

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
 Data File : BP003500.D
 Acq On : 05 Oct 2020 20:45
 Operator : CG/JU
 Sample : L4242-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-DP

Quant Time: Oct 06 04:20:04 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

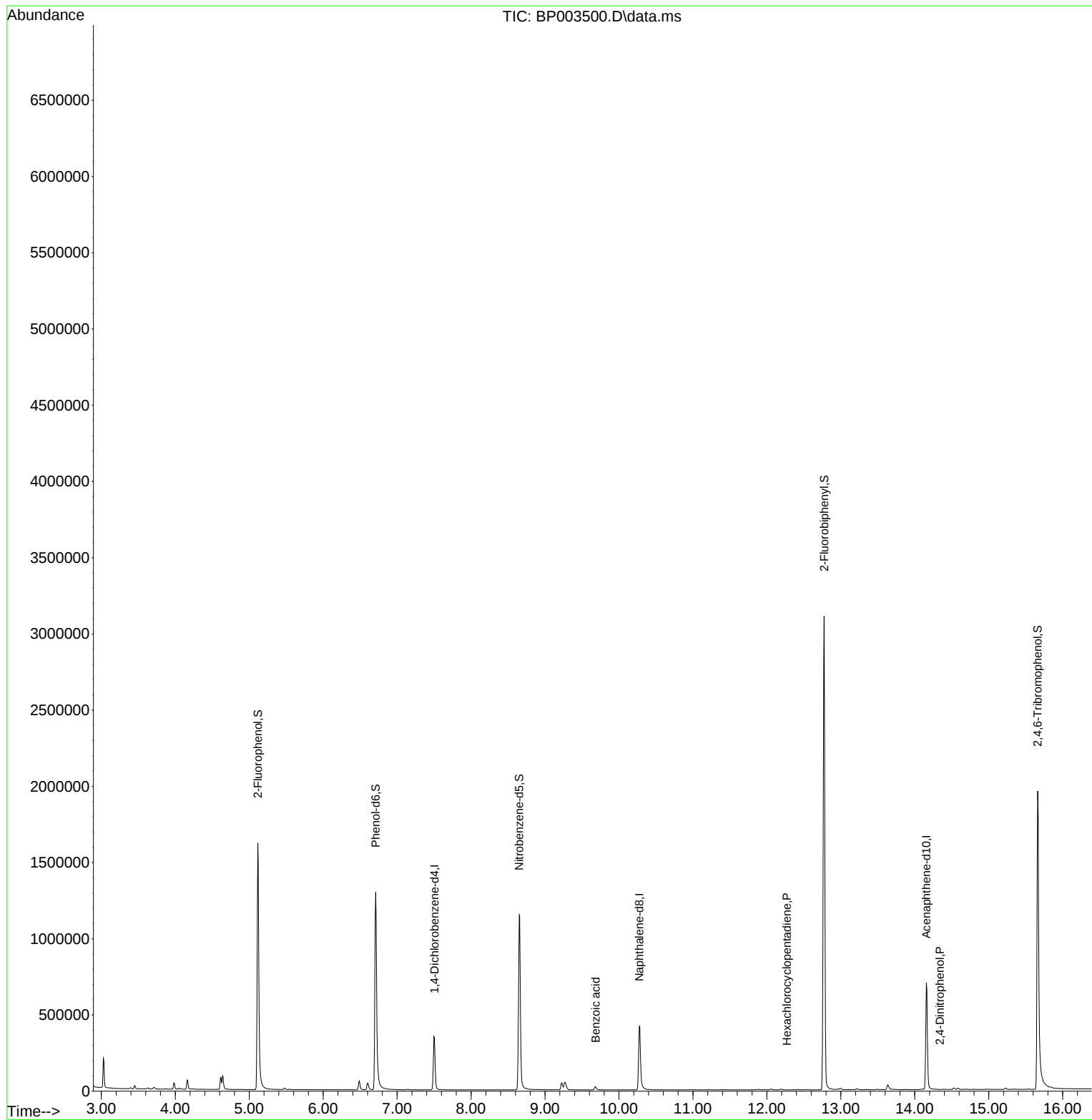
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	99705	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	391766	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	243406	20.00	ng	0.00
64) Phenanthrene-d10	16.915	188	536994	20.00	ng	# 0.00
76) Chrysene-d12	21.027	240	602275	20.00	ng	0.00
86) Perylene-d12	23.197	264	545638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	800903	140.26	ng	0.00
7) Phenol-d6	6.710	99	909977	119.56	ng	0.00
23) Nitrobenzene-d5	8.651	82	761300	114.16	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	460194	123.96	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	1610184	96.75	ng	0.00
79) Terphenyl-d14	19.504	244	2559000	88.53	ng	0.00
Target Compounds						
32) Benzoic acid	9.686	122	32	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.269	237	11	6.84	ng	74
54) 2,4-Dinitrophenol	14.339	184	10	7.26	ng	# 1
70) Pentachlorophenol	16.439	266	33	6.78	ng	92

