

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003543.D
 Acq On : 07 Oct 2020 06:08
 Operator : CG/JU
 Sample : L4250-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-06

Quant Time: Oct 07 06:40:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

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

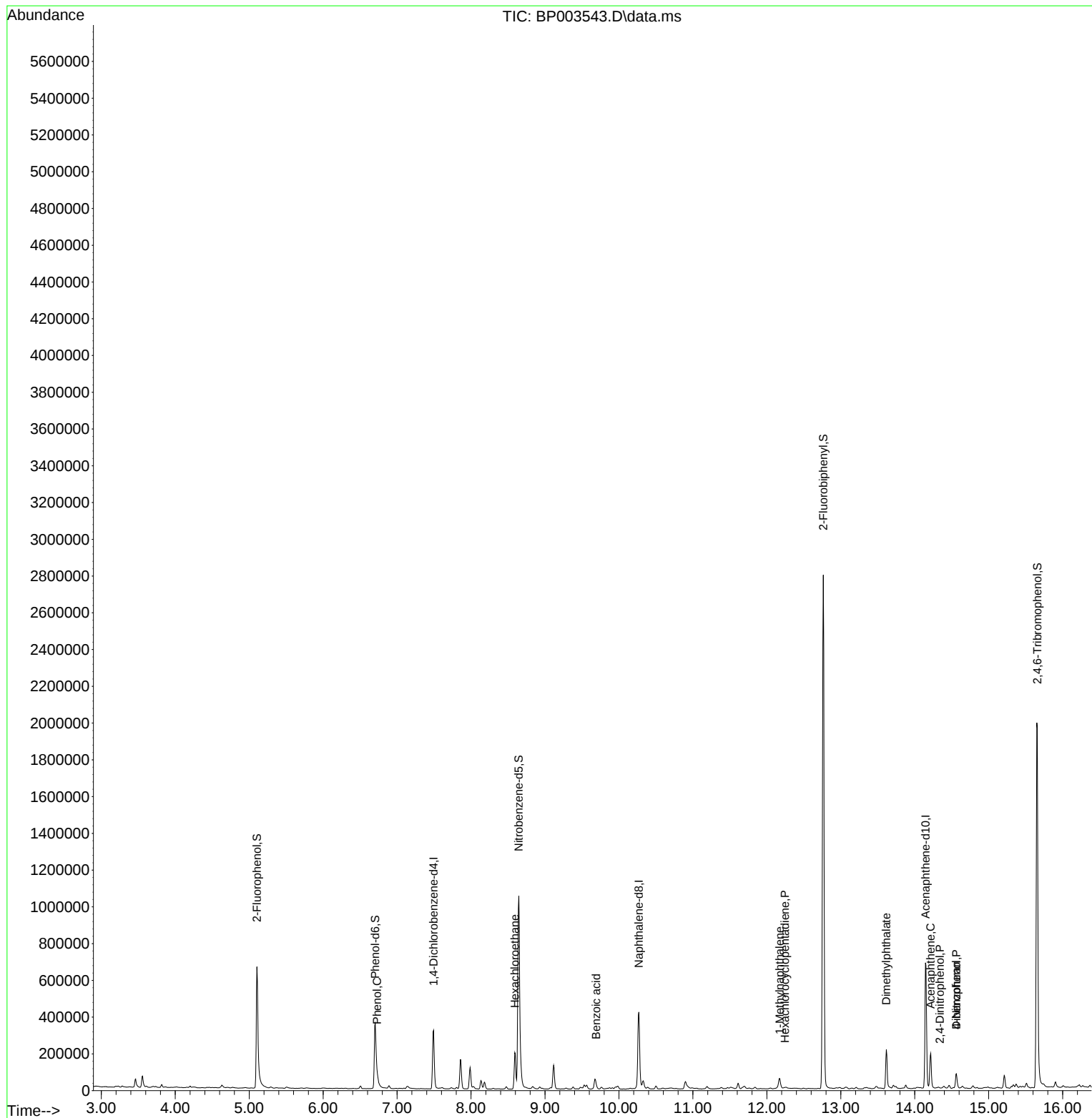
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	88764	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	361434	20.00	ng	# 0.00
39) Acenaphthene-d10	14.145	164	228198	20.00	ng	-0.01
64) Phenanthrene-d10	16.910	188	508887	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	602132	20.00	ng	-0.01
86) Perylene-d12	23.180	264	640345	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.105	112	352854	69.41	ng	0.00
7) Phenol-d6	6.705	99	279535	41.25	ng	0.00
23) Nitrobenzene-d5	8.646	82	681645	110.80	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	425939	122.38	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1429087	91.59	ng	-0.01
79) Terphenyl-d14	19.492	244	2071271	71.67	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.728	94	15217	2.35	ng	# 55
18) Hexachloroethane	8.593	117	16305	6.39	ng	# 1
32) Benzoic acid	9.693	122	35	9.16	ng	# 1
38) 1-Methylnaphthalene	12.175	142	26919	2.05	ng	# 97
41) Hexachlorocyclopentadiene	12.245	237	17	6.85	ng	80
50) Dimethylphthalate	13.616	163	141990	7.79	ng	100
52) Acenaphthene	14.216	154	66166	5.05	ng	99
54) 2,4-Dinitrophenol	14.339	184	15	7.26	ng	# 1
55) Dibenzofuran	14.563	168	52044	2.49	ng	93
56) 4-Nitrophenol	14.563	139	21671	8.38	ng	# 21
70) Pentachlorophenol	16.610	266	30	6.78	ng	# 72
71) Phenanthrene	16.951	178	71682	2.59	ng	97
75) Fluoranthene	18.939	202	141482	4.06	ng	98
78) Pyrene	19.292	202	116617	3.11	ng	99

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

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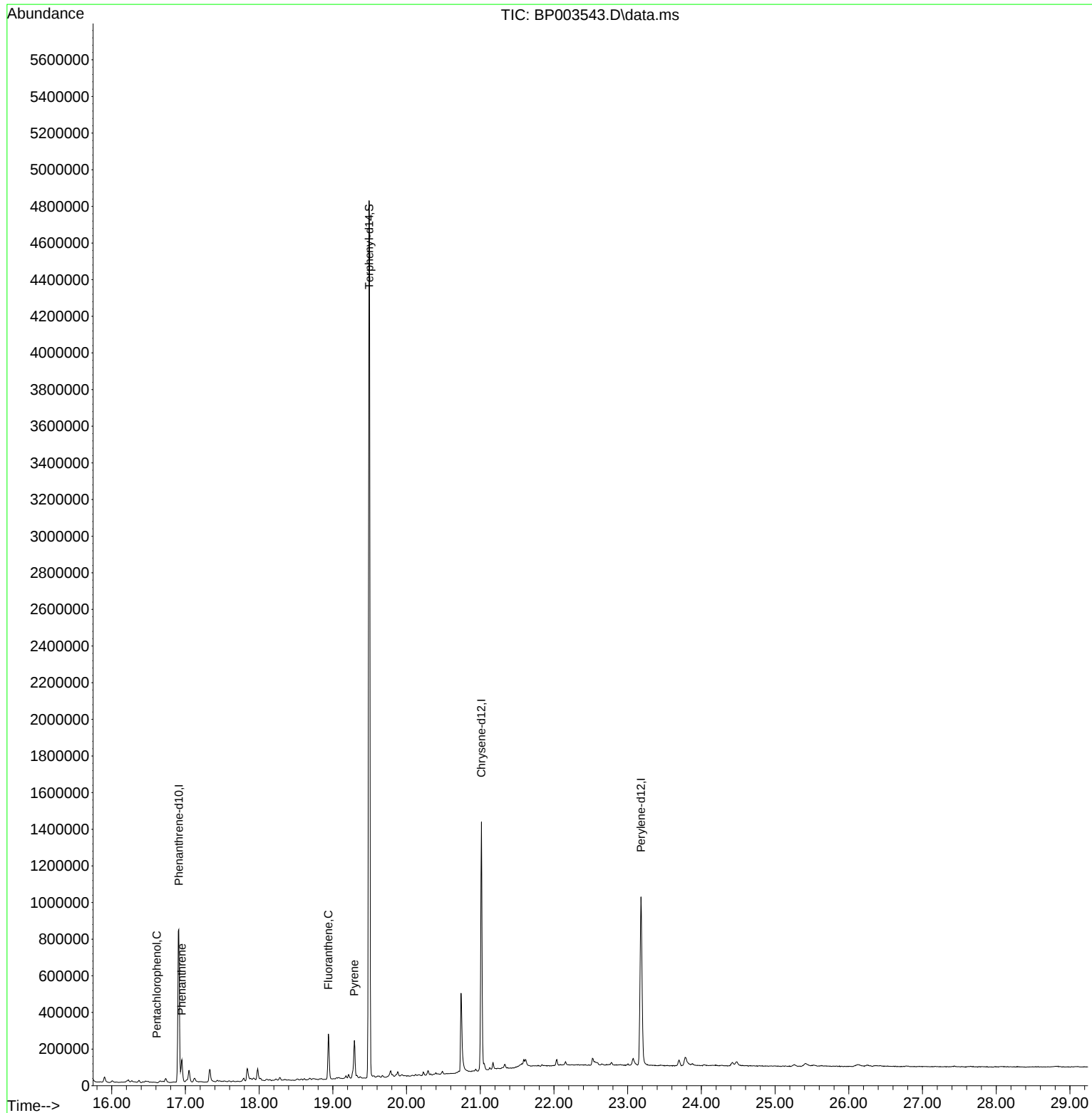
Quant Time: Oct 07 06:40:30 2020
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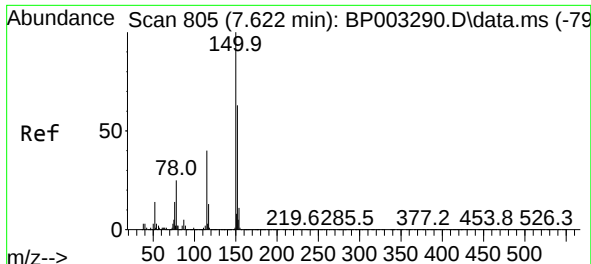


