

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
 Data File : BP003557.D
 Acq On : 07 Oct 2020 17:43
 Operator : CG/JU
 Sample : L4279-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-2

Quant Time: Oct 07 18:13:03 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)

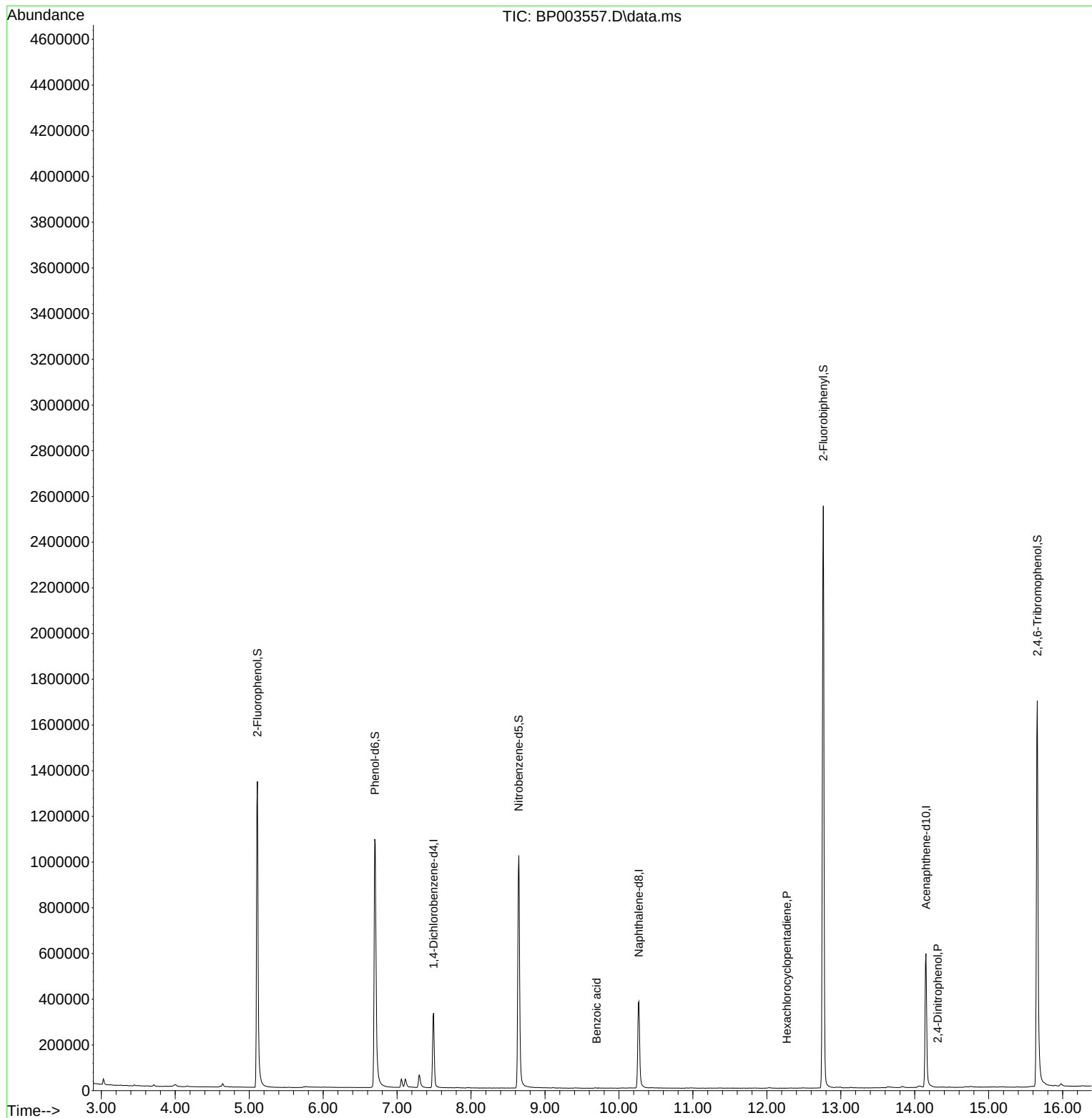
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	88744	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	347181	20.00	ng	# 0.00
39) Acenaphthene-d10	14.151	164	202350	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	409021	20.00	ng	# 0.00
76) Chrysene-d12	21.021	240	362497	20.00	ng	0.00
86) Perylene-d12	23.192	264	383382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.111	112	637447	125.43	ng	0.00
7) Phenol-d6	6.699	99	802768	118.50	ng	0.00
23) Nitrobenzene-d5	8.646	82	661360	111.91	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	378096	122.51	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1328825	96.04	ng	-0.01
79) Terphenyl-d14	19.498	244	1664136	95.65	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.698	122	28	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.269	237	22	6.85	ng	93
54) 2,4-Dinitrophenol	14.310	184	18	7.26	ng	# 4
70) Pentachlorophenol	16.598	266	20	6.78	ng	# 71

