

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
 Data File : BP003365.D
 Acq On : 23 Sep 2020 19:30
 Operator : CG/JU
 Sample : L4053-05DL2 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1799-1801DL2

Quant Time: Sep 24 01:38:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

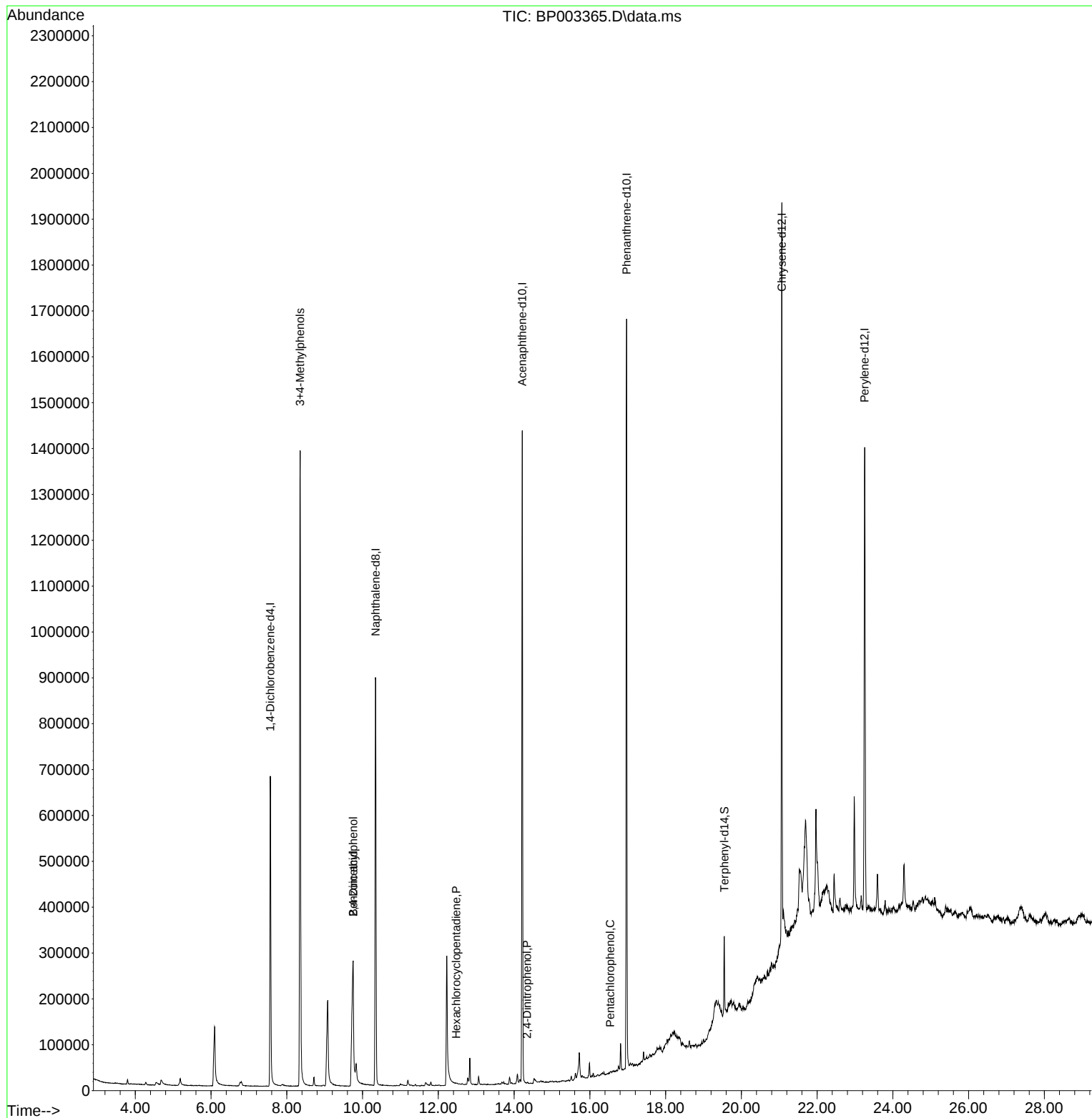
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	191769	20.00	ng	0.00
21) Naphthalene-d8	10.345	136	780566	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	472301	20.00	ng	0.00
64) Phenanthrene-d10	16.969	188	964702	20.00	ng	0.00
76) Chrysene-d12	21.068	240	773816	20.00	ng	0.00
86) Perylene-d12	23.257	264	713881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	6762	0.62	ng	0.00
7) Phenol-d6	6.775	99	5749	0.39	ng	0.00
23) Nitrobenzene-d5	8.716	82	11981	0.90	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	7240	1.01	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	31167	0.97	ng	0.00
79) Terphenyl-d14	19.551	244	94961	2.56	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.351	107	743354	55.25	ng	95
27) 2,4-Dimethylphenol	9.751	122	191087	18.61	ng	# 6
32) Benzoic acid	9.751	122	191087	30.20	ng	84
41) Hexachlorocyclopentadiene	12.475	237	29	6.84	ng	88
54) 2,4-Dinitrophenol	14.339	184	20	7.26	ng	# 1
70) Pentachlorophenol	16.539	266	35	6.78	ng	94

