

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
 Data File : BP003498.D
 Acq On : 05 Oct 2020 19:37
 Operator : CG/JU
 Sample : L4242-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-0-10

Quant Time: Oct 06 04:19:31 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)

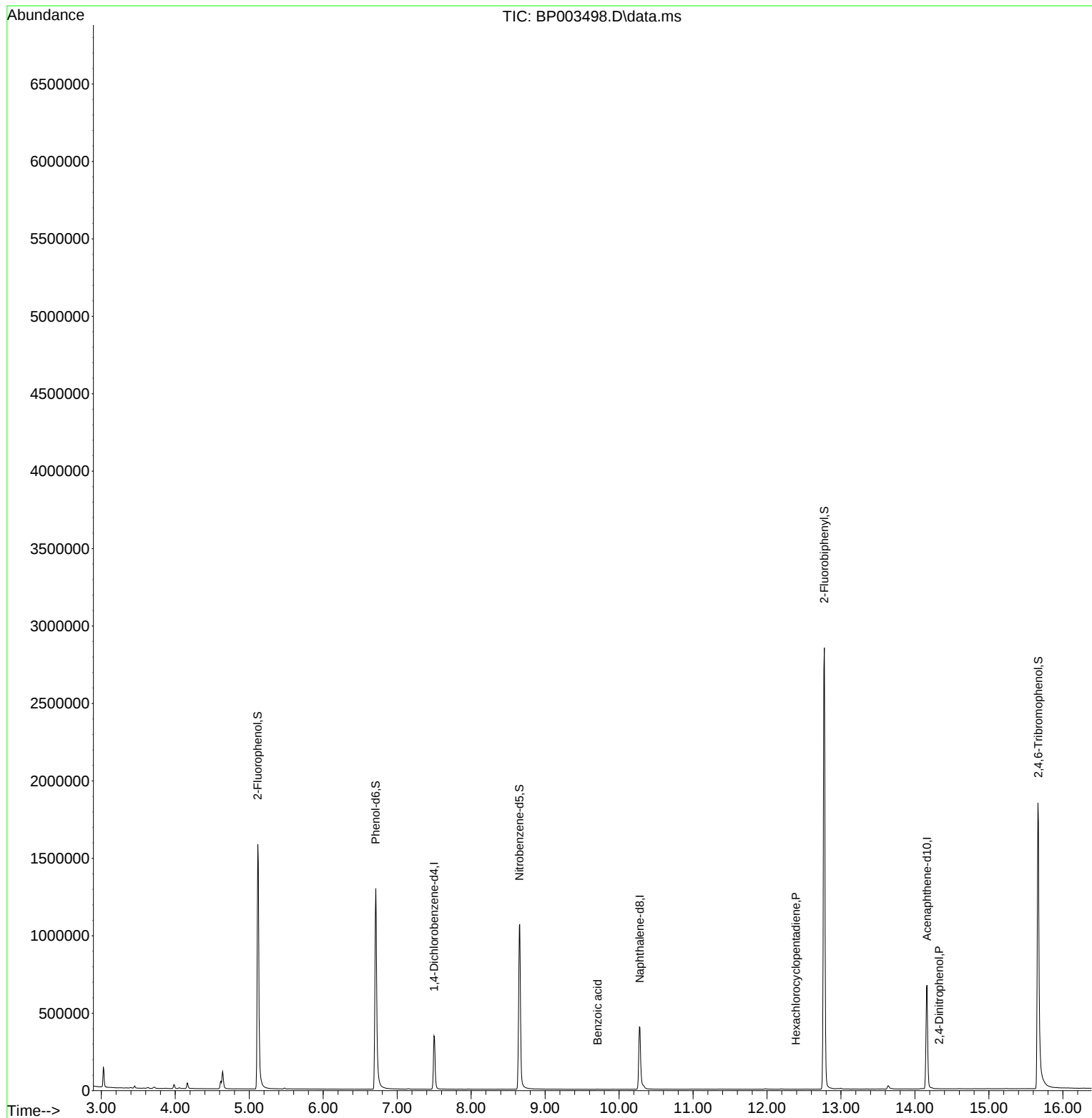
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	95710	20.00	ng	# 0.00
21) Naphthalene-d8	10.281	136	383450	20.00	ng	# 0.00
39) Acenaphthene-d10	14.163	164	239370	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	533503	20.00	ng	# 0.00
76) Chrysene-d12	21.027	240	599060	20.00	ng	0.00
86) Perylene-d12	23.198	264	548146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.117	112	779836	142.27	ng	0.00
7) Phenol-d6	6.711	99	906269	124.04	ng	0.00
23) Nitrobenzene-d5	8.652	82	718666	110.11	ng	0.00
42) 2,4,6-Tribromophenol	15.669	330	437172	119.74	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	1512593	92.42	ng	0.00
79) Terphenyl-d14	19.504	244	2436819	84.75	ng	0.00
Target Compounds						
32) Benzoic acid	9.710	122	37	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.393	237	10	6.84	ng	87
54) 2,4-Dinitrophenol	14.328	184	31	7.27	ng	# 72
70) Pentachlorophenol	16.592	266	20	6.78	ng	92

