

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003546.D
 Acq On : 07 Oct 2020 07:51
 Operator : CG/JU
 Sample : L4250-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-10

Quant Time: Oct 07 08:21:09 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)

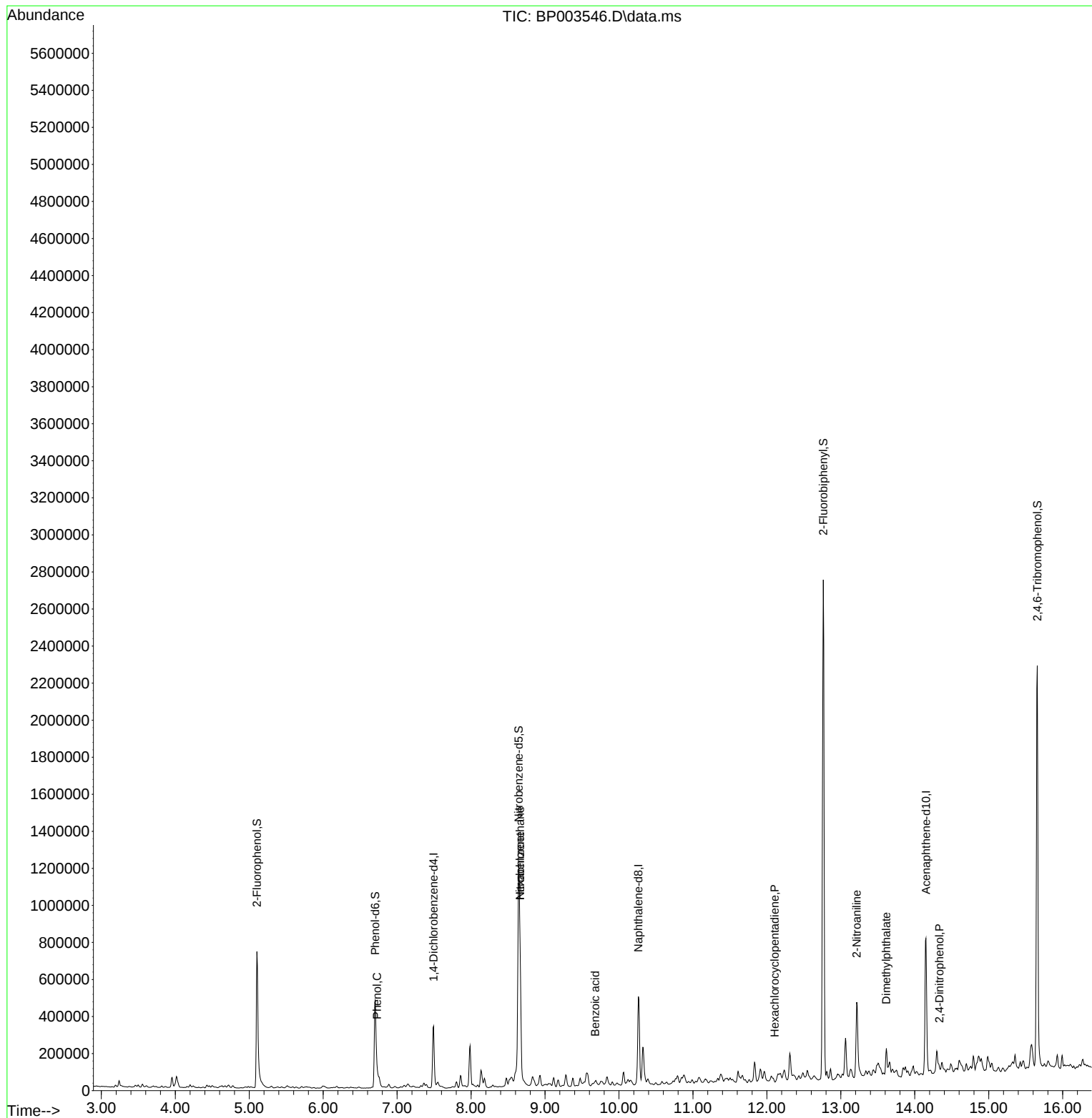
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.492	152	92543	20.00	ng	0.00
21) Naphthalene-d8	10.263	136	378023	20.00	ng	#-0.01
39) Acenaphthene-d10	14.151	164	232494	20.00	ng	0.00
64) Phenanthrene-d10	16.904	188	501449	20.00	ng	#-0.01
76) Chrysene-d12	21.015	240	559494	20.00	ng	-0.01
86) Perylene-d12	23.186	264	617947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.104	112	381776	72.04	ng	0.00
7) Phenol-d6	6.704	99	355652	50.34	ng	0.00
23) Nitrobenzene-d5	8.645	82	702570	109.19	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	464126	130.88	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1419473	89.29	ng	-0.01
79) Terphenyl-d14	19.498	244	2044173	76.13	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.728	94	13827	2.05	ng	# 55
18) Hexachloroethane	8.663	117	261216	98.20	ng	# 1
24) Nitrobenzene	8.663	77	16640	2.58	ng	# 7
32) Benzoic acid	9.681	122	119	9.18	ng	# 1
41) Hexachlorocyclopentadiene	12.104	237	10	6.84	ng	88
48) 2-Nitroaniline	13.216	65	12997	3.58	ng	# 3
50) Dimethylphthalate	13.616	163	94625	5.10	ng	99
54) 2,4-Dinitrophenol	14.333	184	27	7.27	ng	# 1
70) Pentachlorophenol	16.716	266	45	6.78	ng	87

