

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
 Data File : BP005423.D
 Acq On : 29 Apr 2021 22:55
 Operator : CG/JU
 Sample : M2222-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5-COMP

Quant Time: Apr 30 01:14:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 16:42:41 2021
 Response via : Initial Calibration

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

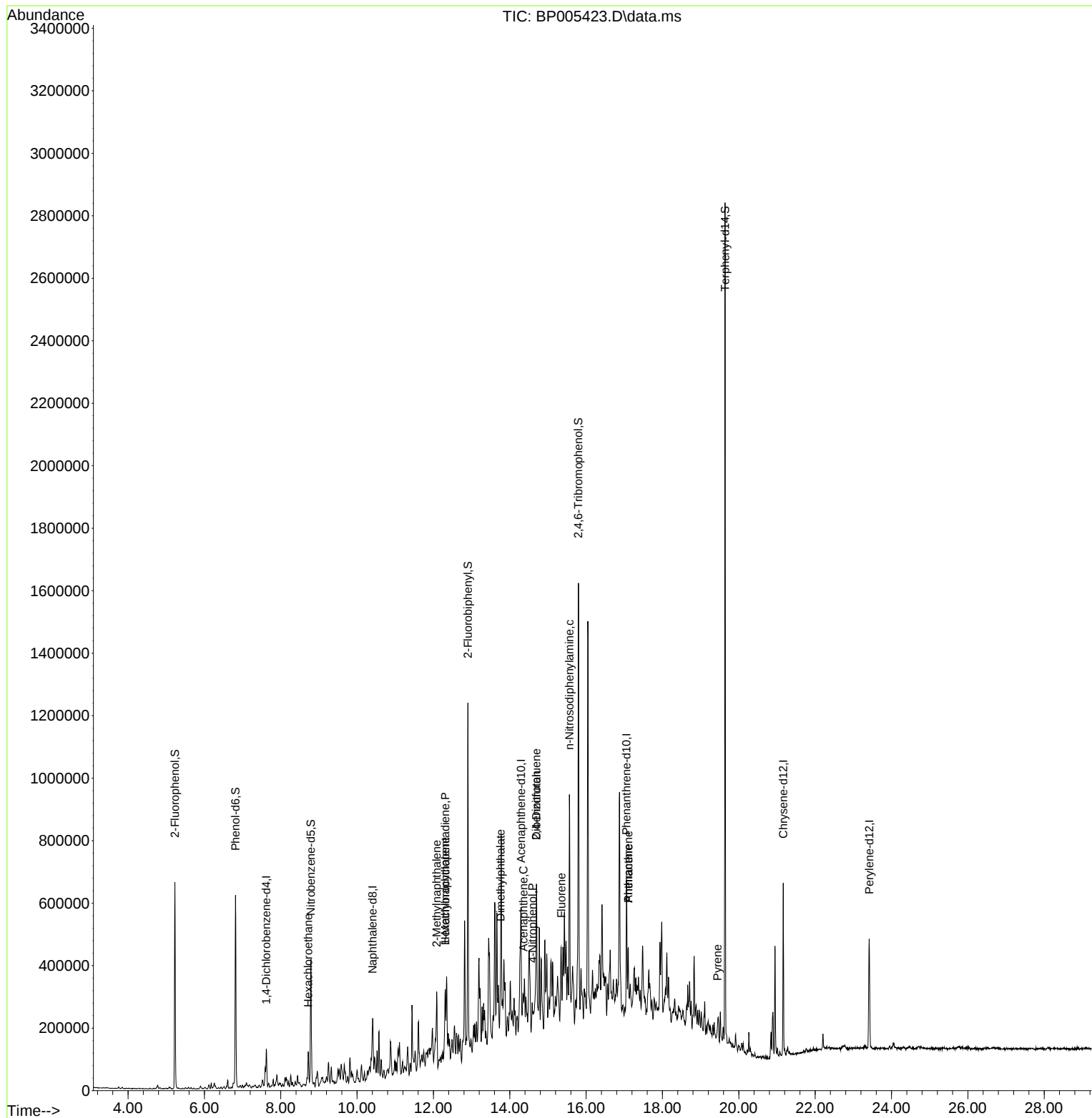
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	26759	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	95156	20.00	ng	# 0.00
39) Acenaphthene-d10	14.293	164	80979	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	194185	20.00	ng	0.00
76) Chrysene-d12	21.163	240	240201	20.00	ng	0.00
86) Perylene-d12	23.416	264	254202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	210021	137.32	ng	0.00
7) Phenol-d6	6.816	99	271672	126.91	ng	0.00
23) Nitrobenzene-d5	8.787	82	219822	81.87	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	208854	124.34	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	471197	69.46	ng	0.00
79) Terphenyl-d14	19.639	244	997909	74.65	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.722	117	7584	9.48	ng	# 1
37) 2-Methylnaphthalene	12.087	142	85763	21.73	ng	95
38) 1-Methylnaphthalene	12.310	142	83235	22.21	ng	90
41) Hexachlorocyclopentadiene	12.310	237	6	8.36	ng	90
50) Dimethylphthalate	13.757	163	32690	4.98	ng	# 97
52) Acenaphthene	14.357	154	11399	2.49	ng	92
55) Dibenzofuran	14.698	168	19809	2.41	ng	# 1
56) 4-Nitrophenol	14.593	139	3248	3.64	ng	# 53
57) 2,4-Dinitrotoluene	14.698	165	5808	2.76	ng	# 55
58) Fluorene	15.351	166	34756	5.10	ng	# 83
66) n-Nitrosodiphenylamine	15.563	169	51963	9.25	ng	# 50
71) Phenanthrene	17.104	178	99290	9.41	ng	# 95
72) Anthracene	17.104	178	99290	9.37	ng	95
78) Pyrene	19.439	202	31167	2.27	ng	# 92

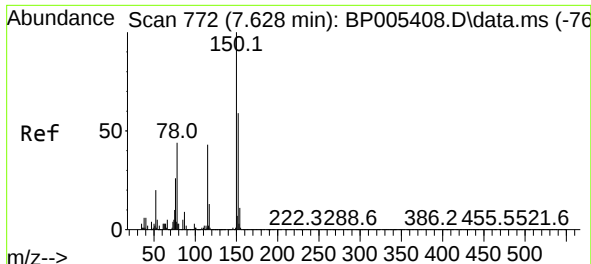
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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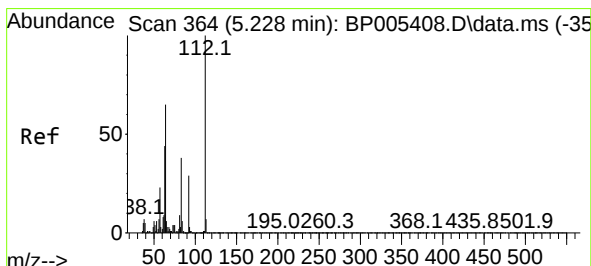
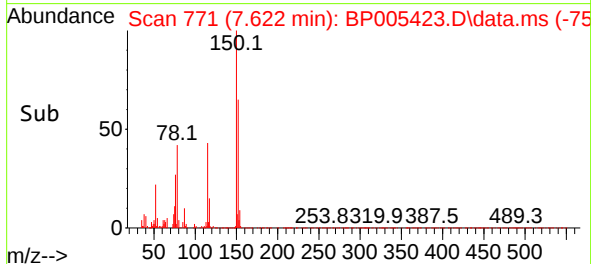
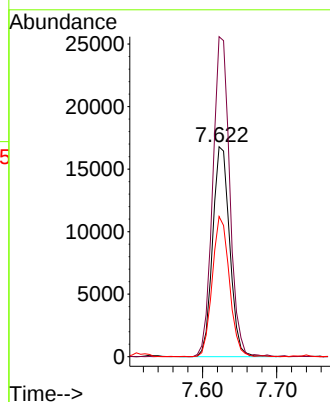
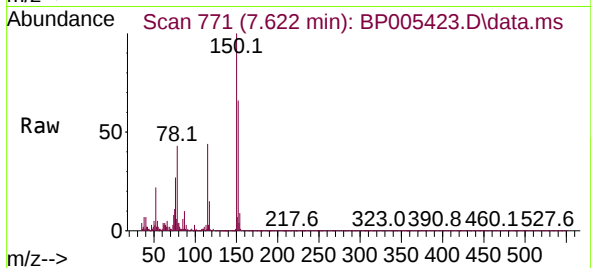