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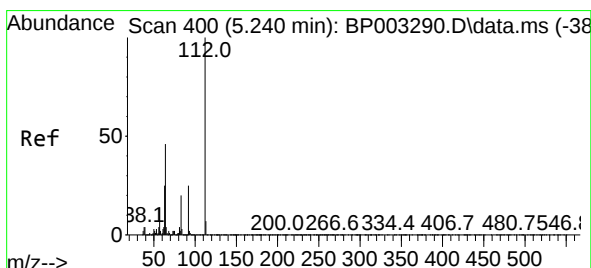
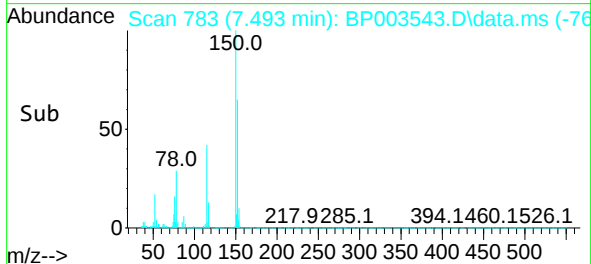
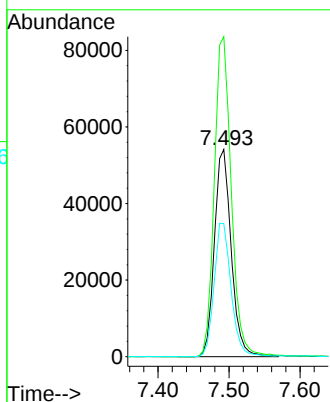
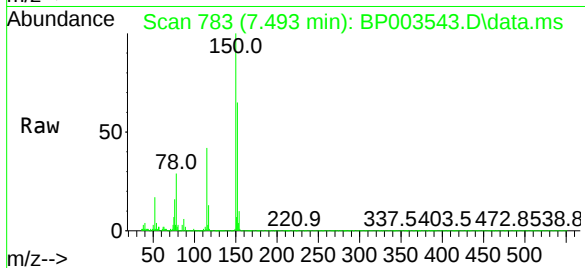




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

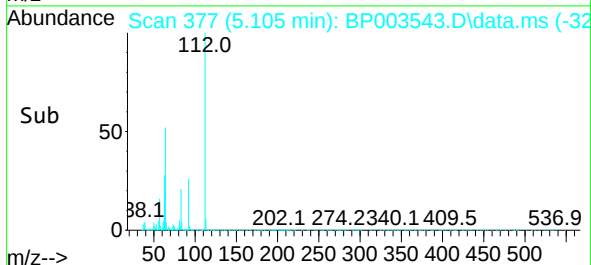
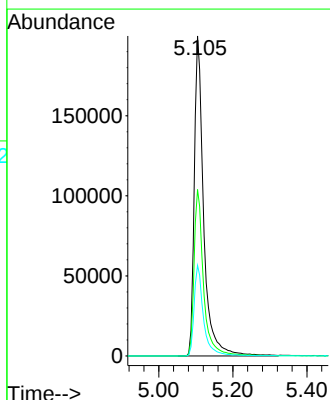
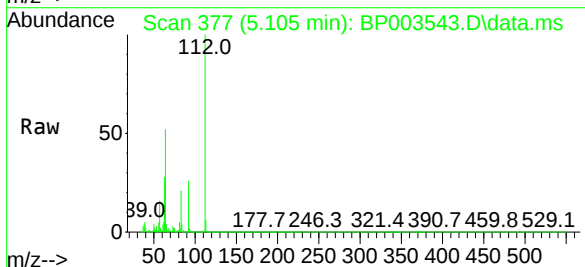
Instrument :
BNA_P
ClientSampleId :
MW-06

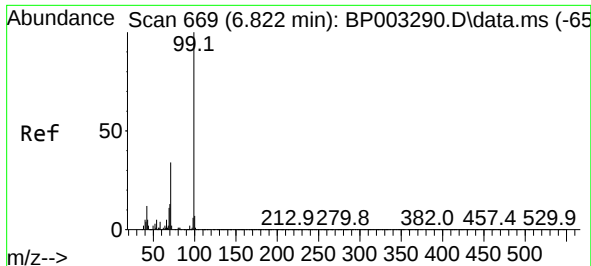
Tgt Ion:152 Resp: 88764
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 64.2 43.8 65.6



#5
2-Fluorophenol
Concen: 69.41 ng
RT: 5.105 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:112 Resp: 352854
Ion Ratio Lower Upper
112 100
64 52.0 32.8 49.2#
63 28.3 17.0 25.4#

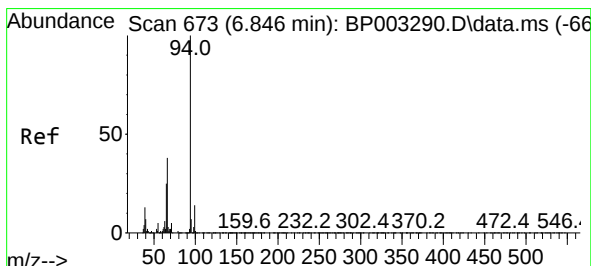
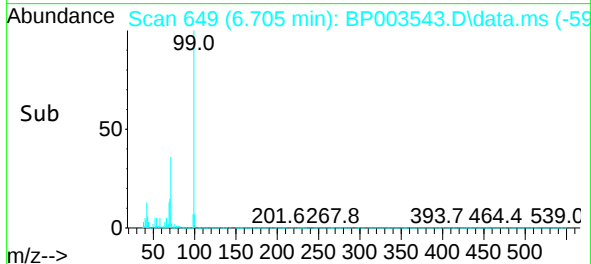
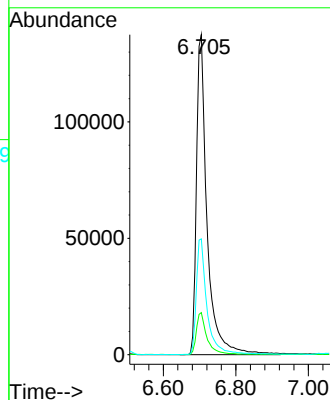
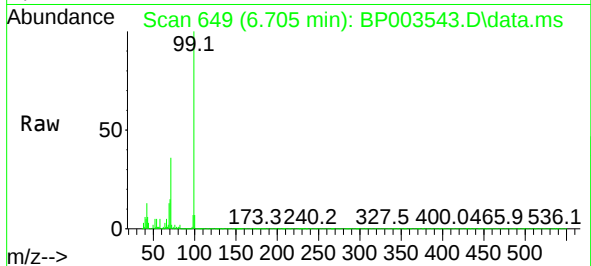