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

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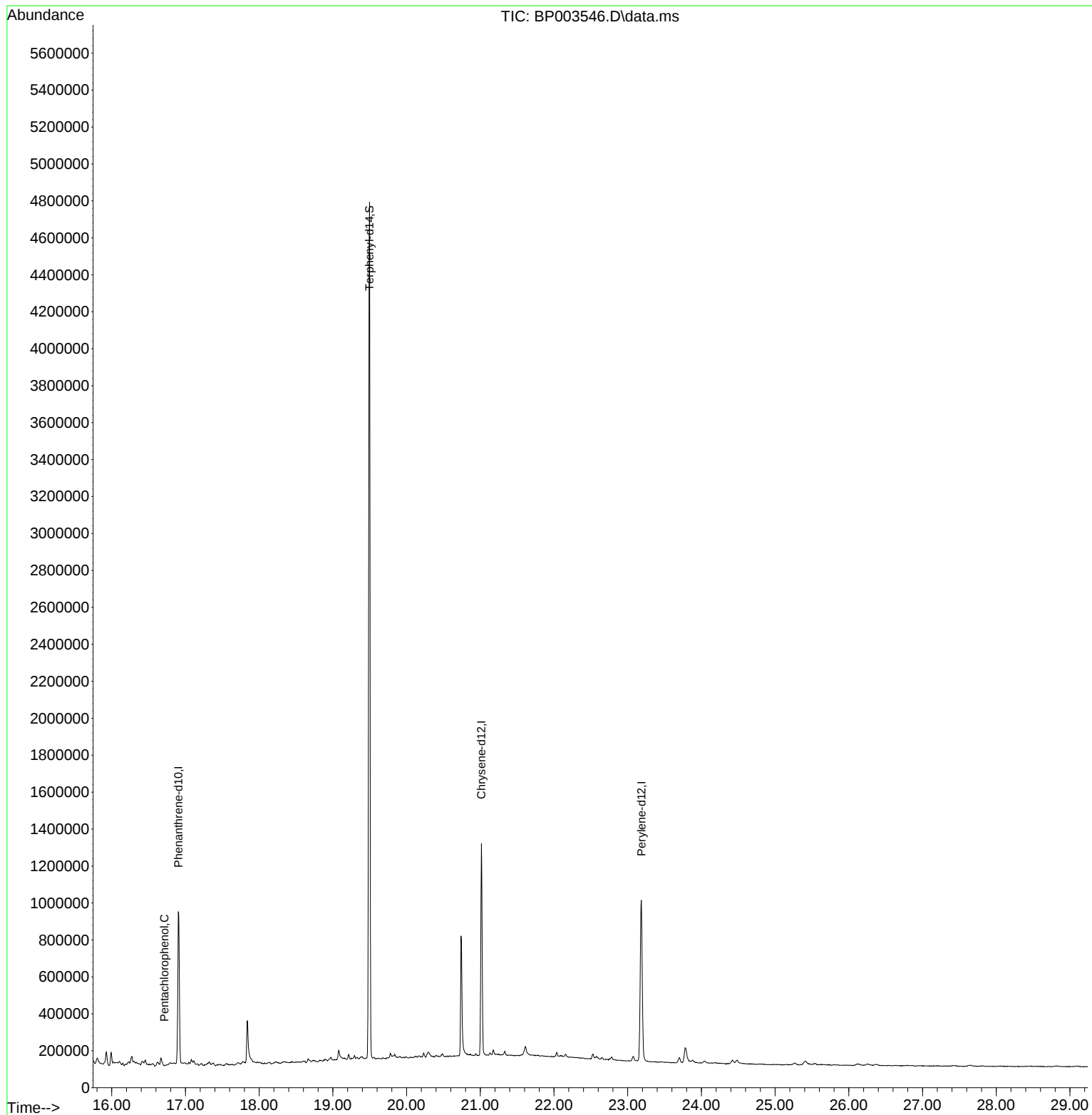
Quant Time: Oct 07 08:21:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

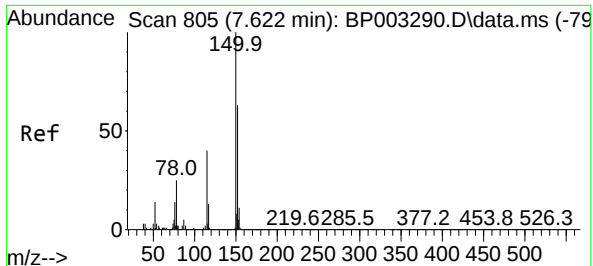


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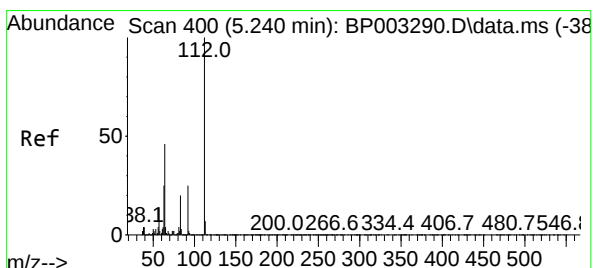
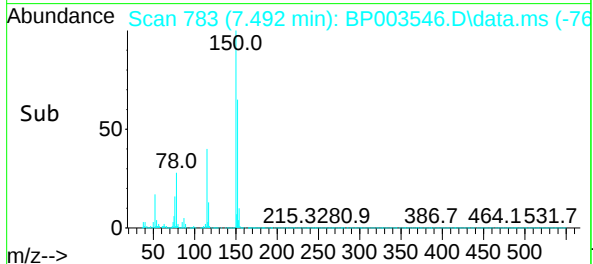
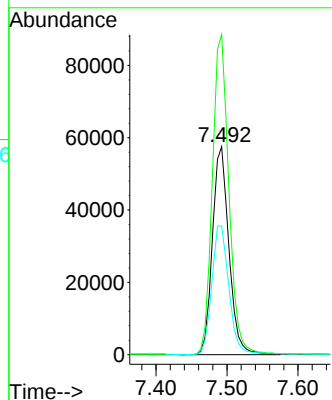
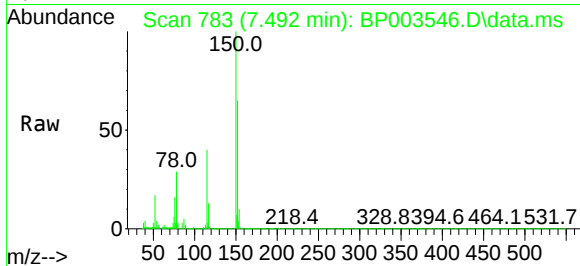




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.492 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

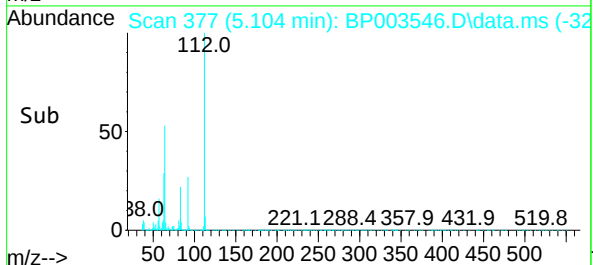
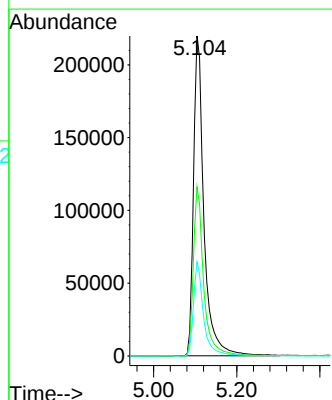
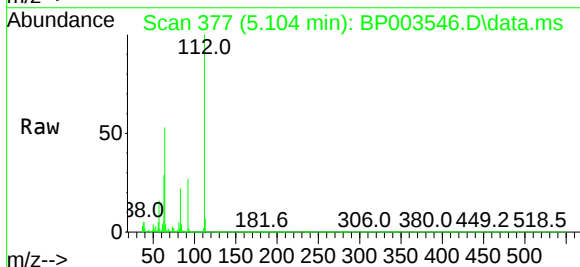
Instrument :
BNA_P
ClientSampleId :
MW-10

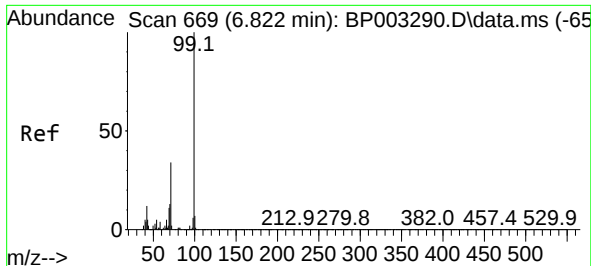
Tgt Ion:152 Resp: 92543
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 62.0 43.8 65.6