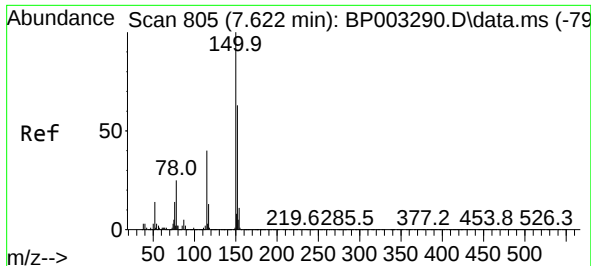
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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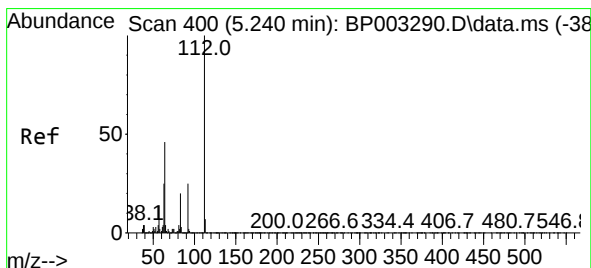
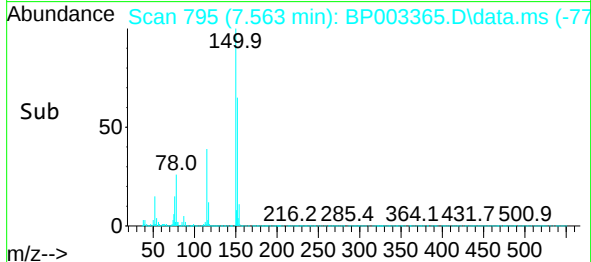
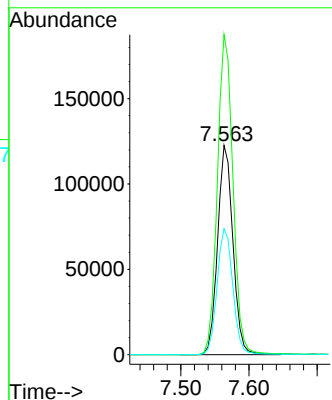
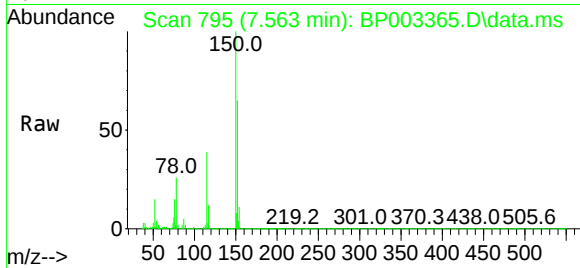




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

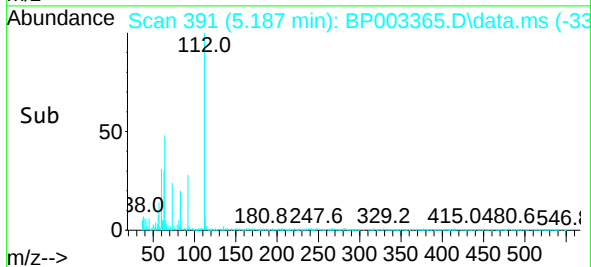
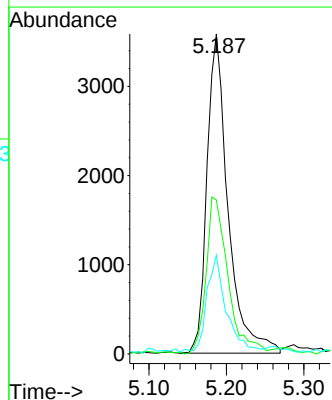
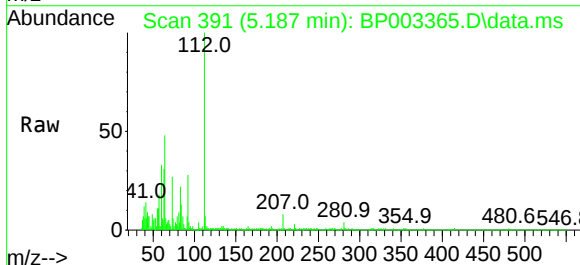
Instrument :
BNA_P
ClientSampleId :
1799-1801DL2

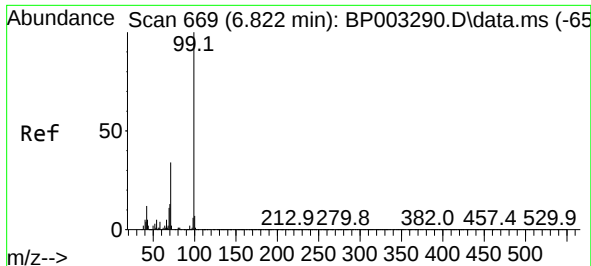
Tgt Ion:152 Resp: 191769
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 0.62 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:112 Resp: 6762
Ion Ratio Lower Upper
112 100
64 48.1 32.8 49.2
63 30.8 17.0 25.4#