#7
Phenol-d6
Concen: 41.25 ng
RT: 6.705 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

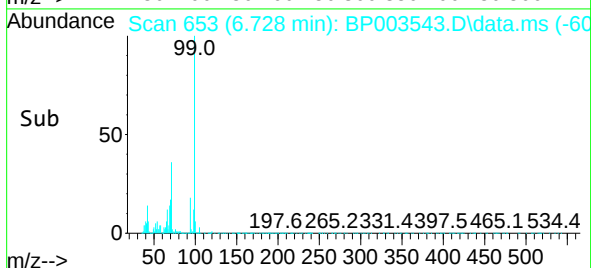
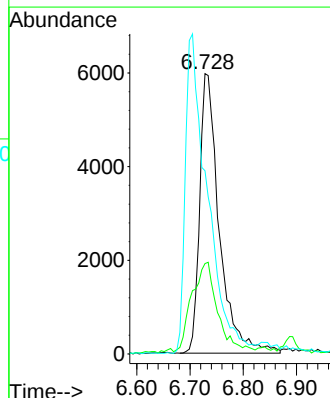
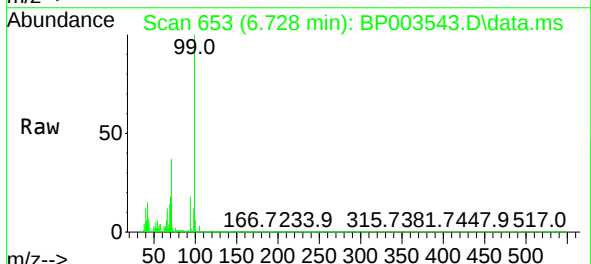
Instrument :
BNA_P
ClientSampleId :
MW-06

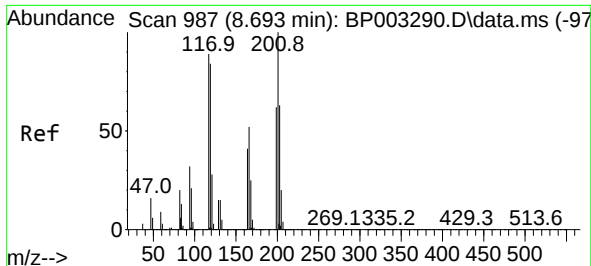
Tgt Ion: 99 Resp: 279535
Ion Ratio Lower Upper
99 100
42 13.2 8.6 13.0#
71 36.2 23.4 35.2#



#10
Phenol
Concen: 2.35 ng
RT: 6.728 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion: 94 Resp: 15217
Ion Ratio Lower Upper
94 100
65 32.3 2.3 42.3
66 65.4 10.9 50.9#

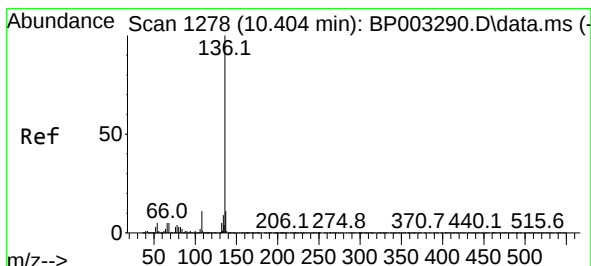
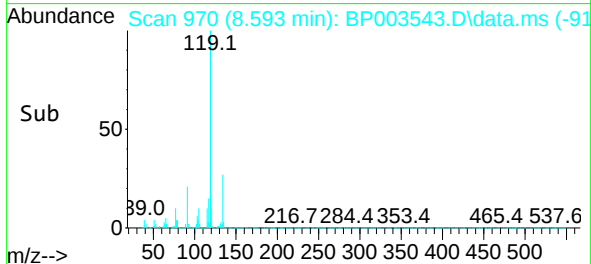
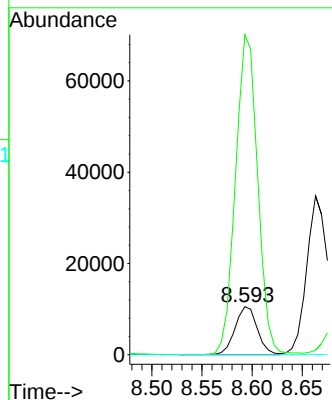
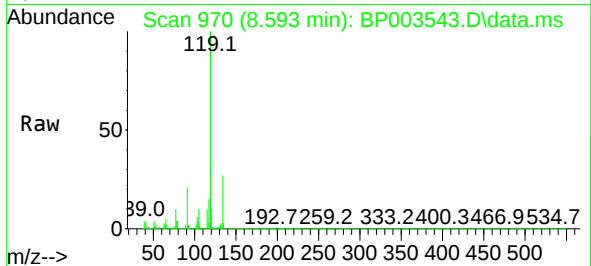




#18
Hexachloroethane
Concen: 6.39 ng
RT: 8.593 min Scan# 970
Delta R.T. 0.030 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

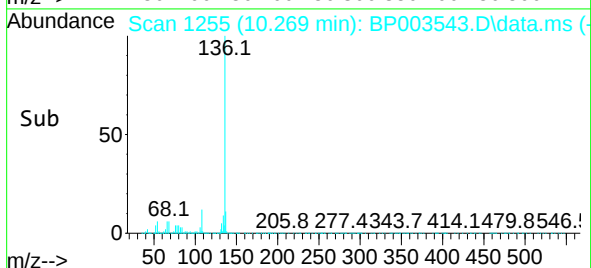
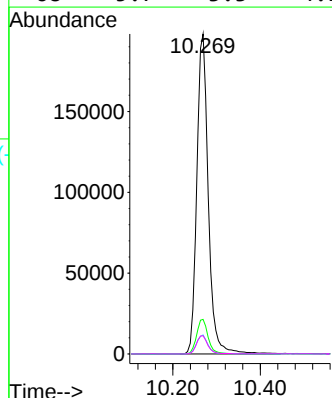
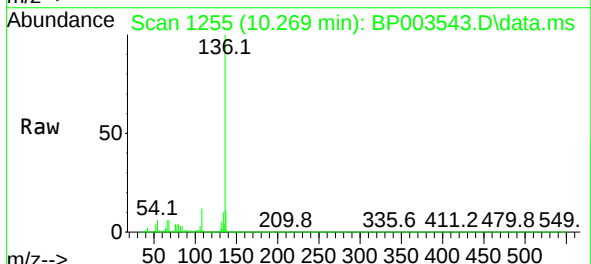
Instrument :
BNA_P
ClientSampleId :
MW-06

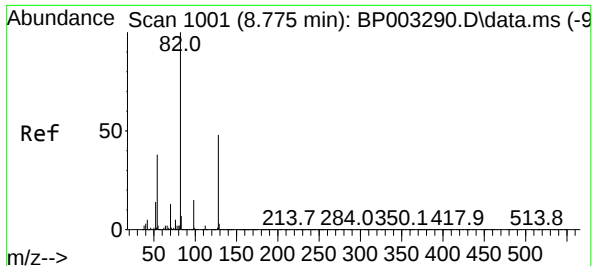
Tgt Ion:117 Resp: 16305
Ion Ratio Lower Upper
117 100
119 666.5 78.8 118.2#
201 0.1 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:136 Resp: 361434
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.0 3.6 5.4#
68 5.7 3.3 4.9#

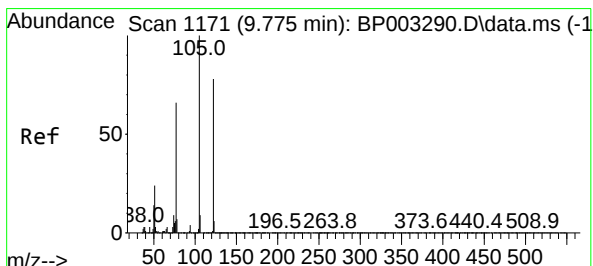
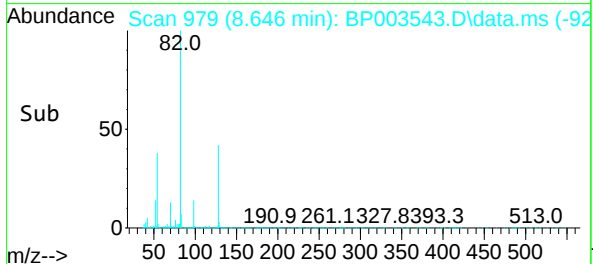
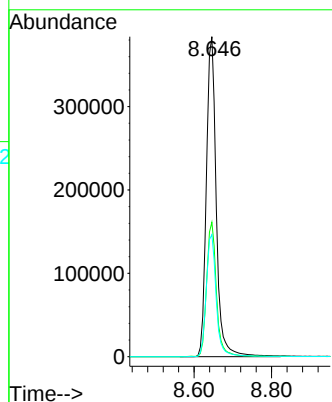
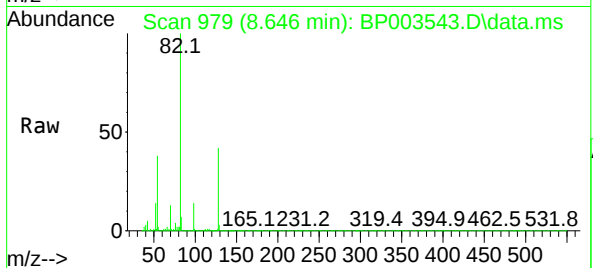