#5
2-Fluorophenol
Concen: 72.04 ng
RT: 5.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:112 Resp: 381776
Ion Ratio Lower Upper
112 100
64 52.9 32.8 49.2#
63 29.4 17.0 25.4#

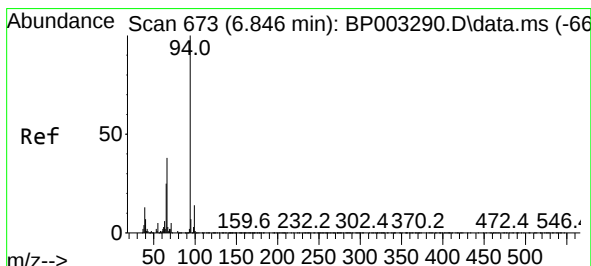
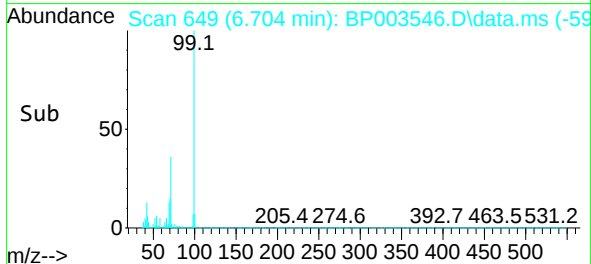
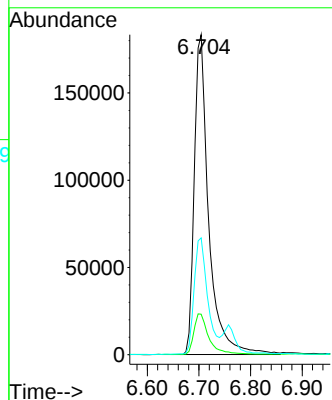
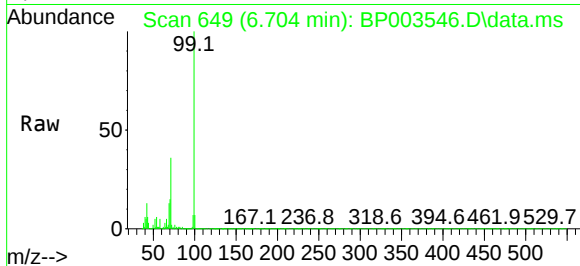




#7
Phenol-d6
Concen: 50.34 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.000 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

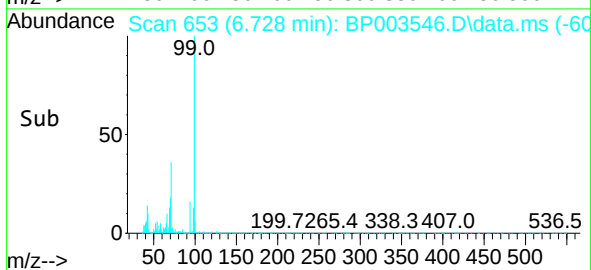
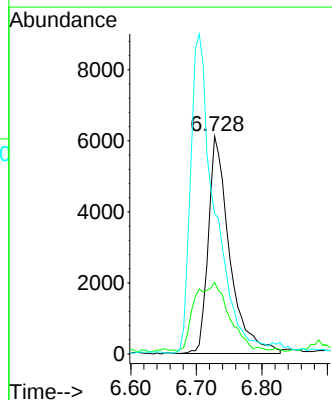
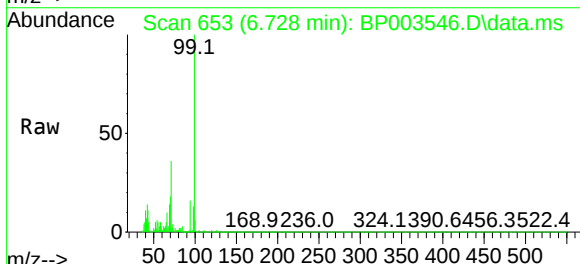
Instrument :
BNA_P
ClientSampleId :
MW-10

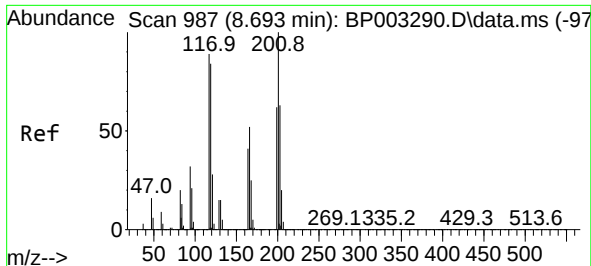
Tgt Ion: 99 Resp: 355652
Ion Ratio Lower Upper
99 100
42 12.6 8.6 13.0
71 36.5 23.4 35.2#



#10
Phenol
Concen: 2.05 ng
RT: 6.728 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion: 94 Resp: 13827
Ion Ratio Lower Upper
94 100
65 32.9 2.3 42.3
66 64.5 10.9 50.9#

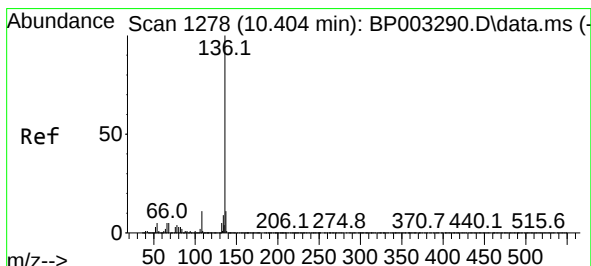
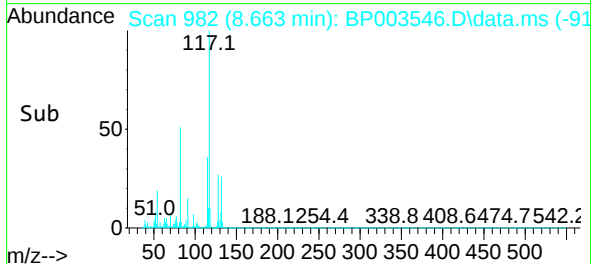
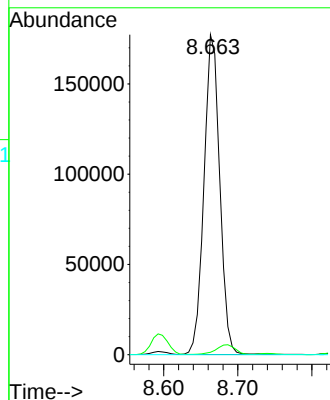
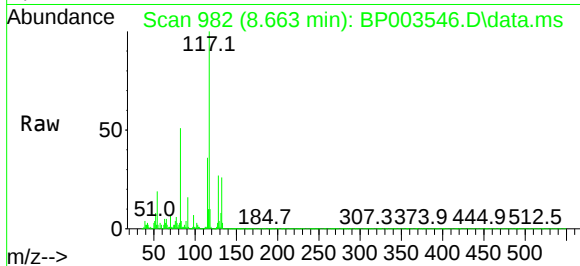