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

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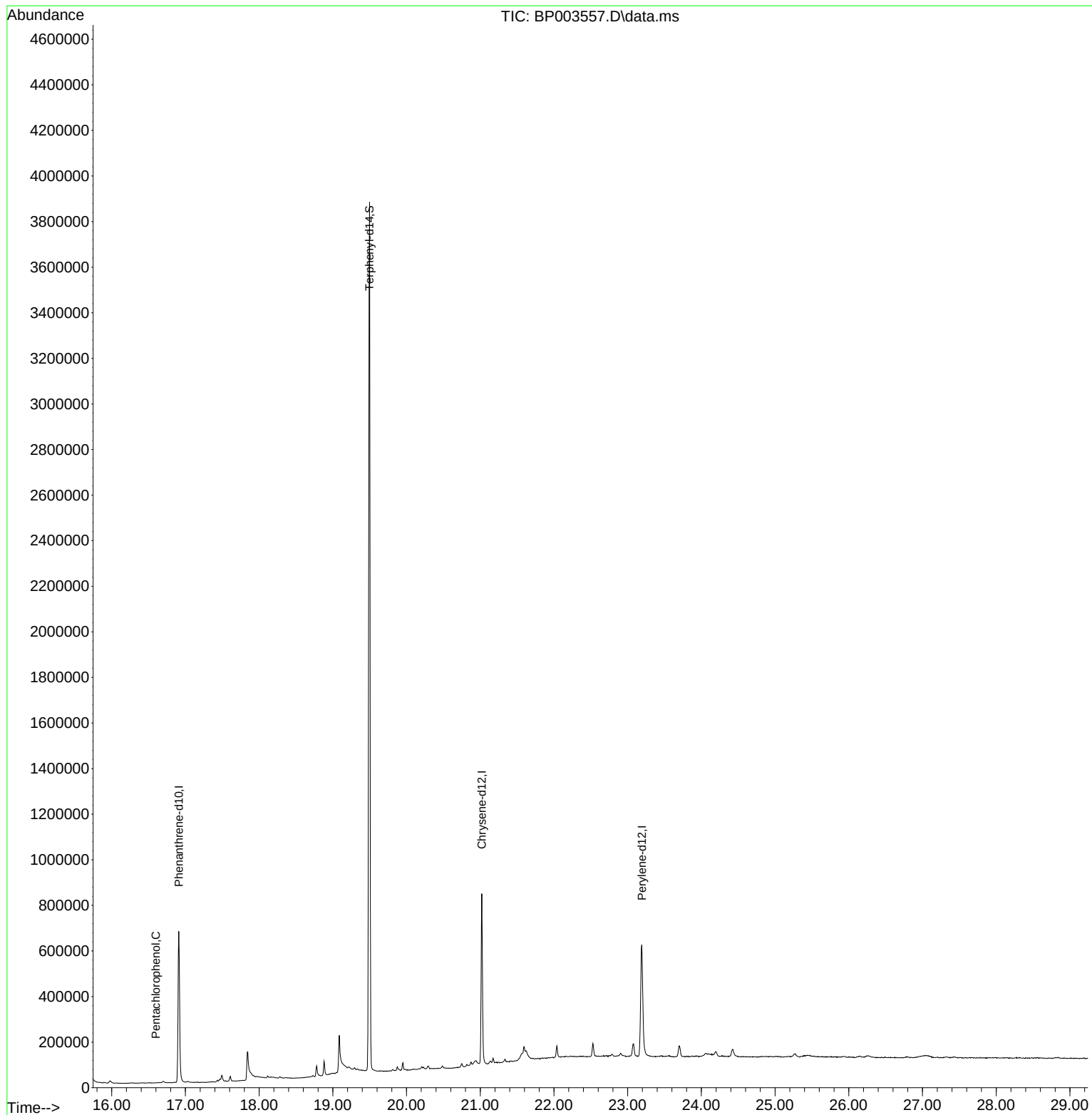
Quant Time: Oct 07 18:13:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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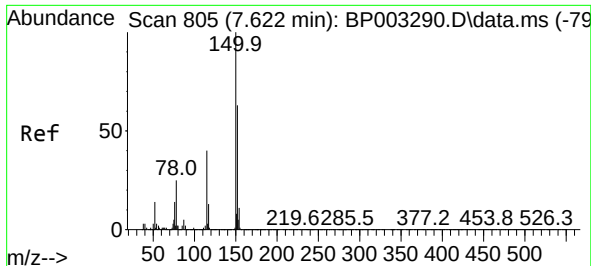


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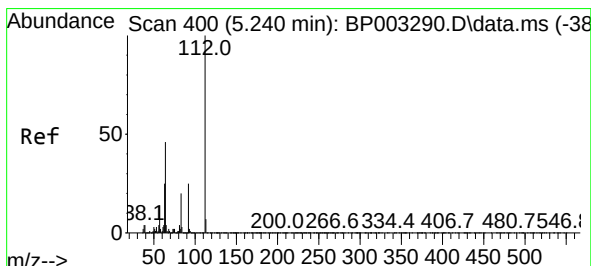
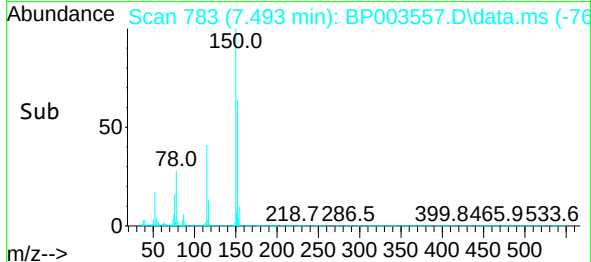
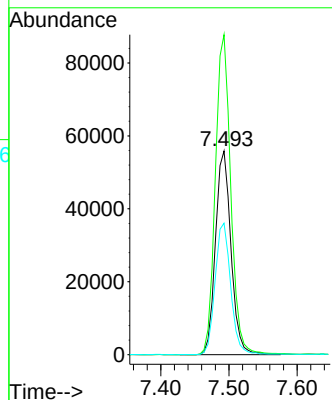
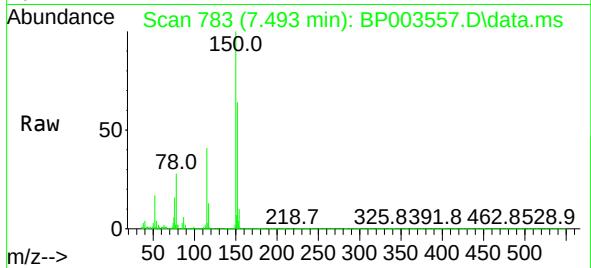