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

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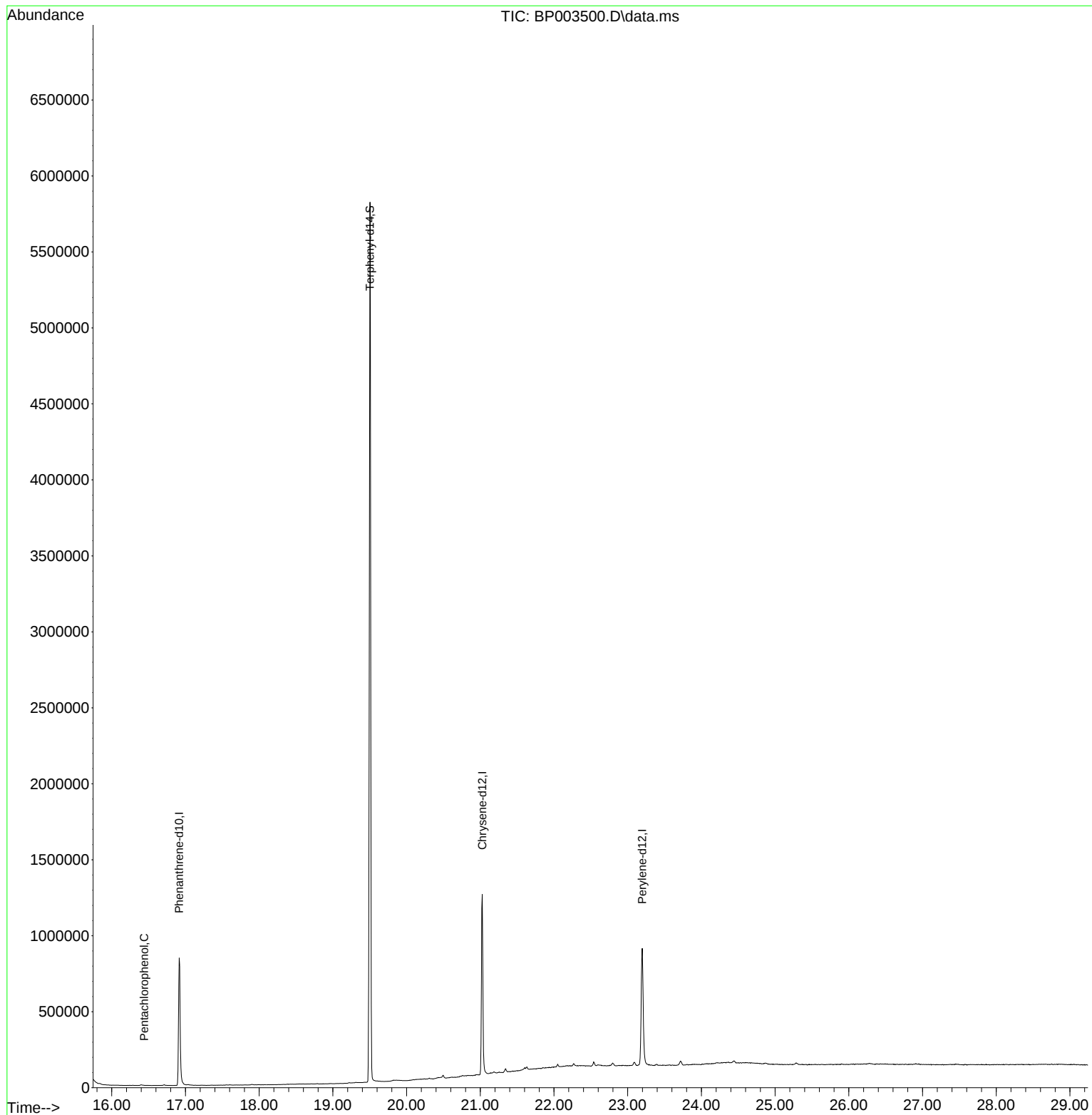
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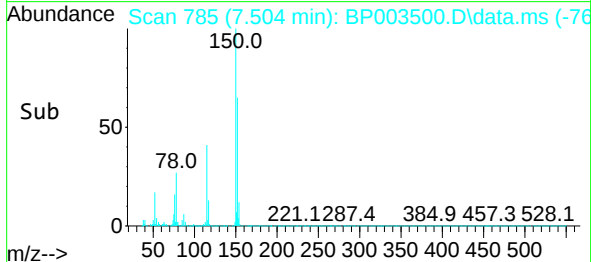
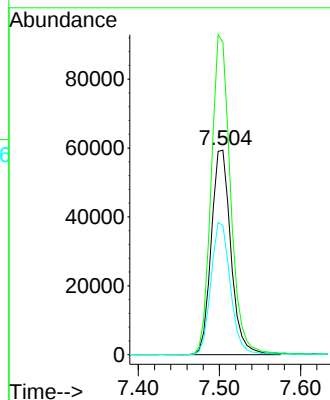
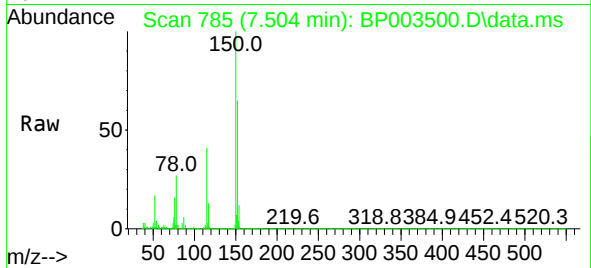




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.504 min Scan# 785
Delta R.T. 0.006 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