#18
Hexachloroethane
Concen: 98.20 ng
RT: 8.663 min Scan# 982
Delta R.T. 0.100 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

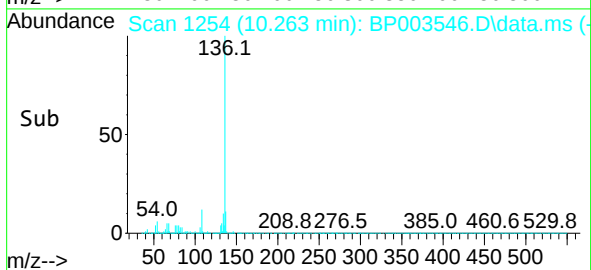
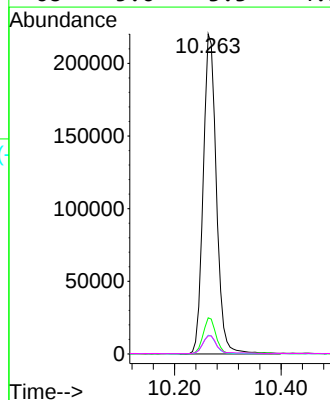
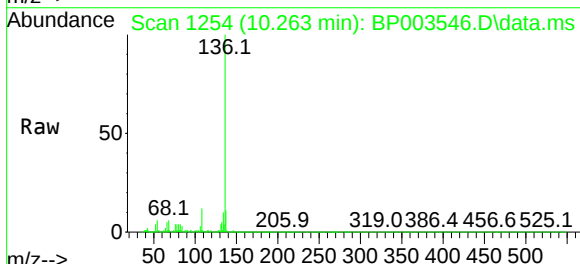
Instrument :
BNA_P
ClientSampled :
MW-10

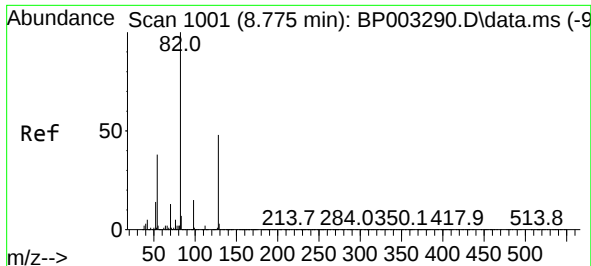
Tgt Ion:117 Resp: 261216
Ion Ratio Lower Upper
117 100
119 0.8 78.8 118.2#
201 0.0 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.263 min Scan# 1254
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:136 Resp: 378023
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.9 3.6 5.4#
68 5.6 3.3 4.9#

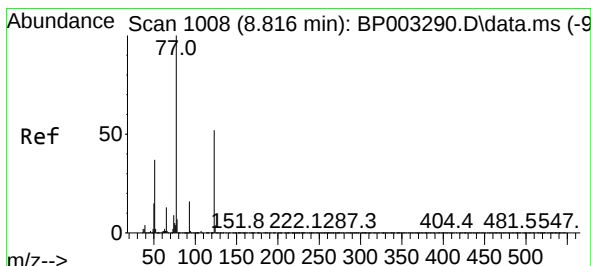
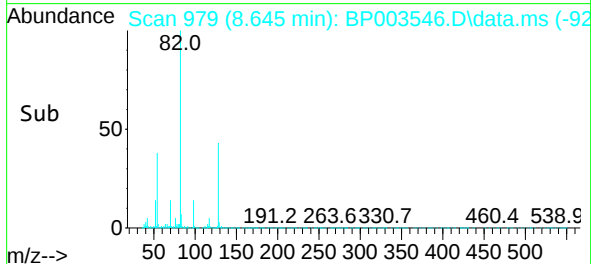
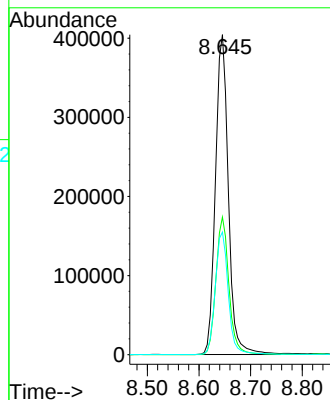
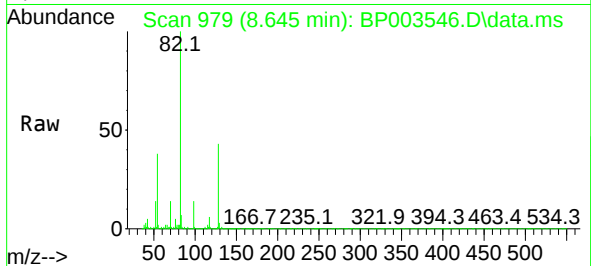




#23
Nitrobenzene-d5
Concen: 109.19 ng
RT: 8.645 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

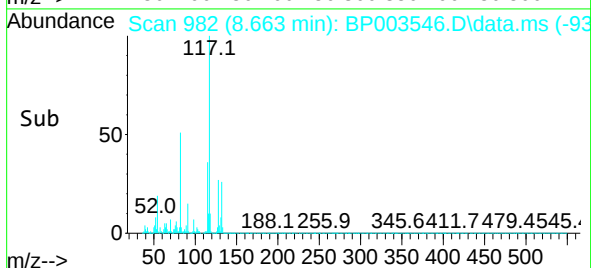
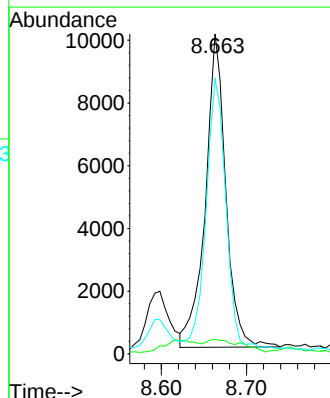
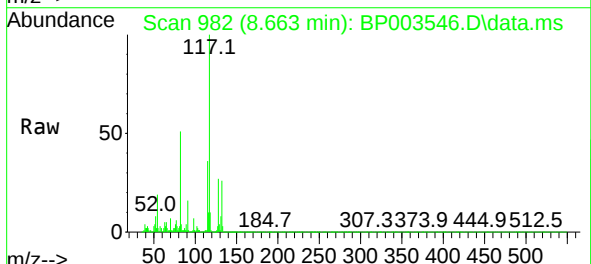
Instrument :
BNA_P
ClientSampleId :
MW-10

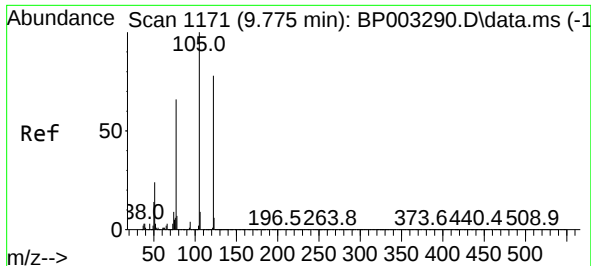
Tgt Ion: 82 Resp: 702570
Ion Ratio Lower Upper
82 100
128 43.0 45.6 68.4#
54 38.3 30.1 45.1