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

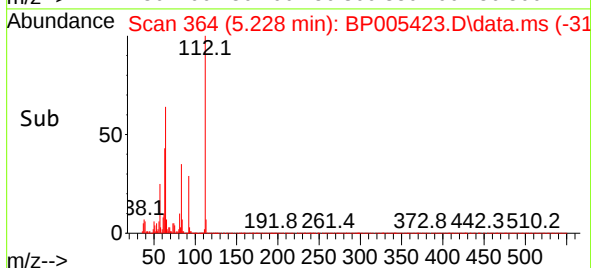
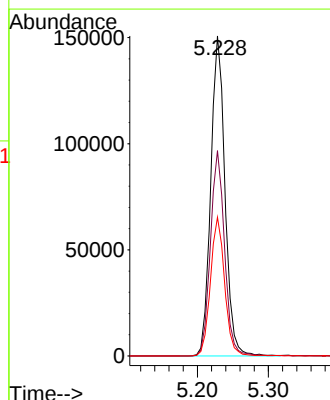
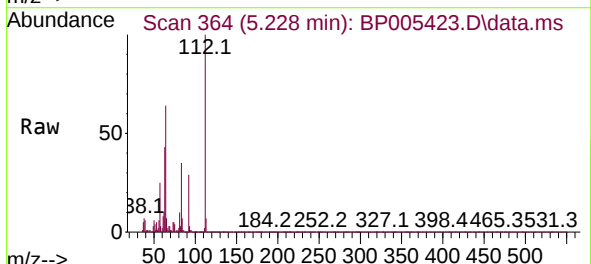
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BNA_P
ClientSampleId :
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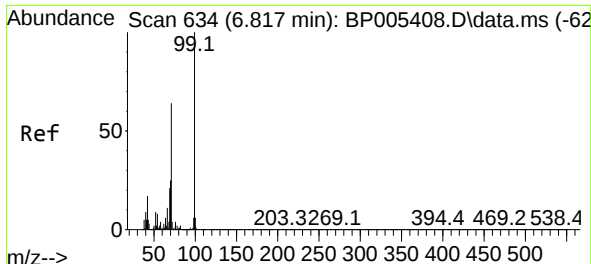
Tgt Ion:152 Resp: 26759
Ion Ratio Lower Upper
152 100
150 152.5 119.8 179.8
115 66.8 49.0 73.4



#5
2-Fluorophenol
Concen: 137.32 ng
RT: 5.228 min Scan# 364
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:112 Resp: 210021
Ion Ratio Lower Upper
112 100
64 64.2 33.6 50.4#
63 43.4 18.6 27.8#

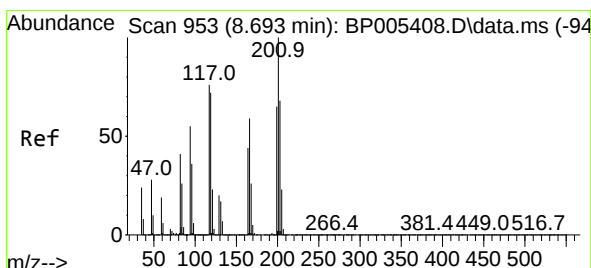
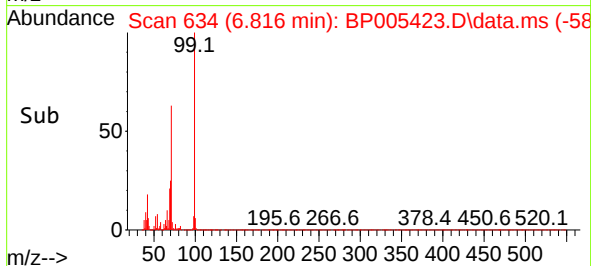
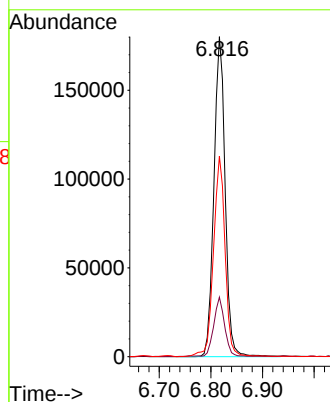
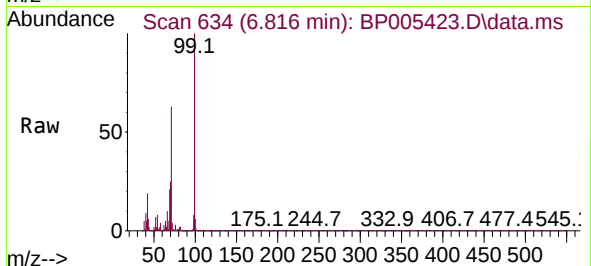




#7
Phenol-d6
Concen: 126.91 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

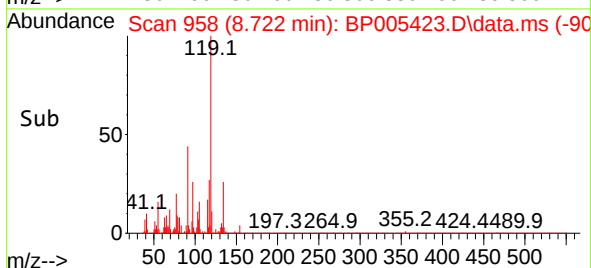
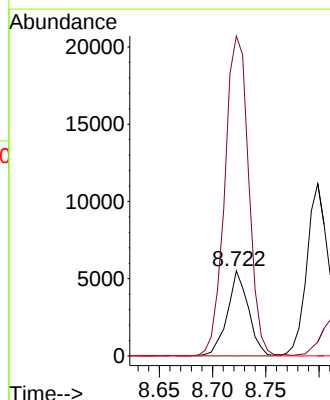
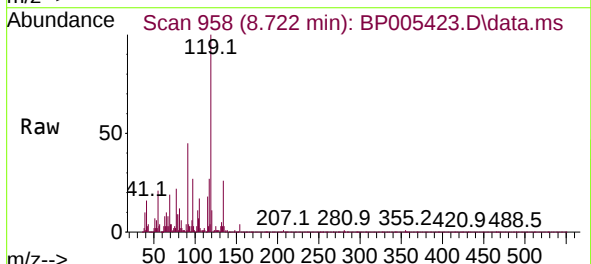
Instrument :
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ClientSampleId :
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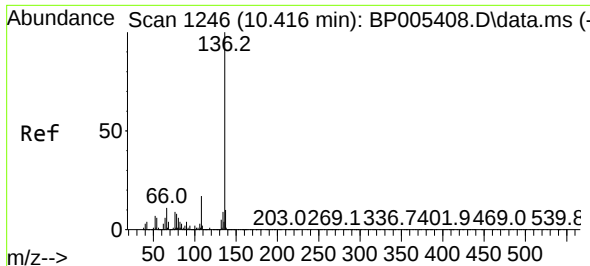
Tgt Ion: 99 Resp: 271672
Ion Ratio Lower Upper
99 100
42 18.6 12.9 19.3
71 62.7 26.7 40.1#



#18
Hexachloroethane
Concen: 9.48 ng
RT: 8.722 min Scan# 958
Delta R.T. 0.029 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion: 117 Resp: 7584
Ion Ratio Lower Upper
117 100
119 375.8 80.1 120.1#
201 0.0 98.8 148.2#