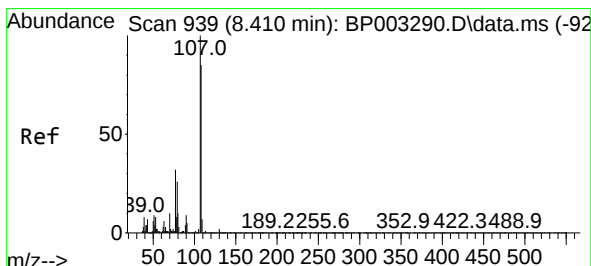
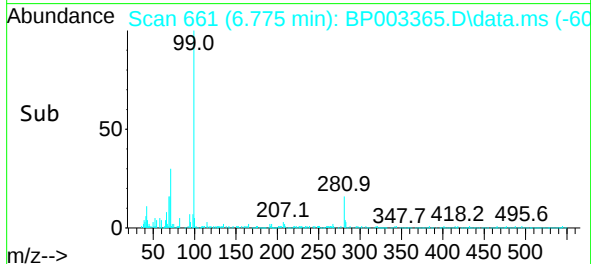
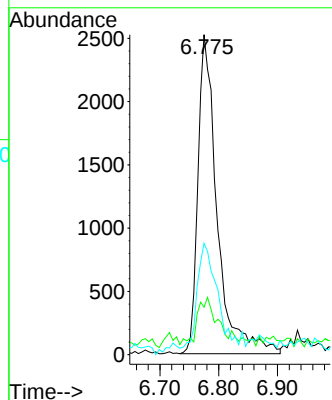
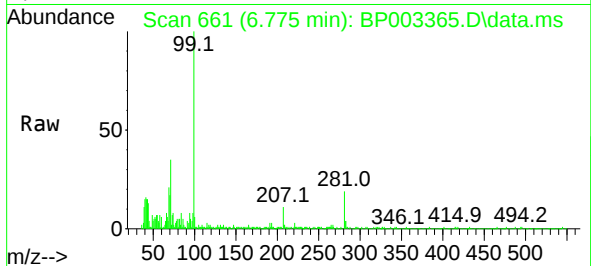




#7
Phenol-d6
Concen: 0.39 ng
RT: 6.775 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

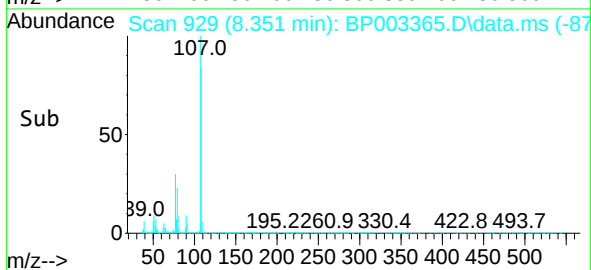
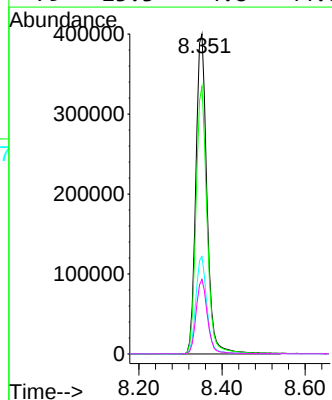
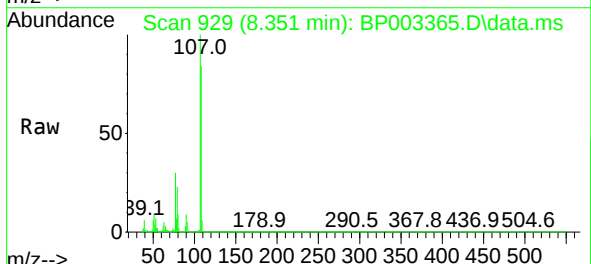
Instrument :
BNA_P
ClientSampleId :
1799-1801DL2

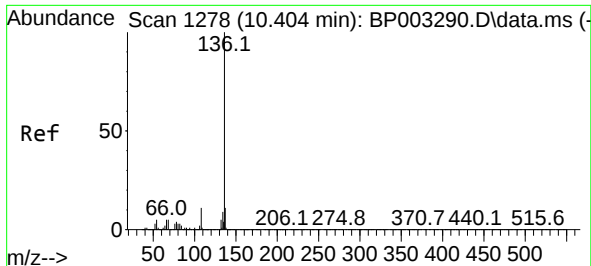
Tgt Ion: 99 Resp: 5749
Ion Ratio Lower Upper
99 100
42 14.9 8.6 13.0#
71 34.8 23.4 35.2



