

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
 Data File : BP003565.D
 Acq On : 07 Oct 2020 22:15
 Operator : CG/JU
 Sample : L4260-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B23-100220-0-10

Quant Time: Oct 08 01:54:41 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)

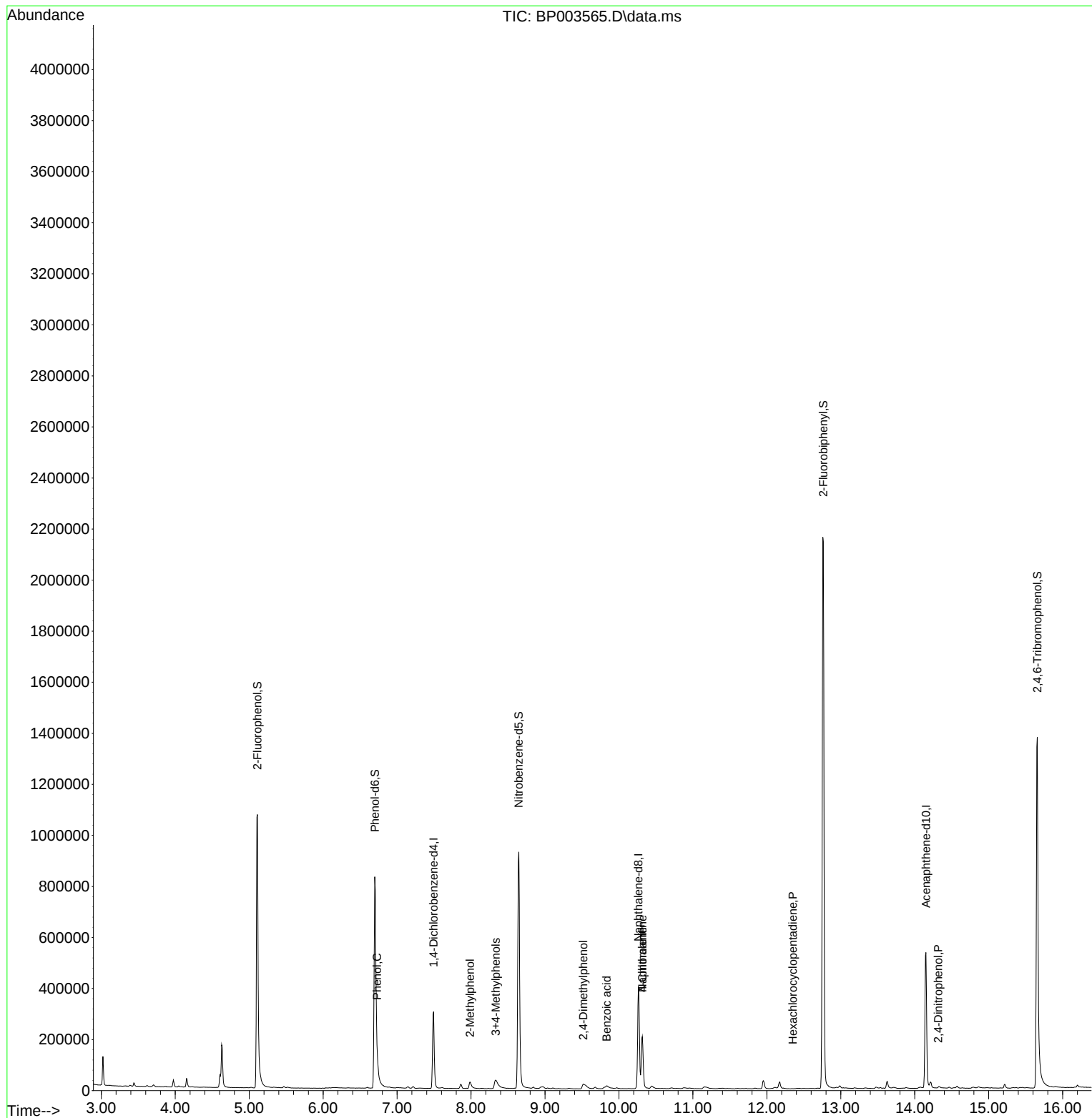
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	83416	20.00	ng	0.00
21) Naphthalene-d8	10.263	136	327915	20.00	ng	#-0.01
39) Acenaphthene-d10	14.151	164	188373	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	371780	20.00	ng	0.00
76) Chrysene-d12	21.016	240	327831	20.00	ng	-0.01
86) Perylene-d12	23.186	264	382411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.111	112	538592	112.74	ng	0.00
7) Phenol-d6	6.699	99	605320	95.06	ng	0.00
23) Nitrobenzene-d5	8.646	82	596645	106.89	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	322940	112.40	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1200718	93.22	ng	-0.01
79) Terphenyl-d14	19.492	244	1488177	94.58	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.728	94	28021	4.61	ng	# 58
17) 2-Methylphenol	7.987	107	12330	2.80	ng	# 89
20) 3+4-Methylphenols	8.334	107	33007	5.64	ng	90
27) 2,4-Dimethylphenol	9.516	122	13456	3.12	ng	90
31) Naphthalene	10.316	128	178820	10.32	ng	99
32) Benzoic acid	9.834	122	7823	11.21	ng	# 28
33) 4-Chloroaniline	10.316	127	24457	3.32	ng	# 39
41) Hexachlorocyclopentadiene	12.351	237	14	6.85	ng	77
54) 2,4-Dinitrophenol	14.316	184	14	7.26	ng	# 1
70) Pentachlorophenol	16.592	266	28	6.78	ng	89