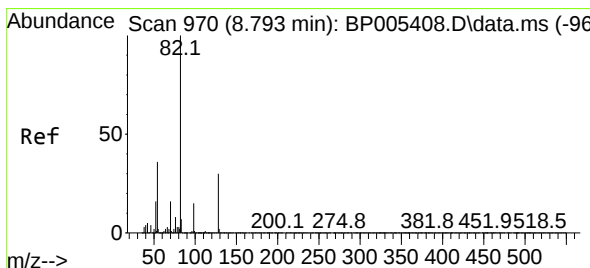
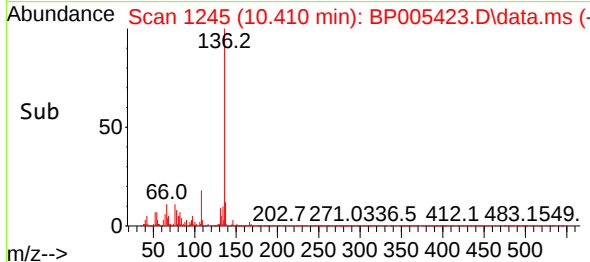
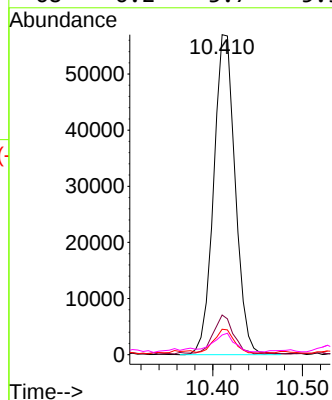
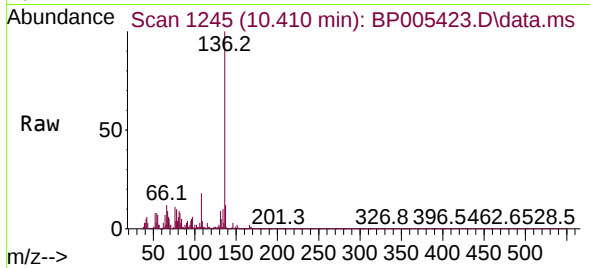




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

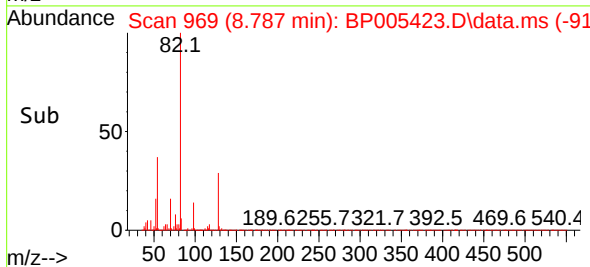
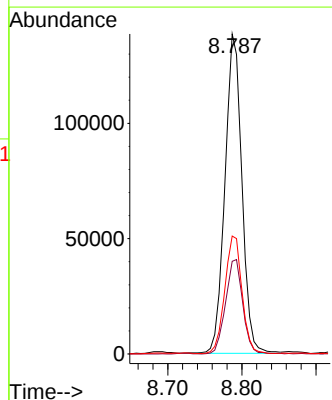
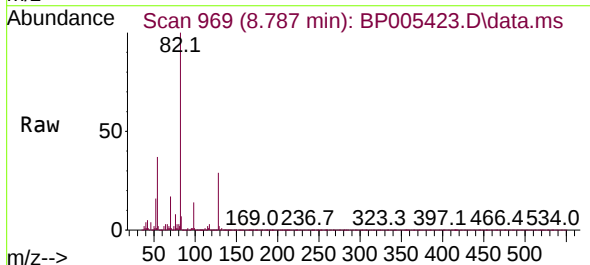
Instrument :
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ClientSampleId :
TP-5-COMP

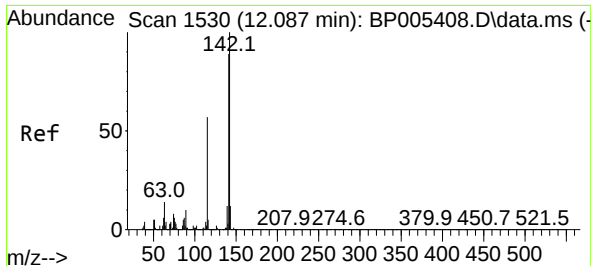
Tgt Ion:	136	Resp:	95156
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.9	13.3
54	7.9	5.0	7.4#
68	6.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 81.87 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:	82	Resp:	219822
Ion Ratio	Lower	Upper	
82	100		
128	28.9	30.5	45.7#
54	36.8	33.9	50.9

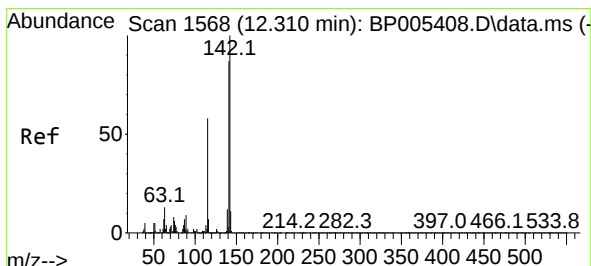
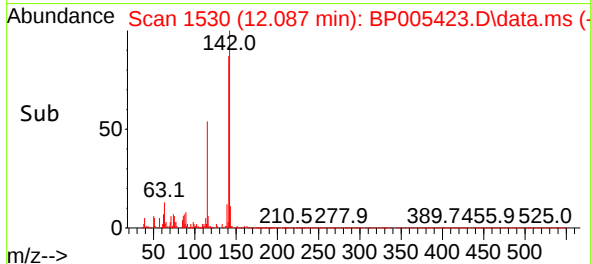
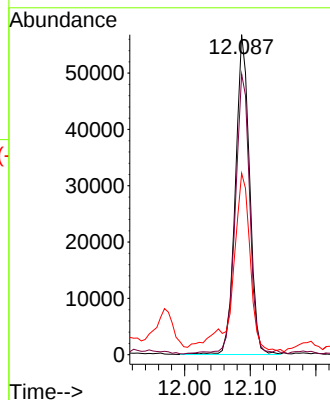
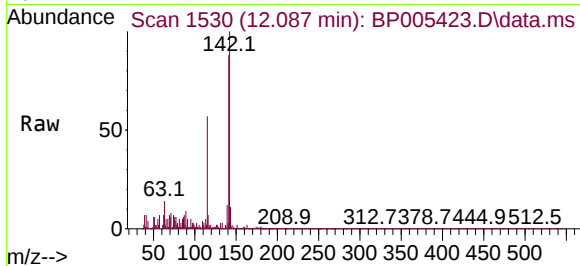




#37
2-Methylnaphthalene
Concen: 21.73 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

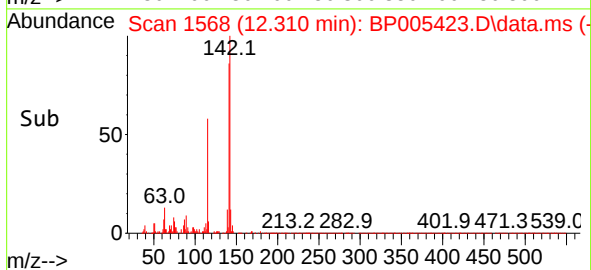
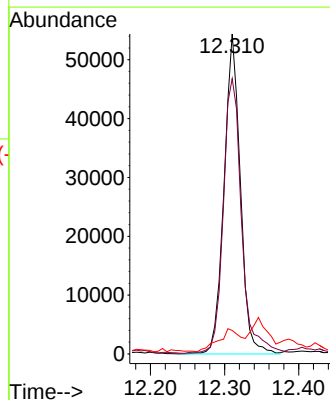
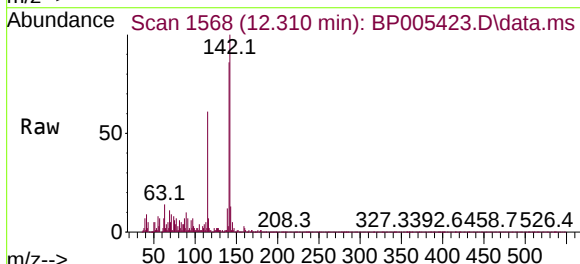
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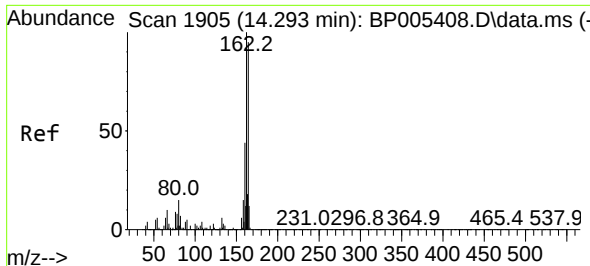
Tgt Ion:142 Resp: 85763
Ion Ratio Lower Upper
142 100
141 87.7 74.7 112.1
115 56.7 43.8 65.8