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

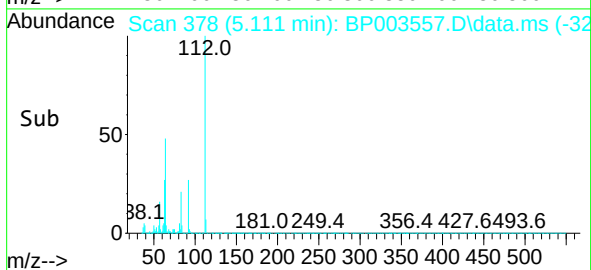
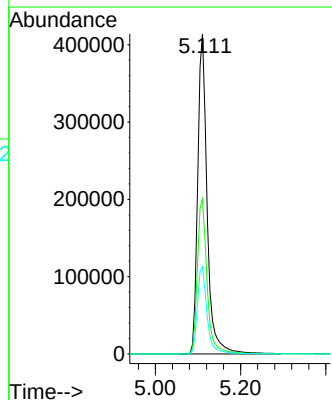
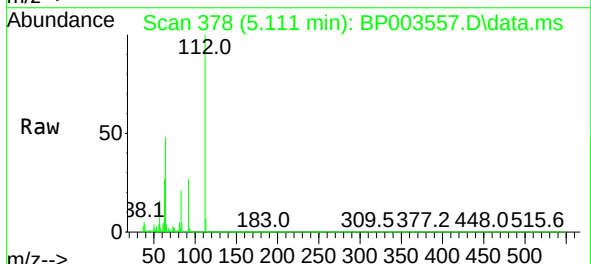
Instrument :
BNA_P
ClientSampleId :
S-2

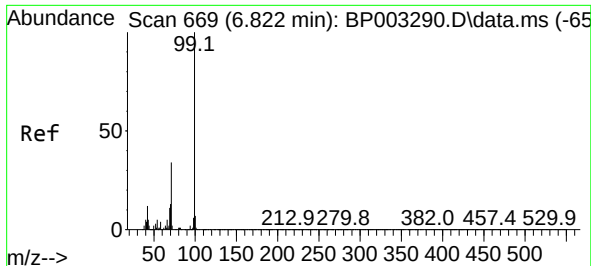
Tgt Ion:152 Resp: 88744
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 64.6 43.8 65.6



#5
2-Fluorophenol
Concen: 125.43 ng
RT: 5.111 min Scan# 378
Delta R.T. 0.000 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion:112 Resp: 637447
Ion Ratio Lower Upper
112 100
64 48.4 32.8 49.2
63 27.3 17.0 25.4#

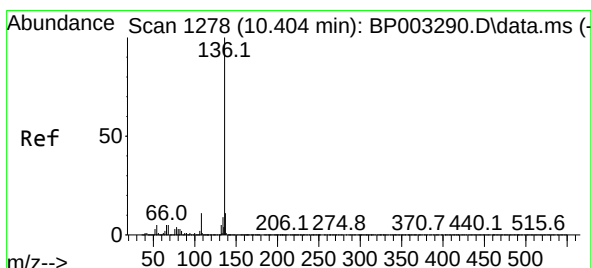
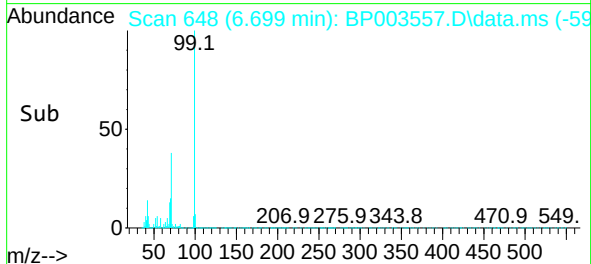
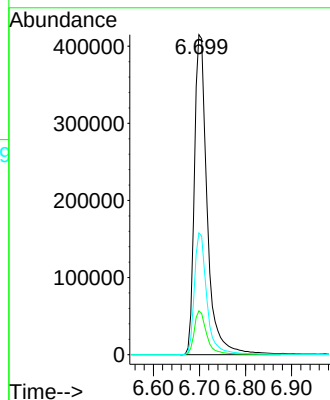
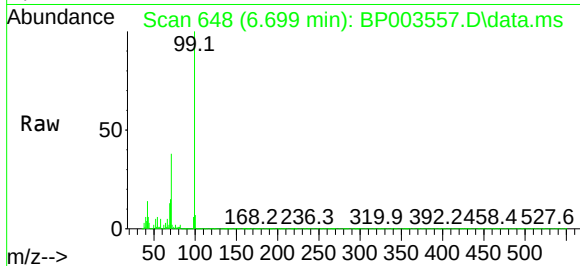




#7
Phenol-d6
Concen: 118.50 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