#23
Nitrobenzene-d5
Concen: 110.80 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

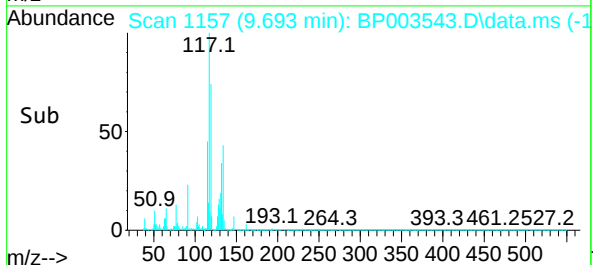
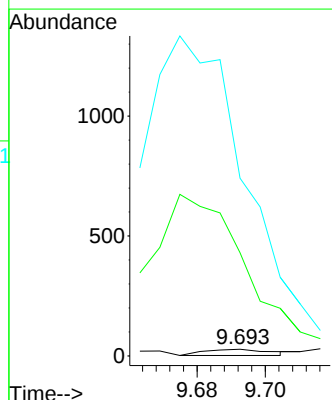
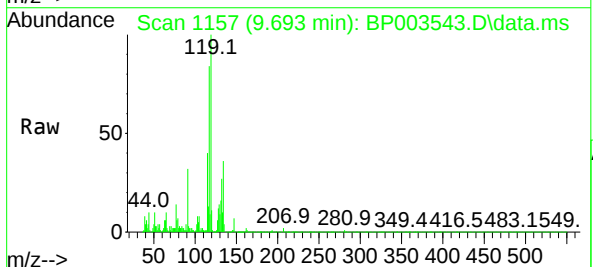
Instrument :
BNA_P
ClientSampleId :
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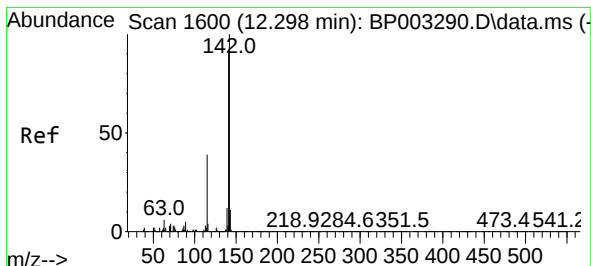
Tgt Ion: 82 Resp: 681645
Ion Ratio Lower Upper
82 100
128 42.0 45.6 68.4#
54 38.2 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.693 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion: 122 Resp: 35
Ion Ratio Lower Upper
122 100
105 1535.7 94.1 134.1#
77 2646.4 50.1 90.1#

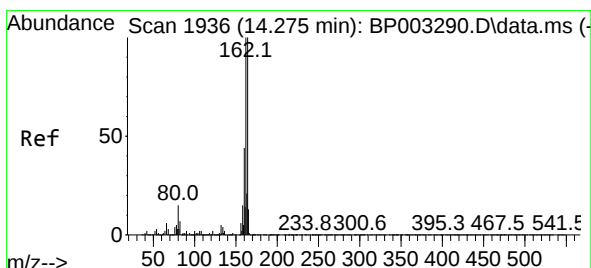
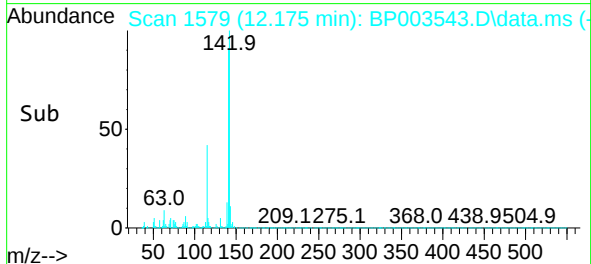
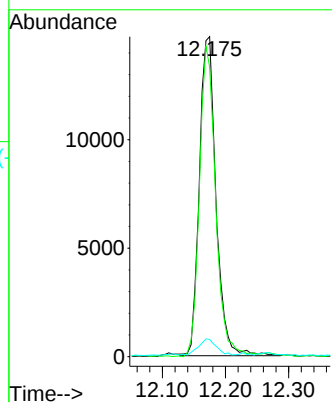
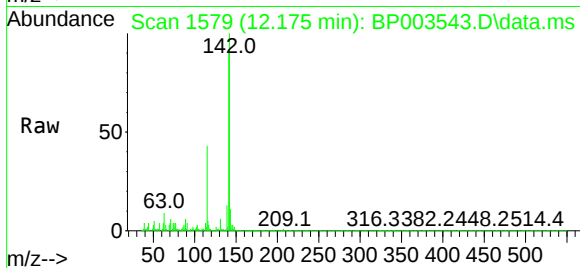




#38
1-Methylnaphthalene
Concen: 2.05 ng
RT: 12.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

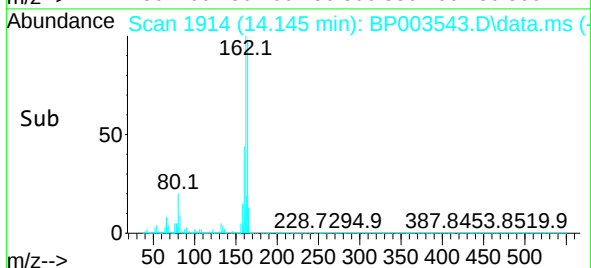
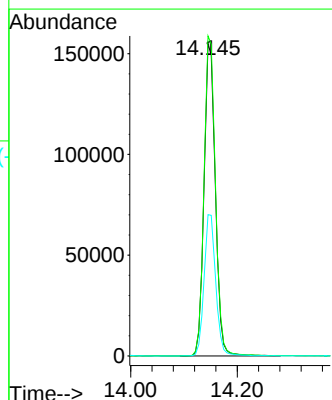
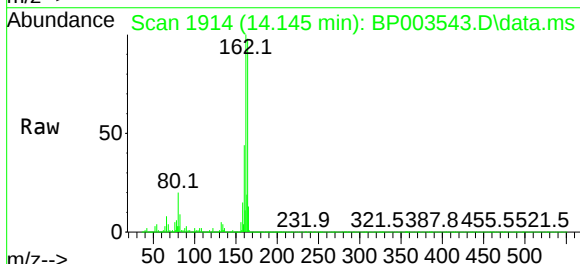
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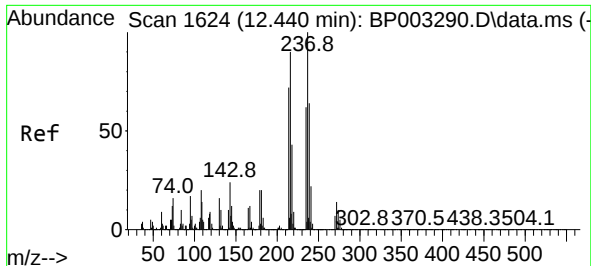
Tgt Ion:142 Resp: 26919
Ion Ratio Lower Upper
142 100
141 90.5 74.4 111.6
116 5.4 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.145 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:164 Resp: 228198
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 45.2 36.1 54.1