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

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PAV-B23-100220-0-10

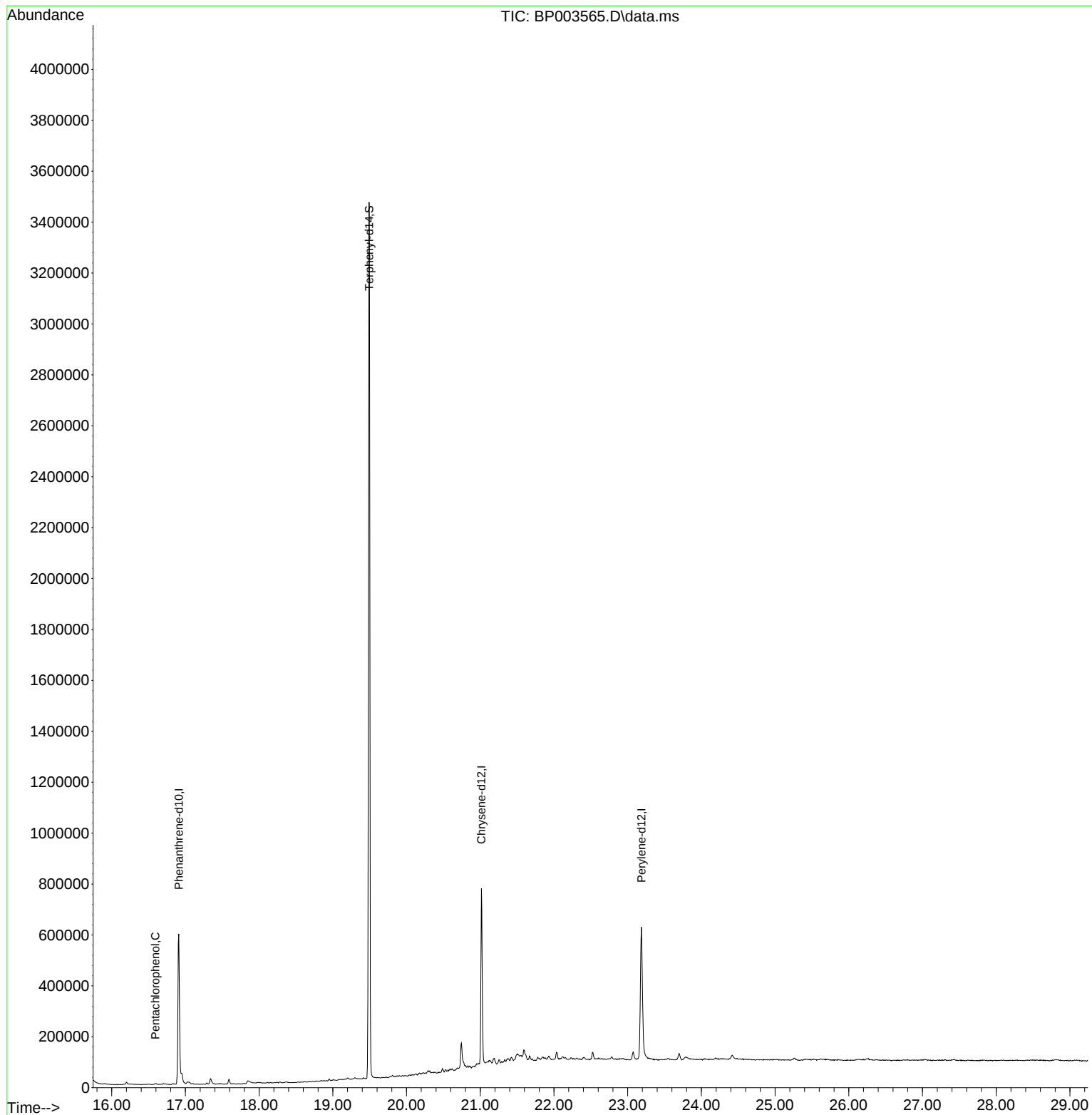
Quant Time: Oct 08 01:54:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

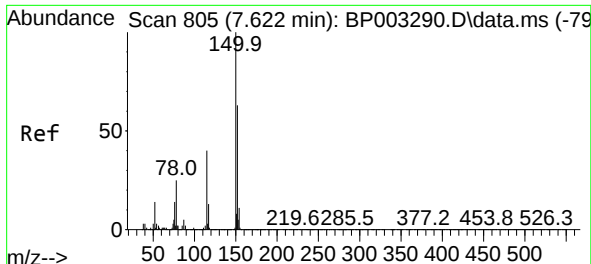


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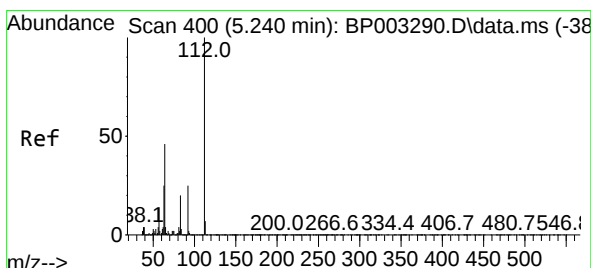
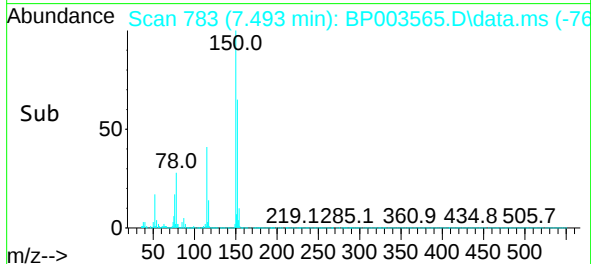
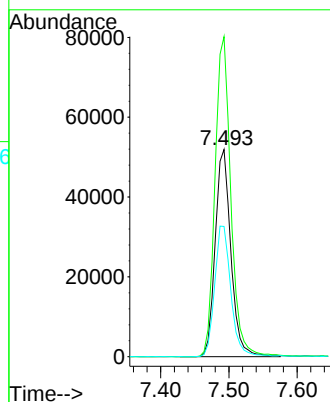
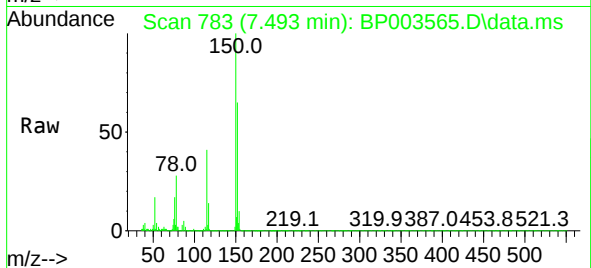




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

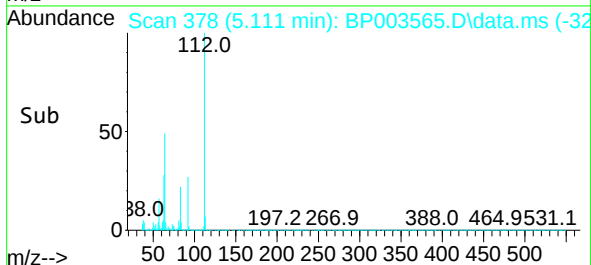
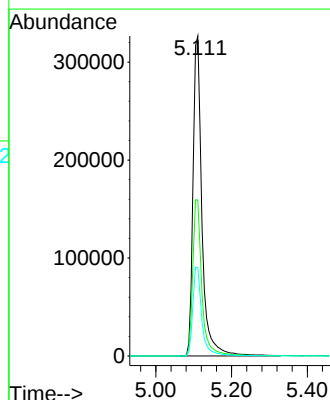
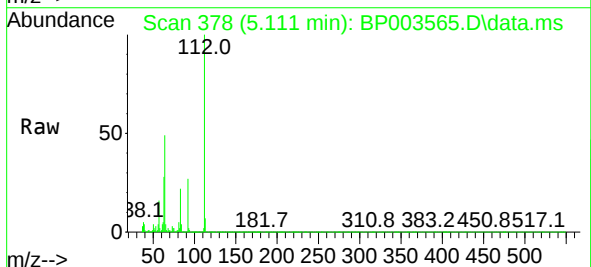
Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

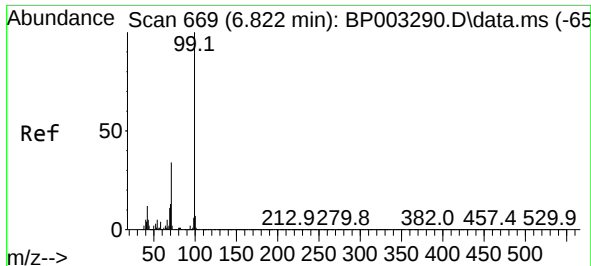
Tgt Ion:152 Resp: 83416
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 62.9 43.8 65.6



#5
2-Fluorophenol
Concen: 112.74 ng
RT: 5.111 min Scan# 378
Delta R.T. 0.000 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

