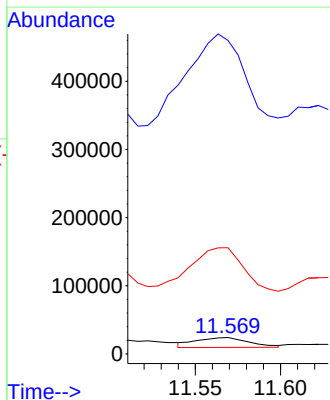
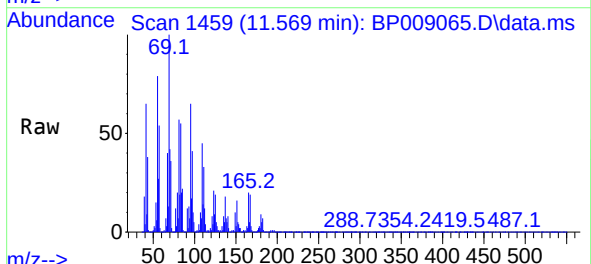
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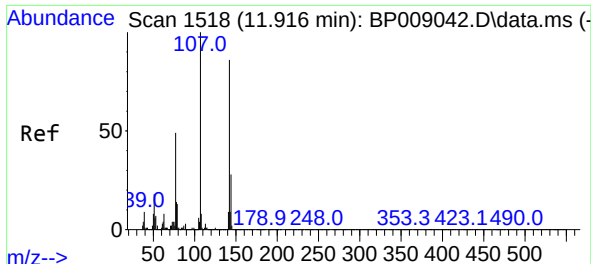
Tgt Ion:122 Resp: 11923
Ion Ratio Lower Upper
122 100
105 75.0 100.1 140.1#
77 262.0 65.5 105.5#



#35
Caprolactam
Concen: 7.476 ng
RT: 11.569 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:113 Resp: 31174
Ion Ratio Lower Upper
113 100
55 1903.2 107.1 147.1#
56 644.8 74.1 114.1#

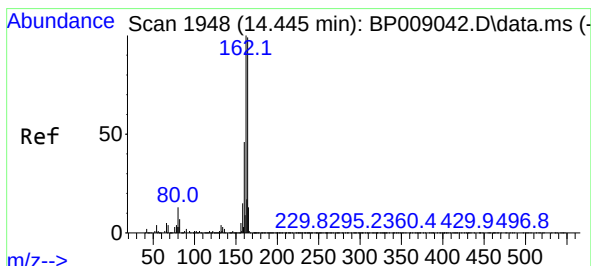
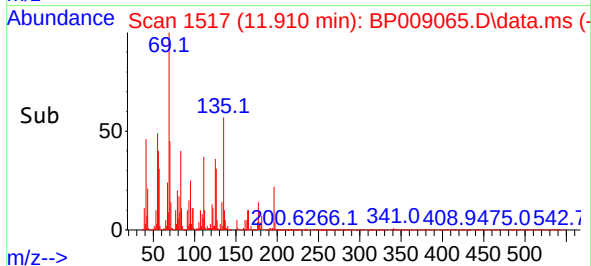
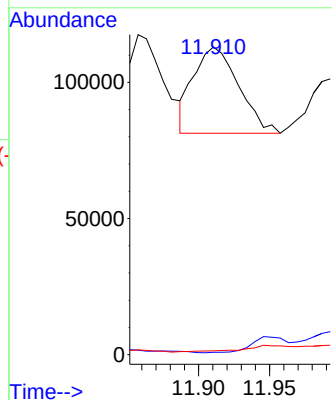
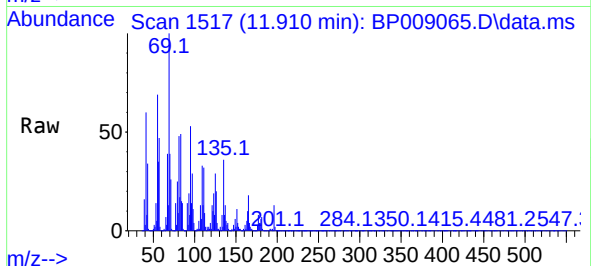




#36
4-Chloro-3-methylphenol
Concen: 5.131 ng
RT: 11.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

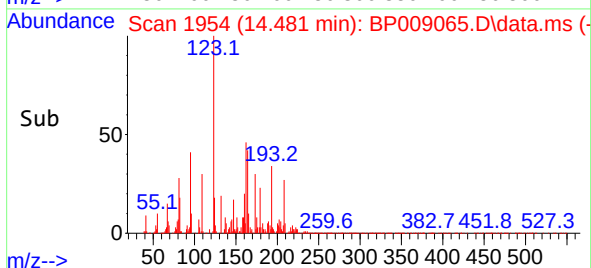
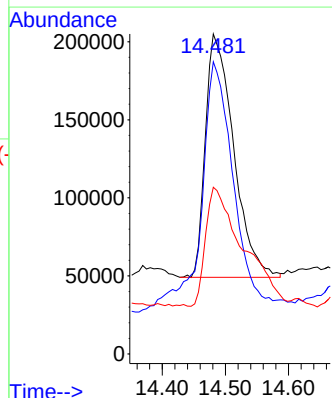
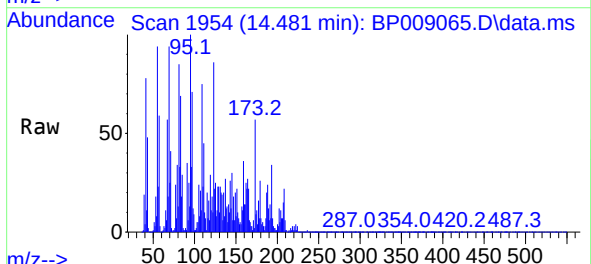
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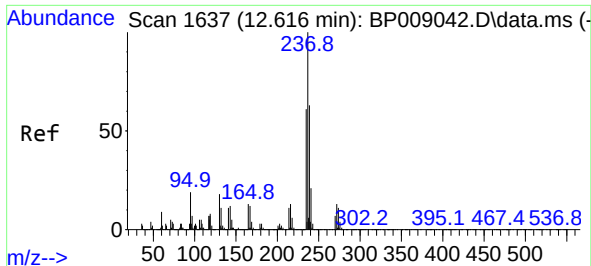
Tgt Ion:107 Resp: 69606
Ion Ratio Lower Upper
107 100
144 0.8 23.2 34.8#
142 1.3 70.1 105.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. 0.036 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:164 Resp: 483189
Ion Ratio Lower Upper
164 100
162 91.3 79.9 119.9
160 52.1 35.5 53.3



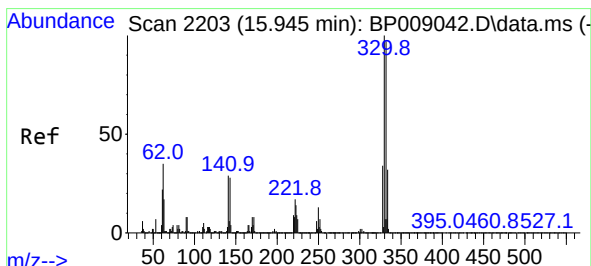
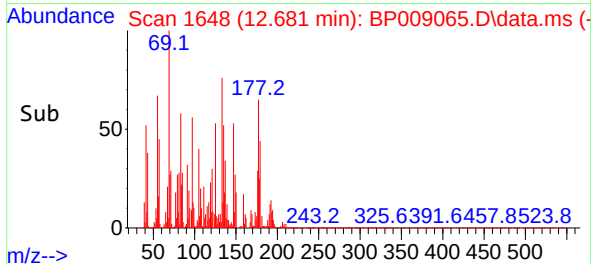
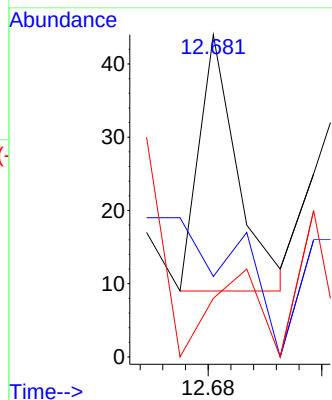
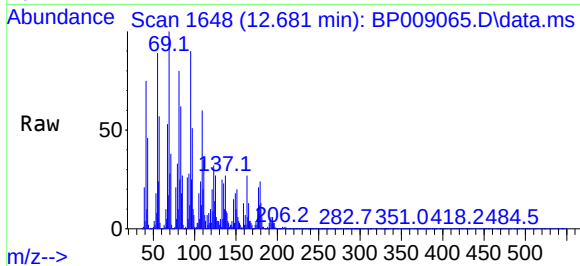