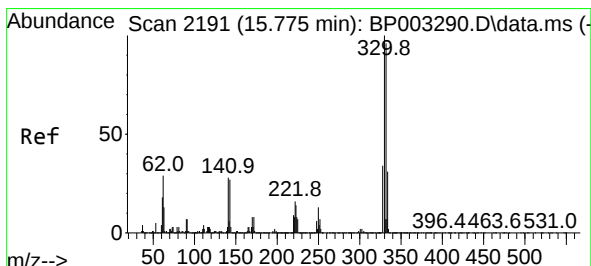
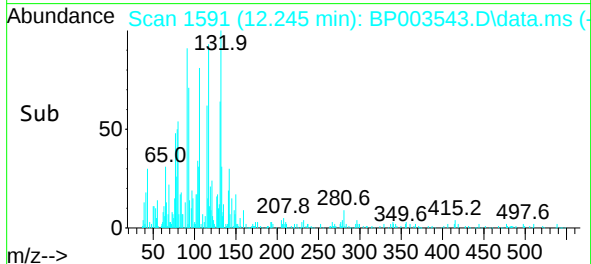
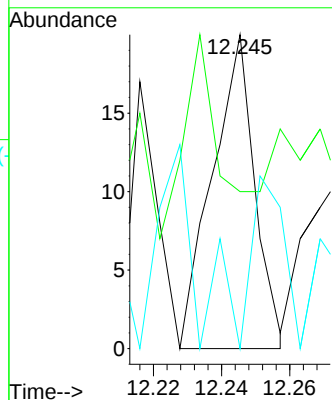
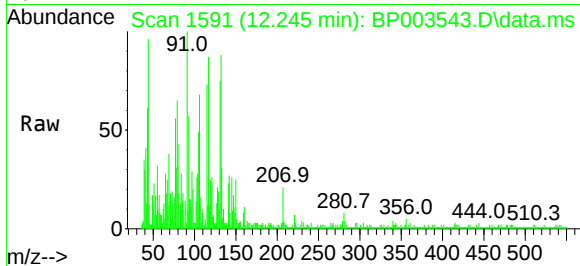




#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.245 min Scan# 1591
Delta R.T. -0.070 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

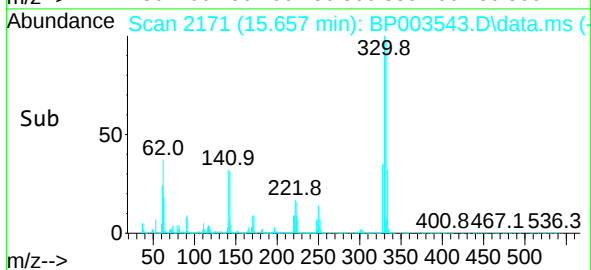
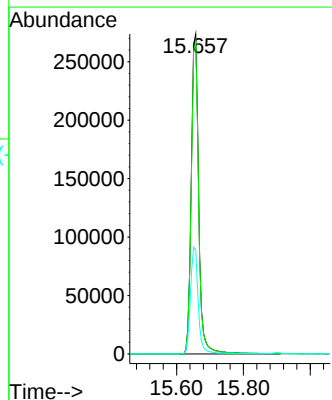
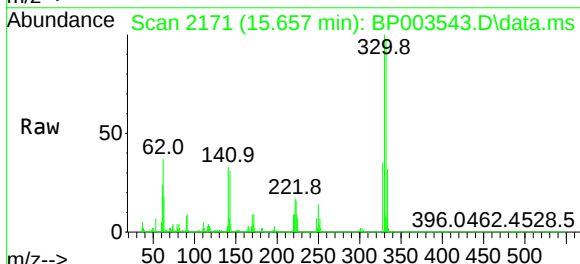
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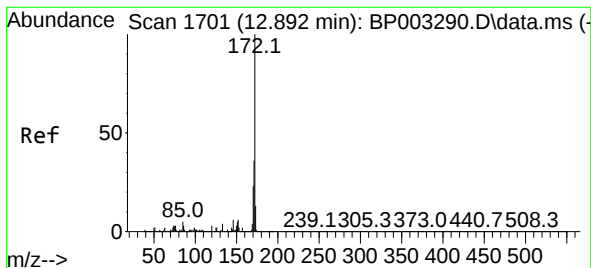
Tgt Ion:	237	Resp:	17
Ion	Ratio	Lower	Upper
237	100		
235	50.0	43.2	83.2
272	0.0	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 122.38 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:	330	Resp:	425939
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	34.8	23.4	35.2

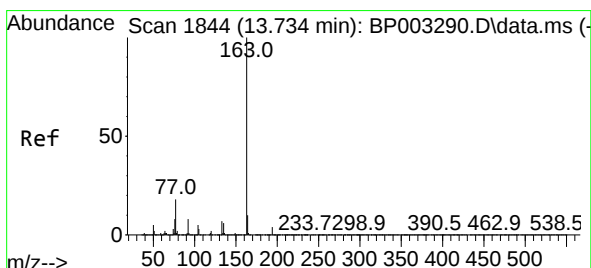
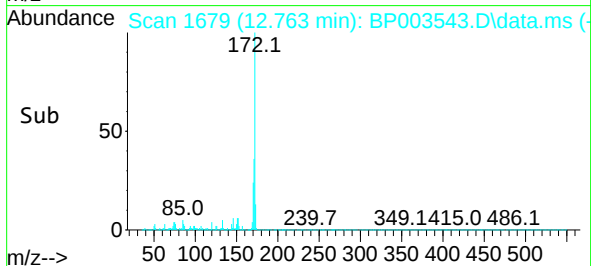
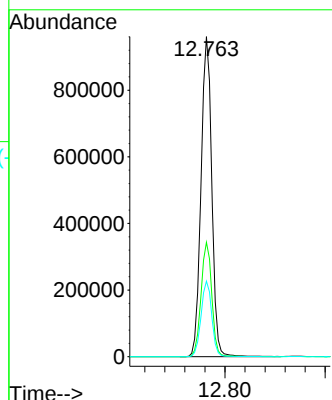
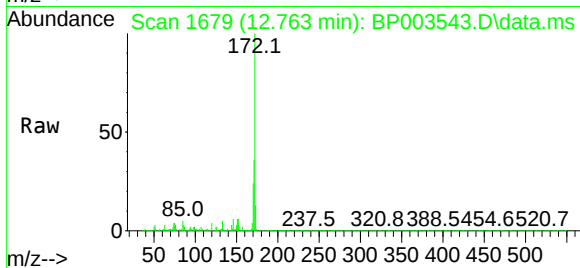




#45
2-Fluorobiphenyl
Concen: 91.59 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

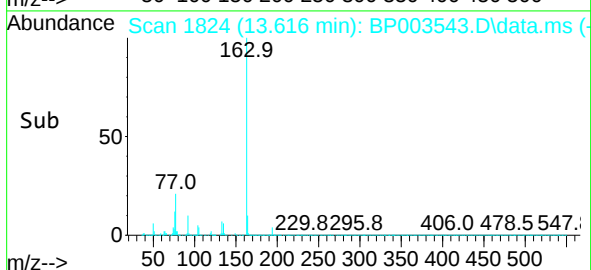
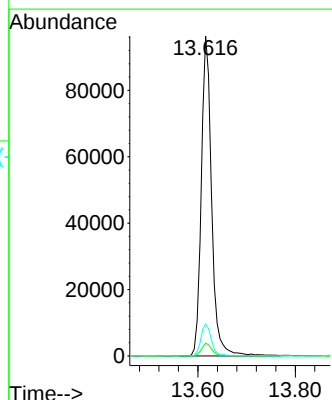
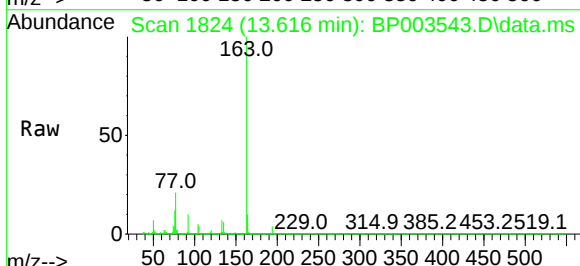
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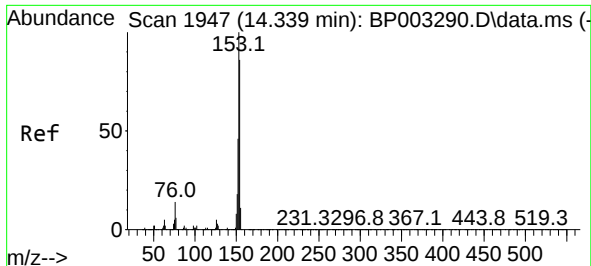
Tgt Ion:172 Resp: 1429087
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 7.79 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:163 Resp: 141990
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.2