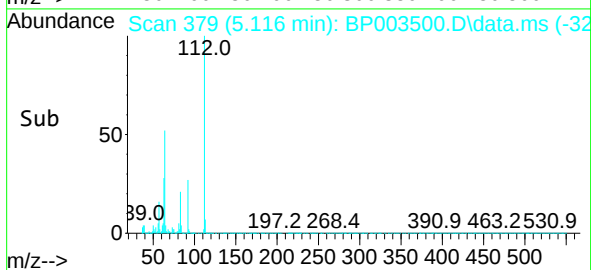
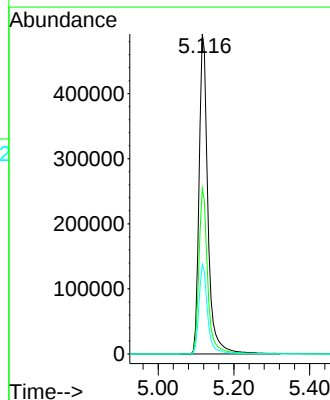
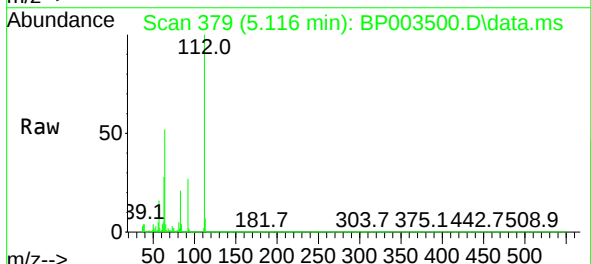
Instrument :
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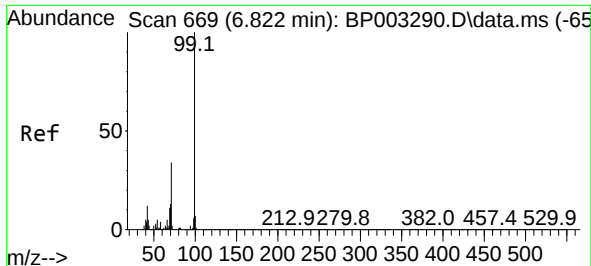
Tgt Ion:152 Resp: 99705
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 140.26 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion:112 Resp: 800903
Ion Ratio Lower Upper
112 100
64 51.8 32.8 49.2#
63 27.9 17.0 25.4#

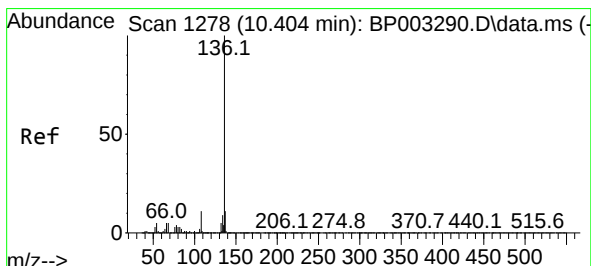
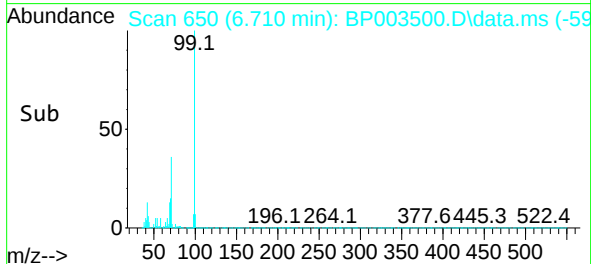
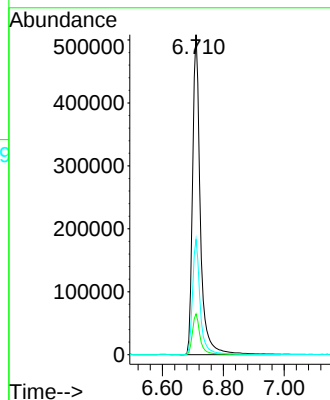
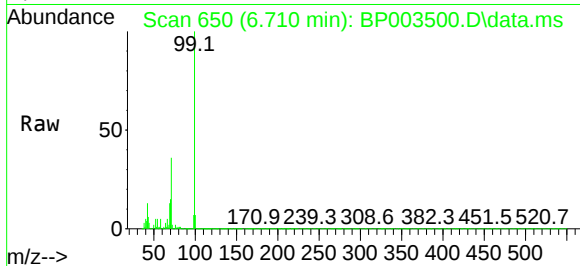




#7
Phenol-d6
Concen: 119.56 ng
RT: 6.710 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