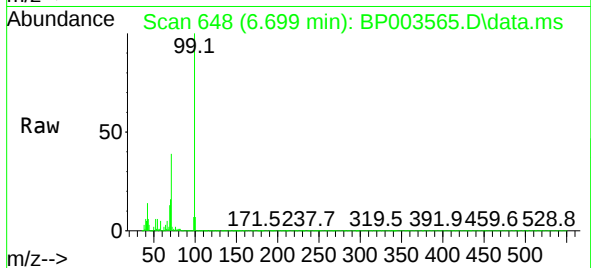
Tgt Ion:112 Resp: 538592
Ion Ratio Lower Upper
112 100
64 48.7 32.8 49.2
63 27.7 17.0 25.4#



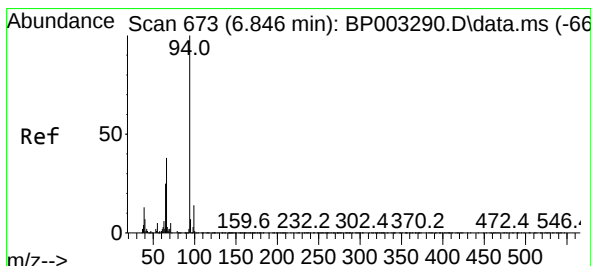
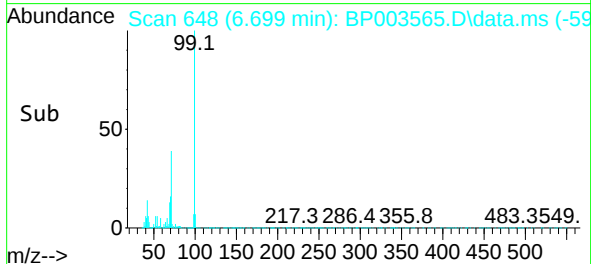
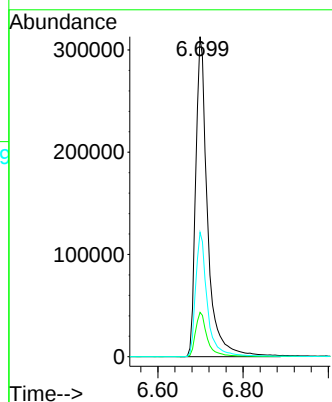


#7
Phenol-d6
Concen: 95.06 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

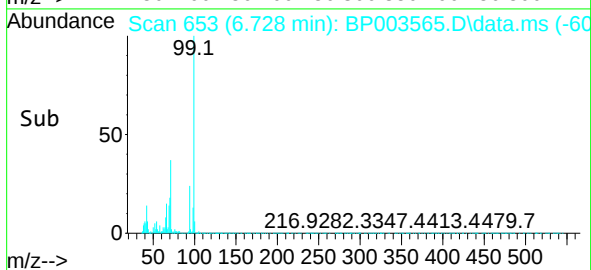
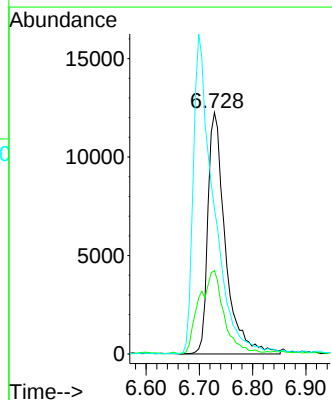
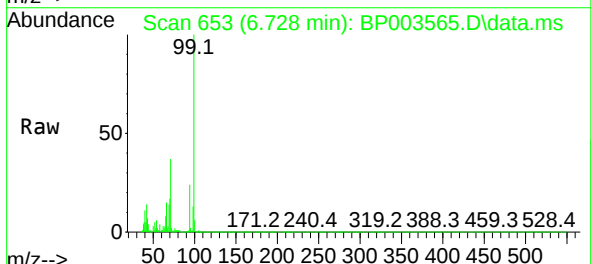


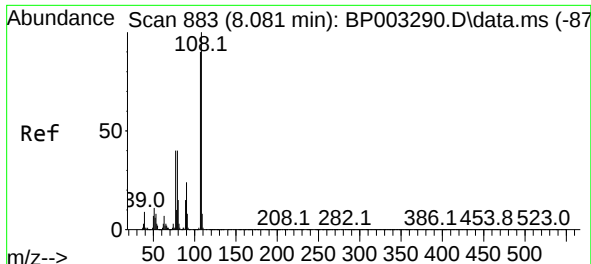
Tgt Ion: 99 Resp: 605320
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 38.9 23.4 35.2#



#10
Phenol
Concen: 4.61 ng
RT: 6.728 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion: 94 Resp: 28021
Ion Ratio Lower Upper
94 100
65 34.5 2.3 42.3
66 60.1 10.9 50.9#

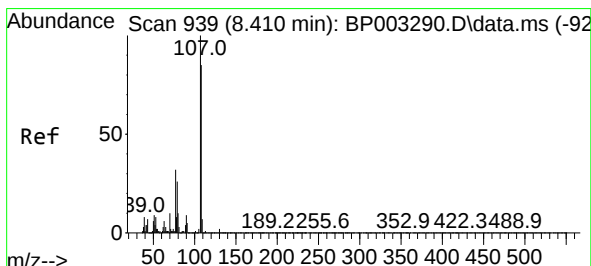
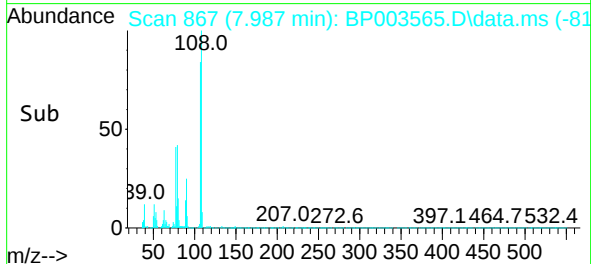
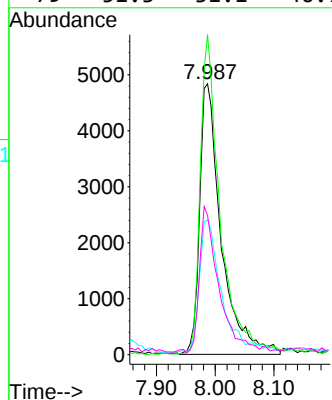
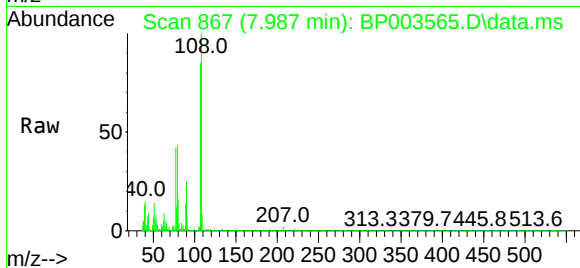




#17
2-Methylphenol
Concen: 2.80 ng
RT: 7.987 min Scan# 867
Delta R.T. 0.018 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