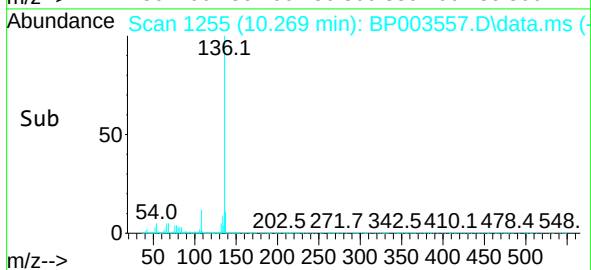
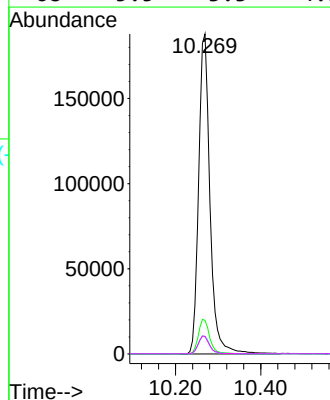
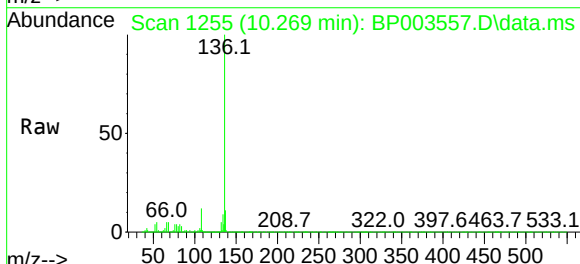
Instrument :
BNA_P
ClientSampled :
S-2

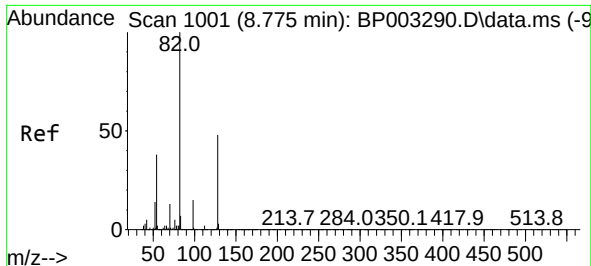
Tgt Ion: 99 Resp: 802768
Ion Ratio Lower Upper
99 100
42 13.7 8.6 13.0#
71 38.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion: 136 Resp: 347181
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.5 3.6 5.4#
68 5.5 3.3 4.9#

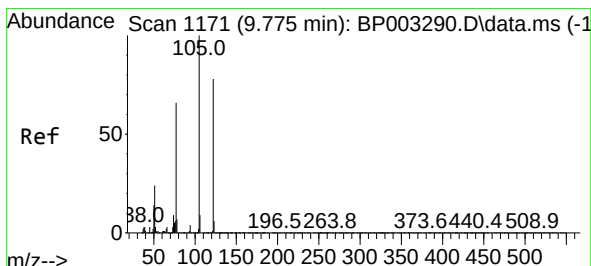
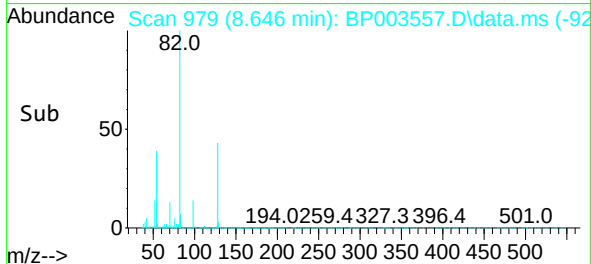
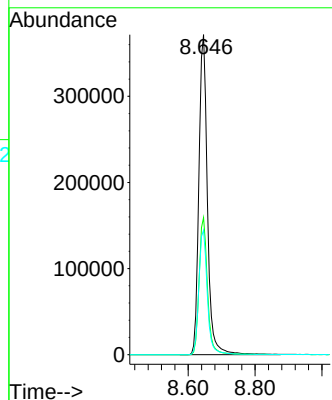
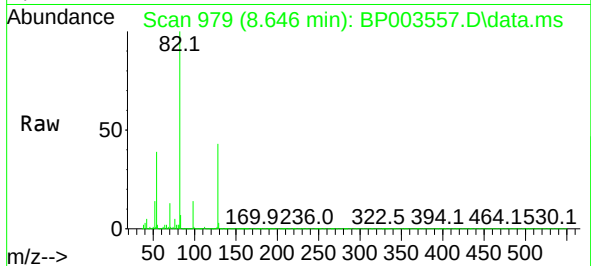




#23
Nitrobenzene-d5
Concen: 111.91 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

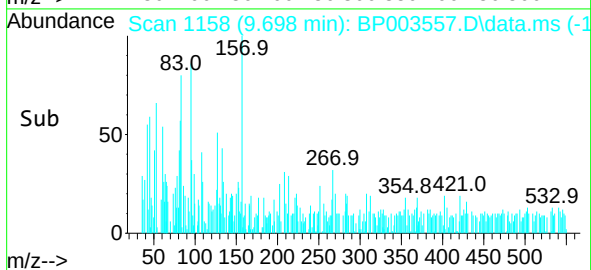
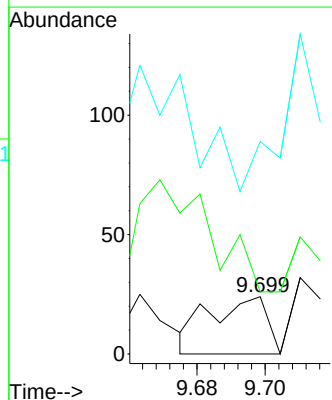
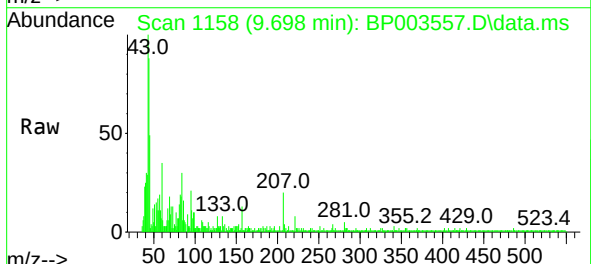
Instrument :
BNA_P
ClientSampled :
S-2