#38
1-Methylnaphthalene
Concen: 22.21 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:142 Resp: 83235
Ion Ratio Lower Upper
142 100
141 86.0 77.0 115.6
116 7.3 5.0 7.6

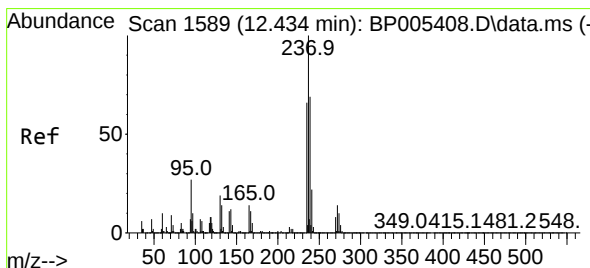
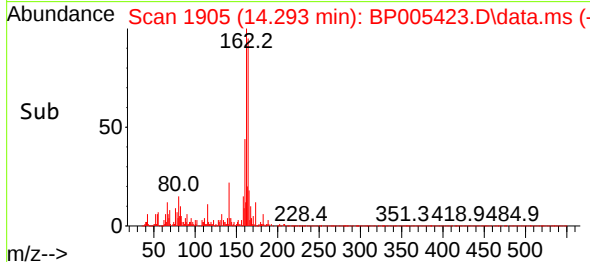
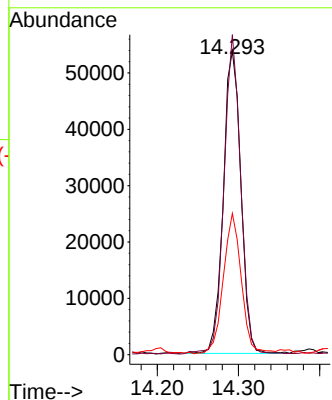
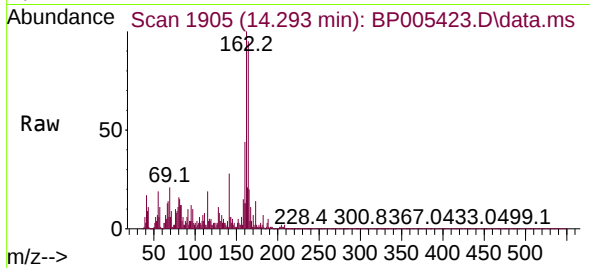




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

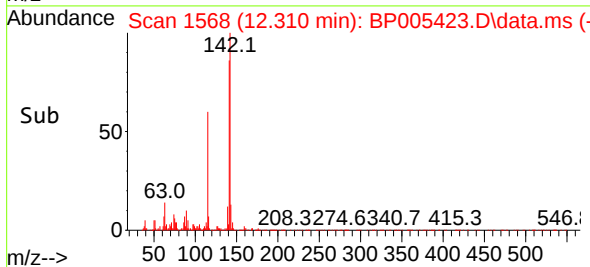
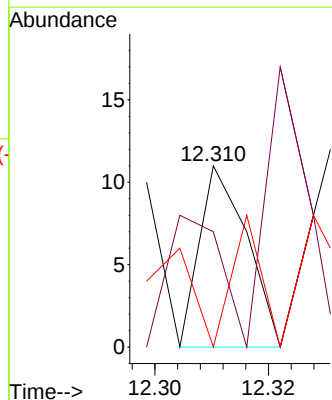
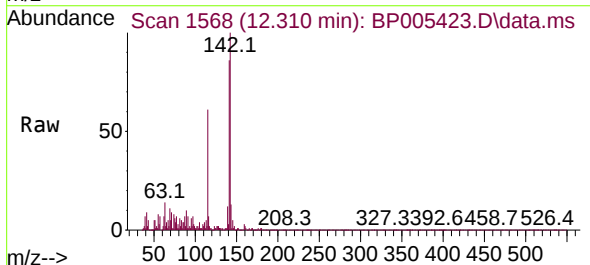
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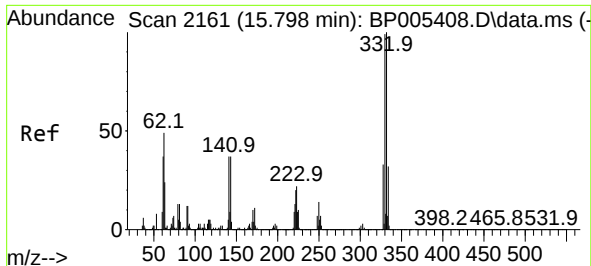
Tgt Ion:164 Resp: 80979
Ion Ratio Lower Upper
164 100
162 105.4 73.5 110.3
160 46.6 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 8.36 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.124 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 63.6 40.9 80.9
272 0.0 0.0 34.6

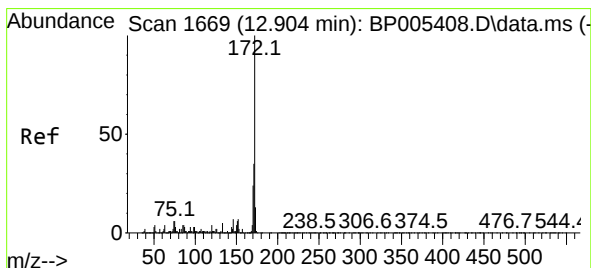
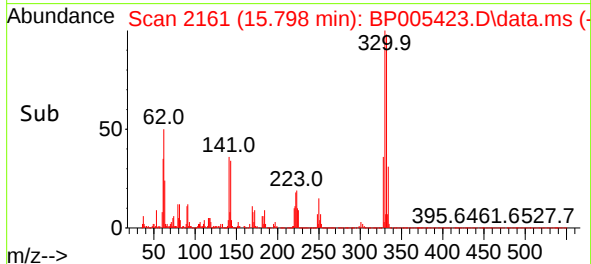
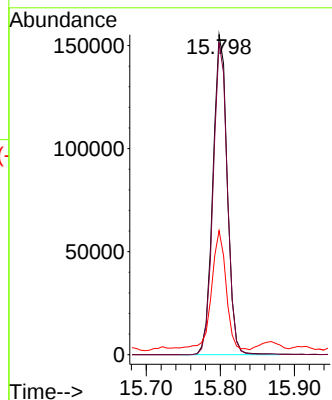
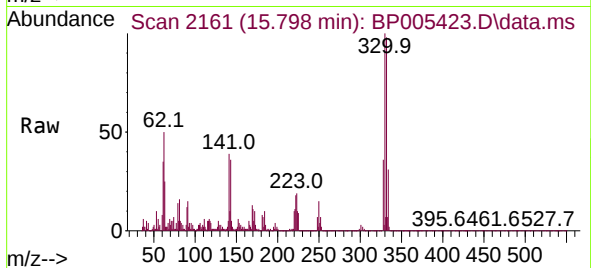




#42
2,4,6-Tribromophenol
Concen: 124.34 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