#24
Nitrobenzene
Concen: 2.58 ng
RT: 8.663 min Scan# 982
Delta R.T. -0.030 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion: 77 Resp: 16640
Ion Ratio Lower Upper
77 100
123 4.6 48.6 72.8#
65 85.9 10.0 15.0#

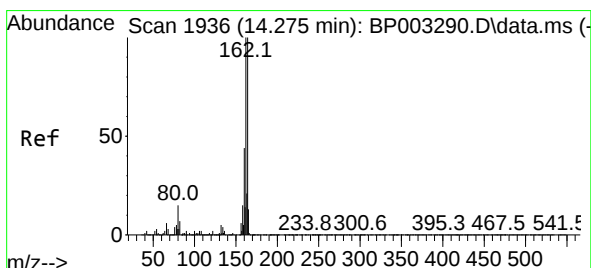
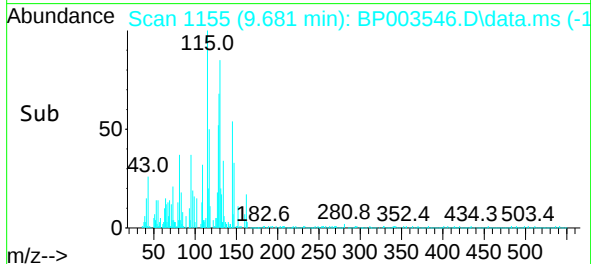
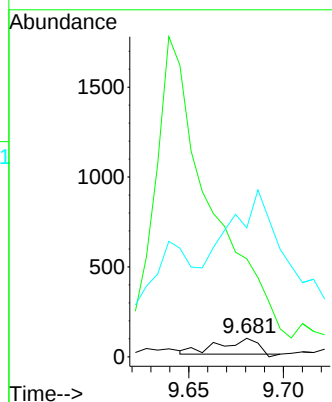
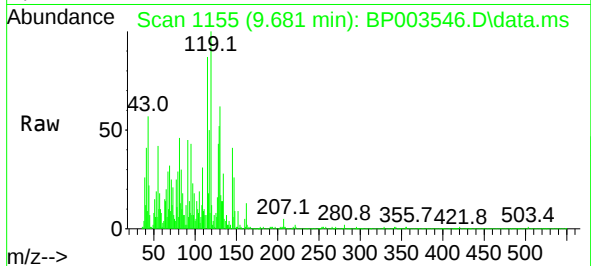




#32
Benzoic acid
Concen: 9.18 ng
RT: 9.681 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

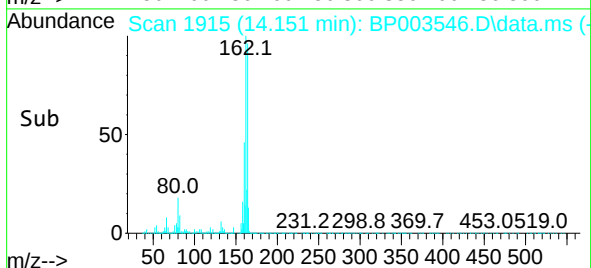
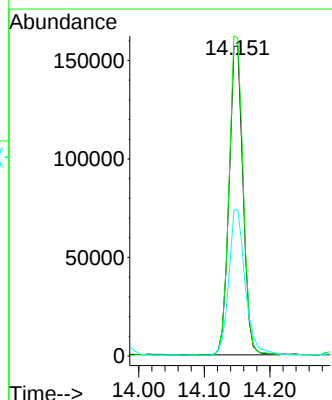
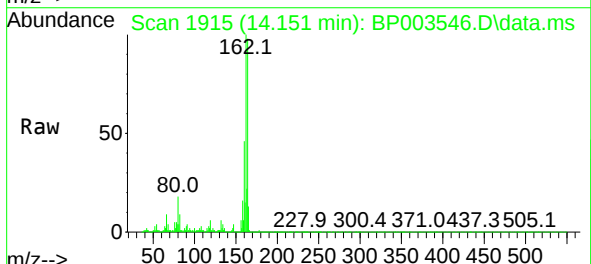
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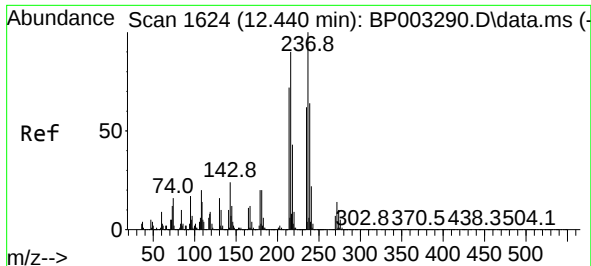
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 529.1 94.1 134.1#
77 696.1 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:164 Resp: 232494
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.2
160 47.1 36.1 54.1

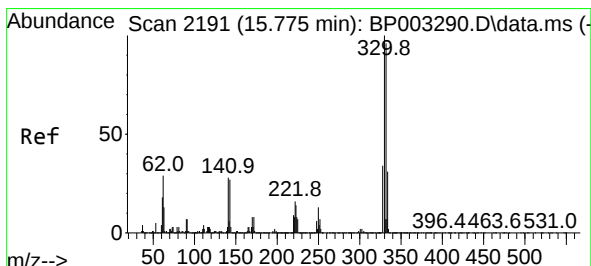
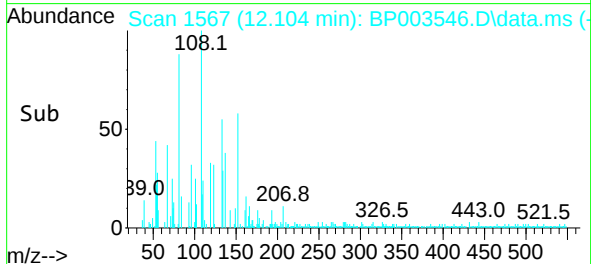
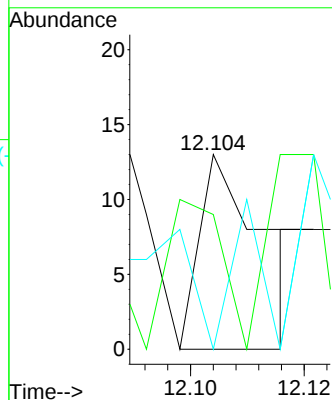
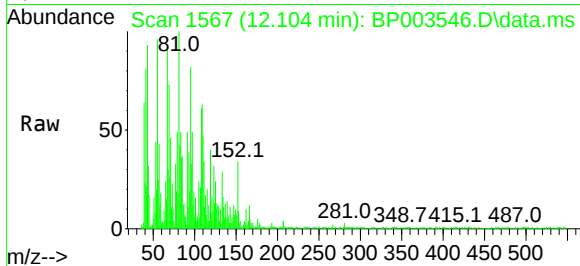