#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.681 min Scan# 1
Delta R.T. 0.065 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Instrument :
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ClientSampleId :
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Tgt Ion: 237 Resp: 17

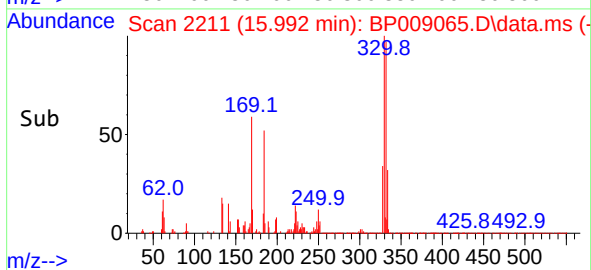
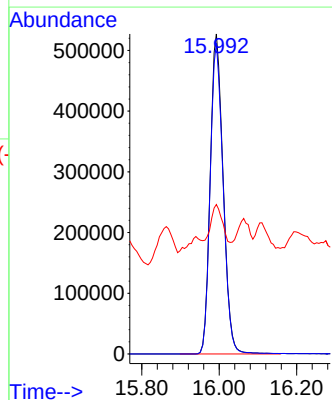
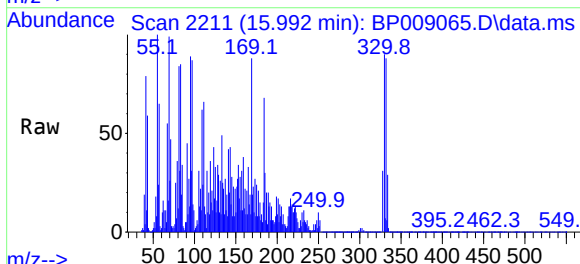
Ion	Ratio	Lower	Upper
237	100		
235	77.3	42.9	82.9
272	18.2	0.0	33.8

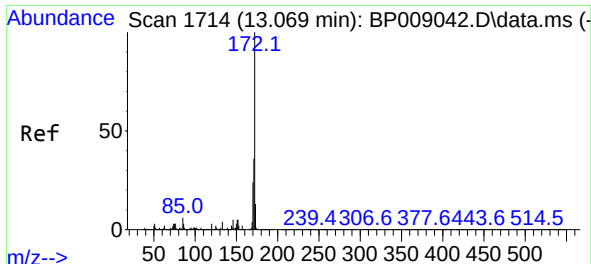


#42
2,4,6-Tribromophenol
Concen: 188.887 ng
RT: 15.992 min Scan# 2211
Delta R.T. 0.047 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion: 330 Resp: 1218592

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	10.9	21.3	31.9

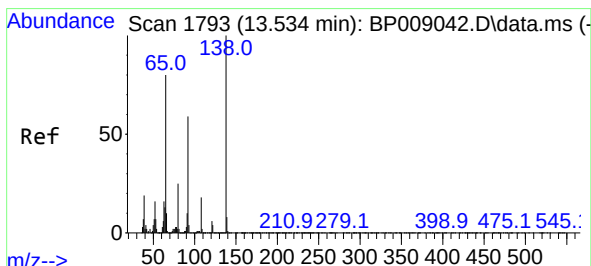
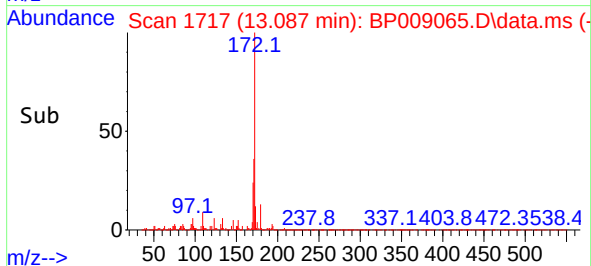
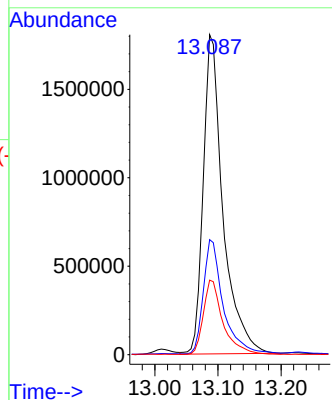
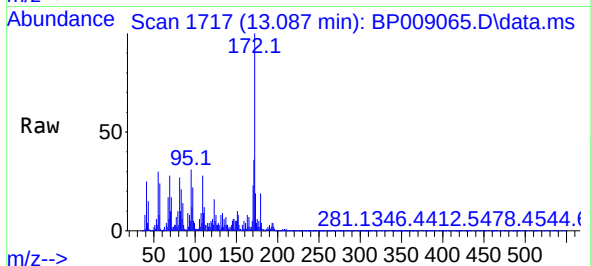




#45
2-Fluorobiphenyl
Concen: 113.373 ng
RT: 13.087 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

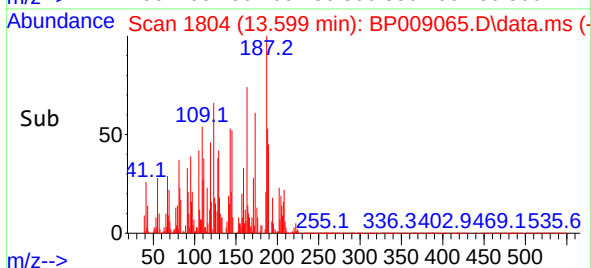
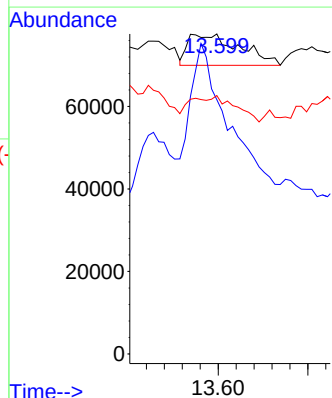
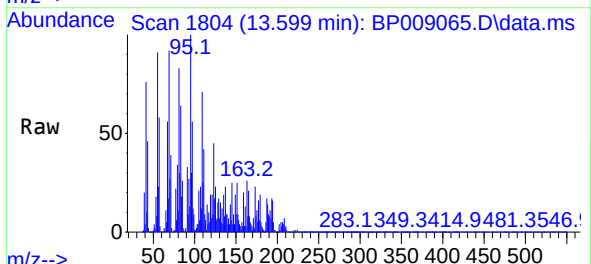
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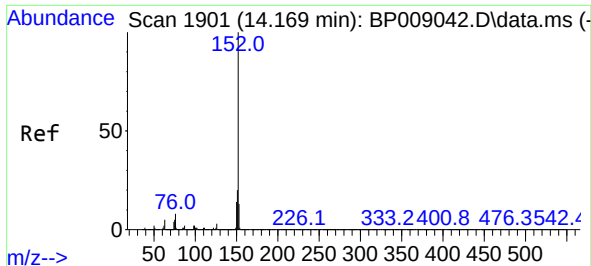
Tgt Ion:172 Resp: 3913194
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.3 19.5 29.3