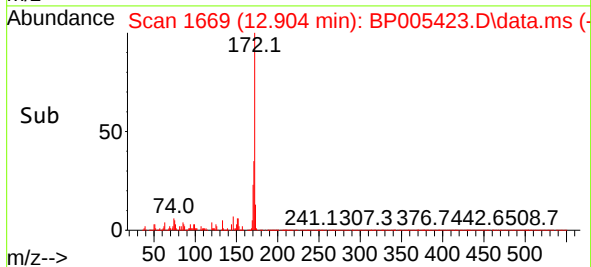
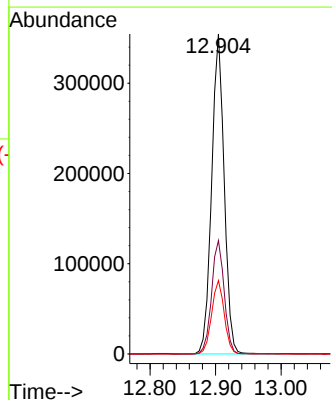
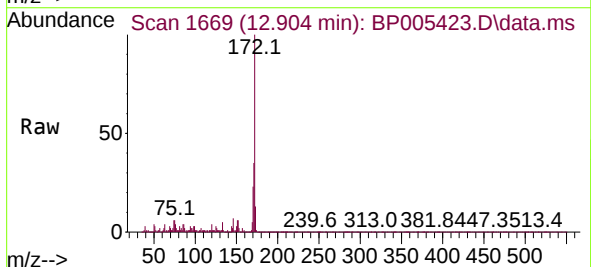
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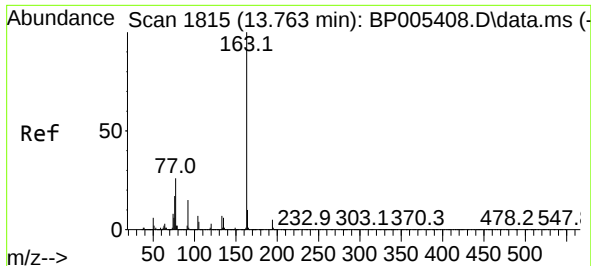
Tgt Ion:330 Resp: 208854
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 37.8 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 69.46 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:172 Resp: 471197
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.0 19.6 29.4

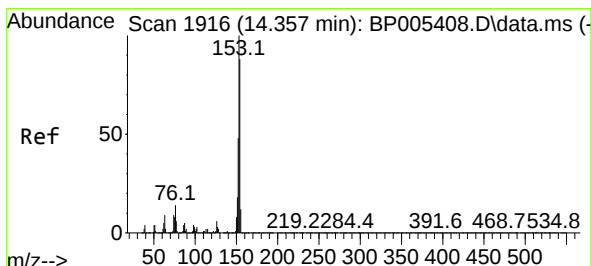
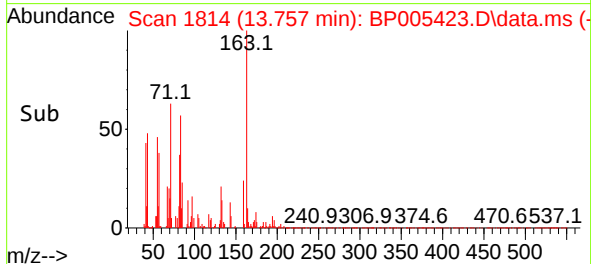
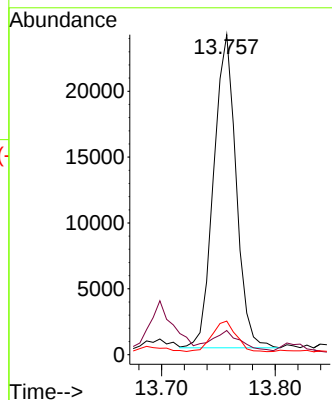
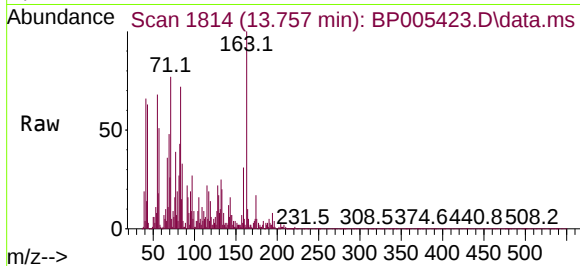




#50
Dimethylphthalate
Concen: 4.98 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

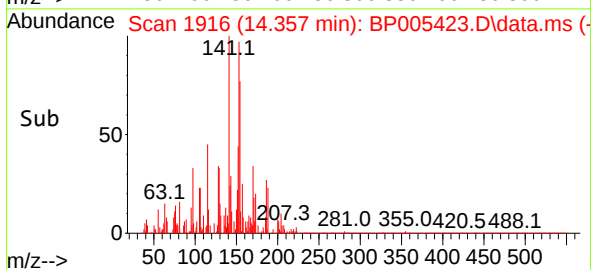
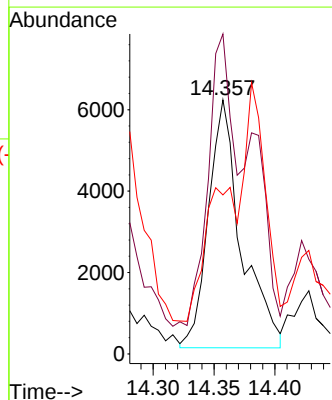
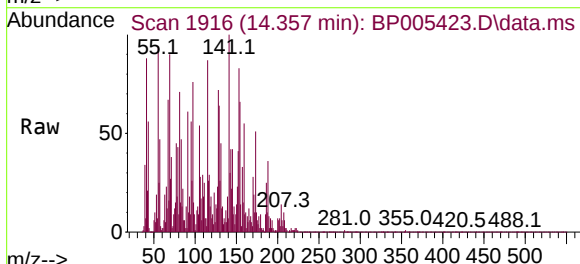
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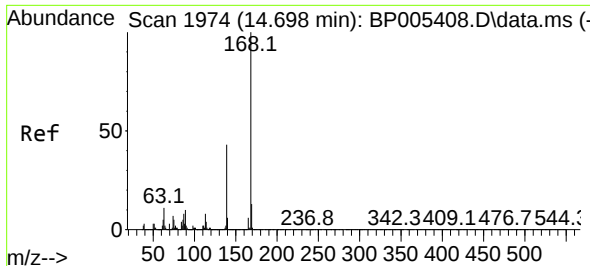
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Ion Ratio Lower Upper
163 100
194 7.5 3.9 5.9#
164 10.5 8.1 12.1



#52
Acenaphthene
Concen: 2.49 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:154 Resp: 11399
Ion Ratio Lower Upper
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153 125.9 90.9 136.3
152 62.6 48.5 72.7

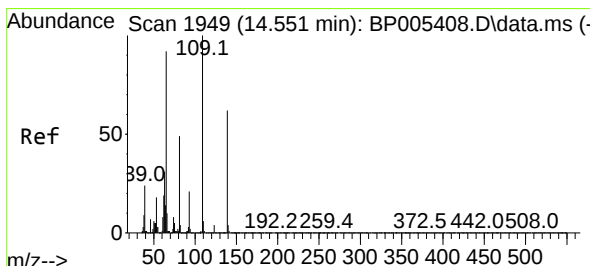
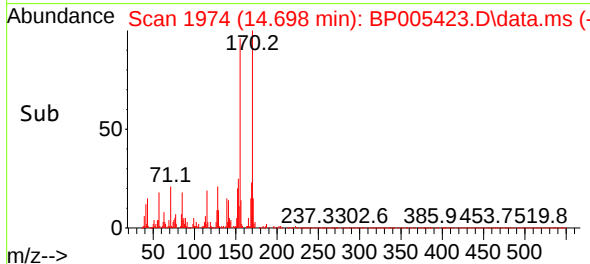
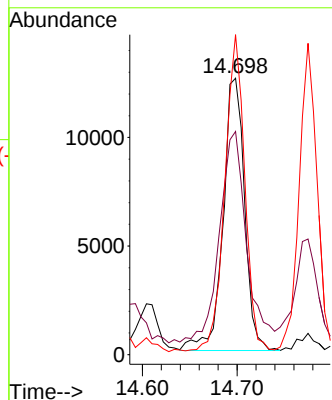
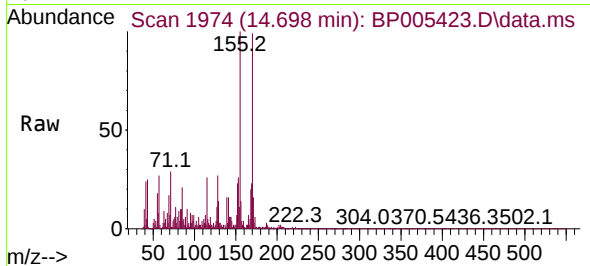