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

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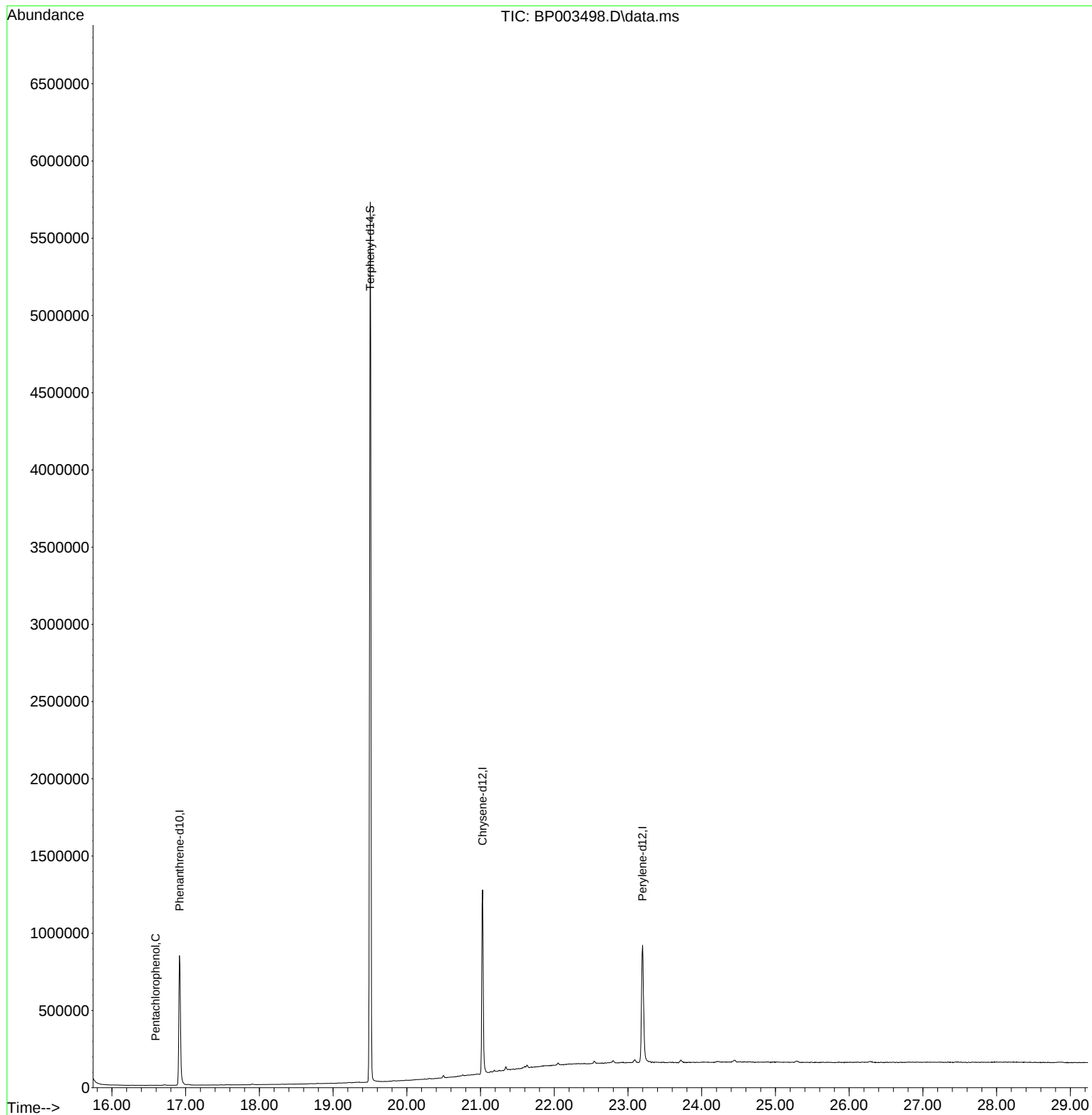
Quant Time: Oct 06 04:19:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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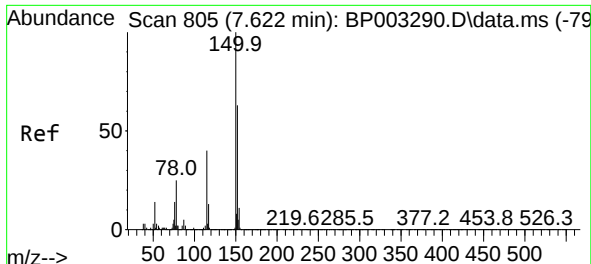


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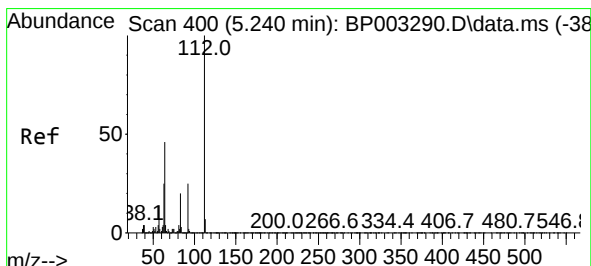
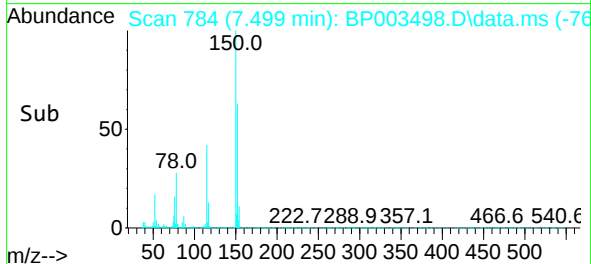
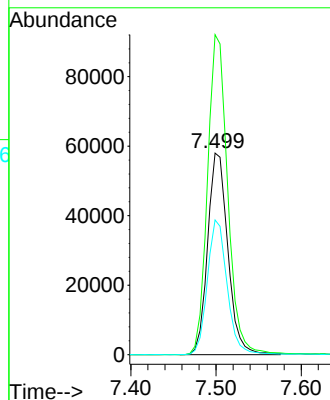
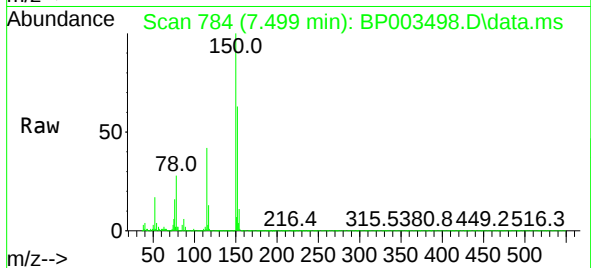