#20
3+4-Methylphenols
Concen: 55.25 ng
RT: 8.351 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion: 107 Resp: 743354
Ion Ratio Lower Upper
107 100
108 83.6 69.0 109.0
77 30.5 8.5 48.5
79 23.3 4.8 44.8

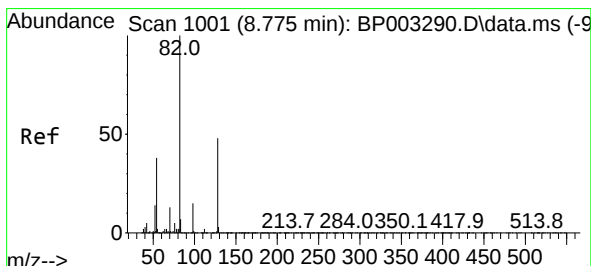
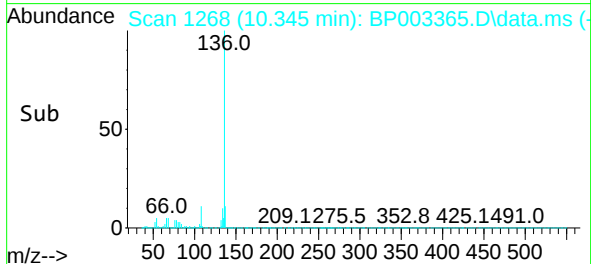
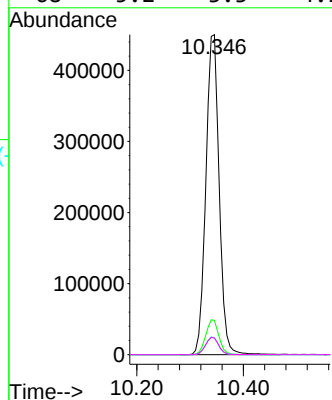
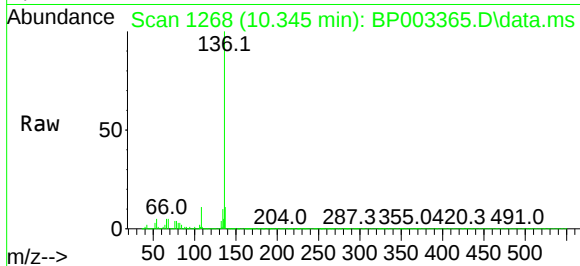




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

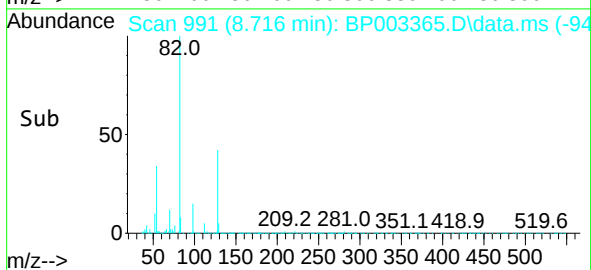
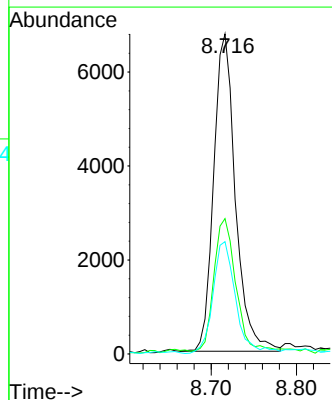
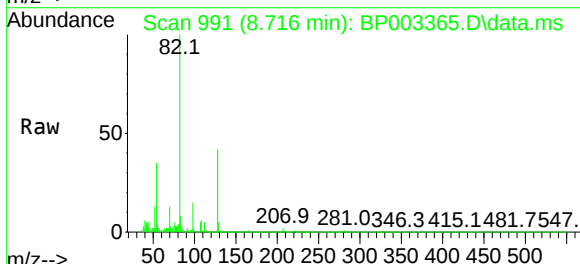
Instrument :
BNA_P
ClientSampleId :
1799-1801DL2

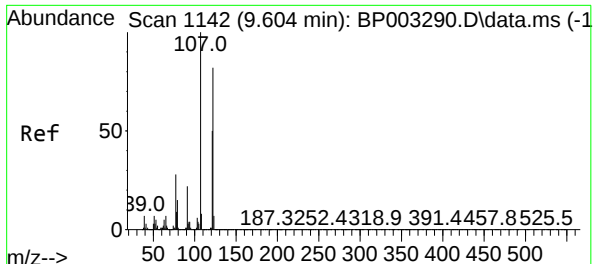
Tgt Ion:	136	Resp:	780566
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	5.2	3.6	5.4
68	5.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 0.90 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:	82	Resp:	11981
Ion Ratio	Lower	Upper	
82	100		
128	42.3	45.6	68.4#
54	35.1	30.1	45.1