#55
Dibenzofuran
Concen: 2.41 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

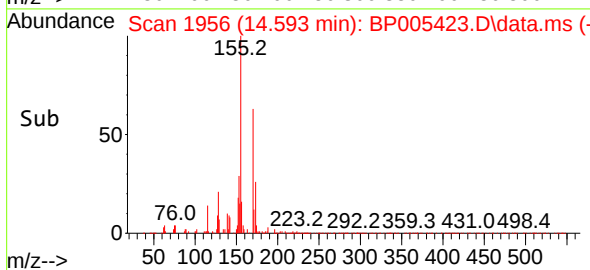
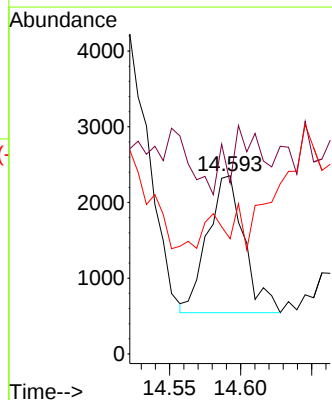
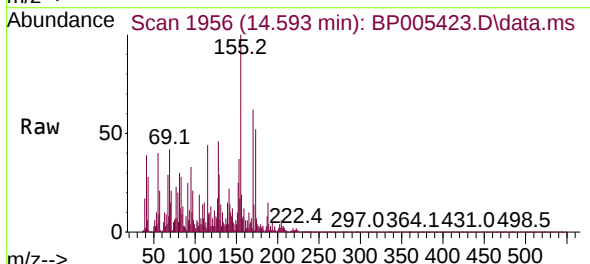
Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

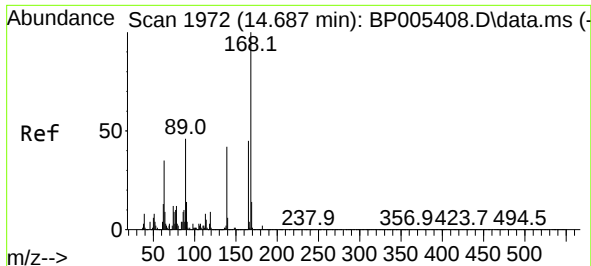
Tgt Ion:168 Resp: 19809
Ion Ratio Lower Upper
168 100
139 80.7 31.4 47.0#
169 115.8 11.4 17.0#



#56
4-Nitrophenol
Concen: 3.64 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.041 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:139 Resp: 3248
Ion Ratio Lower Upper
139 100
109 95.9 122.8 162.8#
65 64.7 110.0 150.0#

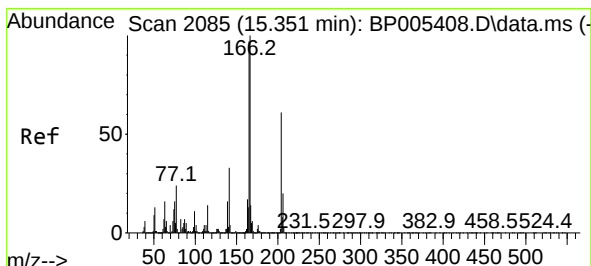
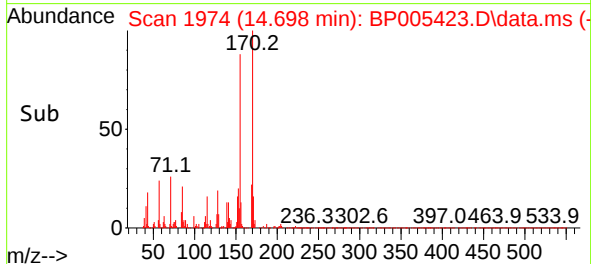
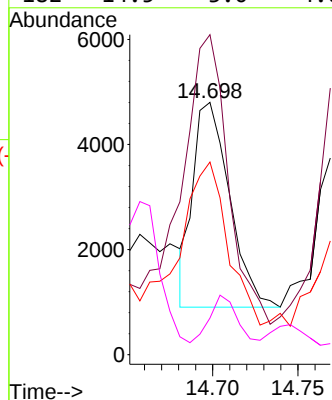
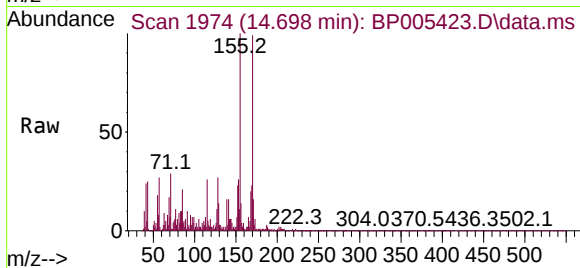




#57
2,4-Dinitrotoluene
Concen: 2.76 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.012 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

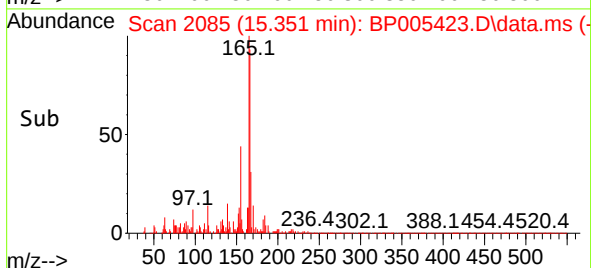
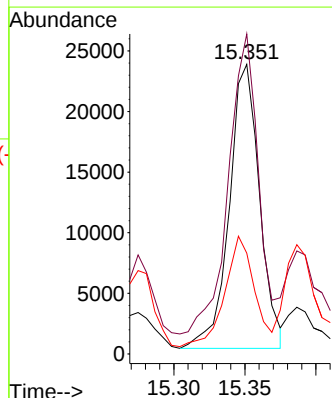
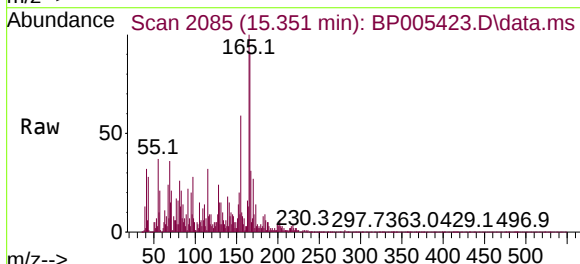
Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

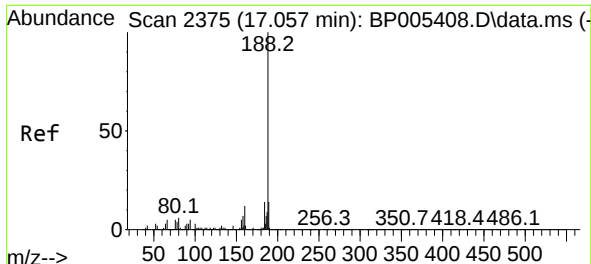
Tgt Ion:165	Resp:	5808
Ion Ratio	Lower	Upper
165	100	
63	126.8	56.7 85.1#
89	76.3	85.8 128.6#
182	14.5	3.0 4.6#



#58
Fluorene
Concen: 5.10 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:166	Resp:	34756
Ion Ratio	Lower	Upper
166	100	
165	110.5	78.8 118.2
167	34.8	10.9 16.3#