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

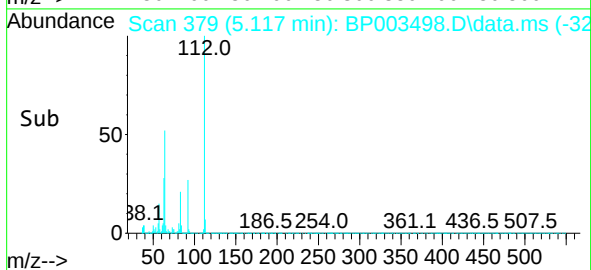
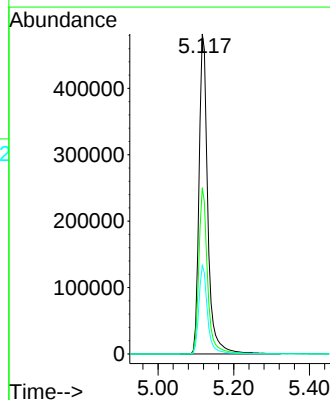
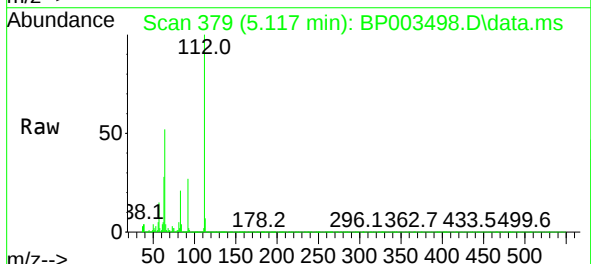
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-0-10

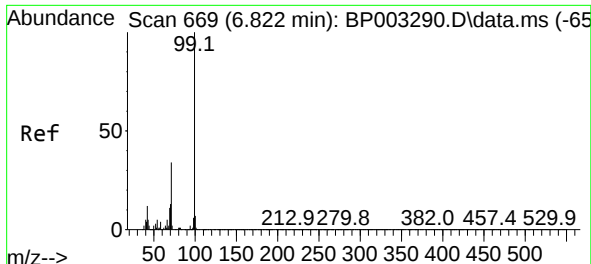
Tgt Ion:152 Resp: 95710
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 66.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 142.27 ng
RT: 5.117 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion:112 Resp: 779836
Ion Ratio Lower Upper
112 100
64 51.9 32.8 49.2#
63 27.7 17.0 25.4#

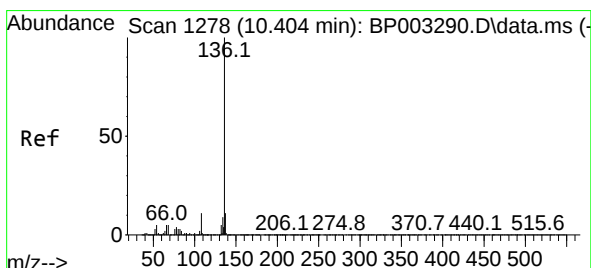
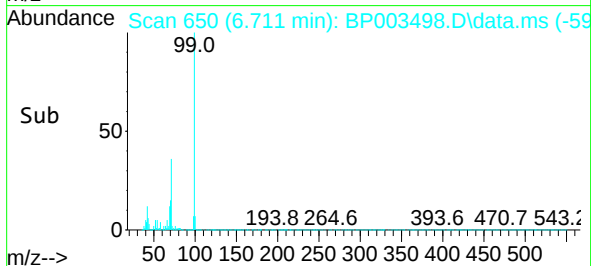
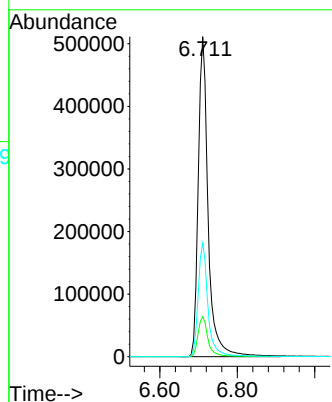
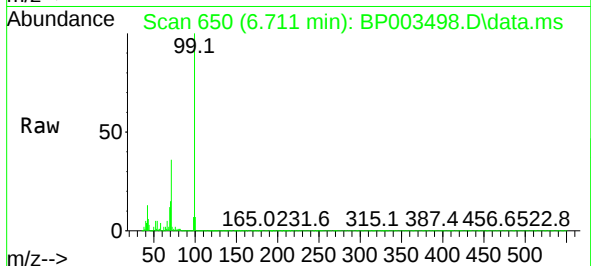




#7
Phenol-d6
Concen: 124.04 ng
RT: 6.711 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