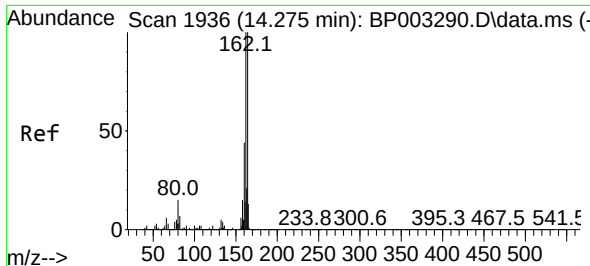
Tgt Ion: 82 Resp: 661360
Ion Ratio Lower Upper
82 100
128 42.9 45.6 68.4#
54 38.9 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.698 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 108.3 94.1 134.1
77 370.8 50.1 90.1#

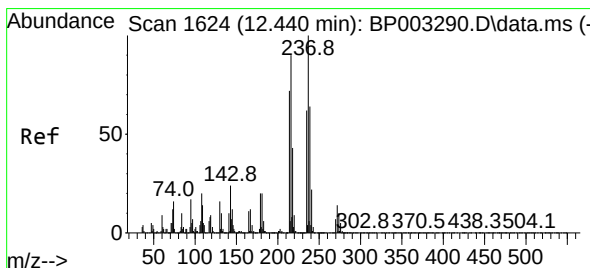
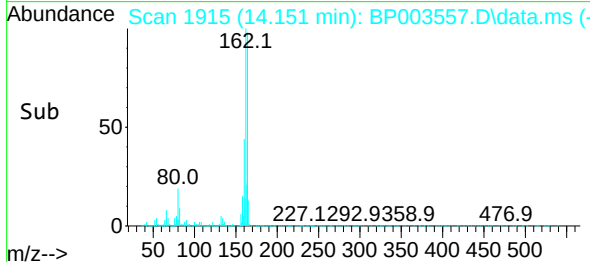
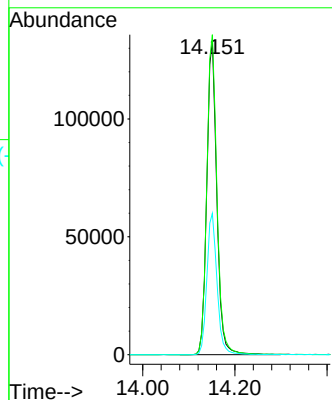
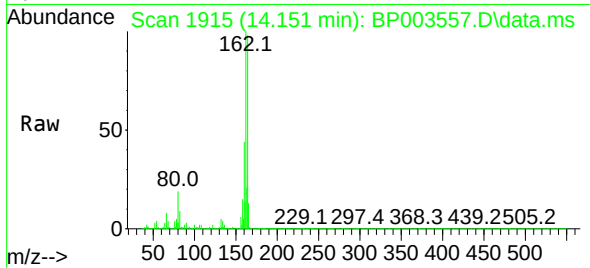




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

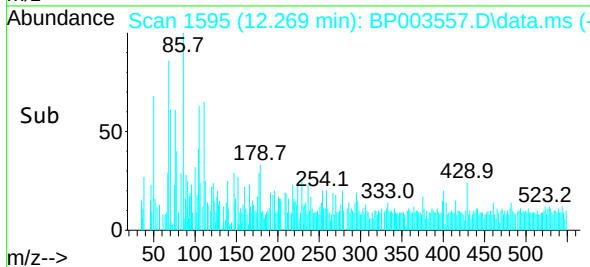
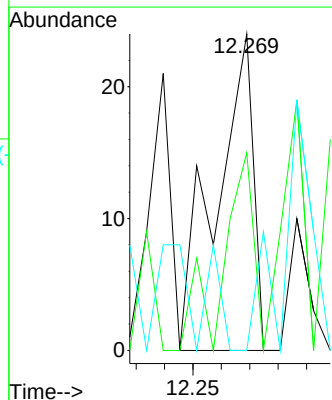
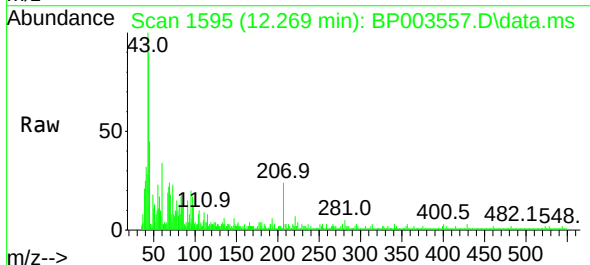
Instrument :
BNA_P
ClientSampleId :
S-2