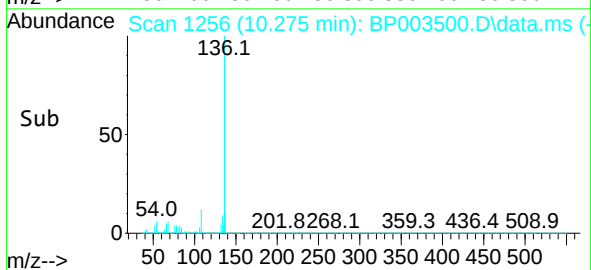
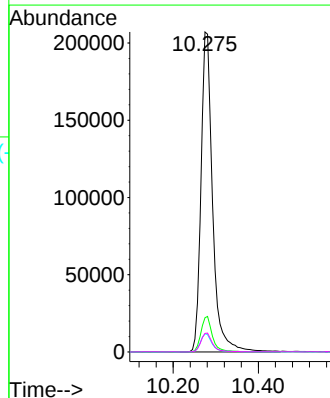
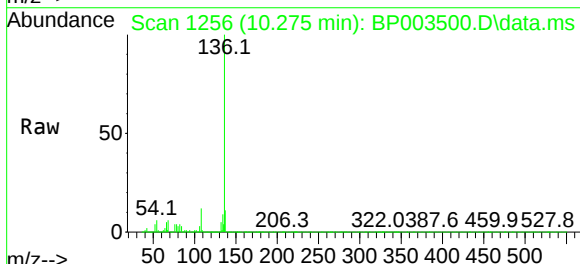
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ClientSampleId :
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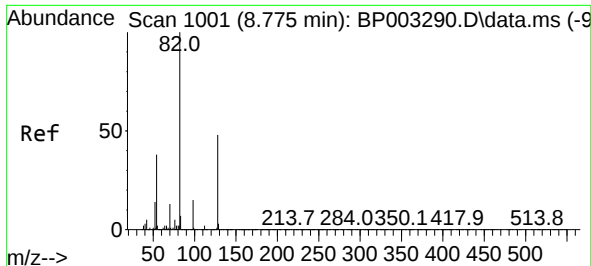
Tgt Ion: 99 Resp: 909977
Ion Ratio Lower Upper
99 100
42 12.7 8.6 13.0
71 36.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion: 136 Resp: 391766
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.7 3.6 5.4#
68 5.8 3.3 4.9#

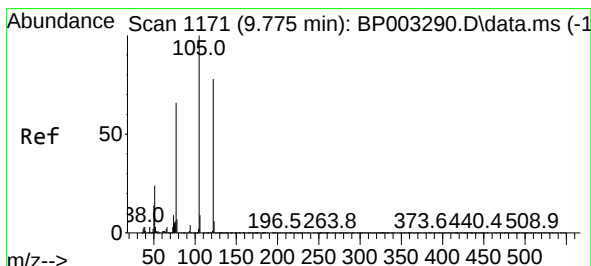
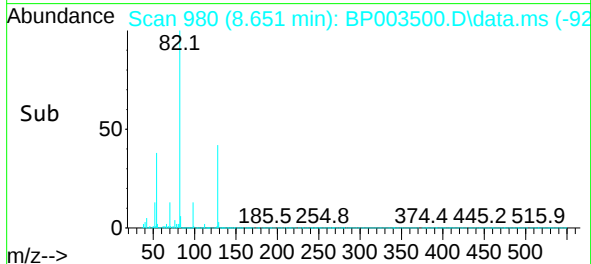
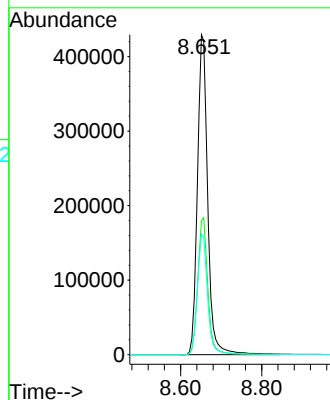
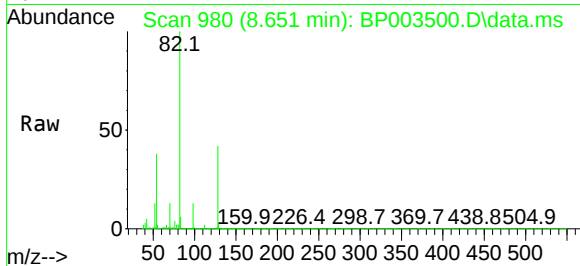




#23
Nitrobenzene-d5
Concen: 114.16 ng
RT: 8.651 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

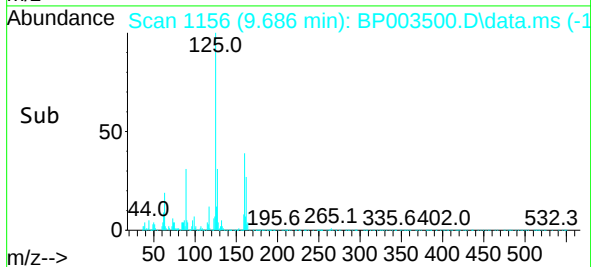
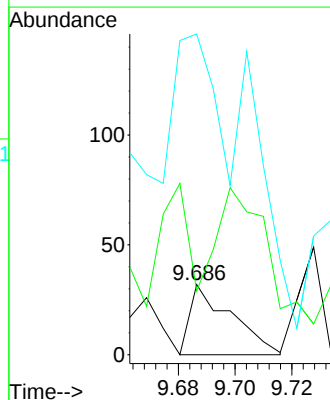
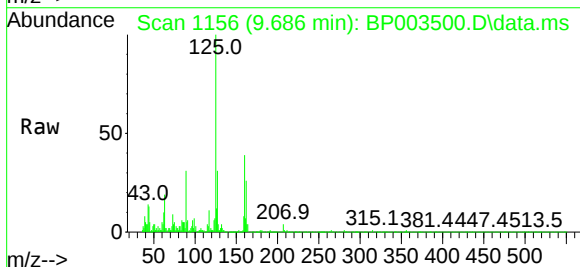
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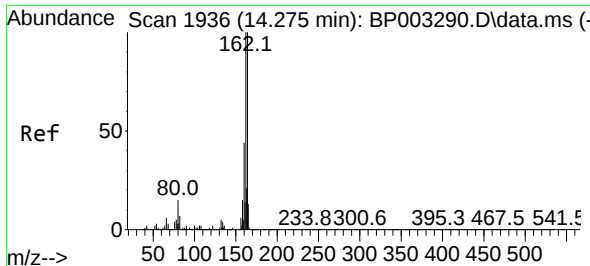
Tgt Ion: 82 Resp: 761300
Ion Ratio Lower Upper
82 100
128 41.9 45.6 68.4#
54 37.5 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.686 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 159.4 94.1 134.1#
77 456.3 50.1 90.1#