#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.104 min Scan# 1567
Delta R.T. -0.212 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

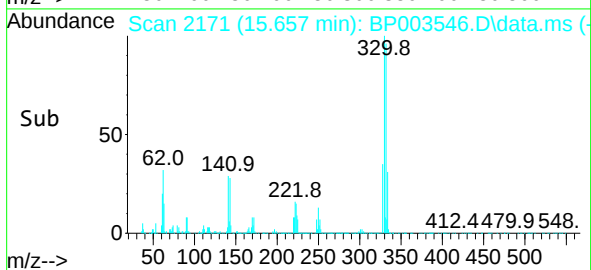
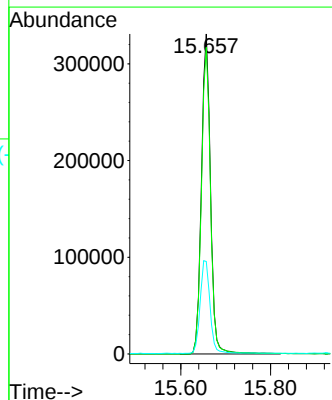
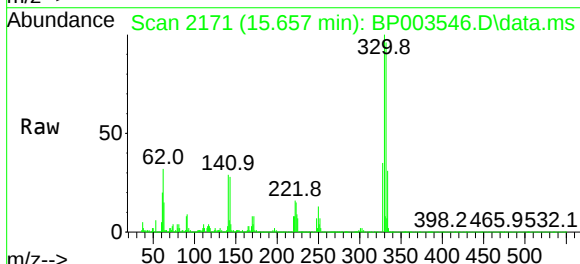
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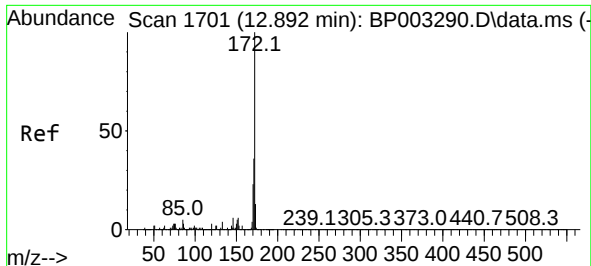
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	69.2	43.2	83.2
272	0.0	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 130.88 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:	330	Resp:	464126
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	31.6	23.4	35.2

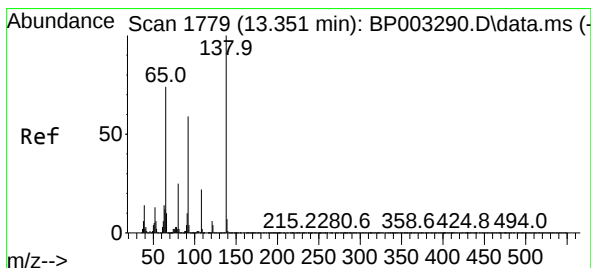
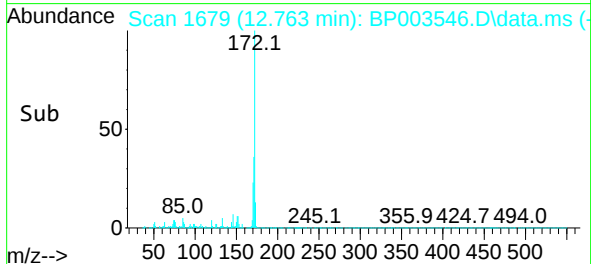
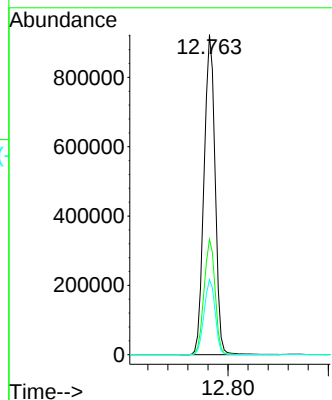
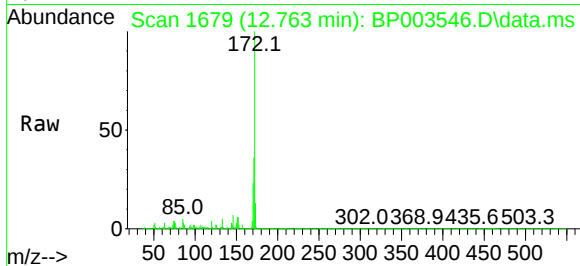




#45
2-Fluorobiphenyl
Concen: 89.29 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

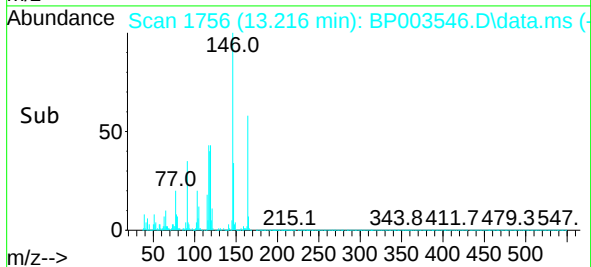
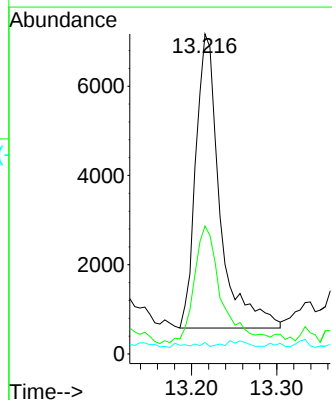
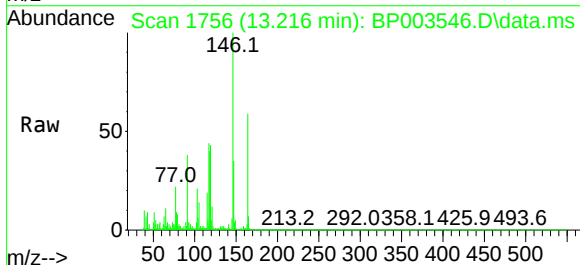
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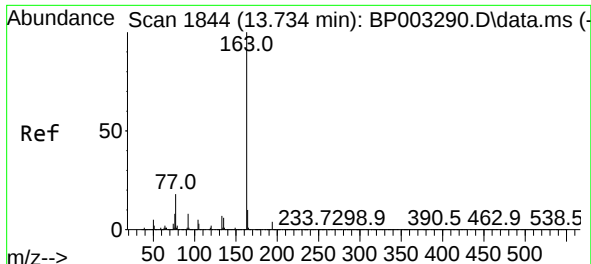
Tgt Ion:172 Resp: 1419473
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.2 28.8



#48
2-Nitroaniline
Concen: 3.58 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.030 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion: 65 Resp: 12997
Ion Ratio Lower Upper
65 100
92 39.9 70.6 106.0#
138 3.6 133.6 200.4#