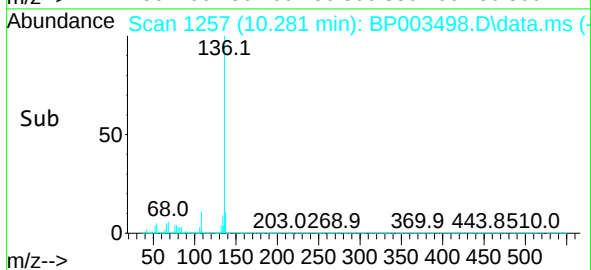
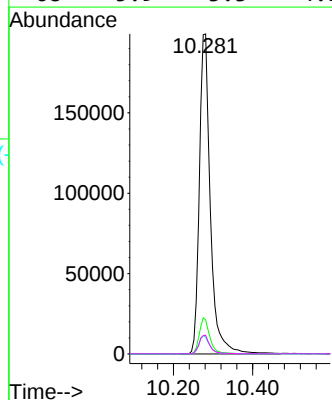
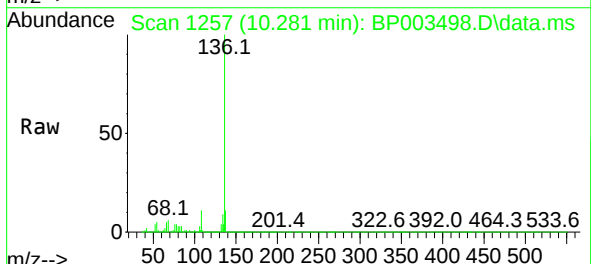
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-0-10

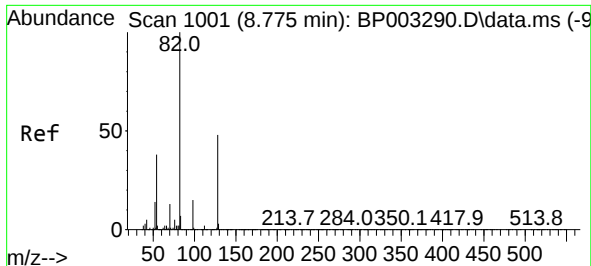
Tgt Ion: 99 Resp: 906269
Ion Ratio Lower Upper
99 100
42 12.5 8.6 13.0
71 35.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.281 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion:136 Resp: 383450
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.3 3.6 5.4
68 5.9 3.3 4.9#

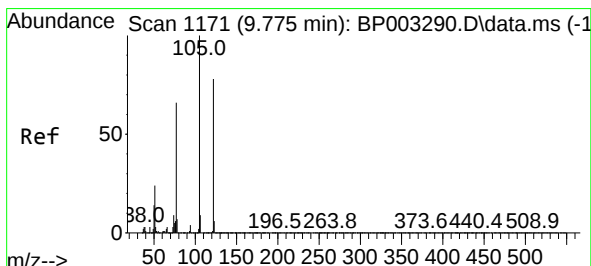
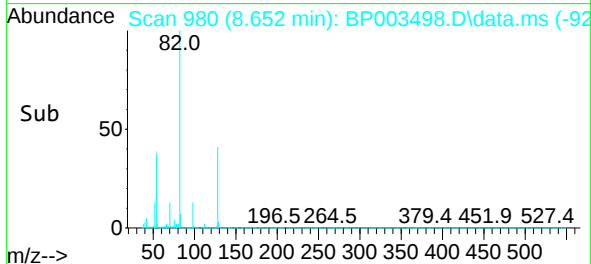
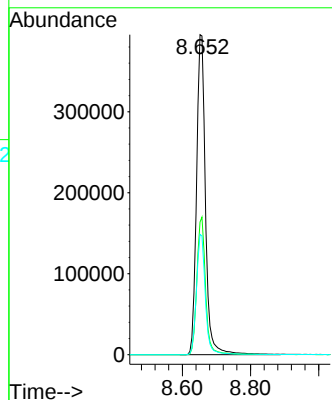
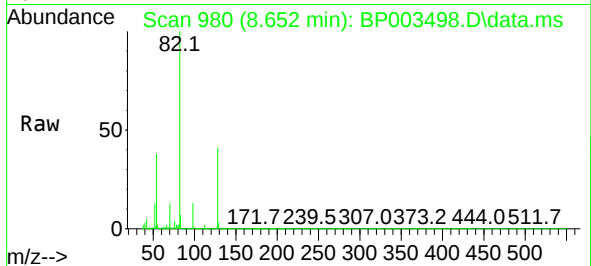




#23
Nitrobenzene-d5
Concen: 110.11 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

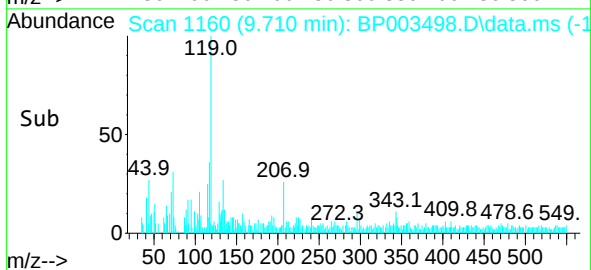
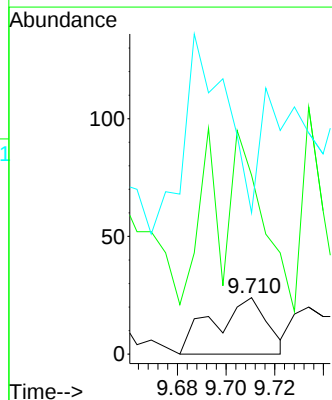
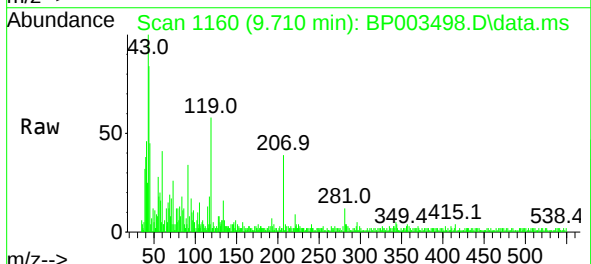
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-0-10