#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.599 min Scan# 1804
Delta R.T. 0.065 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion: 65 Resp: 29859
Ion Ratio Lower Upper
65 100
92 79.5 62.2 93.4
138 80.7 105.8 158.8#

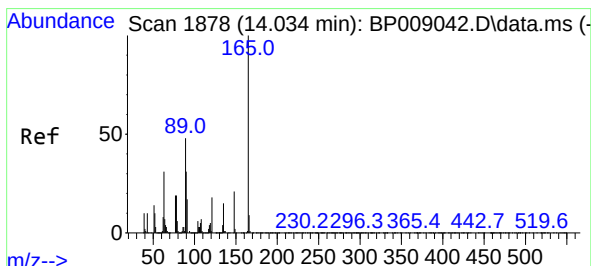
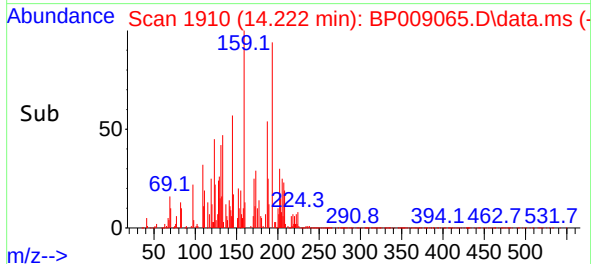
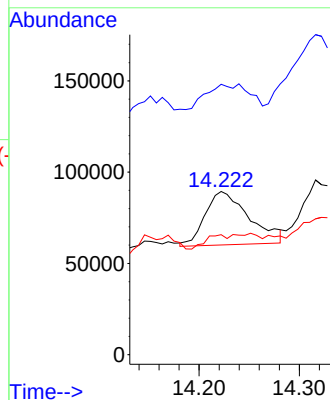
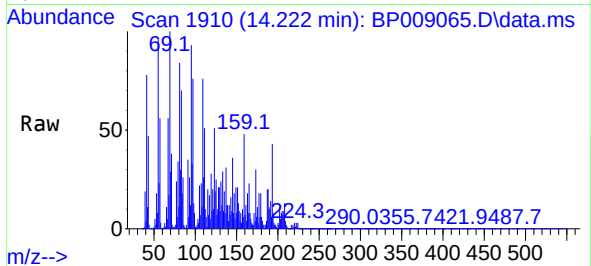




#49
Acenaphthylene
Concen: 2.101 ng
RT: 14.222 min Scan# 1901
Delta R.T. 0.053 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

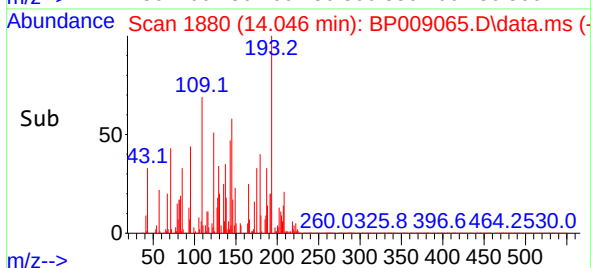
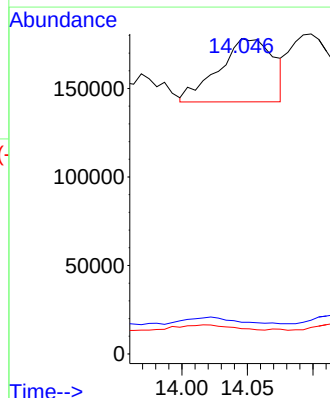
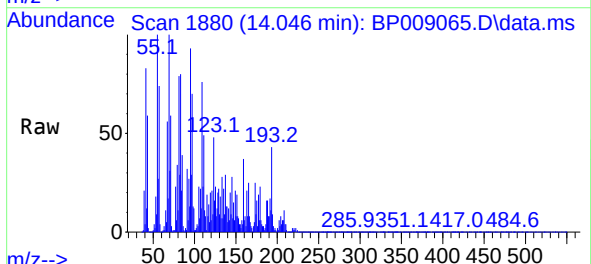
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

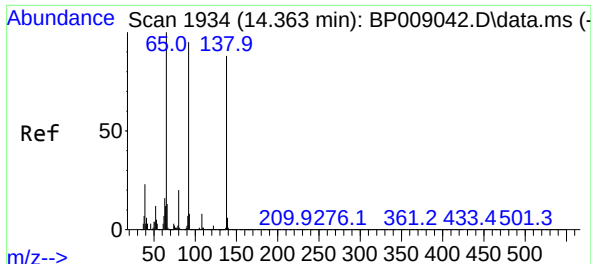
Tgt Ion:152 Resp: 89350
Ion Ratio Lower Upper
152 100
151 165.7 16.1 24.1#
153 73.5 10.6 16.0#



#51
2,6-Dinitrotoluene
Concen: 14.583 ng
RT: 14.046 min Scan# 1880
Delta R.T. 0.012 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:165 Resp: 104756
Ion Ratio Lower Upper
165 100
63 10.0 31.8 47.8#
89 8.0 36.1 54.1#

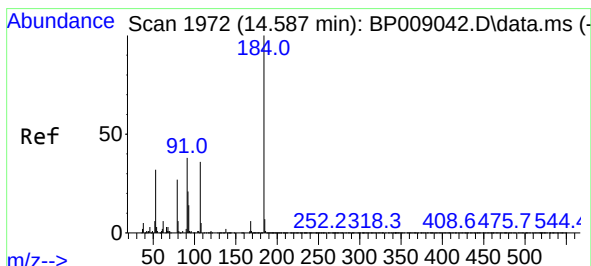
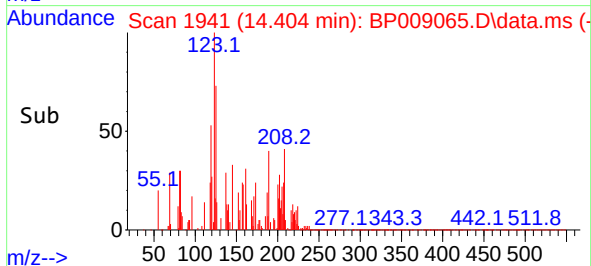
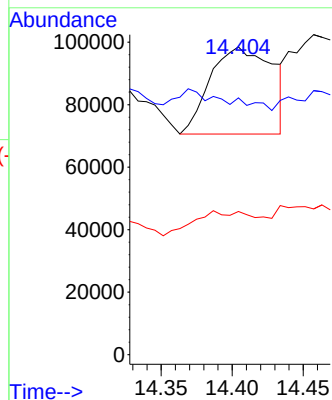
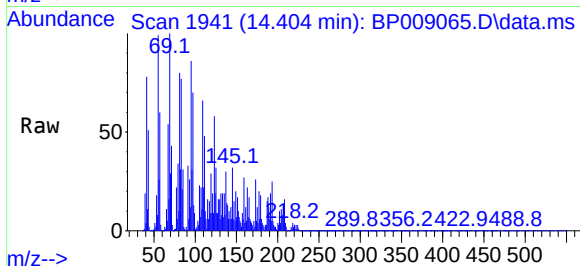




#53
3-Nitroaniline
Concen: 11.569 ng
RT: 14.404 min Scan# 1941
Delta R.T. 0.041 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