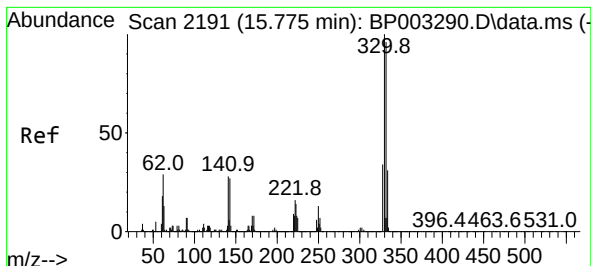
Tgt Ion:164 Resp: 202350
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 45.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.269 min Scan# 1595
Delta R.T. -0.047 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 0.0 0.0 33.3

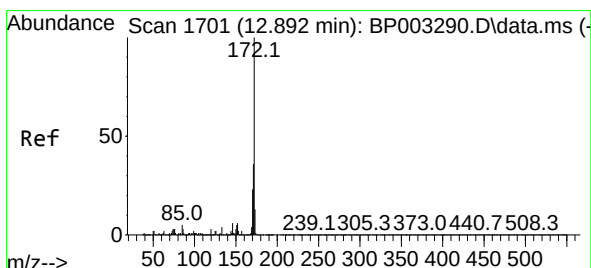
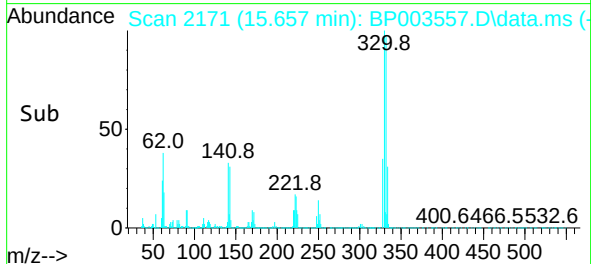
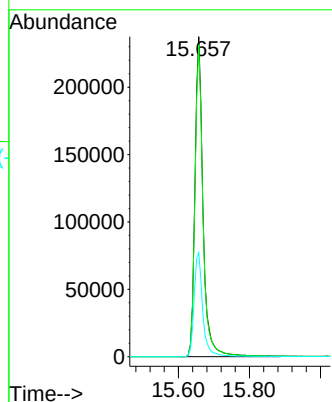
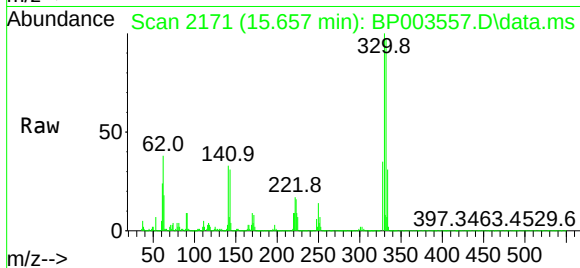




#42
2,4,6-Tribromophenol
Concen: 122.51 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

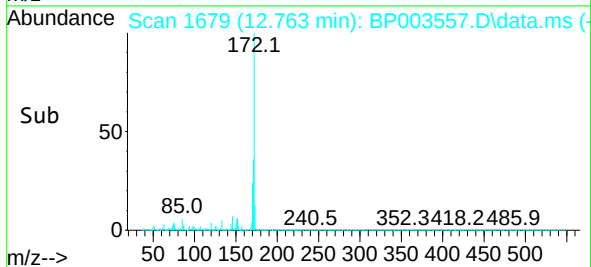
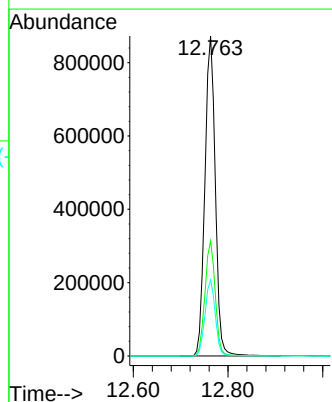
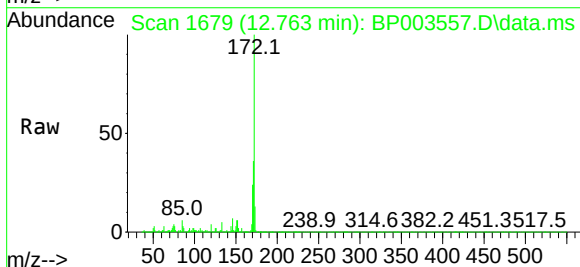
Instrument :
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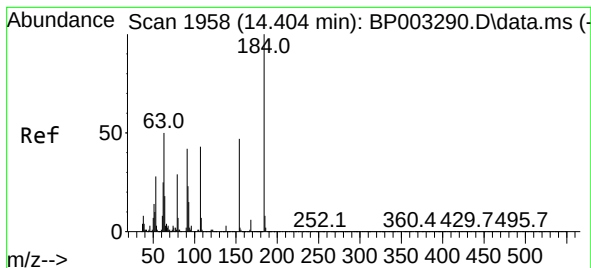
Tgt Ion:330 Resp: 378096
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 34.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 96.04 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion:172 Resp: 1328825
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.7 19.2 28.8