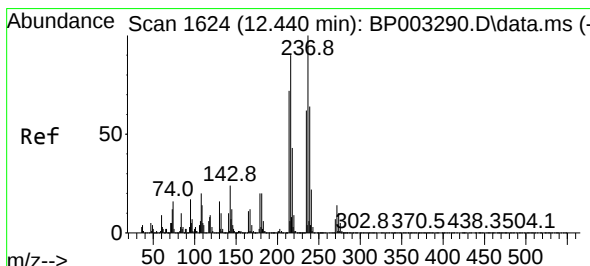
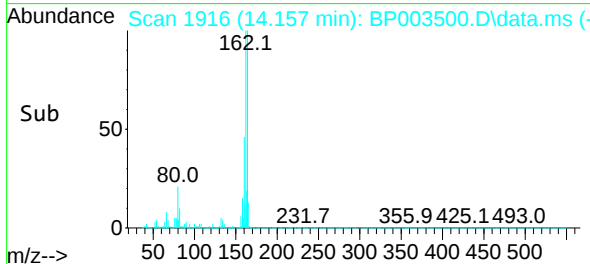
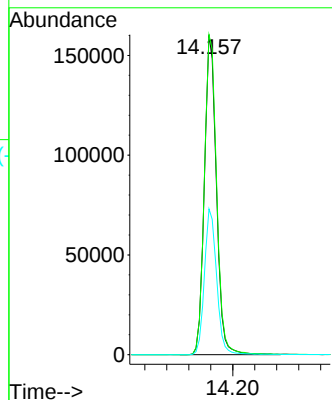
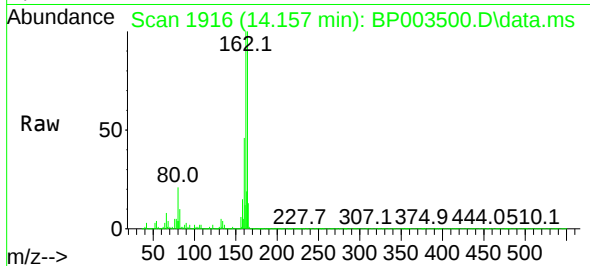




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

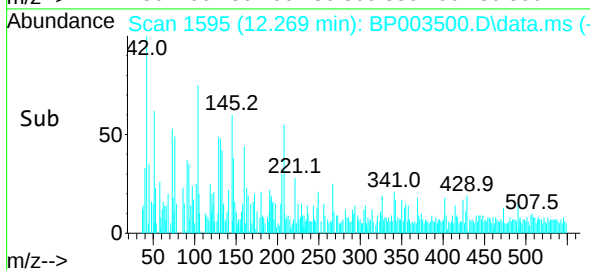
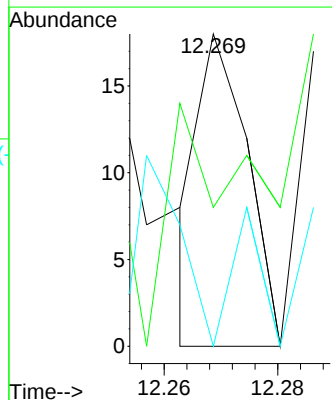
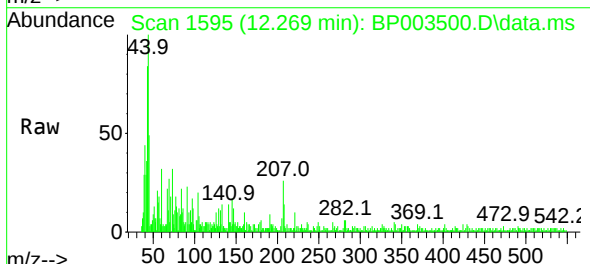
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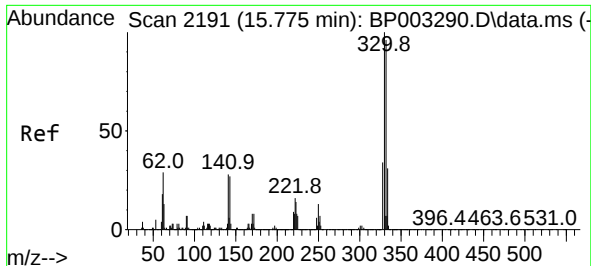
Tgt Ion:164 Resp: 243406
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 45.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.269 min Scan# 1595
Delta R.T. -0.047 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 44.4 43.2 83.2
272 0.0 0.0 33.3