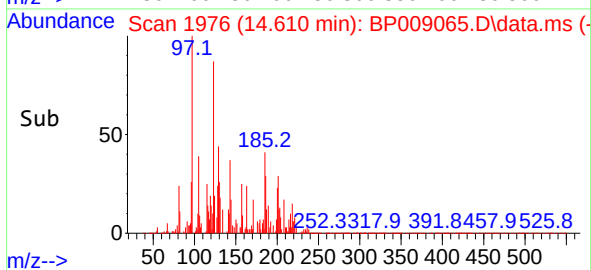
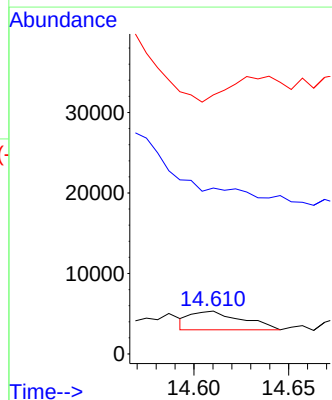
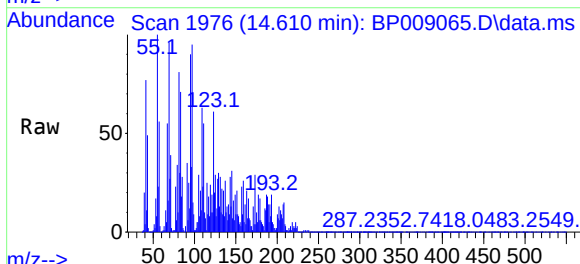
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

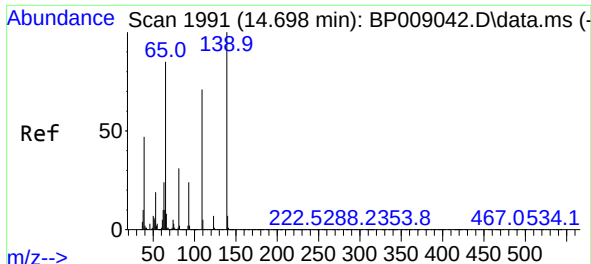
Tgt Ion:138 Resp: 84999
Ion Ratio Lower Upper
138 100
108 83.4 8.0 12.0#
92 46.5 81.7 122.5#



#54
2,4-Dinitrophenol
Concen: 3.605 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.023 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:184 Resp: 4385
Ion Ratio Lower Upper
184 100
63 386.9 35.6 53.4#
154 604.3 43.4 65.0#

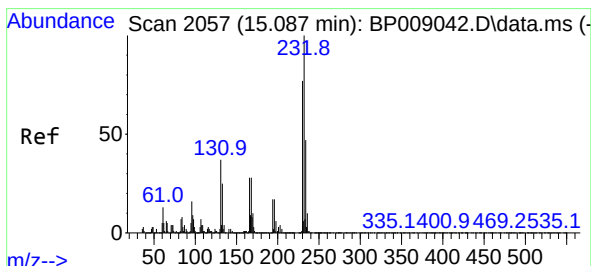
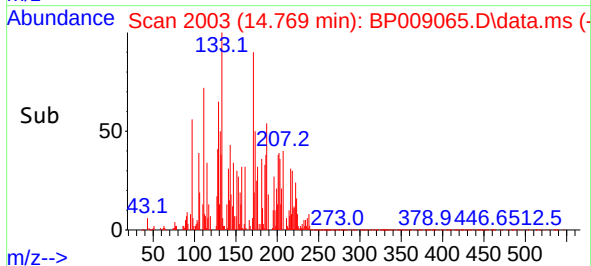
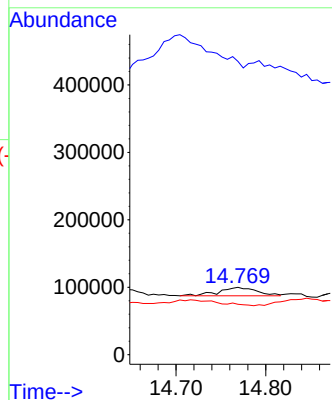
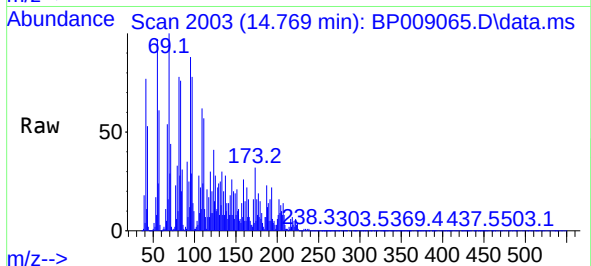




#56
4-Nitrophenol
Concen: 9.209 ng
RT: 14.769 min Scan# 2063
Delta R.T. 0.071 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

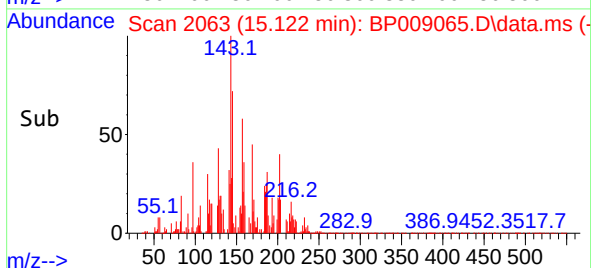
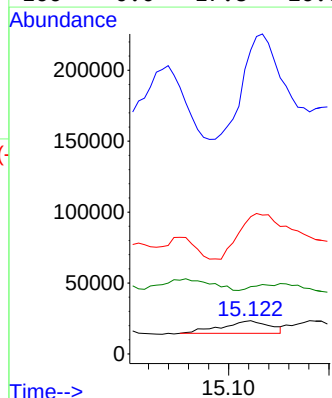
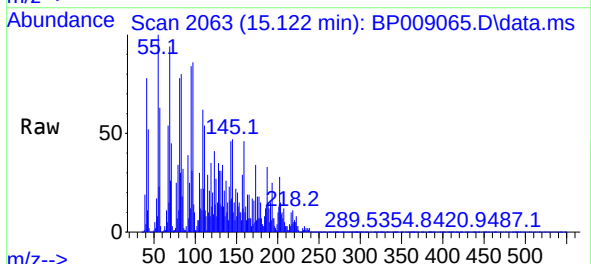
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

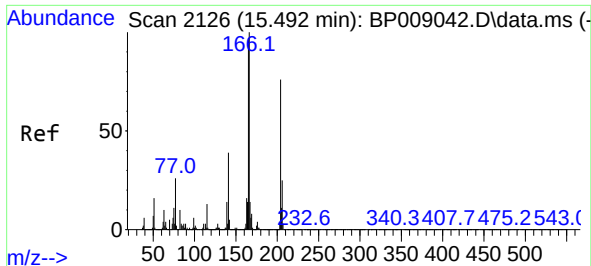
Tgt Ion:139 Resp: 36475
Ion Ratio Lower Upper
139 100
109 435.3 42.2 82.2#
65 74.9 57.3 97.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.097 ng
RT: 15.122 min Scan# 2063
Delta R.T. 0.035 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:232 Resp: 29641
Ion Ratio Lower Upper
232 100
131 724.4 25.2 37.8#
130 668.0 1.4 2.2#
166 0.0 17.8 26.6#