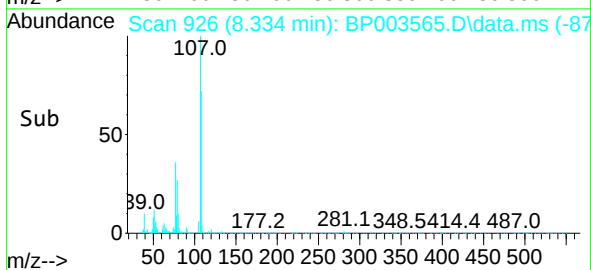
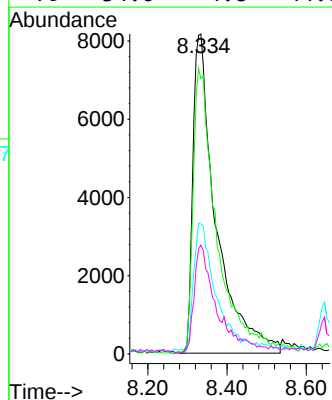
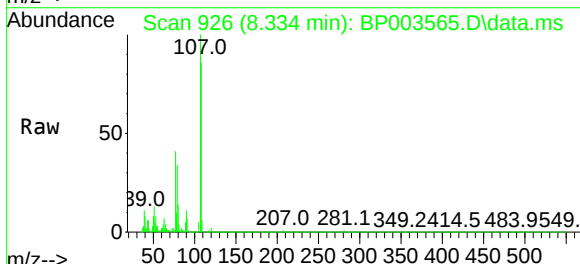
Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

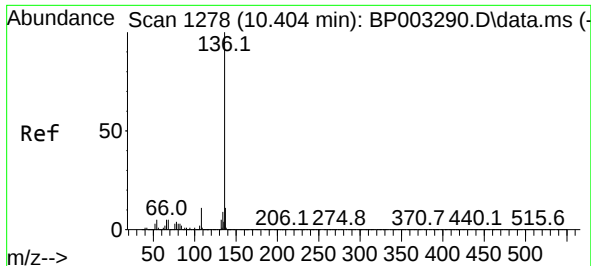
Tgt Ion:	107	Resp:	12330
Ion	Ratio	Lower	Upper
107	100		
108	118.1	89.6	134.4
77	49.7	31.8	47.6#
79	51.3	31.1	46.7#



#20
3+4-Methylphenols
Concen: 5.64 ng
RT: 8.334 min Scan# 926
Delta R.T. 0.030 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion:	107	Resp:	33007
Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.0	109.0
77	40.6	8.5	48.5
79	34.0	4.8	44.8

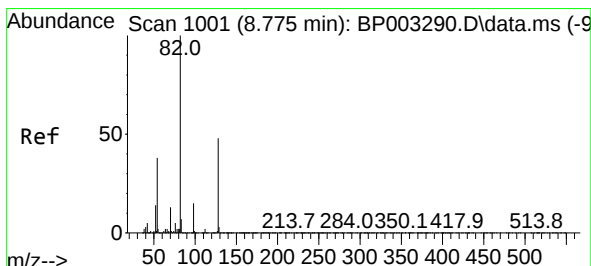
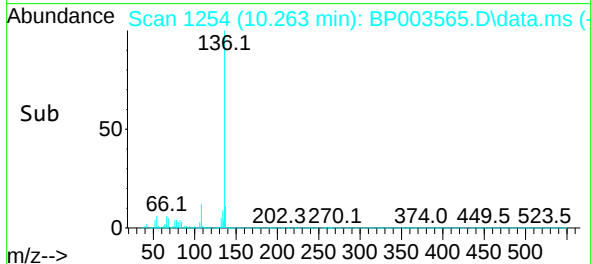
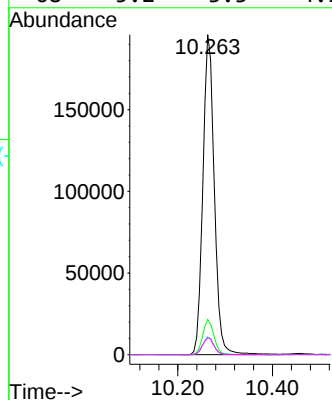
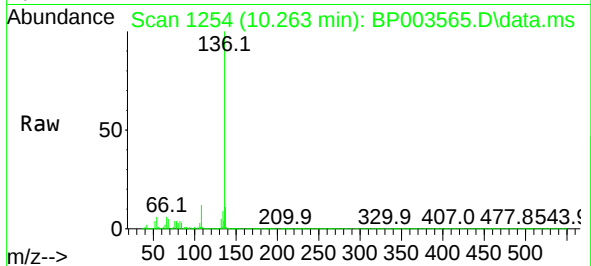




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.263 min Scan# 1254
Delta R.T. -0.012 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

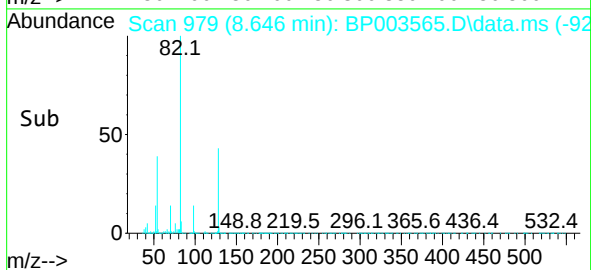
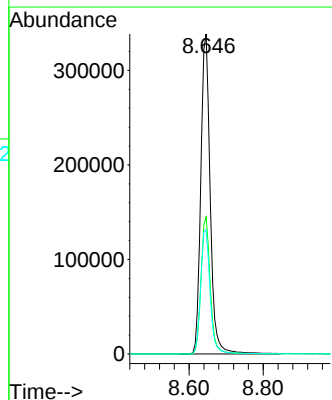
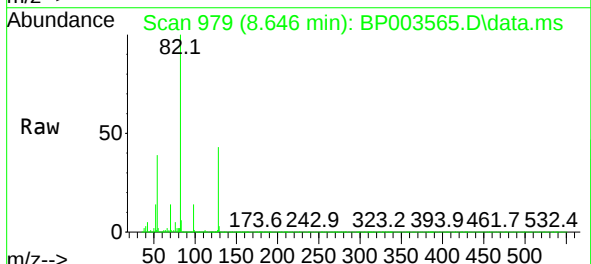
Instrument :
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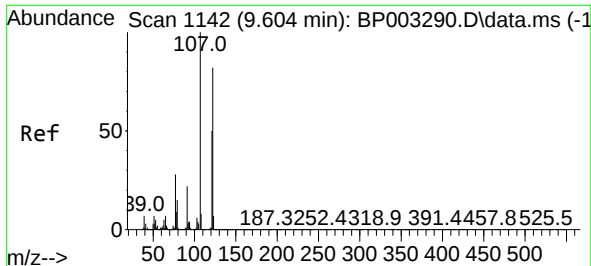
Tgt Ion:	136	Resp:	327915
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.7	3.6	5.4#
68	5.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 106.89 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion:	82	Resp:	596645
Ion Ratio	Lower	Upper	
82	100		
128	42.8	45.6	68.4#
54	38.8	30.1	45.1