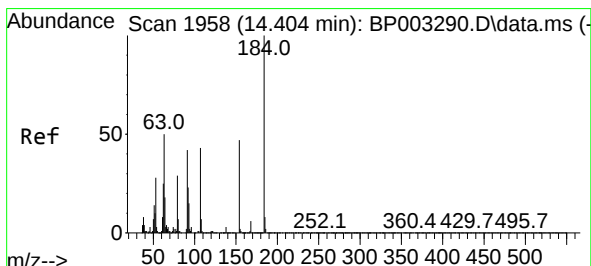
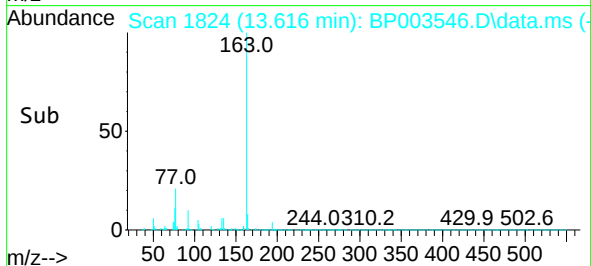
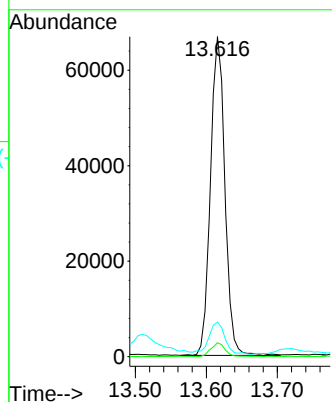
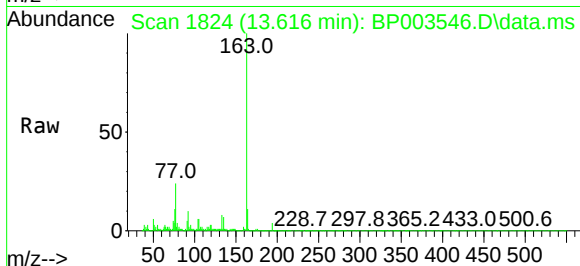




#50
Dimethylphthalate
Concen: 5.10 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

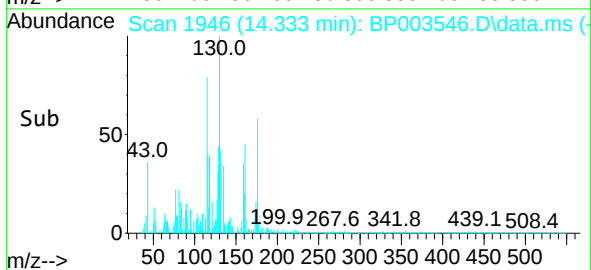
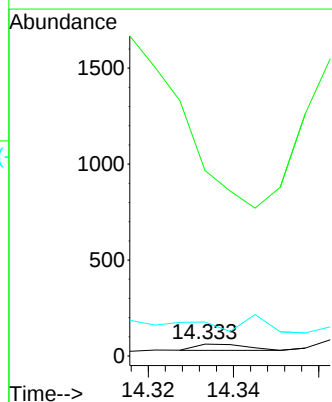
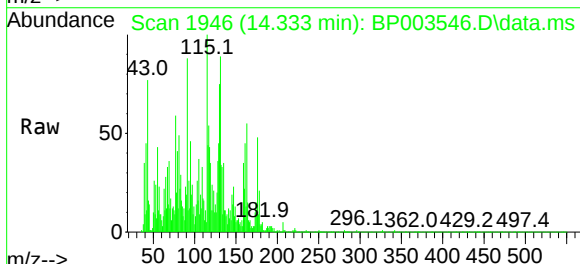
Instrument :
BNA_P
ClientSampleId :
MW-10

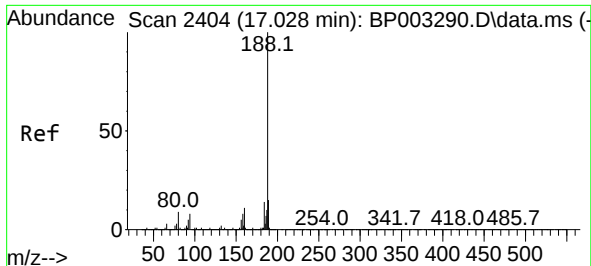
Tgt Ion:	163	Resp:	94625
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.8	8.2	12.2



#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.333 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:	184	Resp:	27
Ion Ratio	Lower	Upper	
184	100		
63	1559.7	32.3	48.5#
154	285.5	49.1	73.7#

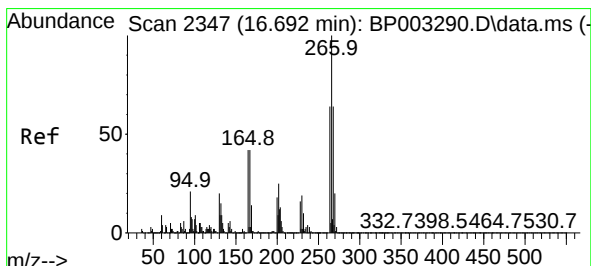
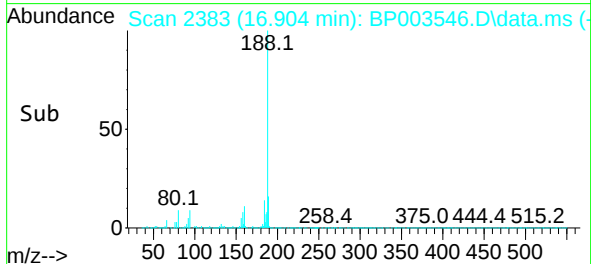
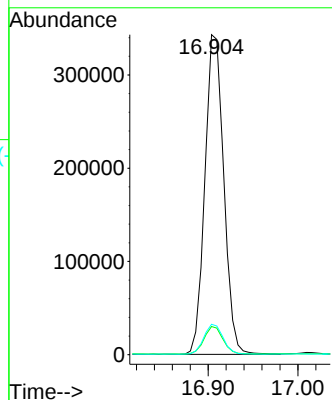
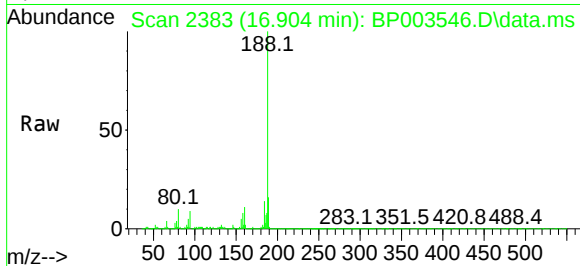




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.904 min Scan# 2383
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