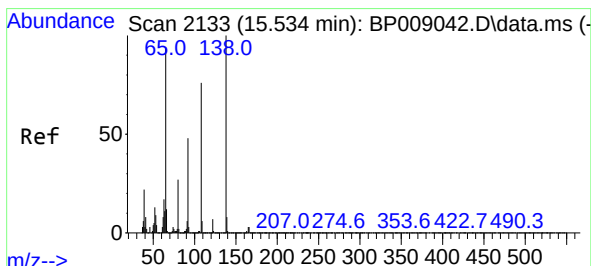
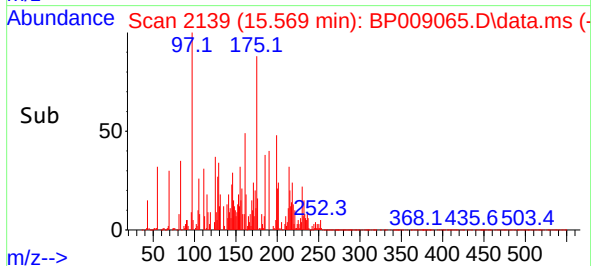
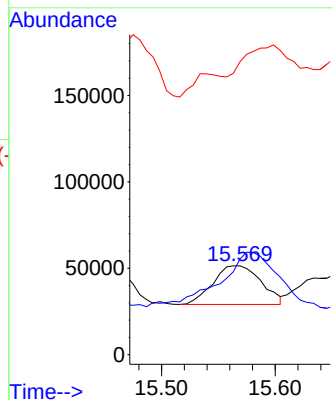
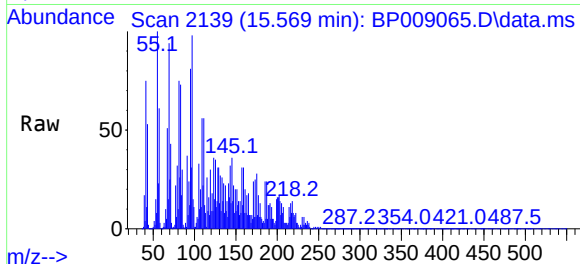




#61
4-Chlorophenyl-phenylether
Concen: 3.604 ng
RT: 15.569 min Scan# 2108
Delta R.T. 0.077 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

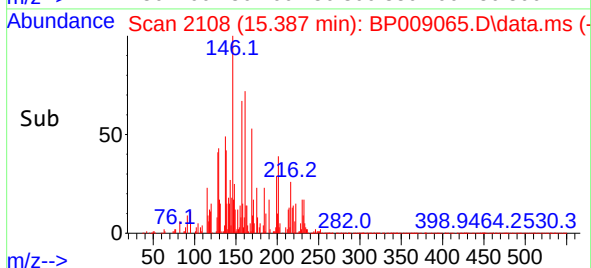
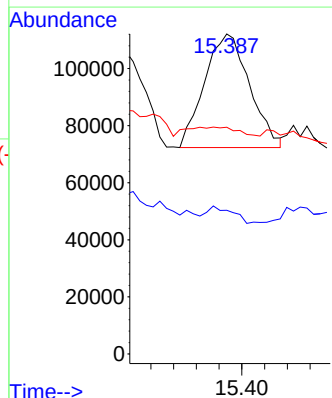
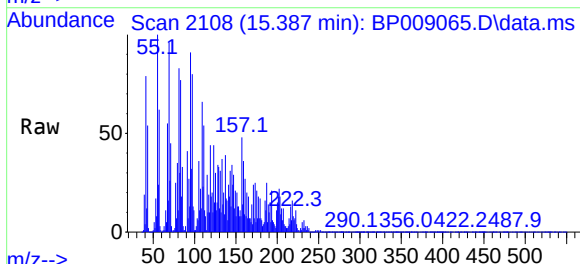
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

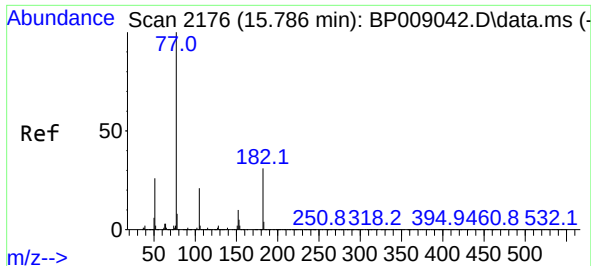
Tgt Ion:204 Resp: 65589
Ion Ratio Lower Upper
204 100
206 108.0 26.3 39.5#
141 329.8 39.1 58.7#



#62
4-Nitroaniline
Concen: 14.860 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.147 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:138 Resp: 109776
Ion Ratio Lower Upper
138 100
92 44.9 24.3 64.3
108 70.8 44.8 84.8

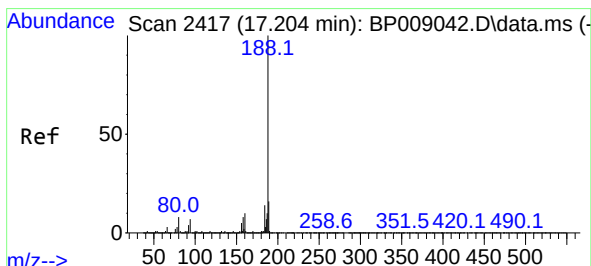
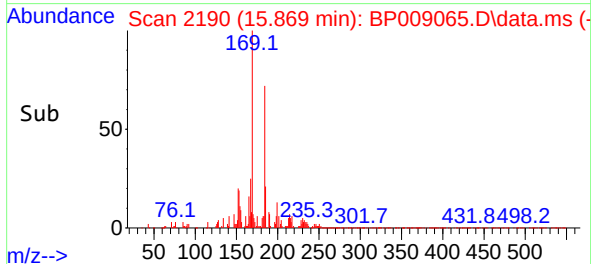
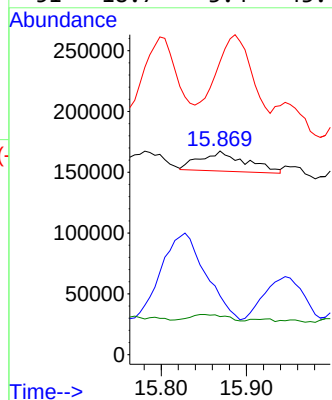
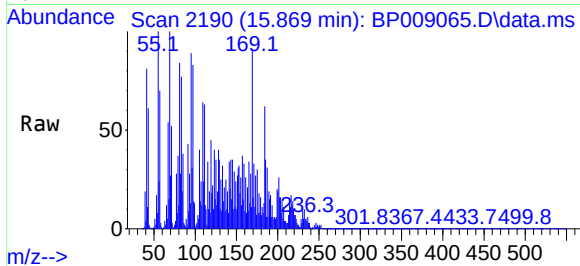




#63
Azobenzene
Concen: 2.150 ng
RT: 15.869 min Scan# 2176
Delta R.T. 0.082 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

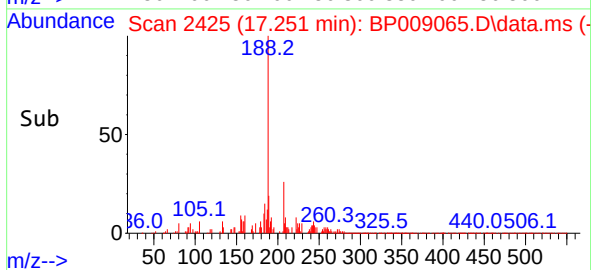
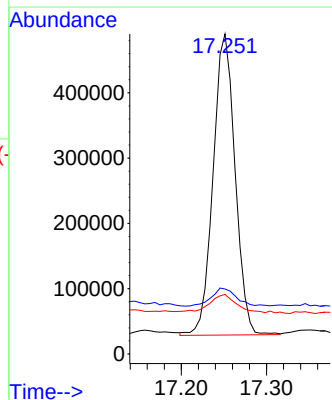
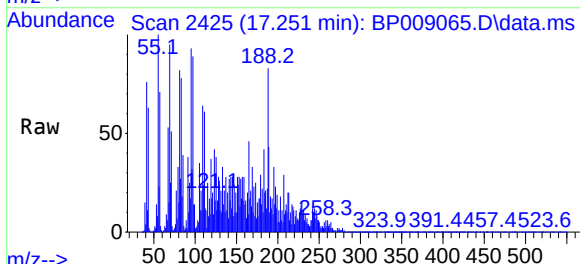
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