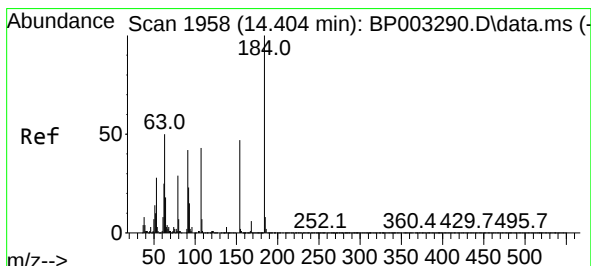
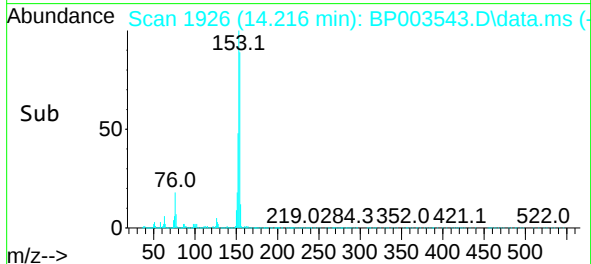
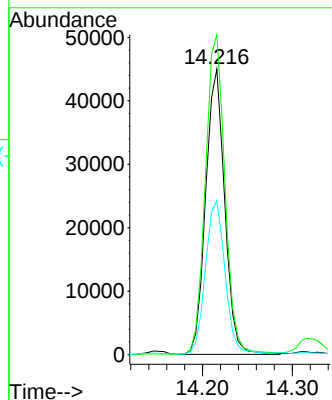
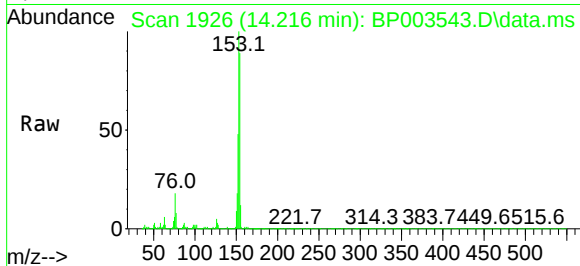




#52
Acenaphthene
Concen: 5.05 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

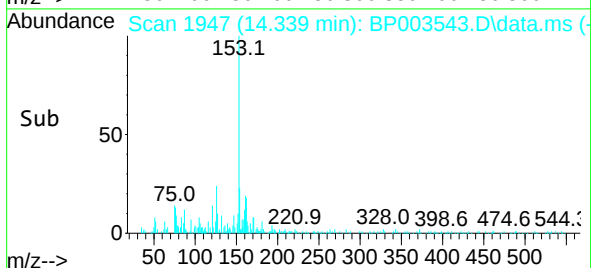
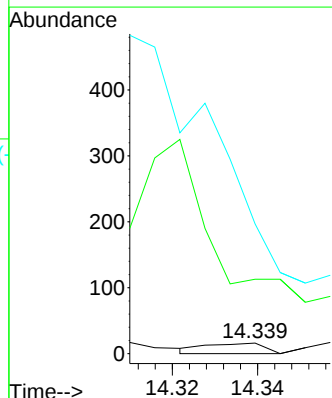
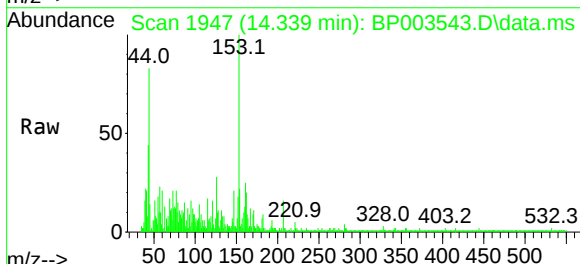
Instrument :
BNA_P
ClientSampleId :
MW-06

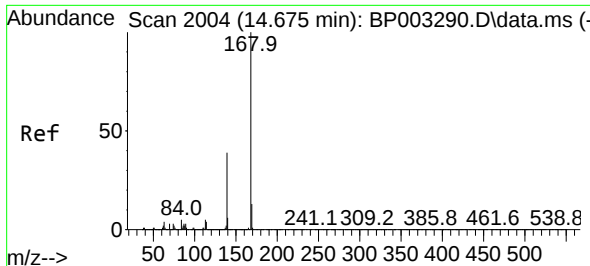
Tgt Ion:154 Resp: 66166
Ion Ratio Lower Upper
154 100
153 112.1 91.0 136.6
152 54.0 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.339 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 706.3 32.3 48.5#
154 1231.3 49.1 73.7#

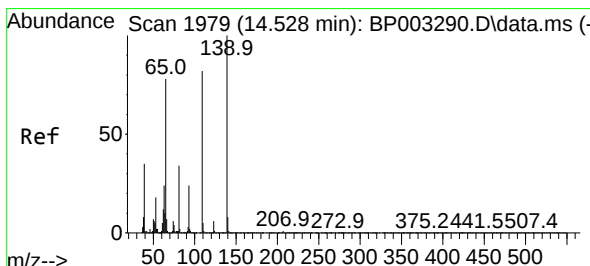
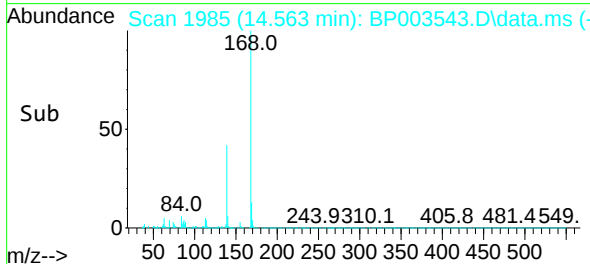
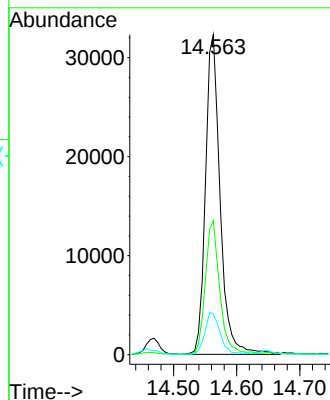
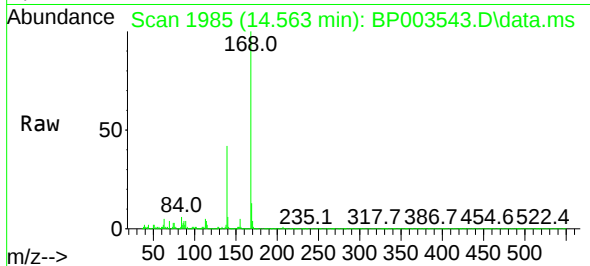




#55
Dibenzenofuran
Concen: 2.49 ng
RT: 14.563 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

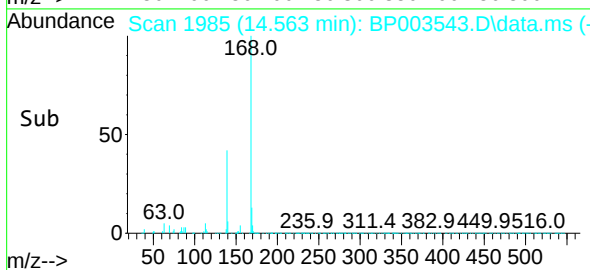
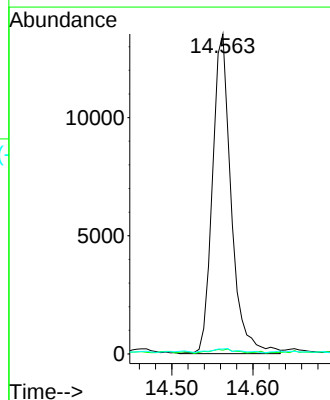
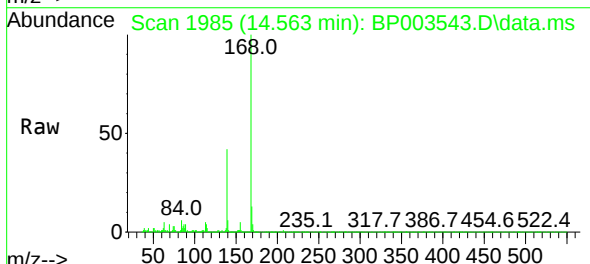
Instrument :
BNA_P
ClientSampleId :
MW-06