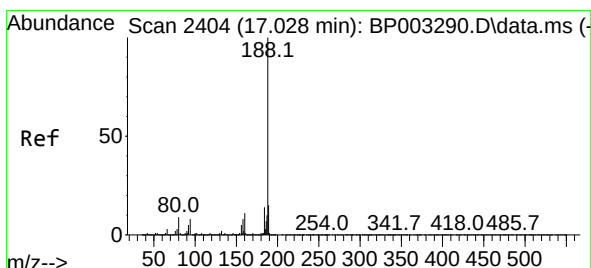
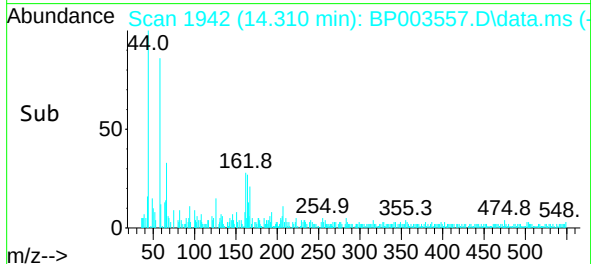
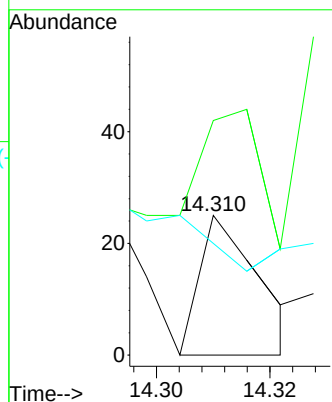
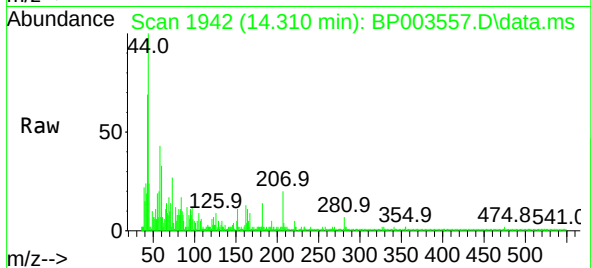




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

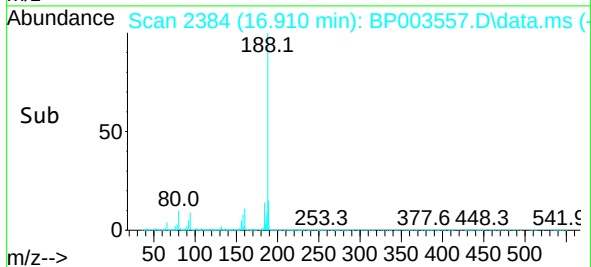
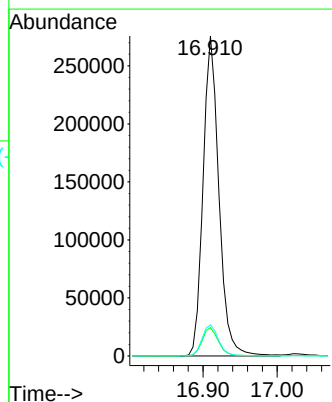
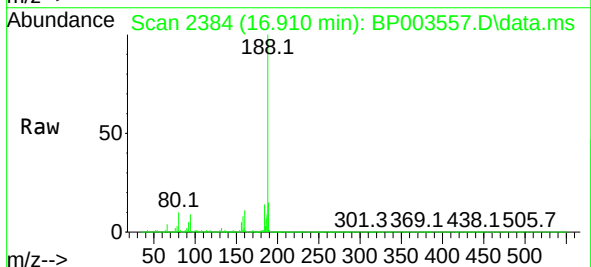
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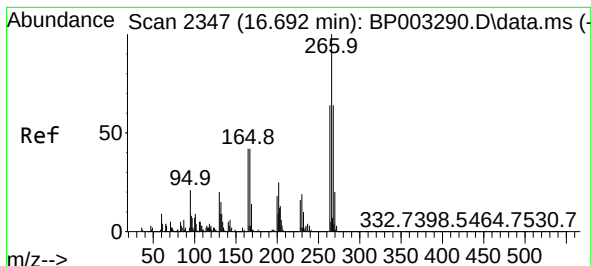
Tgt Ion:184	Resp:	18
Ion Ratio	Lower	Upper
184	100	
63	168.0	32.3 48.5#
154	80.0	49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion:188	Resp:	409021
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.2 9.2
80	9.7	6.2 9.2#

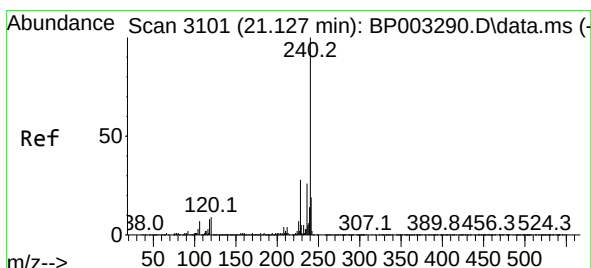
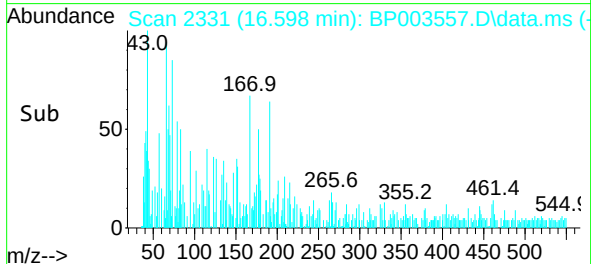
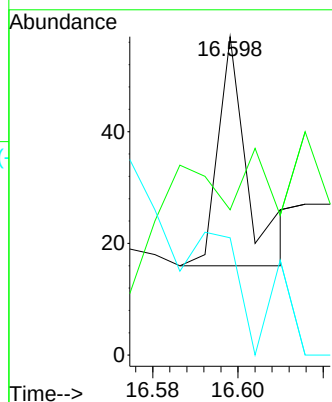
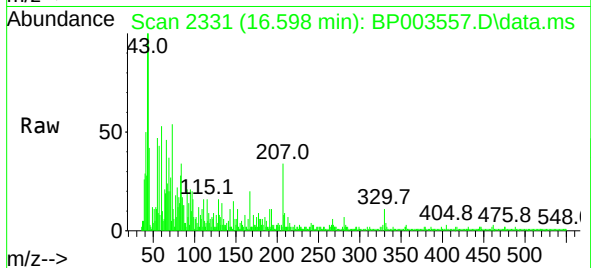