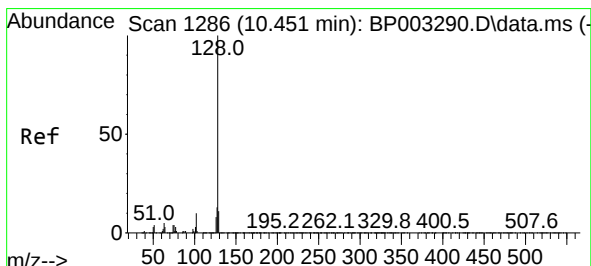
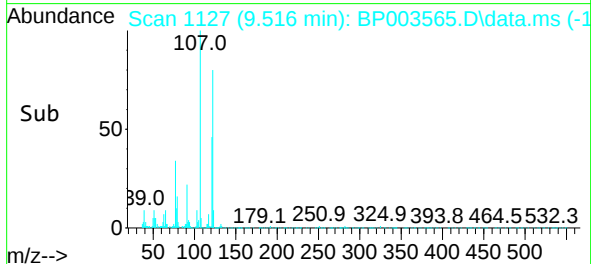
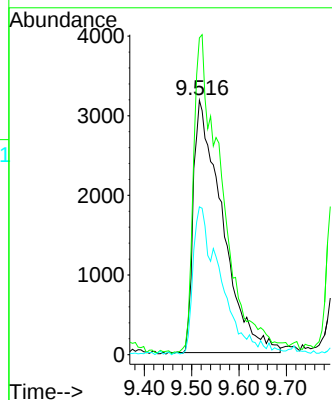
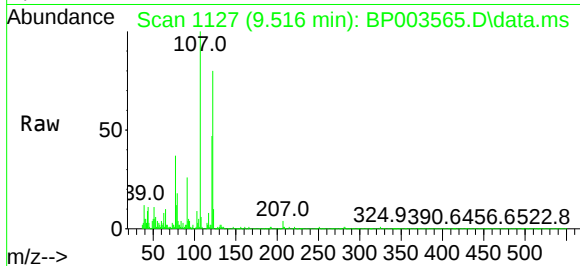




#27
2,4-Dimethylphenol
Concen: 3.12 ng
RT: 9.516 min Scan# 1127
Delta R.T. 0.030 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

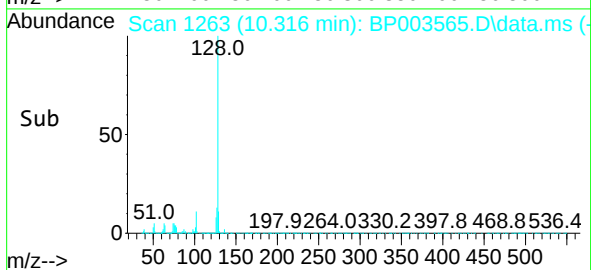
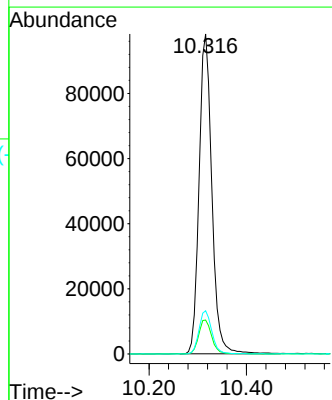
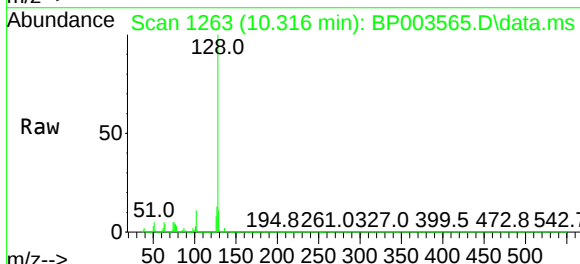
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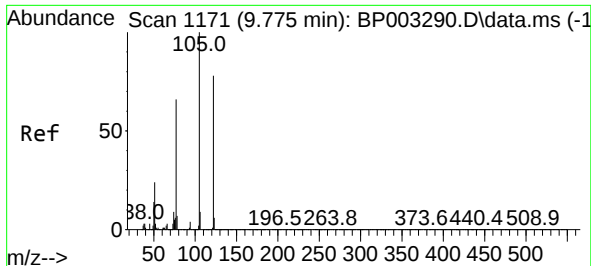
Tgt Ion:122 Resp: 13456
Ion Ratio Lower Upper
122 100
107 124.5 87.3 130.9
121 58.1 47.3 70.9



#31
Naphthalene
Concen: 10.32 ng
RT: 10.316 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

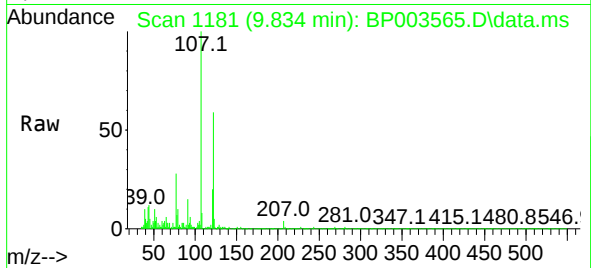
Tgt Ion:128 Resp: 178820
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.5 10.6 15.8



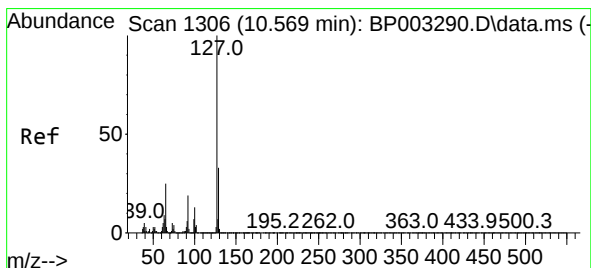
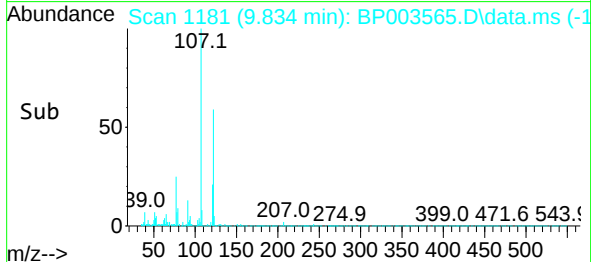
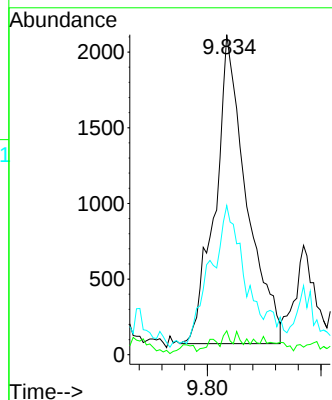


#32
Benzoic acid
Concen: 11.21 ng
RT: 9.834 min Scan# 1181
Delta R.T. 0.141 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

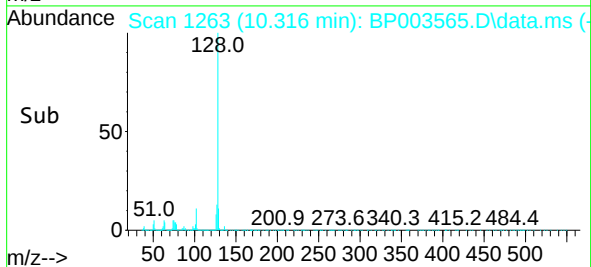
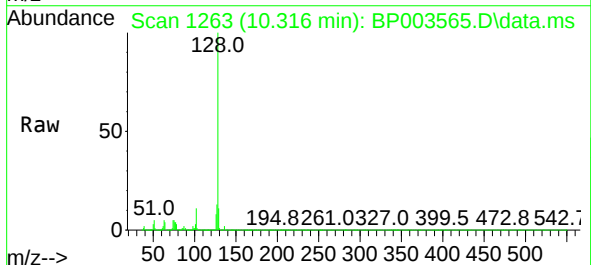
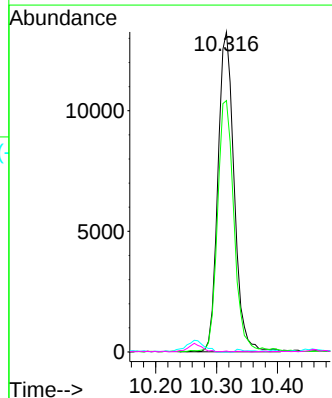