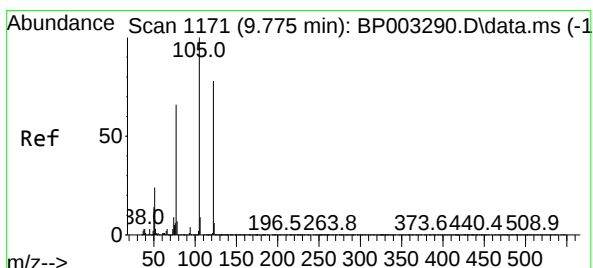
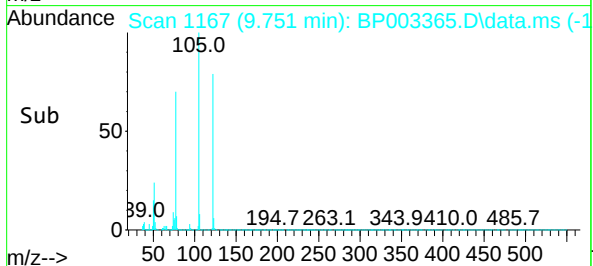
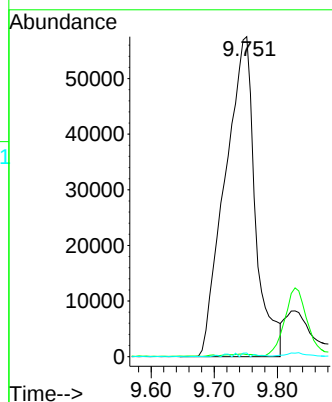
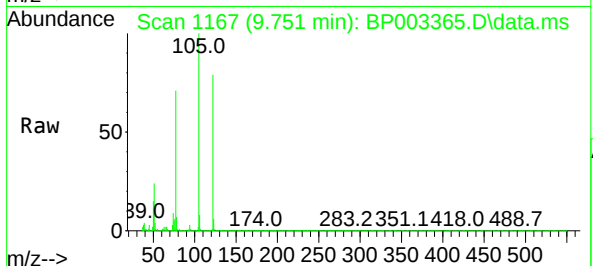




#27
2,4-Dimethylphenol
Concen: 18.61 ng
RT: 9.751 min Scan# 1167
Delta R.T. 0.200 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

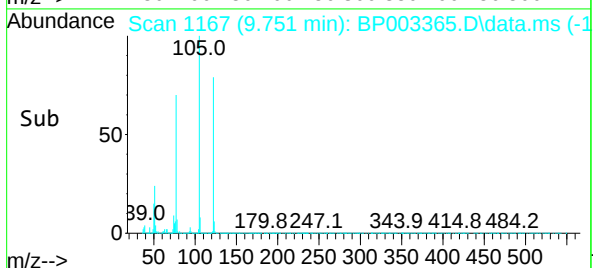
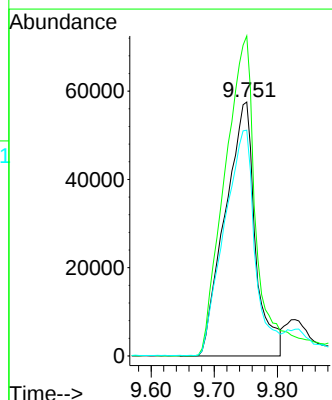
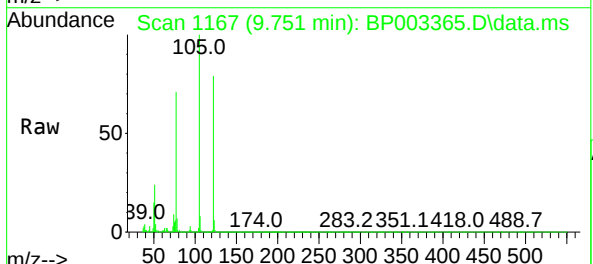
Instrument :
BNA_P
ClientSampleId :
1799-1801DL2

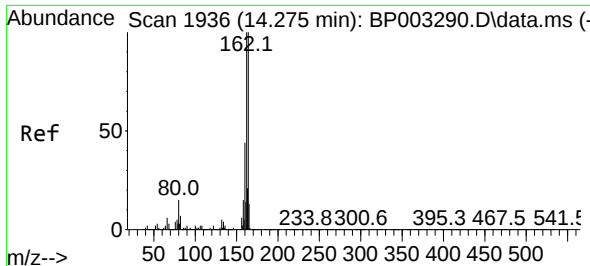
Tgt Ion:122 Resp: 191087
Ion Ratio Lower Upper
122 100
107 0.6 87.3 130.9#
121 1.2 47.3 70.9#



#32
Benzoic acid
Concen: 30.20 ng
RT: 9.751 min Scan# 1167
Delta R.T. 0.029 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:122 Resp: 191087
Ion Ratio Lower Upper
122 100
105 126.0 94.1 134.1
77 88.9 50.1 90.1