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

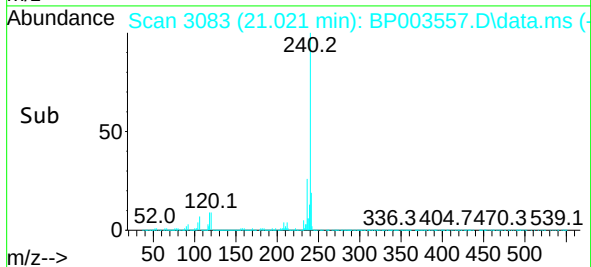
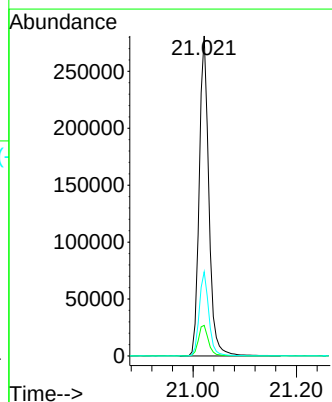
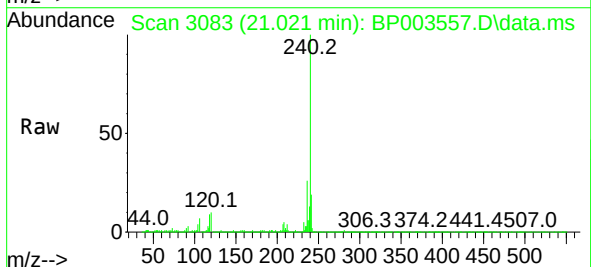
Instrument :
BNA_P
ClientSampleId :
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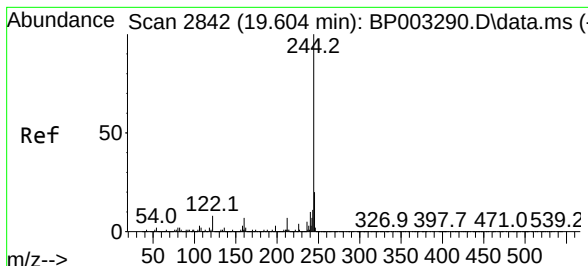
Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
268 45.6 51.1 76.7#
264 36.8 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP003557.D
Acq: 07 Oct 2020 17:43

Tgt Ion:240 Resp: 362497
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 95.65 ng

RT: 19.498 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP003557.D

Acq: 07 Oct 2020 17:43

Instrument :

BNA_P

ClientSampleId :

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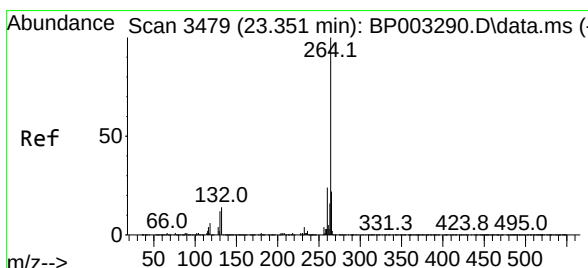
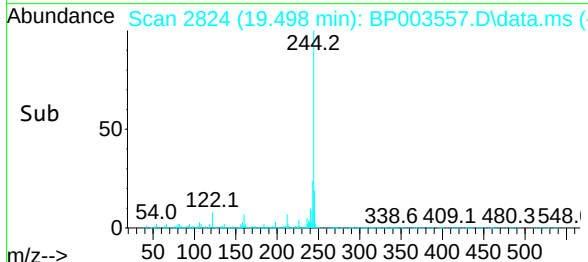
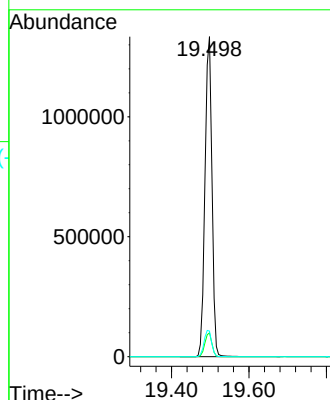
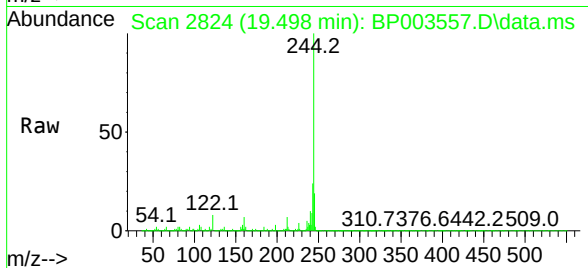
Tgt Ion:244 Resp: 1664136

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 8.0 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.192 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BP003557.D

Acq: 07 Oct 2020 17:43

Tgt Ion:264 Resp: 383382

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.8 17.4 26.2