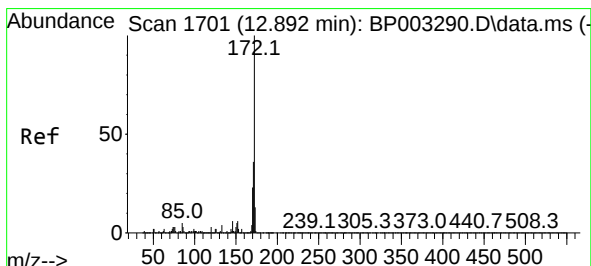
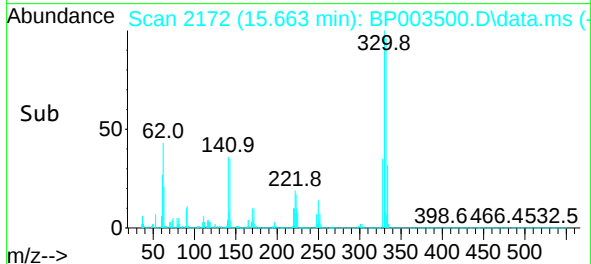
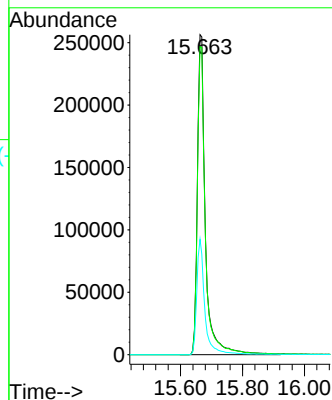
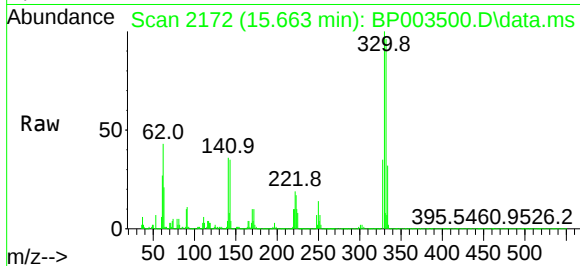




#42
2,4,6-Tribromophenol
Concen: 123.96 ng
RT: 15.663 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

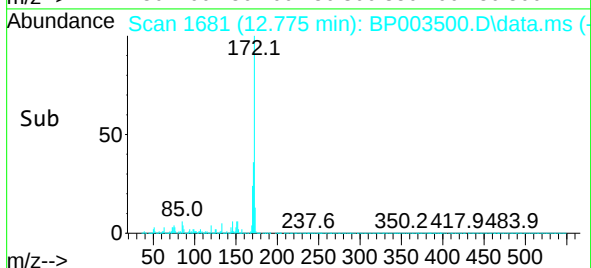
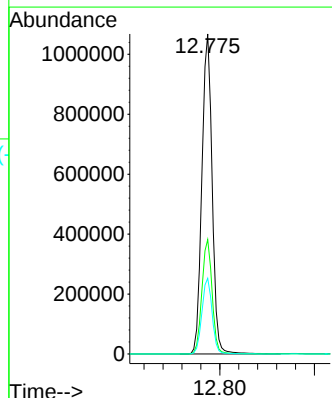
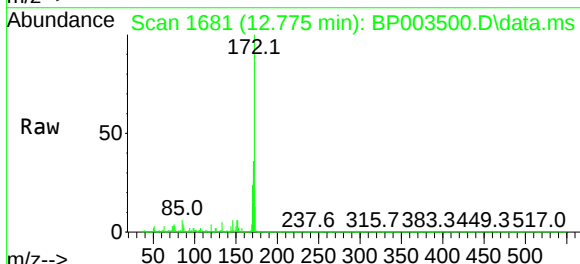
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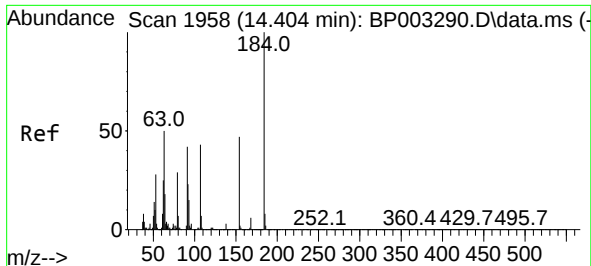
Tgt Ion:330 Resp: 460194
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 96.75 ng
RT: 12.775 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion:172 Resp: 1610184
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 19.2 28.8