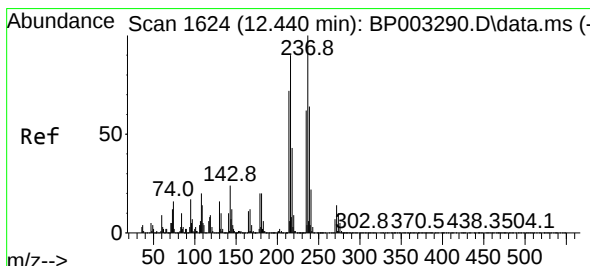
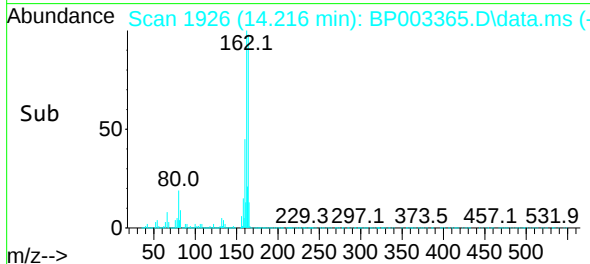
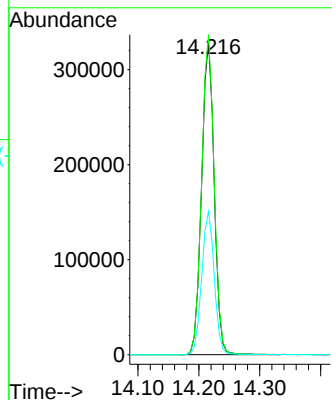
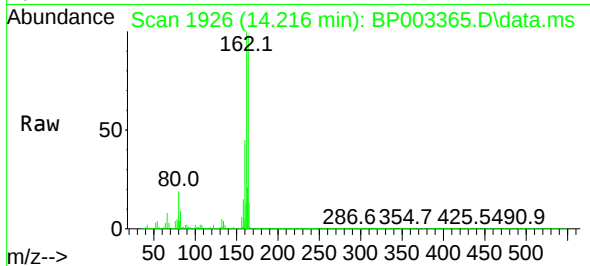




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

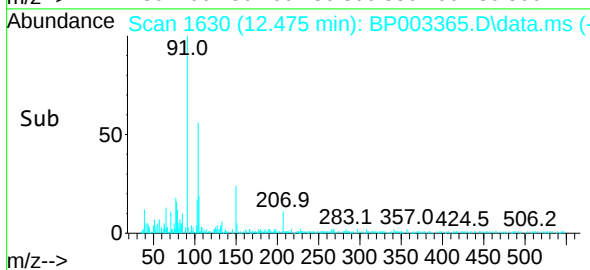
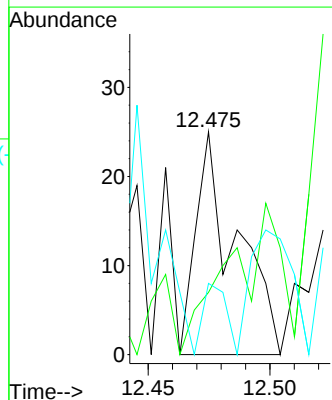
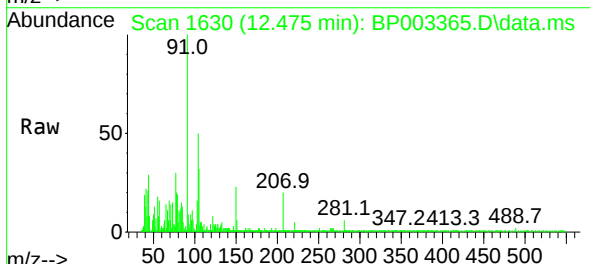
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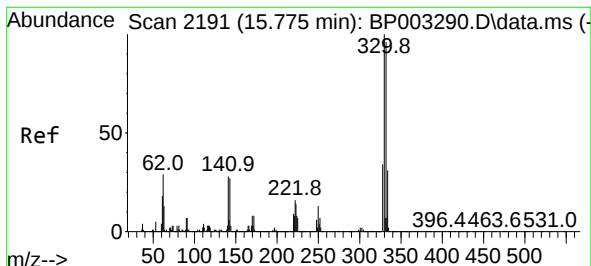
Tgt Ion:164 Resp: 472301
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.2
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.475 min Scan# 1630
Delta R.T. 0.094 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:237 Resp: 29
Ion Ratio Lower Upper
237 100
235 60.0 43.2 83.2
272 32.0 0.0 33.3