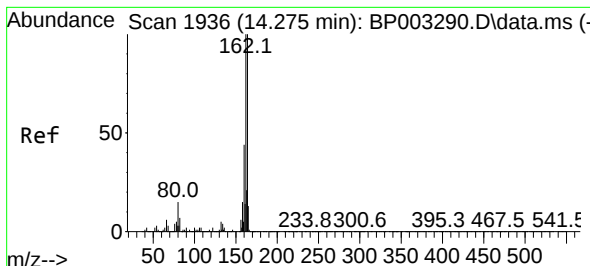
Tgt Ion: 82 Resp: 718666
Ion Ratio Lower Upper
82 100
128 41.5 45.6 68.4#
54 37.6 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.710 min Scan# 1160
Delta R.T. 0.018 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 383.3 94.1 134.1#
77 250.0 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.163 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BP003498.D

Acq: 05 Oct 2020 19:37

Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-0-10

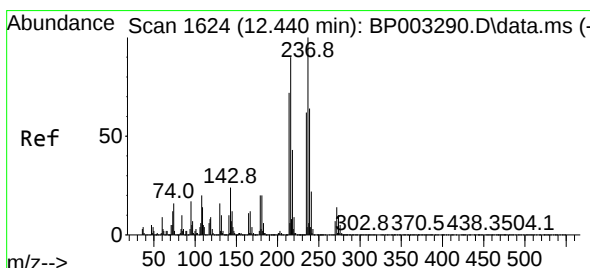
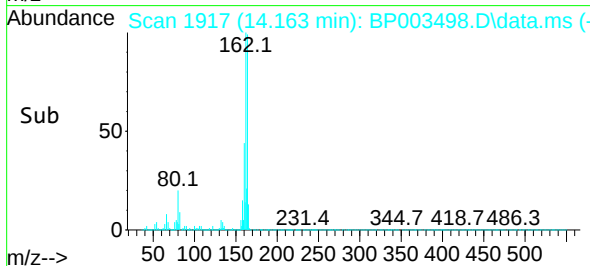
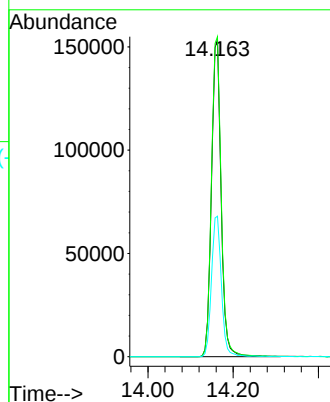
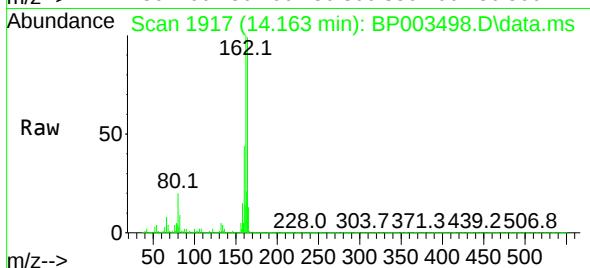
Tgt Ion:164 Resp: 239370

Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.2

160 44.3 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.393 min Scan# 1616

Delta R.T. 0.077 min

Lab File: BP003498.D

Acq: 05 Oct 2020 19:37

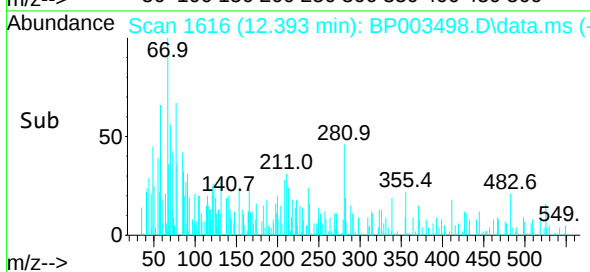
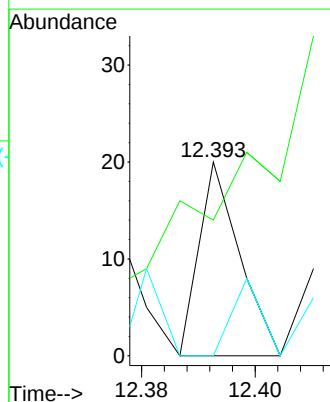
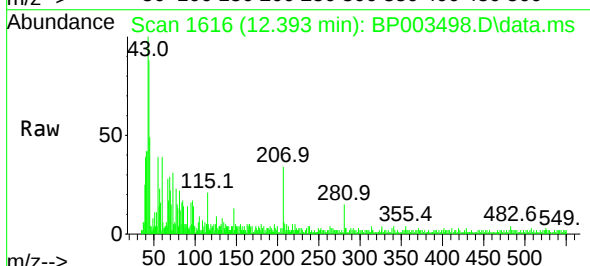
Tgt Ion:237 Resp: 10