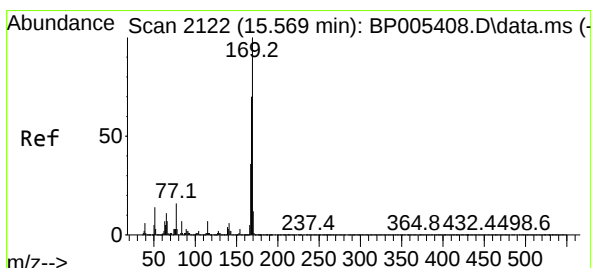
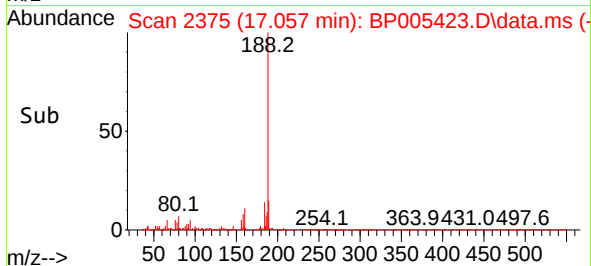
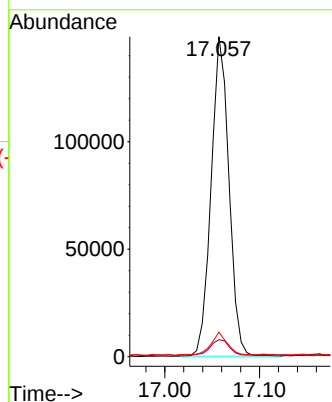
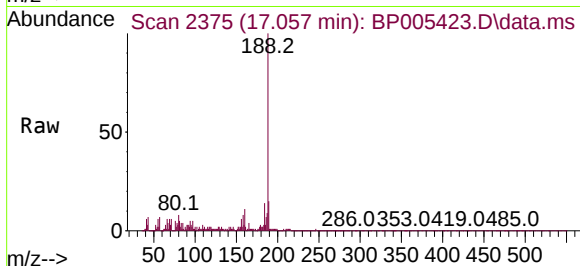




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

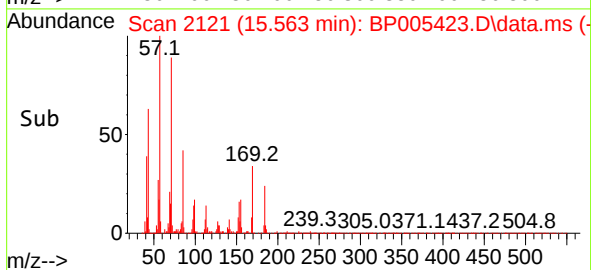
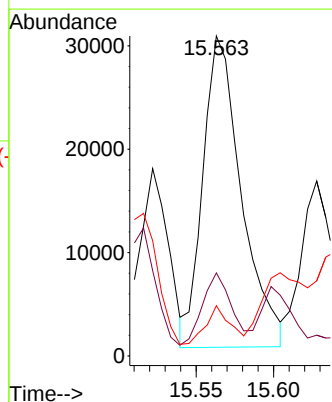
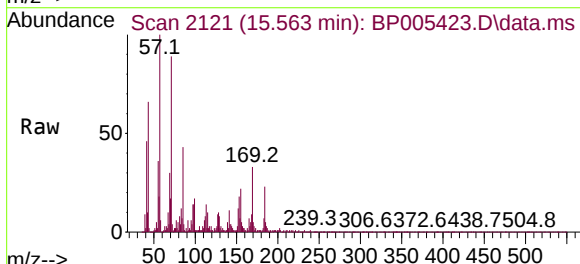
Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

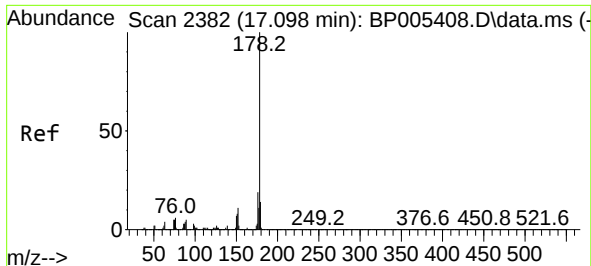
Tgt Ion:	188	Resp:	194185
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.0	7.6
80	7.6	5.9	8.9



#66
n-Nitrosodiphenylamine
Concen: 9.25 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:	169	Resp:	51963
Ion Ratio	Lower	Upper	
169	100		
168	26.0	55.2	82.8#
167	15.7	36.6	54.8#

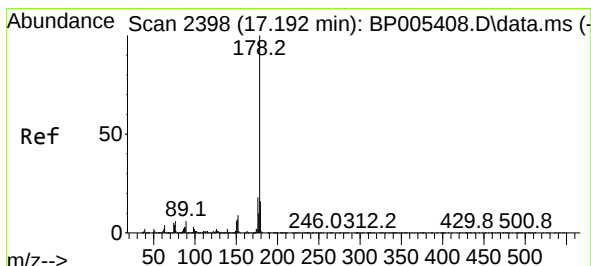
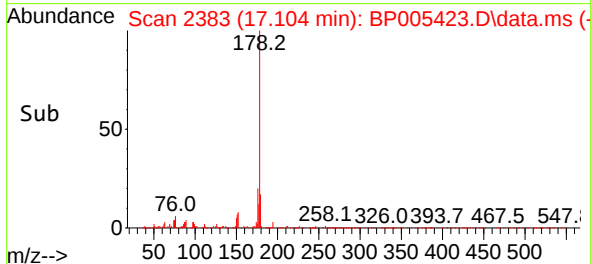
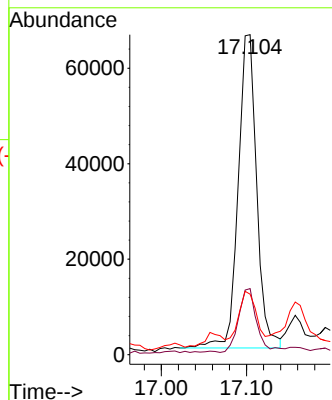
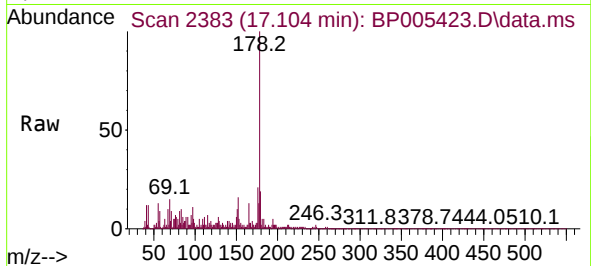




#71
Phenanthrene
Concen: 9.41 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

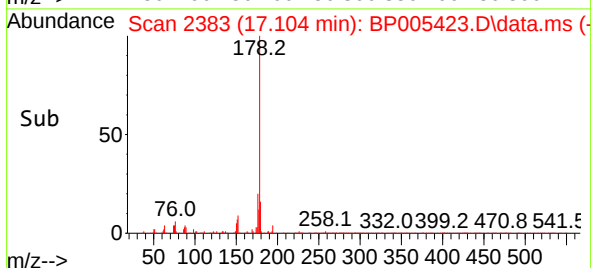
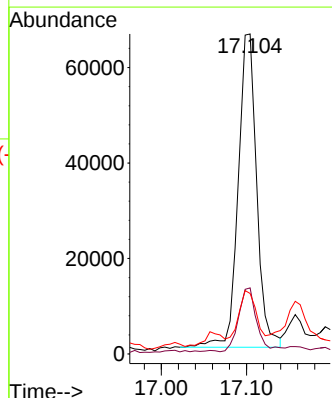
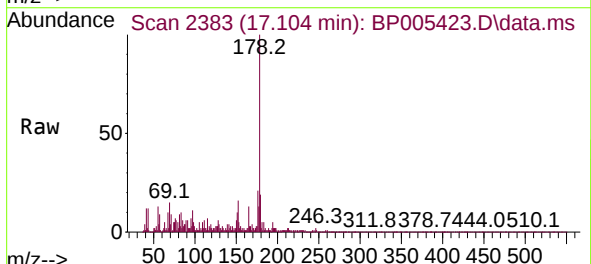
Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