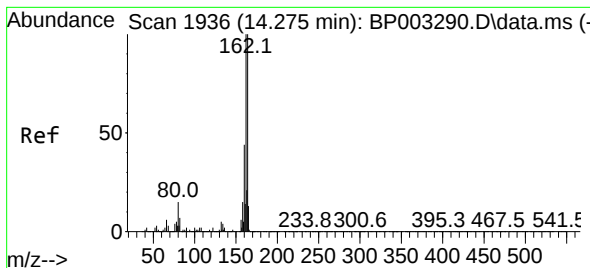
Tgt Ion:122 Resp: 7823
Ion Ratio Lower Upper
122 100
105 7.5 94.1 134.1#
77 46.6 50.1 90.1#



#33
4-Chloroaniline
Concen: 3.32 ng
RT: 10.316 min Scan# 1263
Delta R.T. -0.135 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion:127 Resp: 24457
Ion Ratio Lower Upper
127 100
129 78.6 25.7 38.5#
65 0.0 17.3 25.9#
92 0.3 12.9 19.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.151 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

Instrument :

BNA_P

ClientSampleId :

PAV-B23-100220-0-10

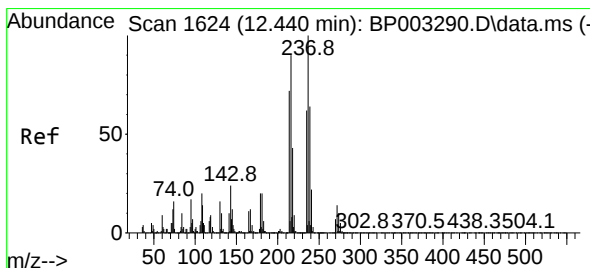
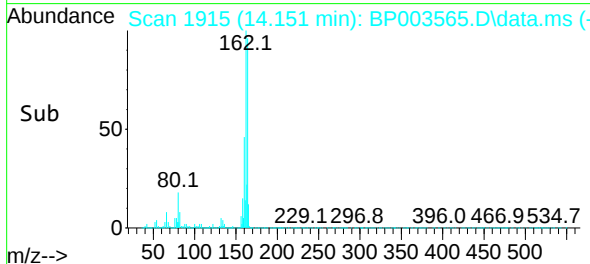
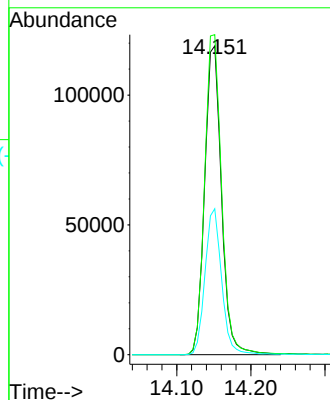
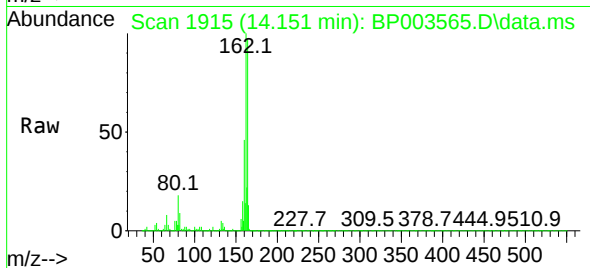
Tgt Ion:164 Resp: 188373

Ion Ratio Lower Upper

164 100

162 103.6 79.4 119.2

160 47.3 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.85 ng

RT: 12.351 min Scan# 1609

Delta R.T. 0.035 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

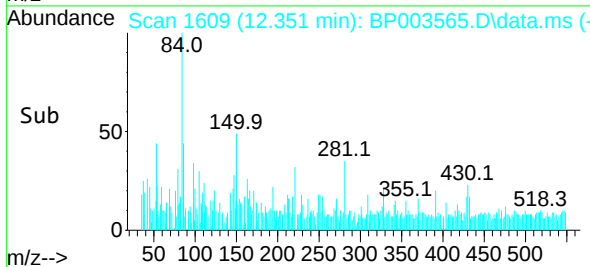
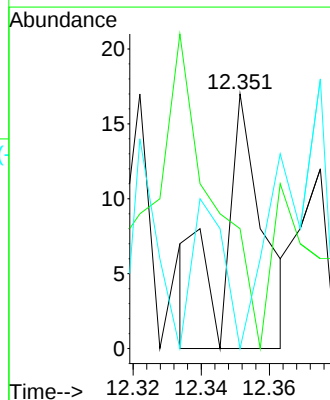
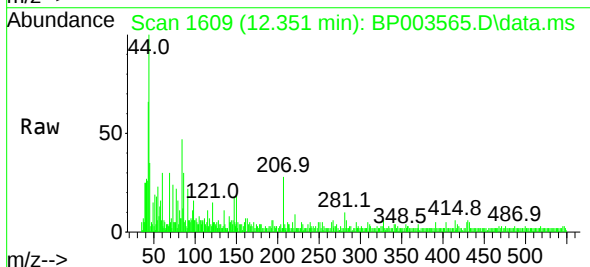
Tgt Ion:237 Resp: 14

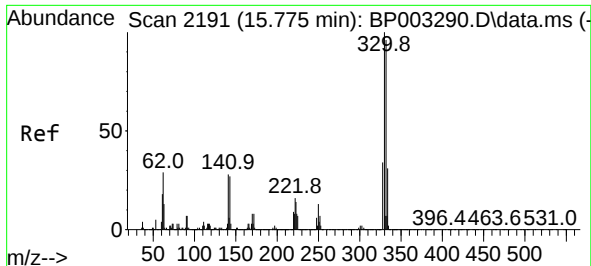
Ion Ratio Lower Upper

237 100

235 47.1 43.2 83.2

272 0.0 0.0 33.3

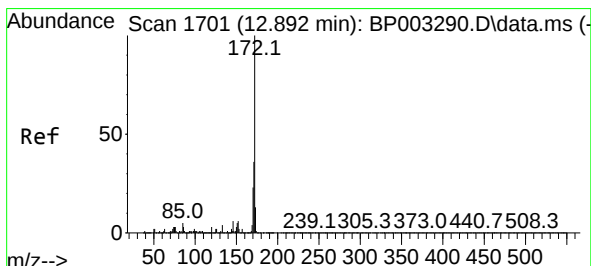
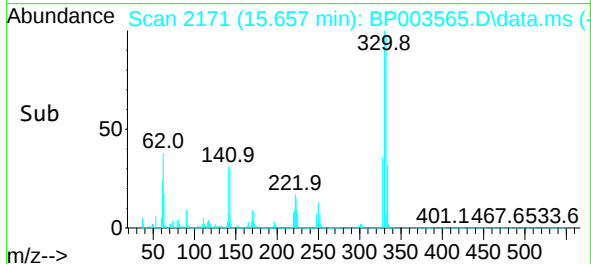
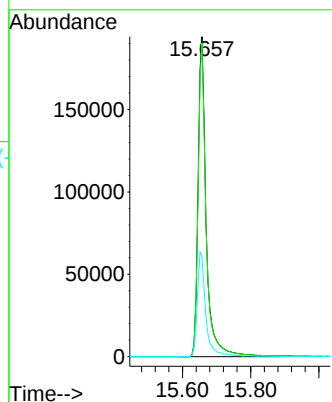
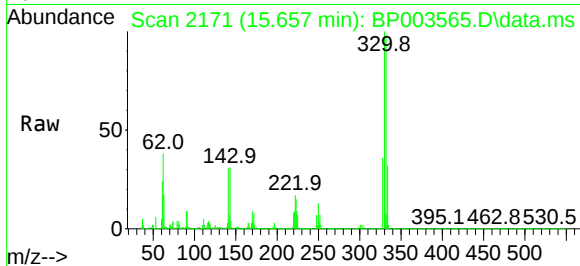