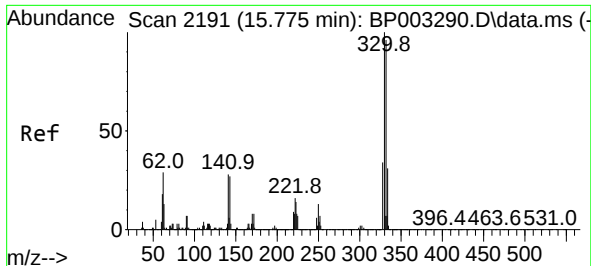
Ion Ratio Lower Upper

237 100

235 70.0 43.2 83.2

272 0.0 0.0 33.3

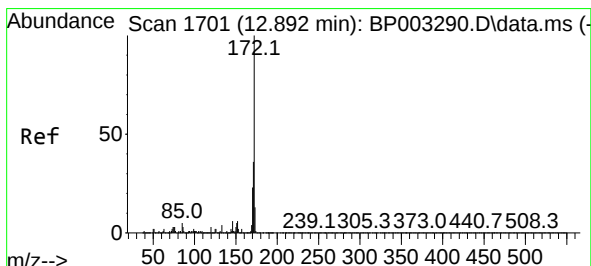
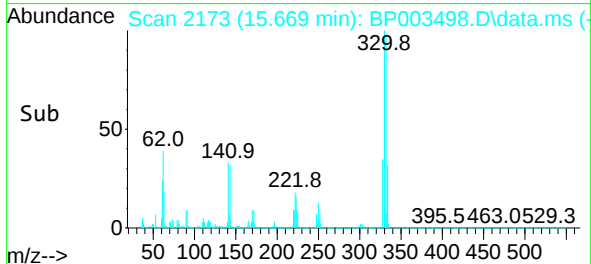
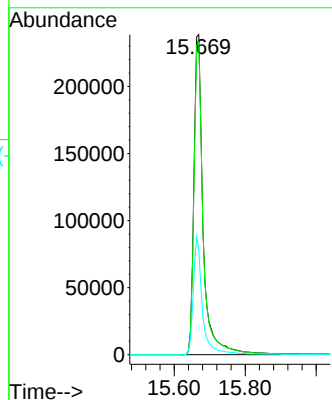
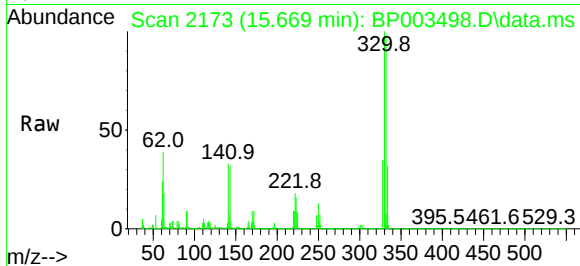




#42
2,4,6-Tribromophenol
Concen: 119.74 ng
RT: 15.669 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

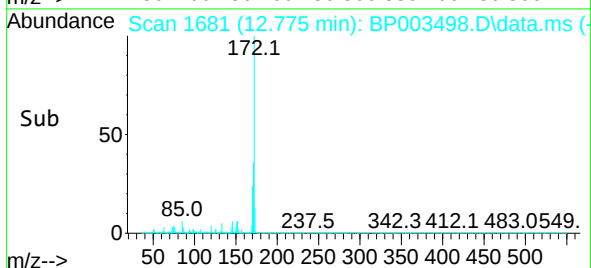
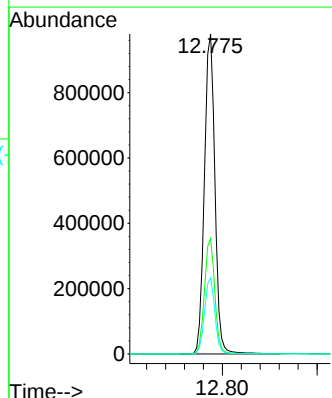
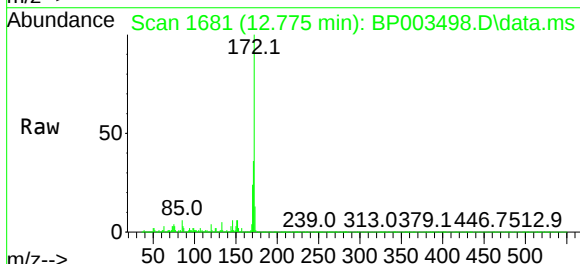
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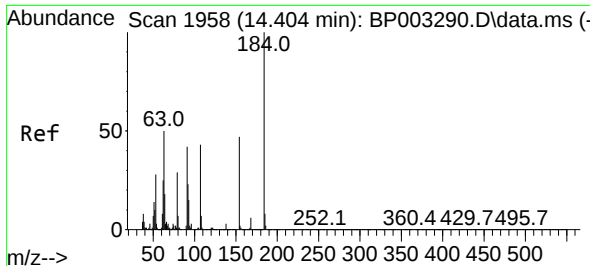
Tgt Ion:330 Resp: 437172
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 35.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 92.42 ng
RT: 12.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion:172 Resp: 1512593
Ion Ratio Lower Upper
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171 36.1 28.5 42.7
170 23.8 19.2 28.8