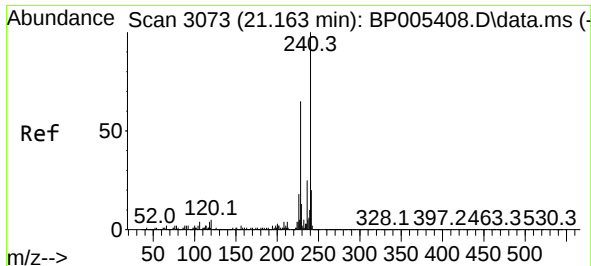
Tgt Ion:178 Resp: 99290
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 18.9 12.3 18.5#



#72
Anthracene
Concen: 9.37 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.088 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:178 Resp: 99290
Ion Ratio Lower Upper
178 100
176 20.6 15.2 22.8
179 18.9 12.6 19.0

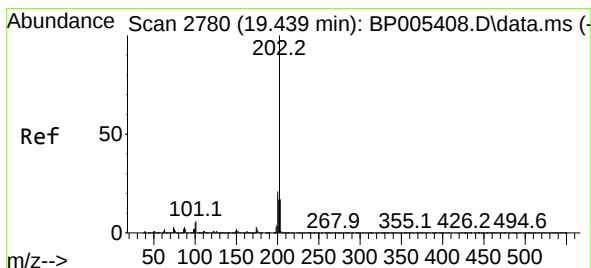
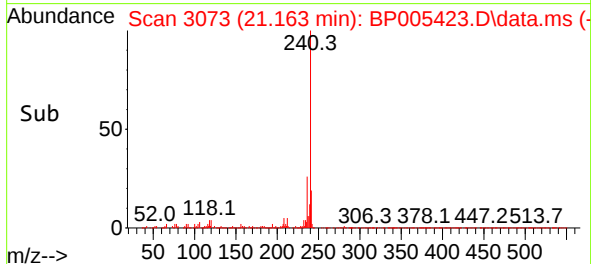
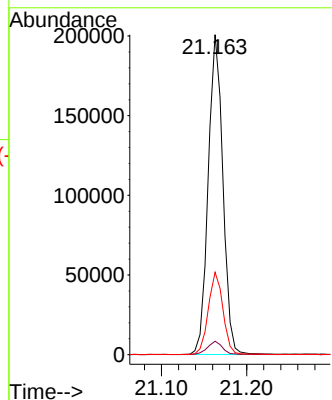
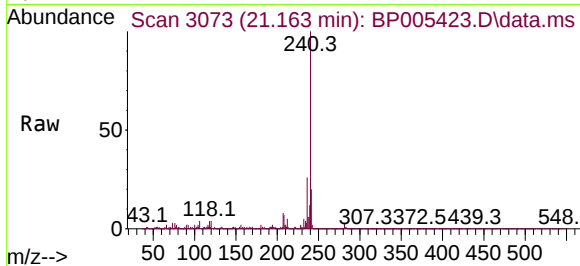




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

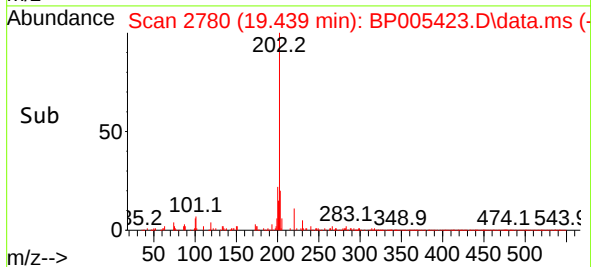
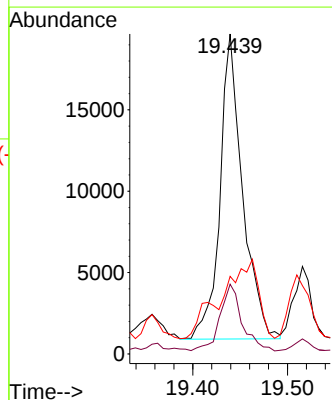
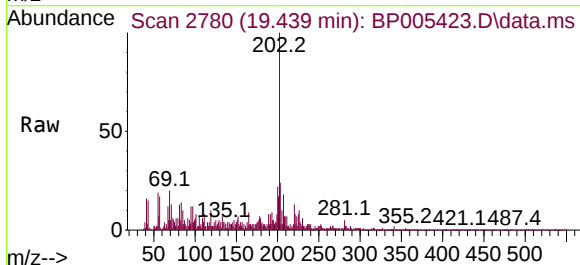
Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

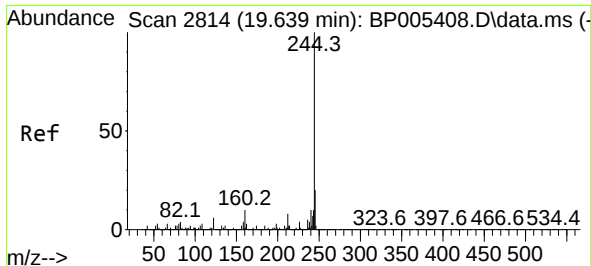
Tgt Ion:	240	Resp:	240201
Ion Ratio	Lower	Upper	
240	100		
120	4.2	4.2	6.2
236	25.8	20.2	30.2



#78
Pyrene
Concen: 2.27 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:	202	Resp:	31167
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.9	25.3
203	24.2	13.8	20.6#

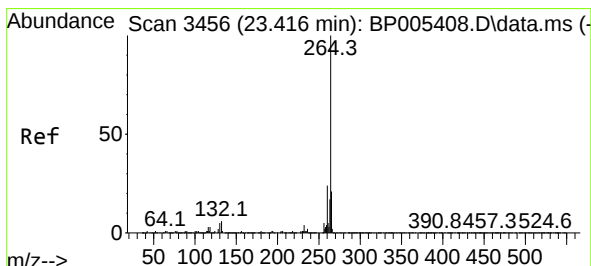
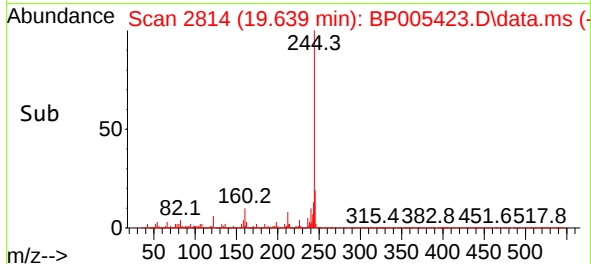
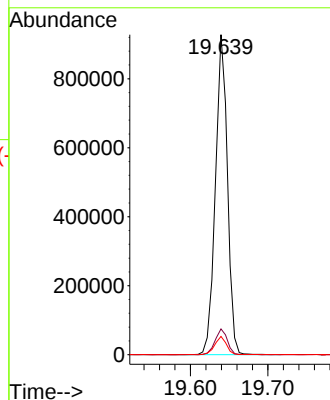
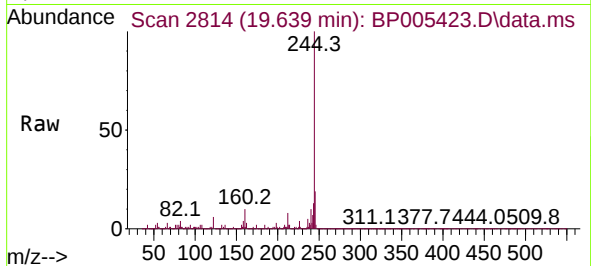




#79
Terphenyl-d14
Concen: 74.65 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Instrument :
BNA_P
ClientSampleId :
TP-5-COMP

Tgt Ion:244	Resp:	997909
Ion Ratio	Lower	Upper
244	100	
212	8.0	5.8 8.6
122	5.7	5.2 7.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.416 min Scan# 3456
Delta R.T. -0.000 min
Lab File: BP005423.D
Acq: 29 Apr 2021 22:55

Tgt Ion:264	Resp:	254202
Ion Ratio	Lower	Upper
264	100	
260	24.7	20.6 30.8
265	21.4	19.0 28.6