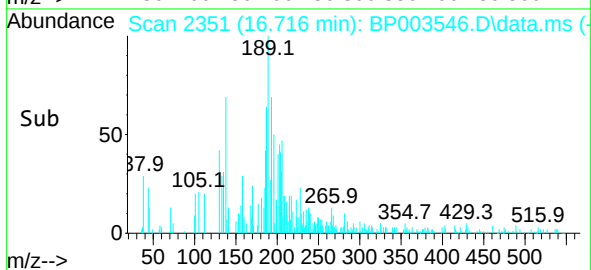
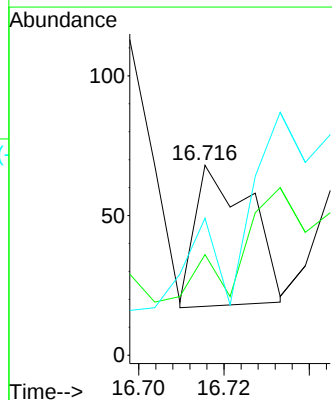
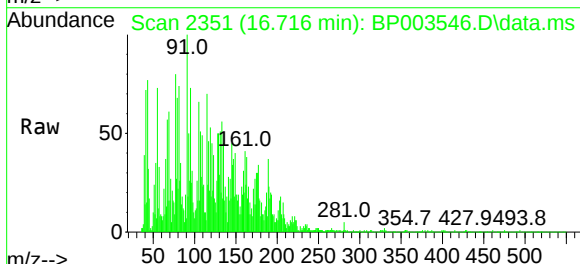
Instrument :
BNA_P
ClientSampleId :
MW-10

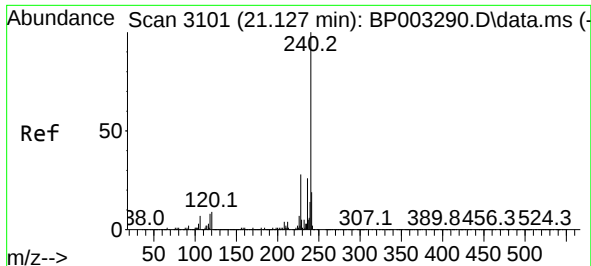
Tgt Ion:188 Resp: 501449
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.5 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.716 min Scan# 2351
Delta R.T. 0.123 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
268 52.9 51.1 76.7
264 72.1 50.6 76.0

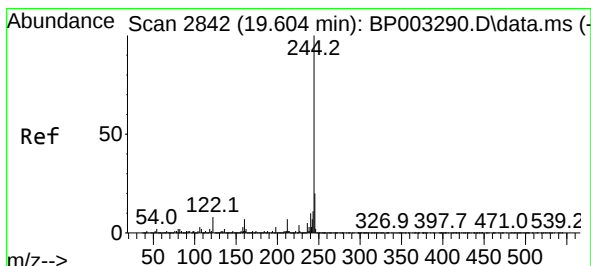
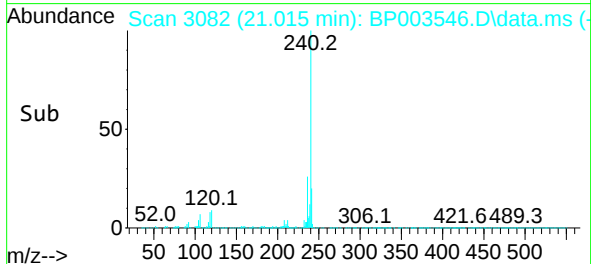
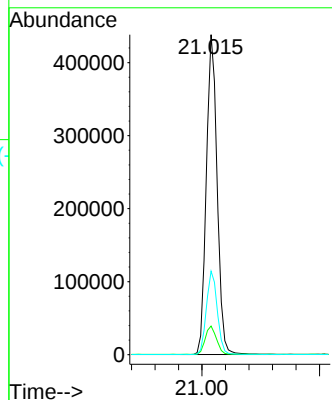
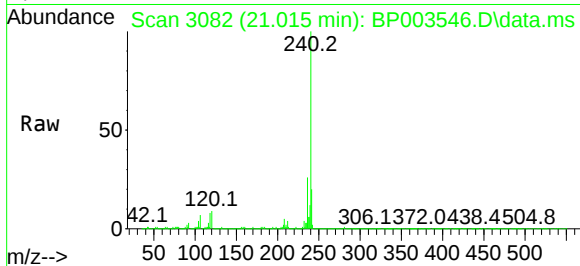




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

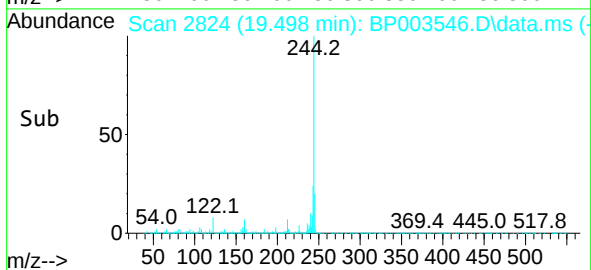
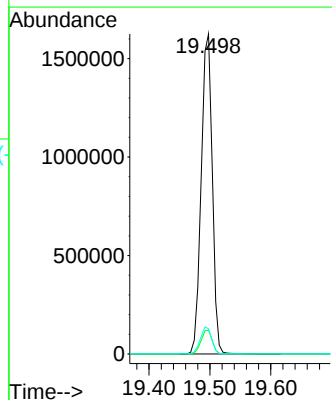
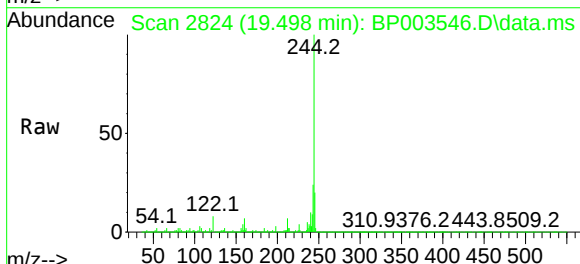
Instrument :
BNA_P
ClientSampleId :
MW-10

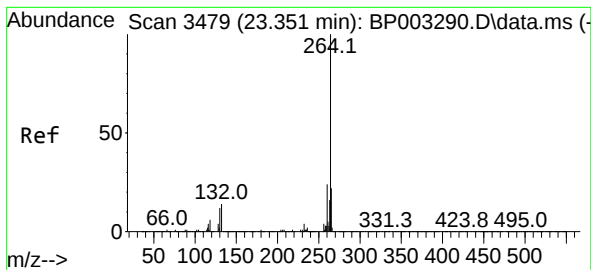
Tgt Ion:240 Resp: 559494
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 76.13 ng
RT: 19.498 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP003546.D
Acq: 07 Oct 2020 07:51

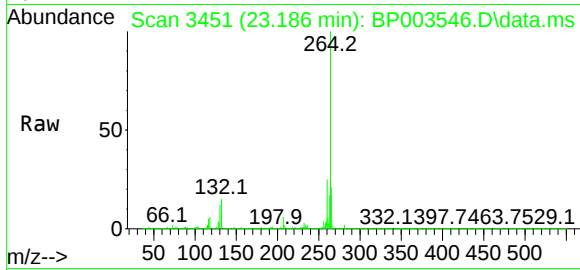
Tgt Ion:244 Resp: 2044173
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.186 min Scan# 3451
 Delta R.T. -0.012 min
 Lab File: BP003546.D
 Acq: 07 Oct 2020 07:51

Instrument :
 BNA_P
 ClientSampleId :
 MW-10



Tgt Ion:264 Resp: 617947

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.5	17.4	26.2