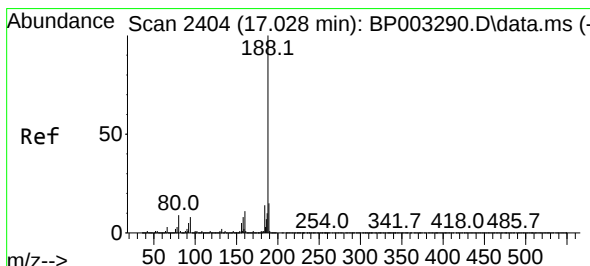
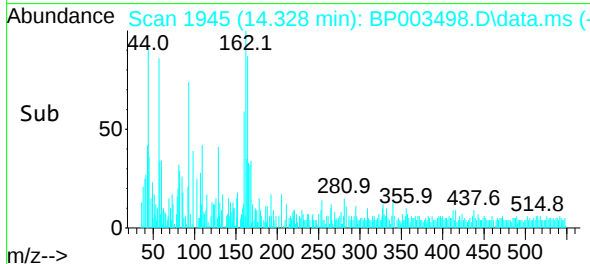
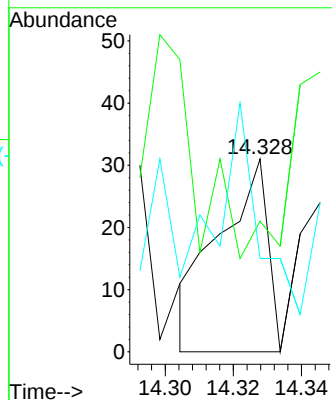
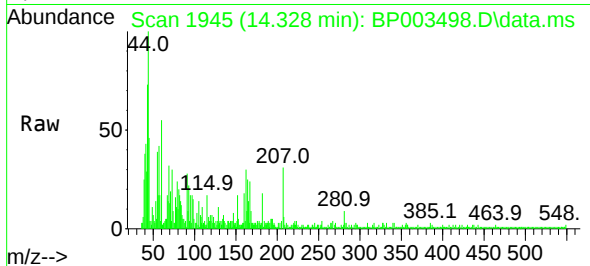




#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.328 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

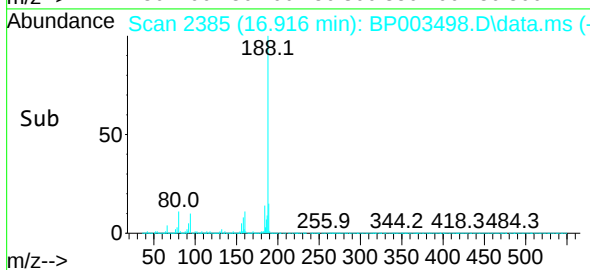
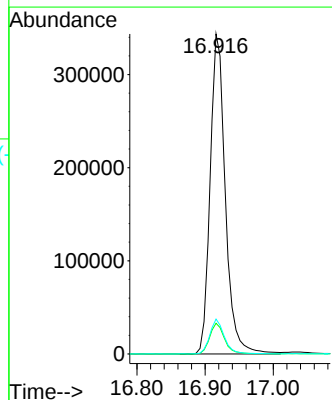
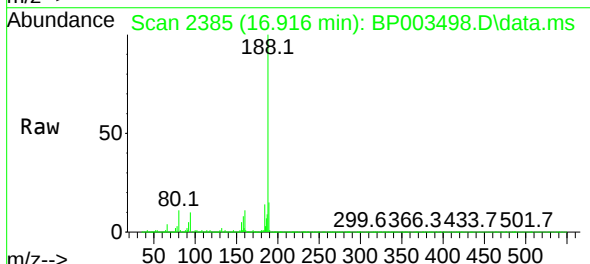
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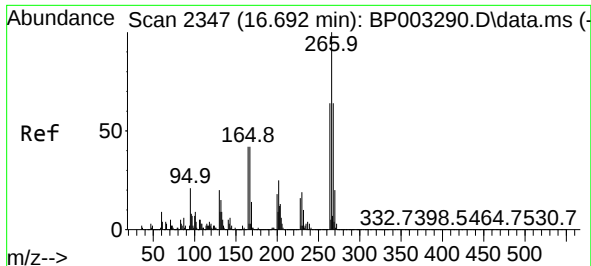
Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 67.7 32.3 48.5#
154 48.4 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion:188 Resp: 533503
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 10.9 6.2 9.2#

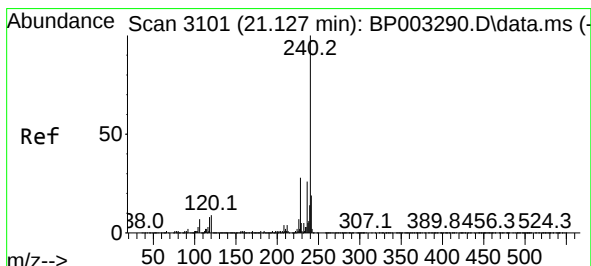
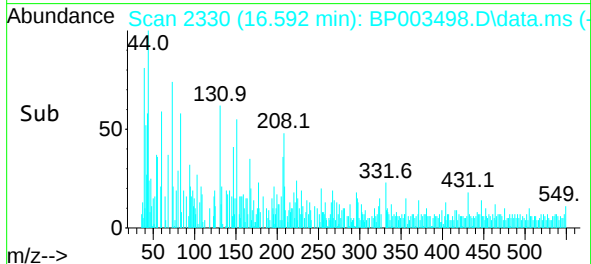
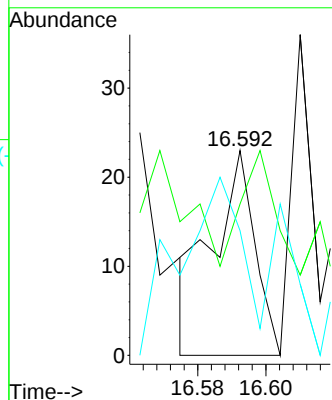
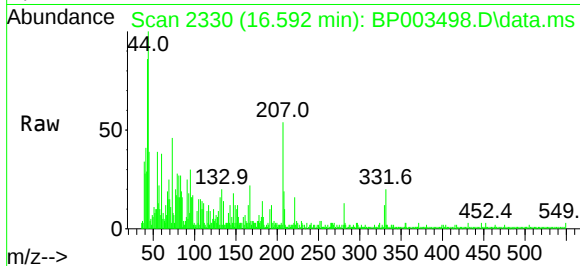