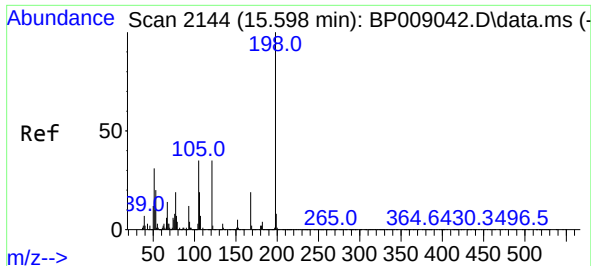
Tgt Ion: 77 Resp: 60584
Ion Ratio Lower Upper
77 100
182 28.9 15.3 55.3
105 143.9 3.2 43.2#
51 18.7 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.047 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion: 188 Resp: 827709
Ion Ratio Lower Upper
188 100
94 20.3 6.8 10.2#
80 18.6 7.2 10.8#

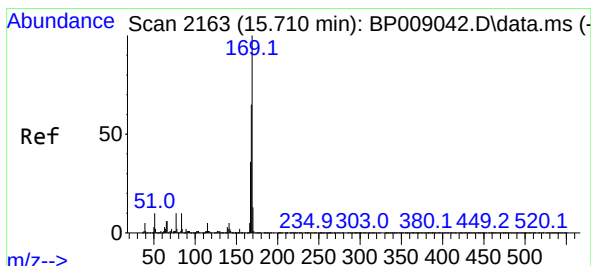
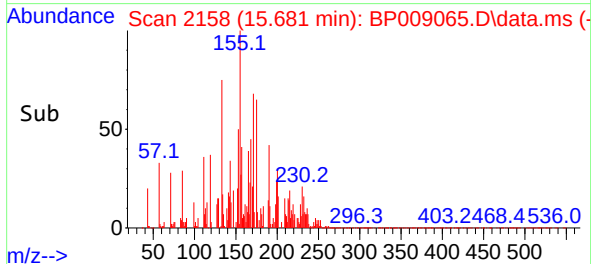
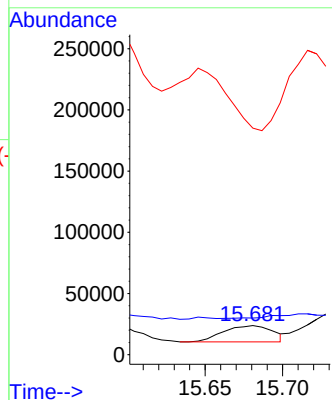
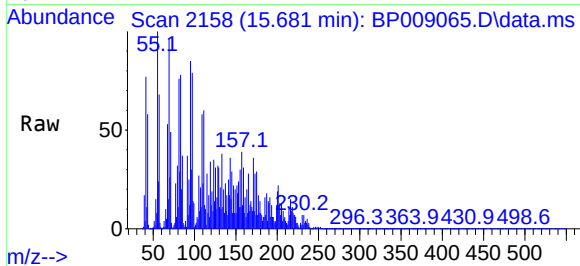




#65
4,6-Dinitro-2-methylphenol
Concen: 5.823 ng
RT: 15.681 min Scan# 2144
Delta R.T. 0.082 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

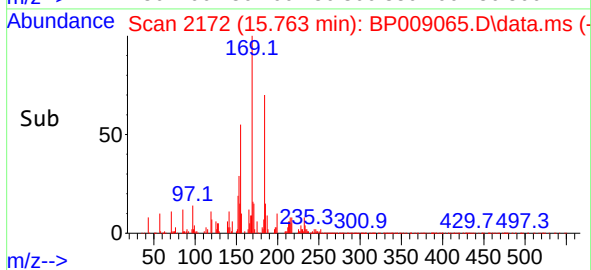
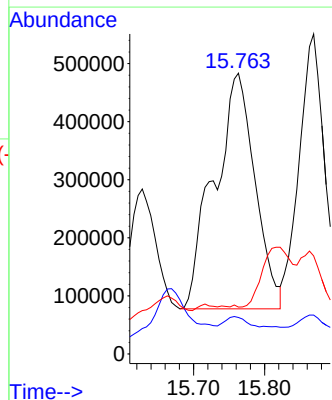
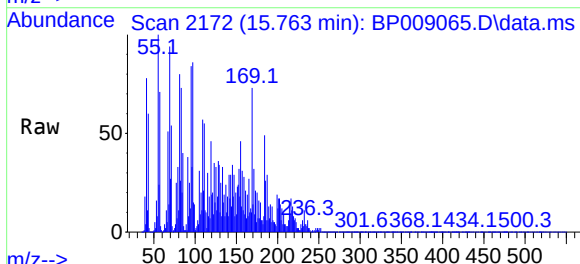
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

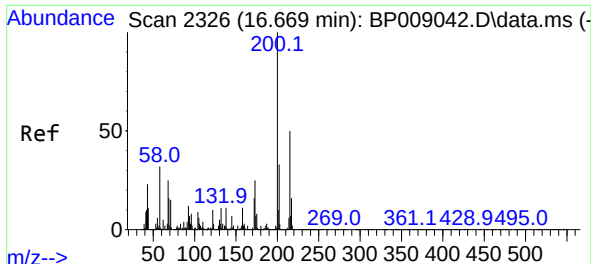
Tgt Ion:198 Resp: 29577
Ion Ratio Lower Upper
198 100
51 126.0 6.8 46.8#
105 777.9 14.4 54.4#



#66
n-Nitrosodiphenylamine
Concen: 64.544 ng
RT: 15.763 min Scan# 2172
Delta R.T. 0.053 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:169 Resp: 1620207
Ion Ratio Lower Upper
169 100
168 13.0 53.3 79.9#
167 16.7 29.0 43.6#

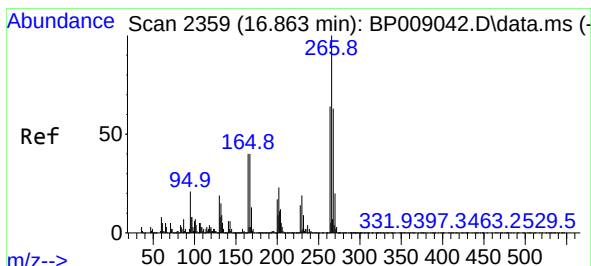
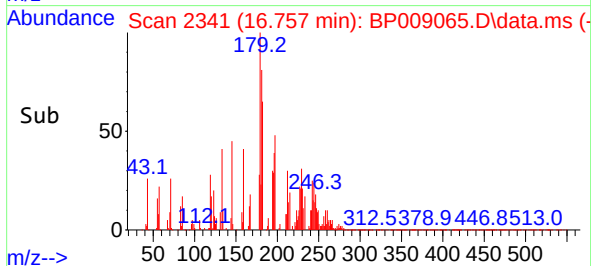
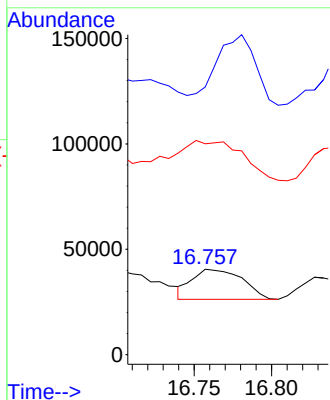
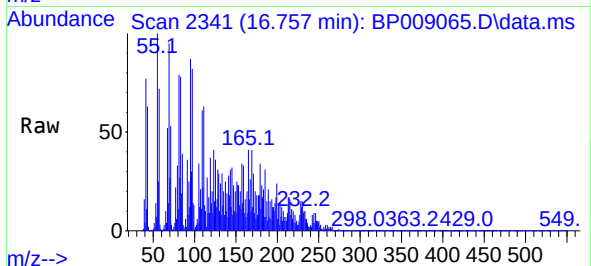