#42
2,4,6-Tribromophenol
Concen: 112.40 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

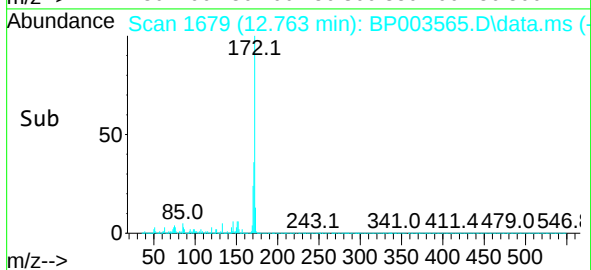
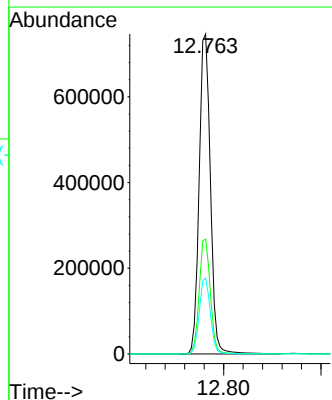
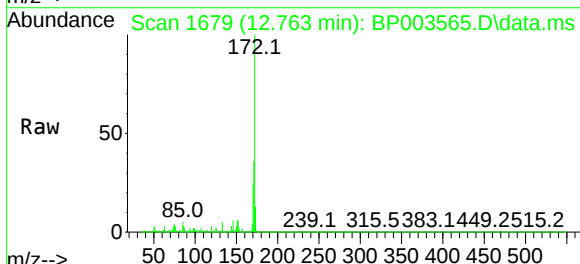
Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

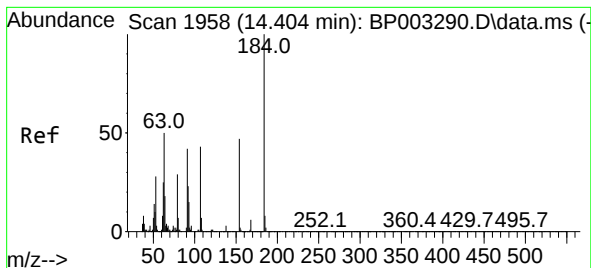
Tgt Ion:330 Resp: 322940
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 34.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion:172 Resp: 1200718
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.7 19.2 28.8

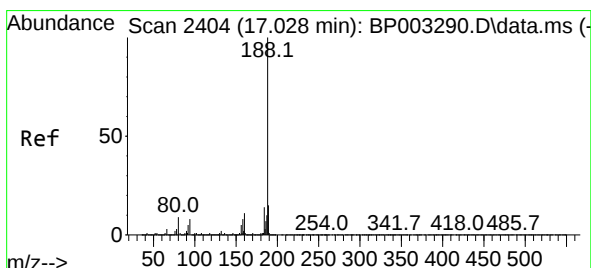
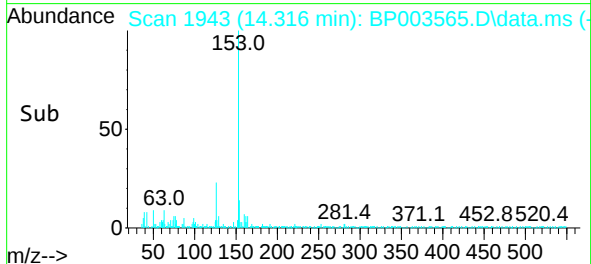
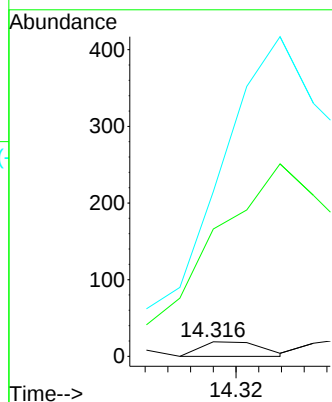
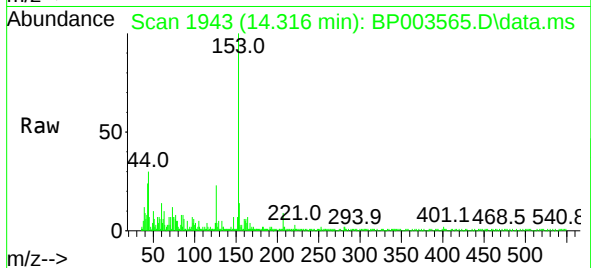




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

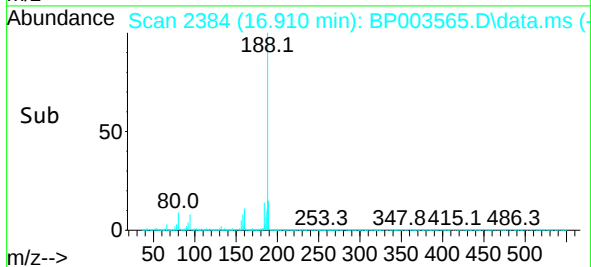
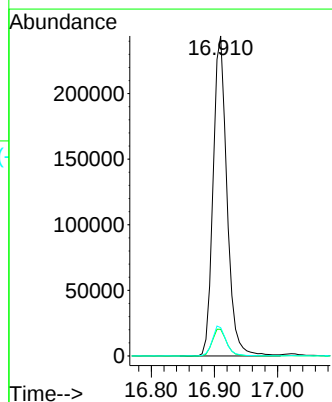
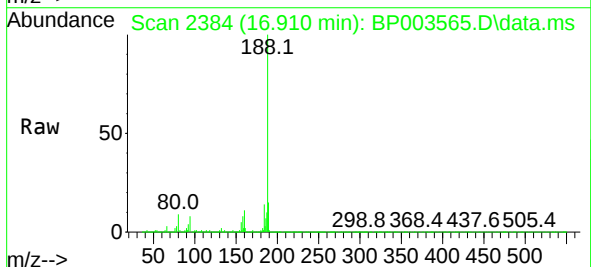
Instrument :
BNA_P
ClientSampleId :
PAV-B23-100220-0-10