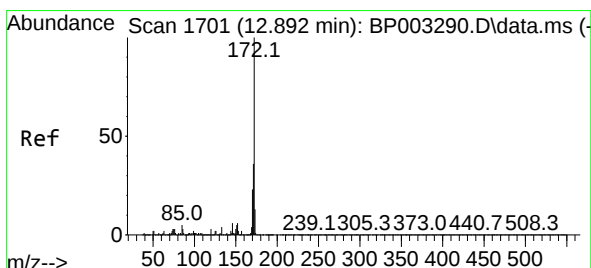
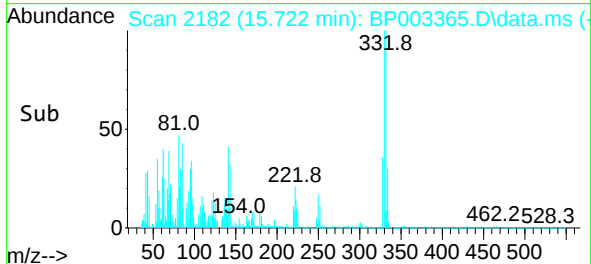
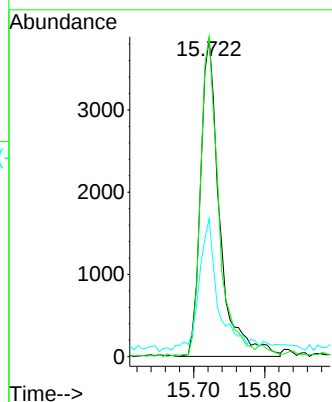
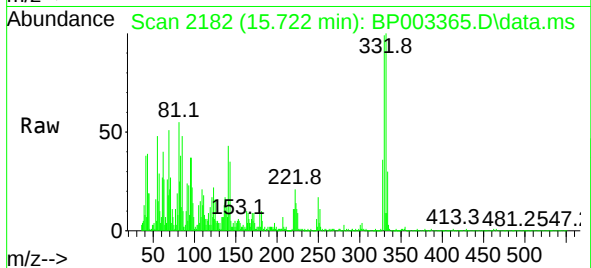




#42
2,4,6-Tribromophenol
Concen: 1.01 ng
RT: 15.722 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

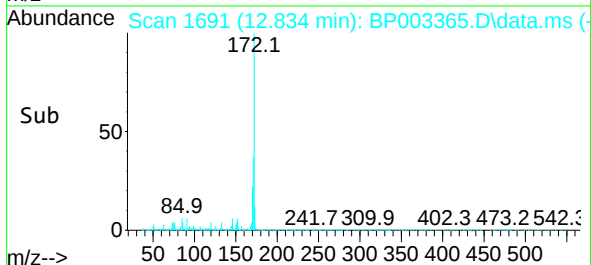
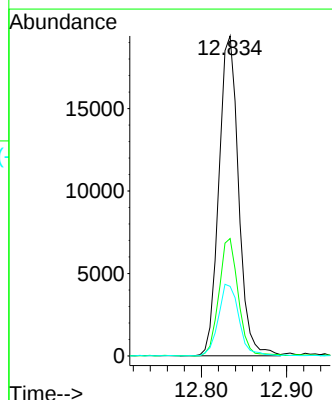
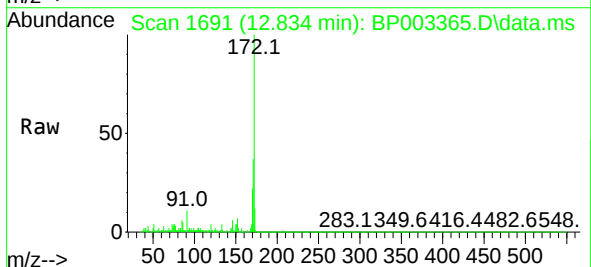
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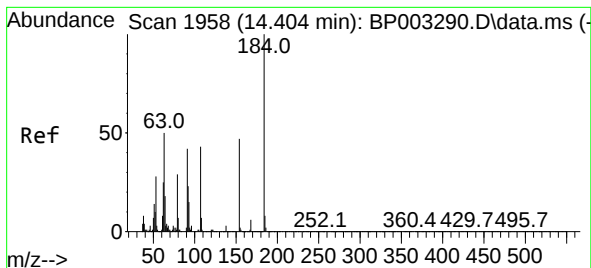
Tgt Ion:330 Resp: 7240
Ion Ratio Lower Upper
330 100
332 93.5 77.1 115.7
141 39.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.97 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:172 Resp: 31167
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 21.7 19.2 28.8