#69
Atrazine
Concen: 3.870 ng
RT: 16.757 min Scan# 21
Delta R.T. 0.088 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

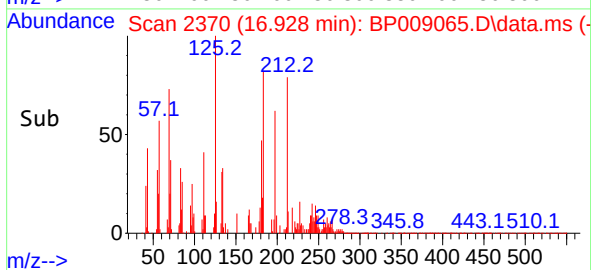
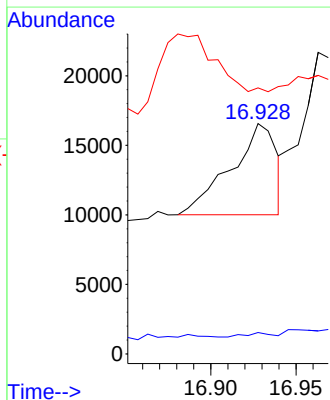
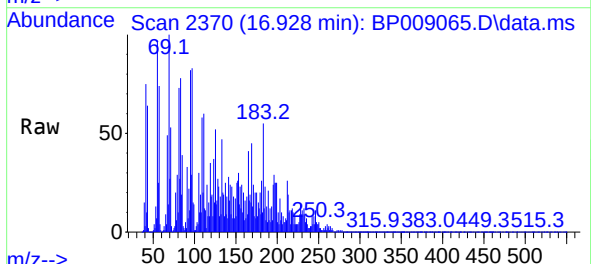
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

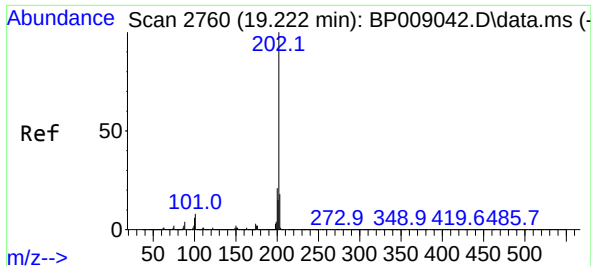
Tgt Ion:200 Resp: 32211
Ion Ratio Lower Upper
200 100
173 313.5 6.5 46.5#
215 246.8 29.6 69.6#



#70
Pentachlorophenol
Concen: 2.147 ng
RT: 16.928 min Scan# 2370
Delta R.T. 0.065 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:266 Resp: 12144
Ion Ratio Lower Upper
266 100
268 9.3 50.9 76.3#
264 115.5 50.3 75.5#

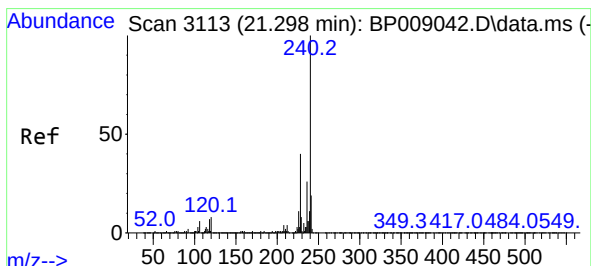
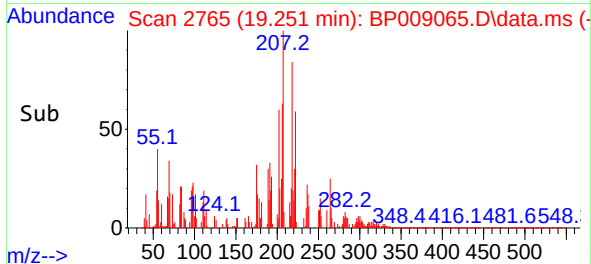
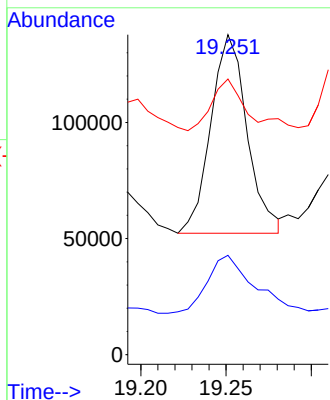
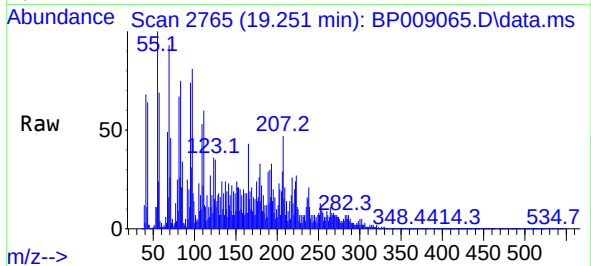




#75
Fluoranthene
Concen: 2.517 ng
RT: 19.251 min Scan# 21
Delta R.T. 0.030 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

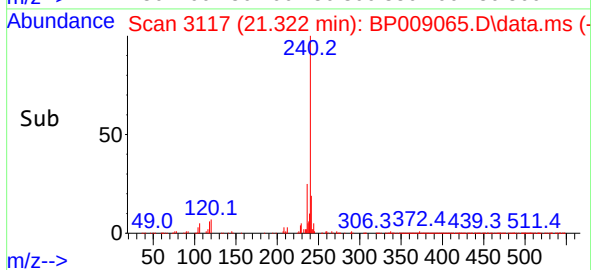
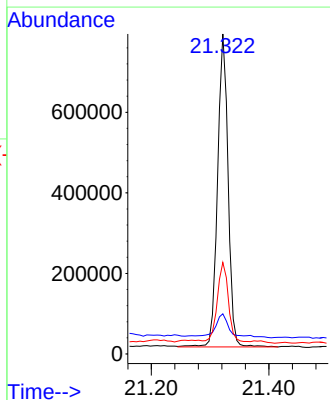
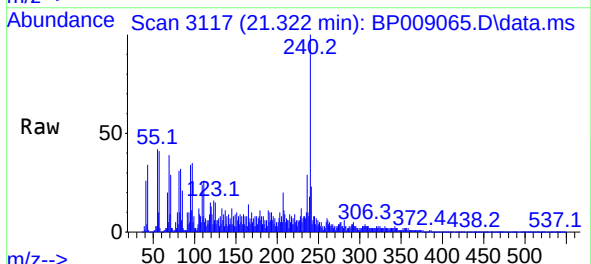
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

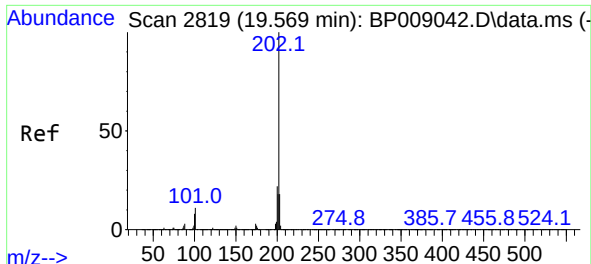
Tgt Ion:202 Resp: 126434
Ion Ratio Lower Upper
202 100
101 31.1 0.0 30.7#
203 86.1 0.0 38.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.024 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:240 Resp: 968420
Ion Ratio Lower Upper
240 100
120 12.6 7.7 11.5#
236 28.6 21.2 31.8