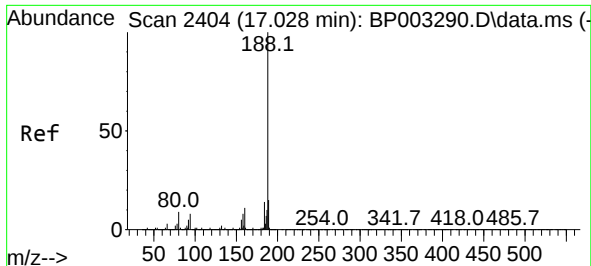
Tgt Ion:168 Resp: 52044
Ion Ratio Lower Upper
168 100
139 41.9 29.1 43.7
169 12.7 10.4 15.6



#56
4-Nitrophenol
Concen: 8.38 ng
RT: 14.563 min Scan# 1985
Delta R.T. 0.112 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:139 Resp: 21671
Ion Ratio Lower Upper
139 100
109 1.2 44.6 84.6#
65 1.6 41.6 81.6#

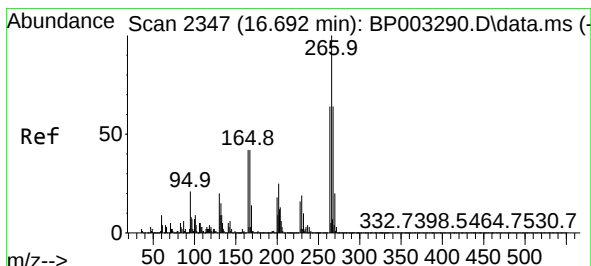
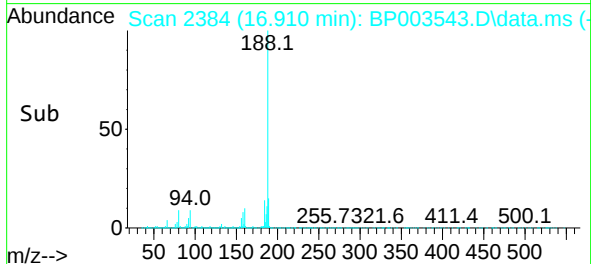
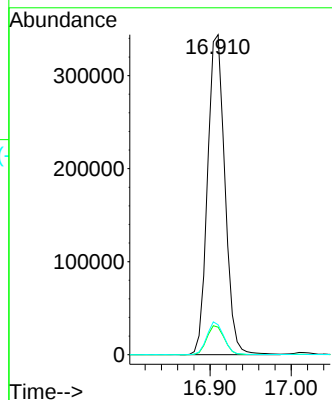
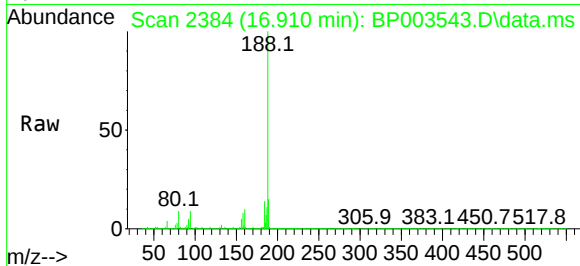




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

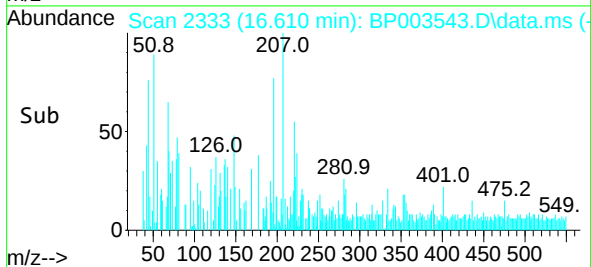
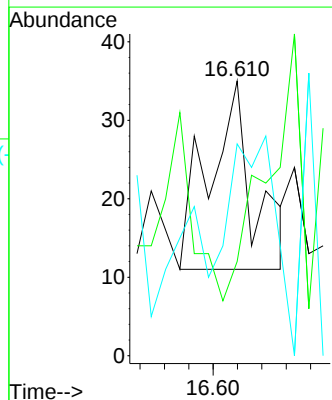
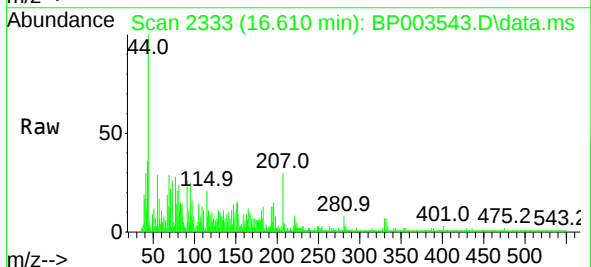
Instrument :
BNA_P
ClientSampleId :
MW-06

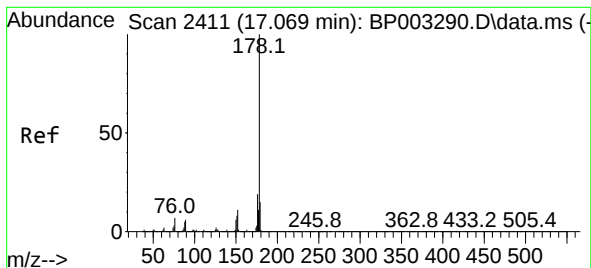
Tgt Ion:188 Resp: 508887
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.4 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.610 min Scan# 2333
Delta R.T. 0.018 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
268 34.3 51.1 76.7#
264 77.1 50.6 76.0#

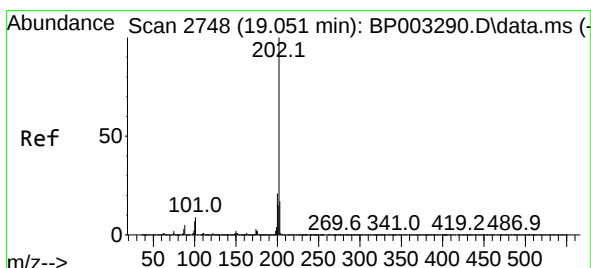
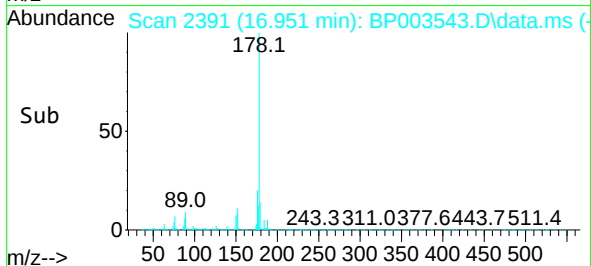
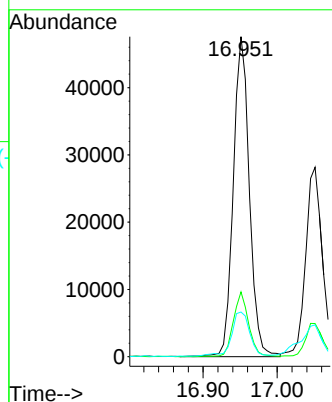
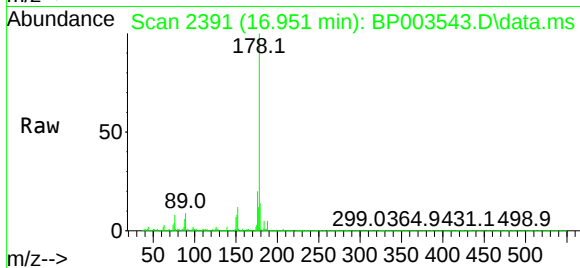




#71
Phenanthrene
Concen: 2.59 ng
RT: 16.951 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

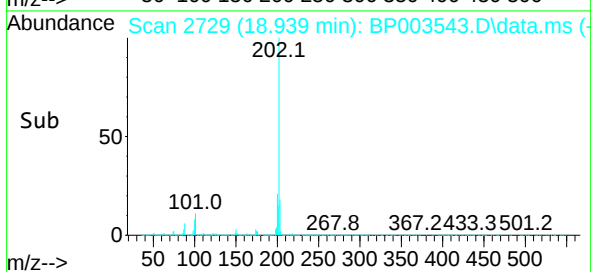
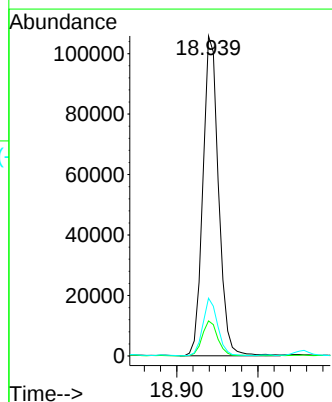
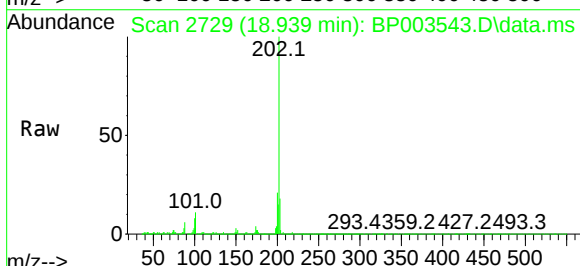
Instrument :
BNA_P
ClientSampled :
MW-06