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.592 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

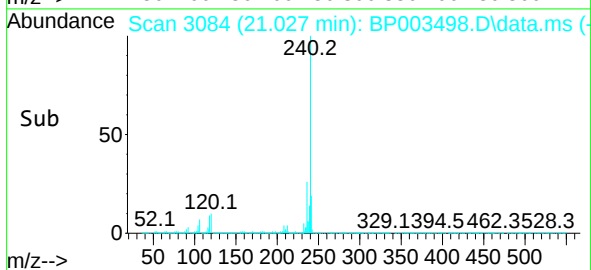
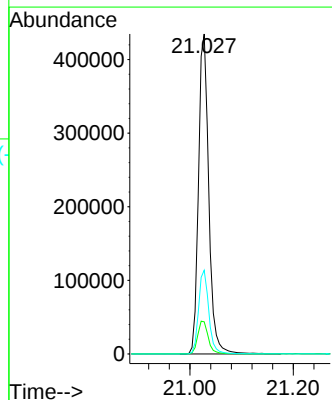
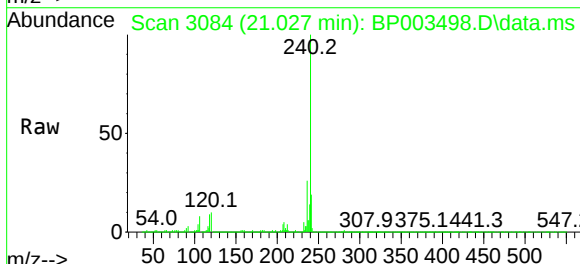
Instrument :
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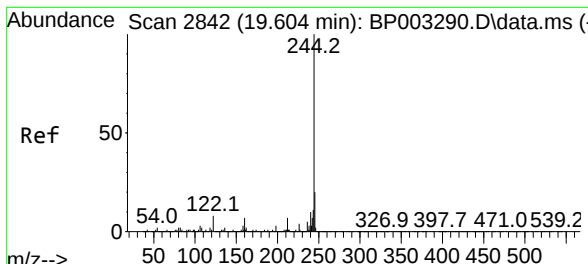
Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
268 73.9 51.1 76.7
264 60.9 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP003498.D
Acq: 05 Oct 2020 19:37

Tgt Ion:240 Resp: 599060
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 26.2 20.8 31.2



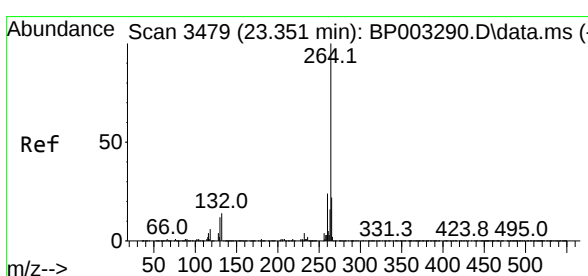
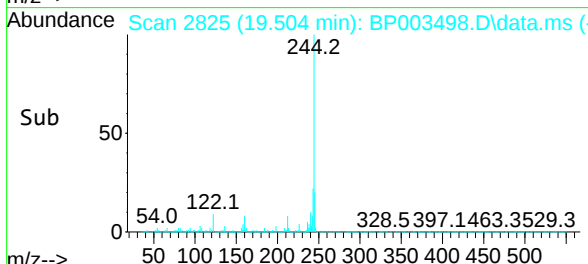
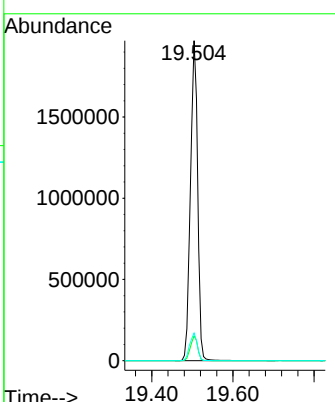
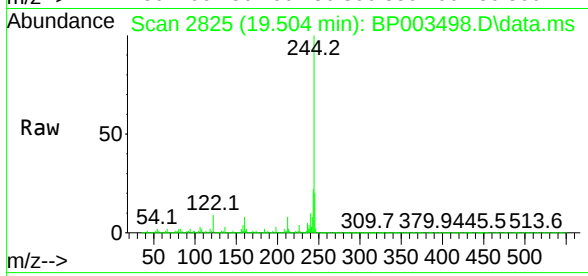


#79
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 19.504 min Scan# 2825
 Delta R.T. 0.000 min
 Lab File: BP003498.D
 Acq: 05 Oct 2020 19:37

Instrument :
 BNA_P
ClientSampleId :
 PAV-B24-100120-0-10

Tgt Ion:244 Resp: 2436819

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.7	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.198 min Scan# 3453
 Delta R.T. 0.000 min
 Lab File: BP003498.D
 Acq: 05 Oct 2020 19:37

Tgt Ion:264 Resp: 548146

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.5	17.4	26.2