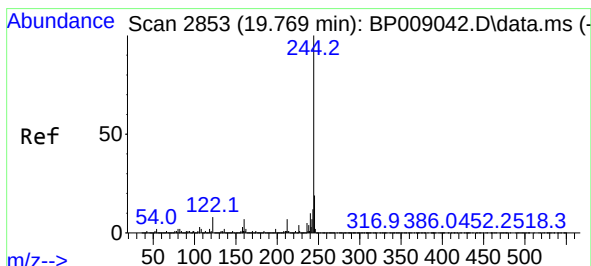
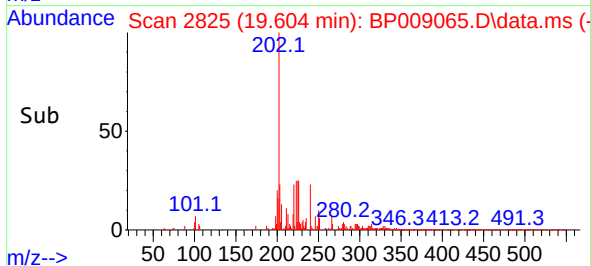
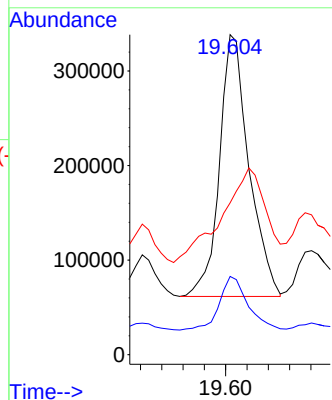
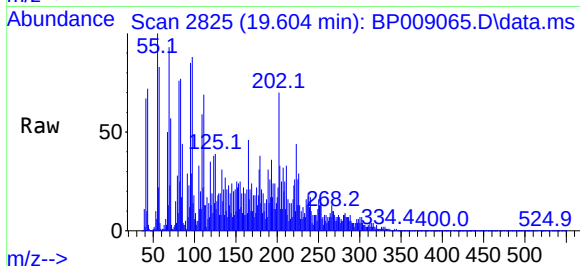




#78
Pyrene
Concen: 7.719 ng
RT: 19.604 min Scan# 2819
Delta R.T. 0.035 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

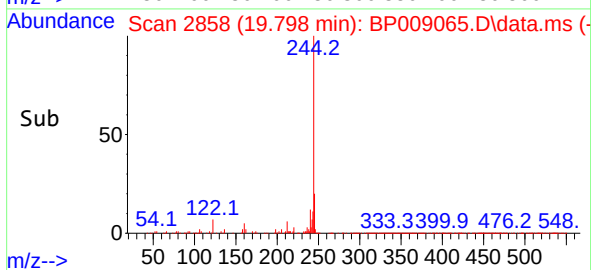
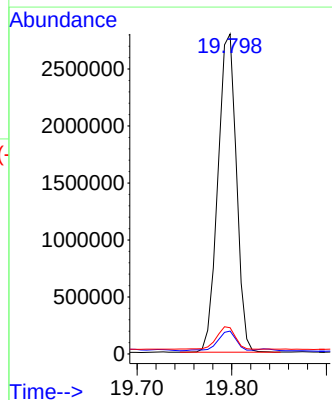
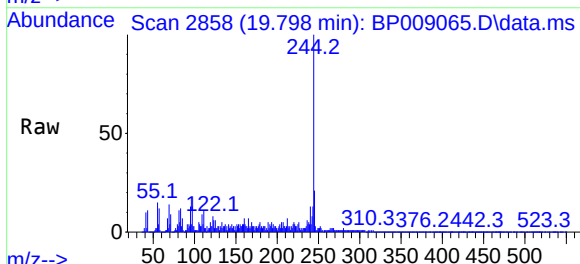
Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

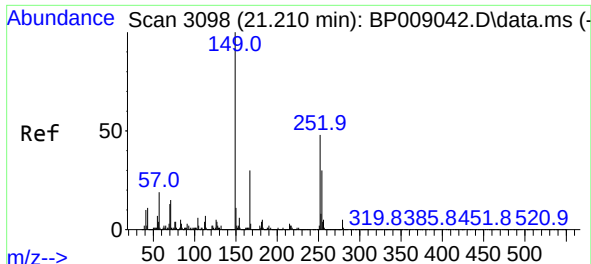
Tgt Ion:202 Resp: 531789
Ion Ratio Lower Upper
202 100
200 24.4 18.0 27.0
203 47.4 15.0 22.6#



#79
Terphenyl-d14
Concen: 70.375 ng
RT: 19.798 min Scan# 2858
Delta R.T. 0.030 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:244 Resp: 3789761
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.2 9.2 13.8#

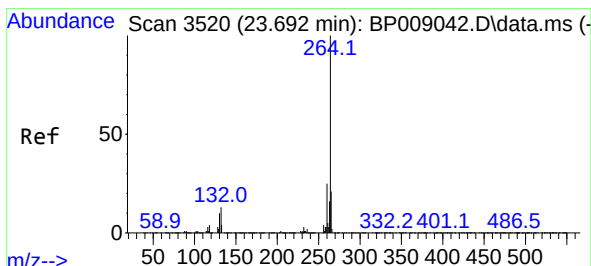
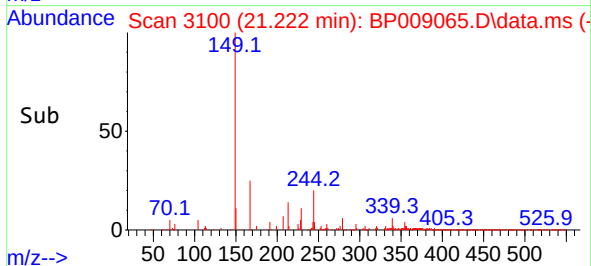
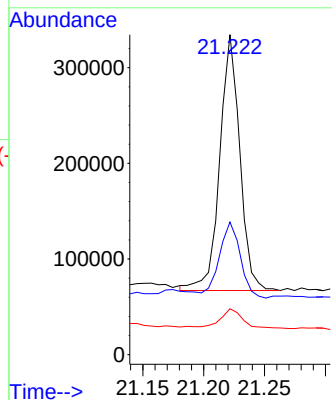
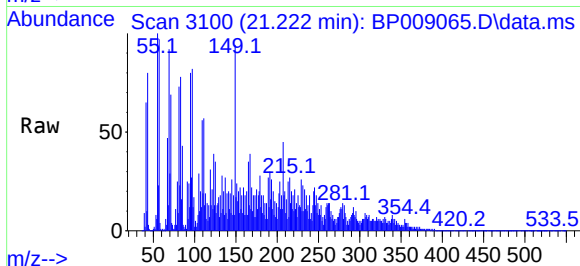




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.793 ng
RT: 21.222 min Scan# 3100
Delta R.T. 0.012 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Instrument :
BNA_P
ClientSampleId :
KTS1-GW-MH-02-8-13

Tgt Ion:149 Resp: 306845
Ion Ratio Lower Upper
149 100
167 41.4 25.0 37.4#
279 14.4 4.8 7.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. 0.030 min
Lab File: BP009065.D
Acq: 08 Feb 2022 18:51

Tgt Ion:264 Resp: 1144977
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.4 17.1 25.7