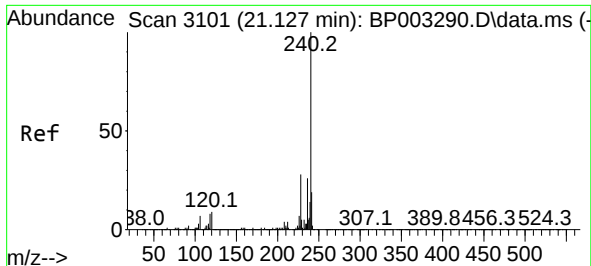
Tgt Ion:178 Resp: 71682
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 14.0 12.5 18.7



#75
Fluoranthene
Concen: 4.06 ng
RT: 18.939 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:202 Resp: 141482
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.4
203 18.1 0.0 37.8

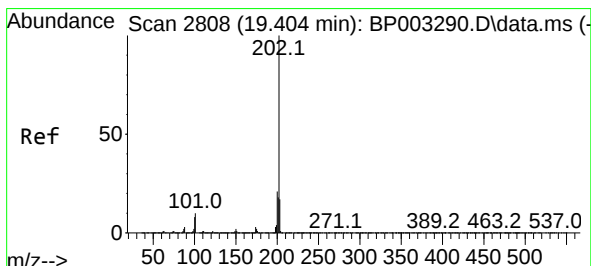
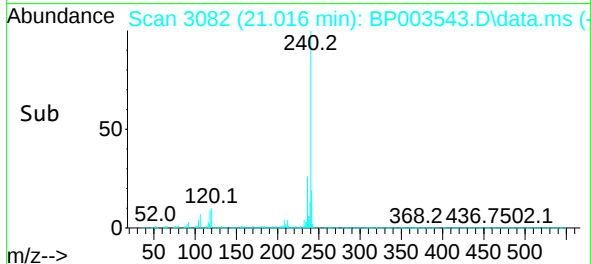
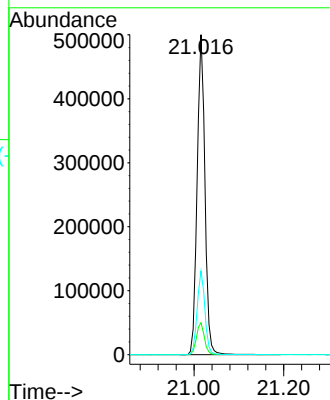
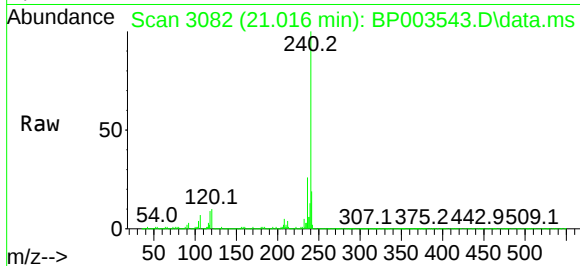




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

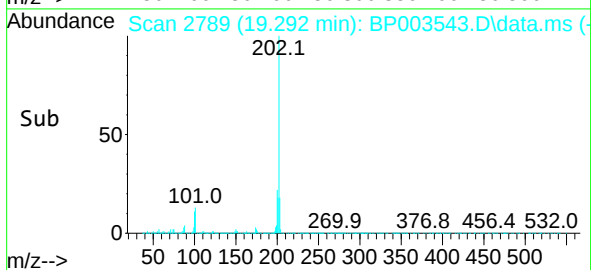
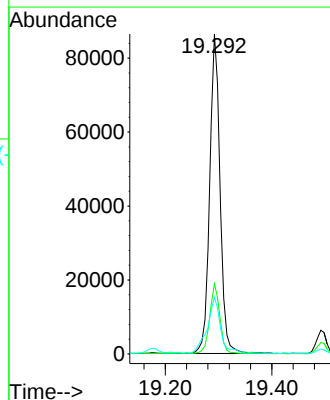
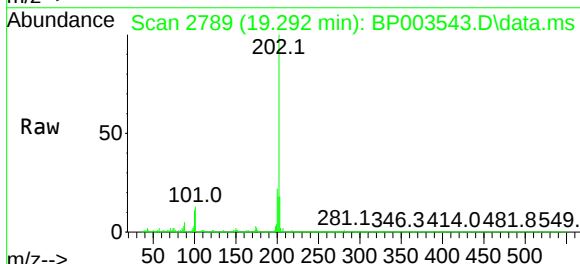
Instrument :
BNA_P
ClientSampleId :
MW-06

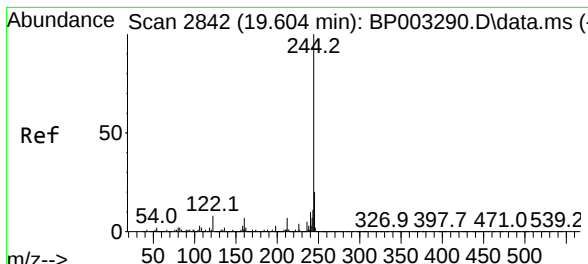
Tgt Ion:240 Resp: 602132
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 26.1 20.8 31.2



#78
Pyrene
Concen: 3.11 ng
RT: 19.292 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP003543.D
Acq: 07 Oct 2020 06:08

Tgt Ion:202 Resp: 116617
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.6 14.2 21.2

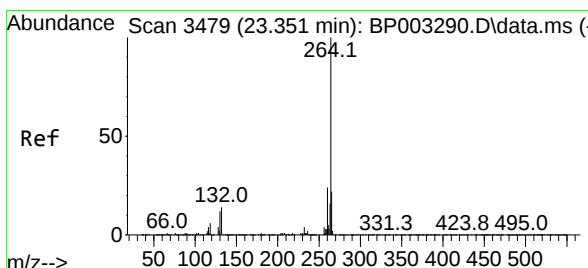
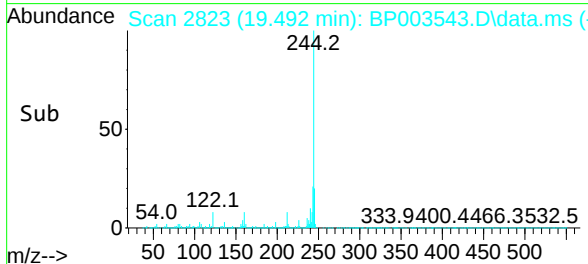
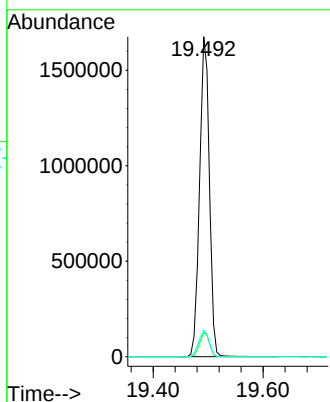
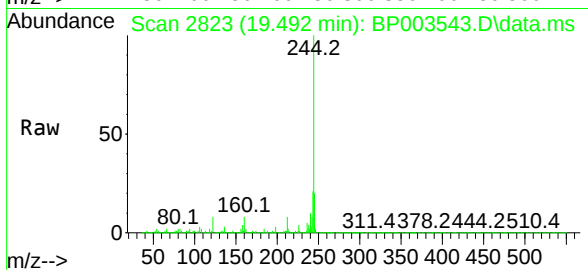




#79
 Terphenyl-d14
 Concen: 71.67 ng
 RT: 19.492 min Scan# 2823
 Delta R.T. -0.012 min
 Lab File: BP003543.D
 Acq: 07 Oct 2020 06:08

Instrument :
 BNA_P
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 2071271
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.180 min Scan# 3450
 Delta R.T. -0.018 min
 Lab File: BP003543.D
 Acq: 07 Oct 2020 06:08

Tgt Ion:264 Resp: 640345
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.4 26.2