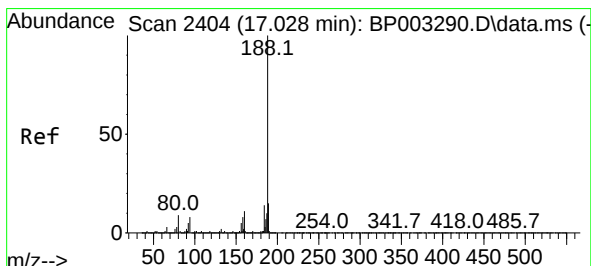
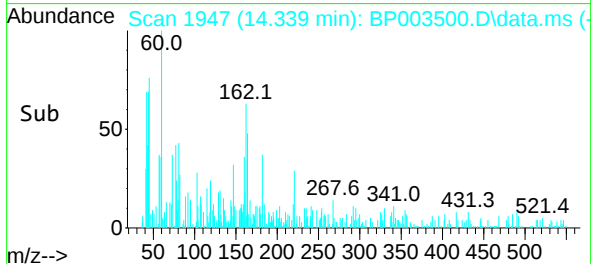
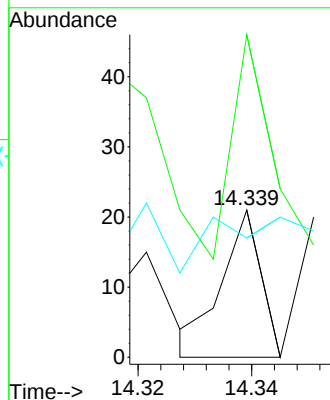
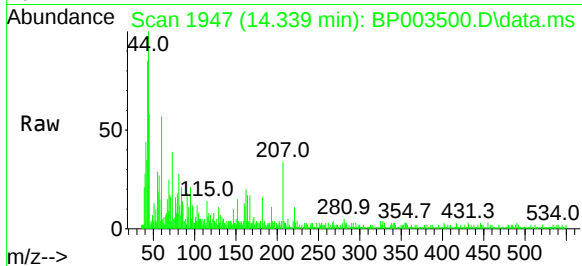




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.339 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

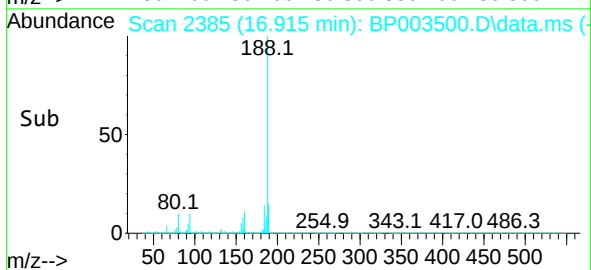
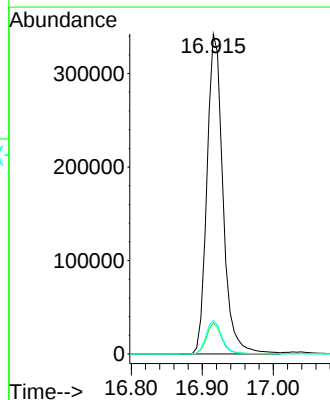
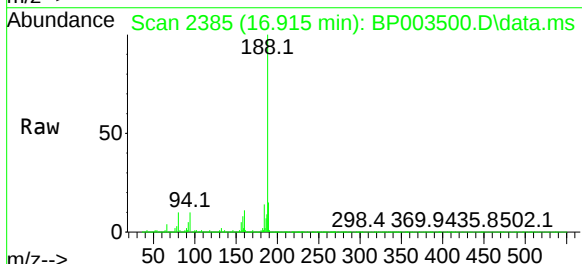
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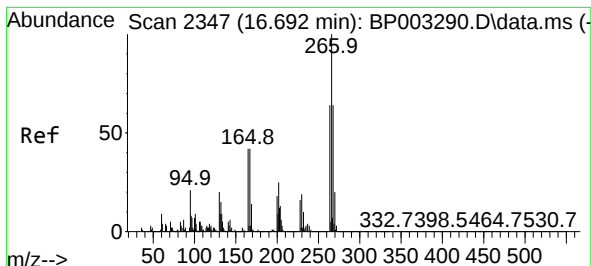
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 219.0 32.3 48.5#
154 147.6 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.915 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion:188 Resp: 536994
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.2#
80 10.5 6.2 9.2#

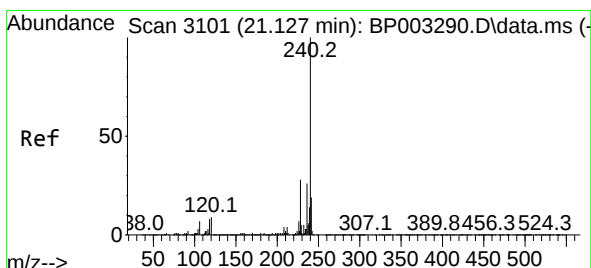
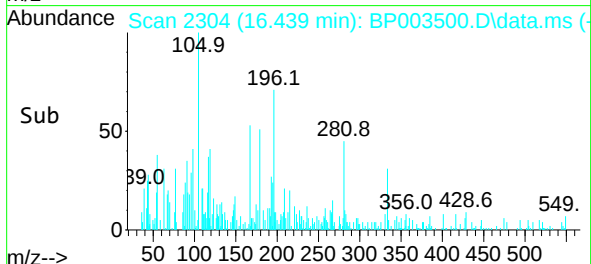
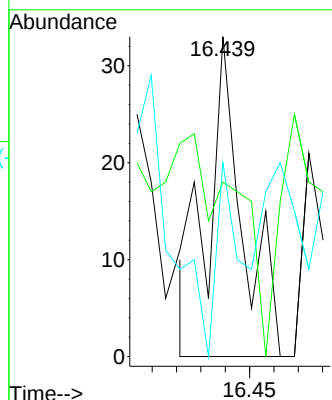
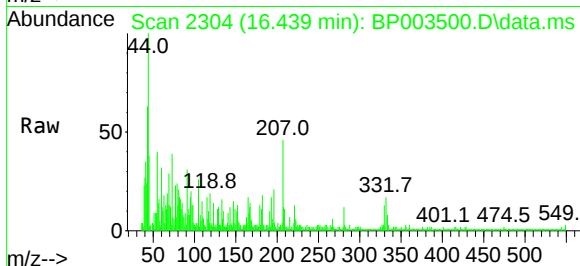