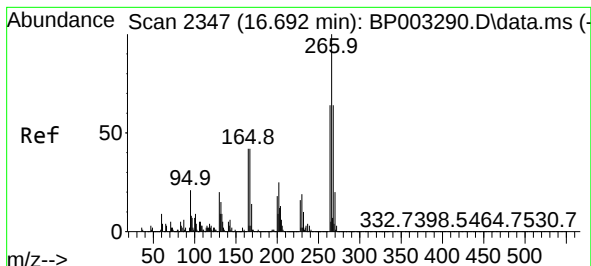
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 873.7 32.3 48.5#
154 1131.6 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003565.D
Acq: 07 Oct 2020 22:15

Tgt Ion:188 Resp: 371780
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.8 6.2 9.2





#70

Pentachlorophenol

Concen: 6.78 ng

RT: 16.592 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

Instrument :

BNA_P

ClientSampleId :

PAV-B23-100220-0-10

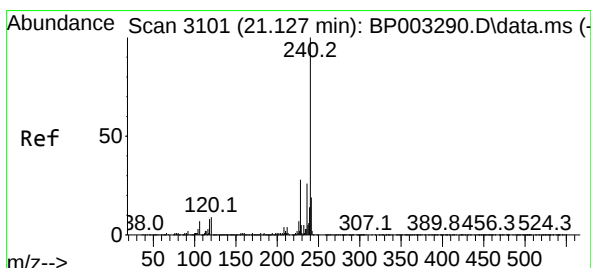
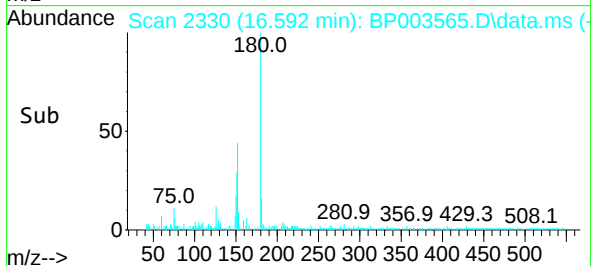
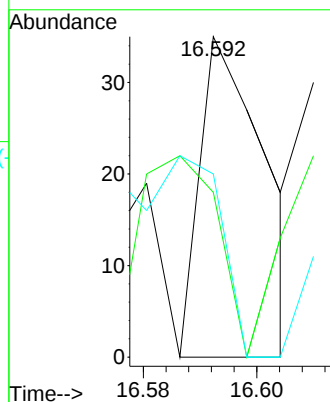
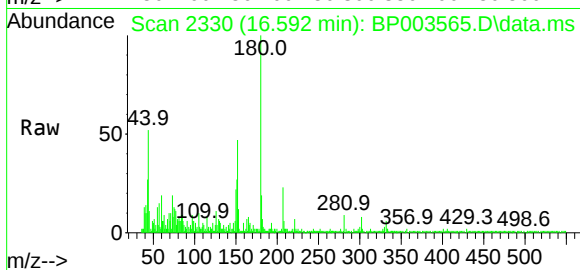
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

268 51.4 51.1 76.7

264 68.6 50.6 76.0



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.016 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

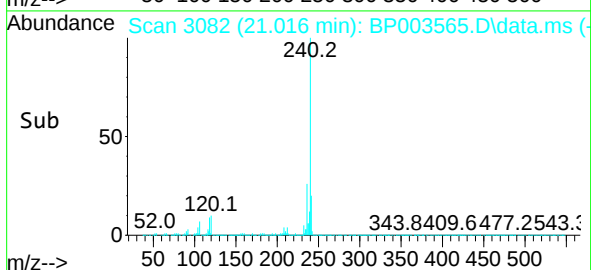
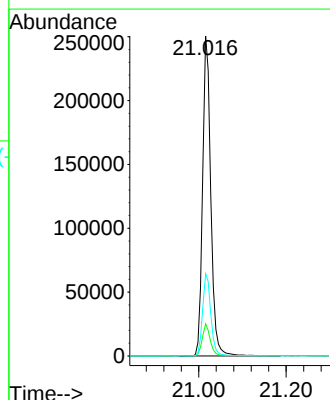
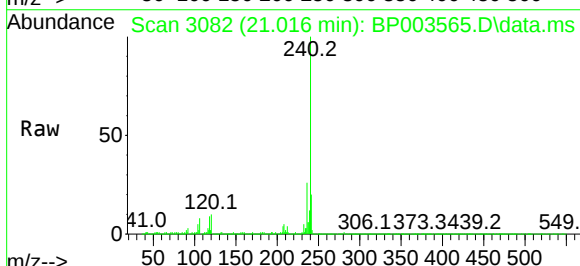
Tgt Ion:240 Resp: 327831

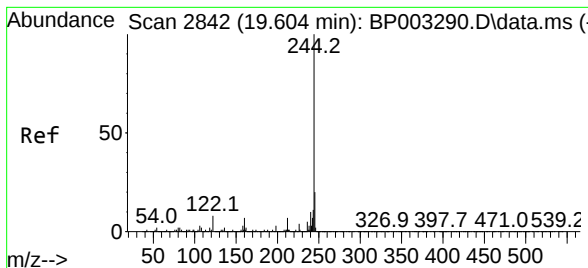
Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.6

236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 94.58 ng

RT: 19.492 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

Instrument :

BNA_P

ClientSampleId :

PAV-B23-100220-0-10

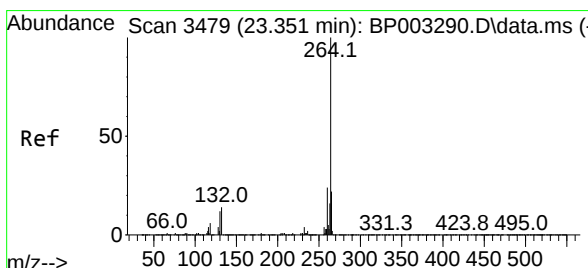
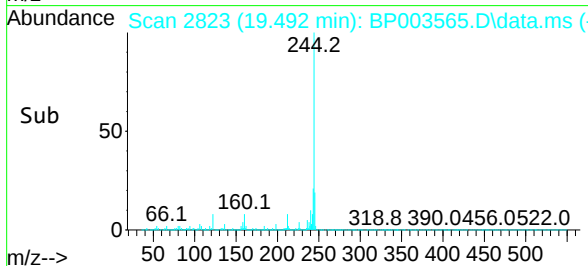
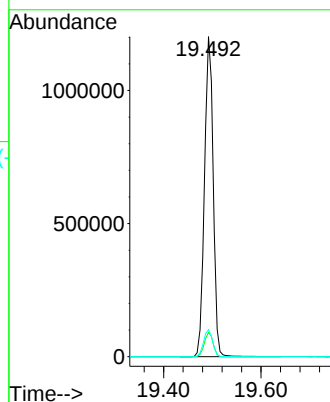
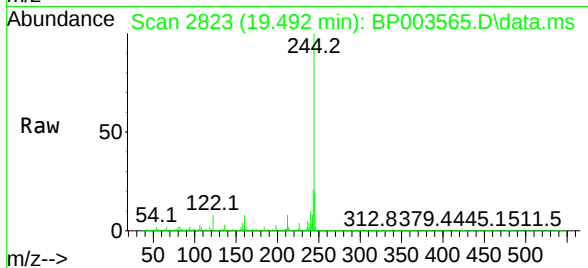
Tgt Ion:244 Resp: 1488177

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 8.5 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.186 min Scan# 3451

Delta R.T. -0.012 min

Lab File: BP003565.D

Acq: 07 Oct 2020 22:15

Tgt Ion:264 Resp: 382411

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.4 26.2