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.439 min Scan# 2304
Delta R.T. -0.153 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

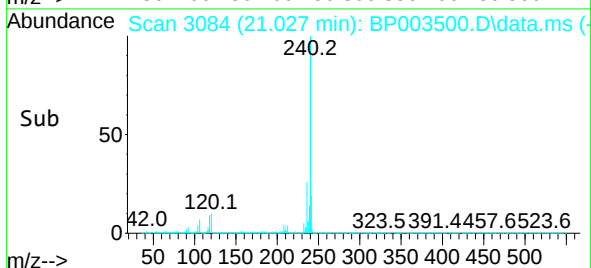
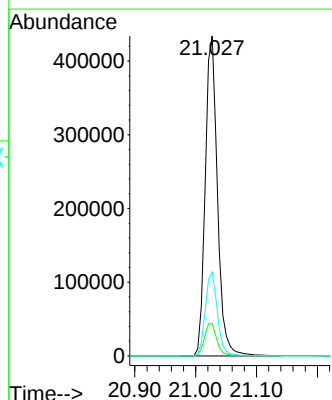
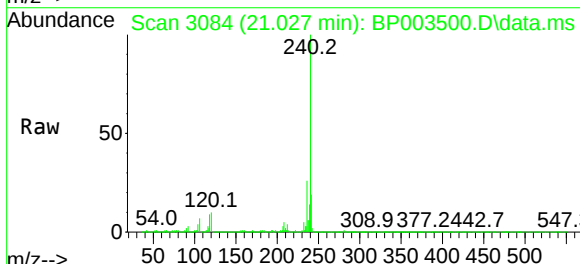
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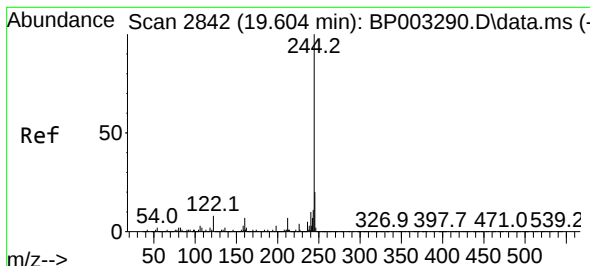
Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
268 54.5 51.1 76.7
264 60.6 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP003500.D
Acq: 05 Oct 2020 20:45

Tgt Ion:240 Resp: 602275
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 88.53 ng

RT: 19.504 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BP003500.D

Acq: 05 Oct 2020 20:45

Instrument :

BNA_P

ClientSampleId :

PAV-B24-100120-DP

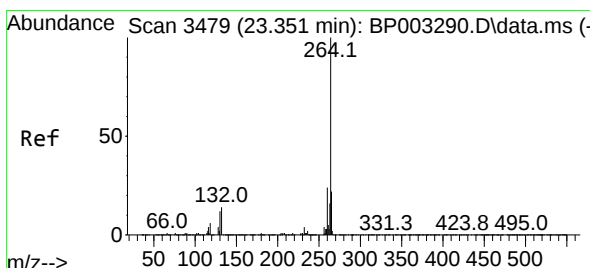
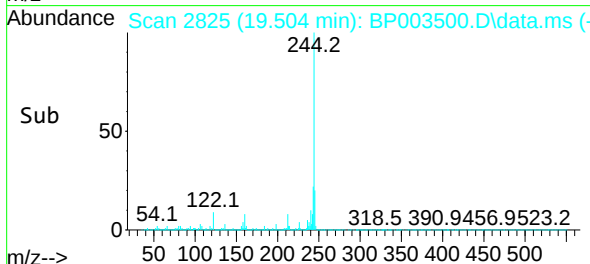
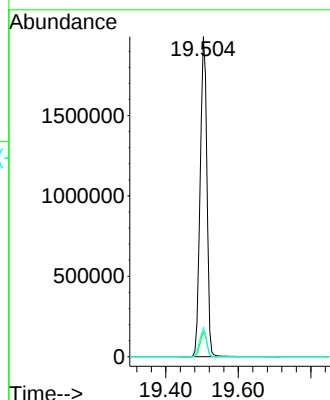
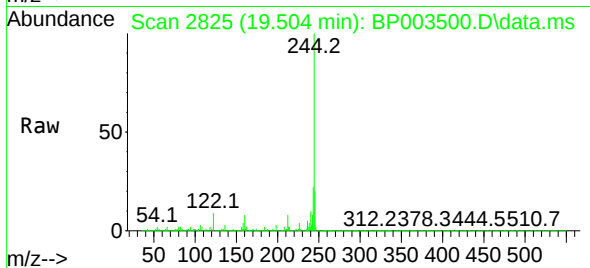
Tgt Ion:244 Resp: 2559000

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.0 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.197 min Scan# 3453

Delta R.T. -0.000 min

Lab File: BP003500.D

Acq: 05 Oct 2020 20:45

Tgt Ion:264 Resp: 545638

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.8 17.4 26.2