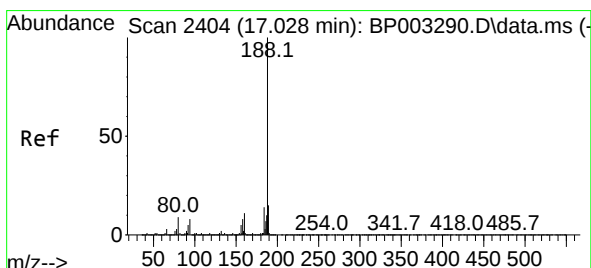
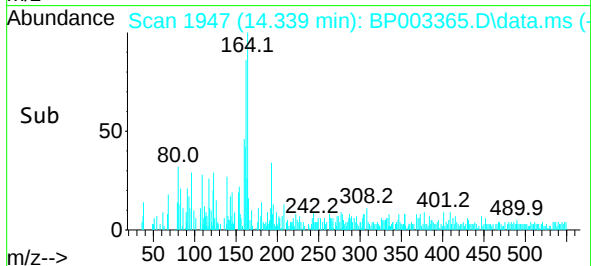
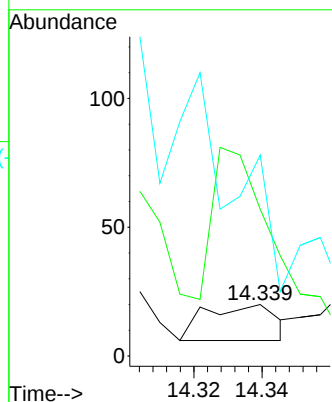
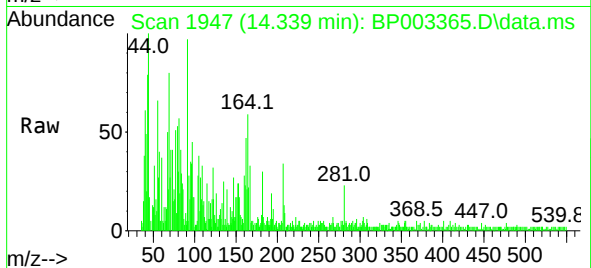




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.339 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

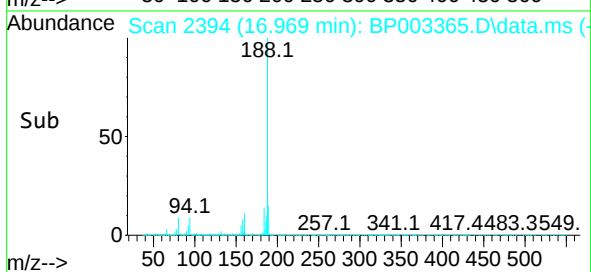
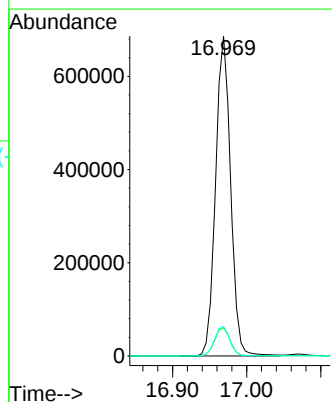
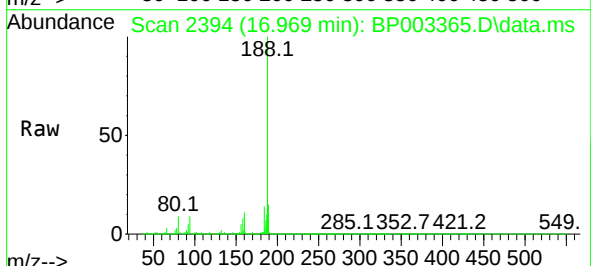
Instrument :
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1799-1801DL2

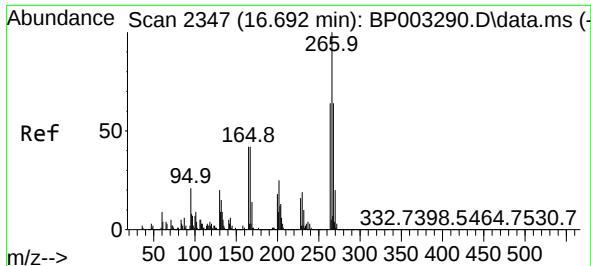
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 285.0 32.3 48.5#
154 390.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:188 Resp: 964702
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.2 6.2 9.2

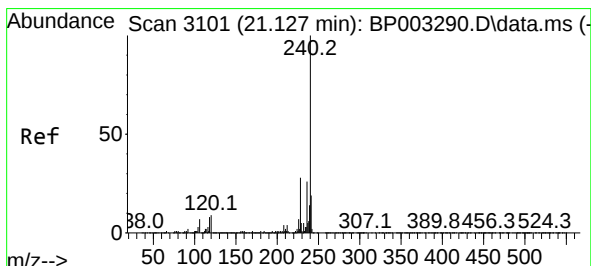
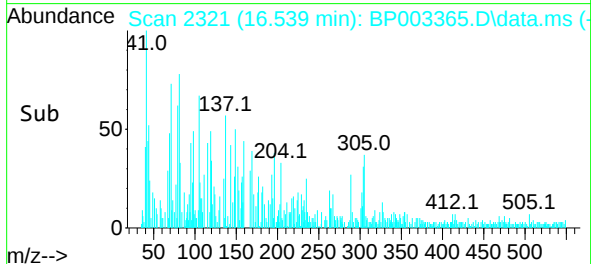
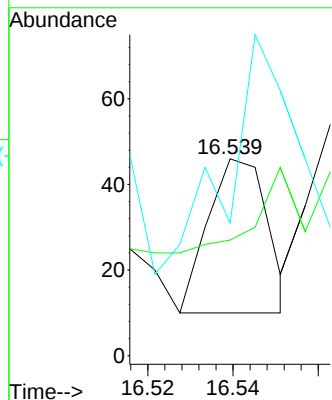
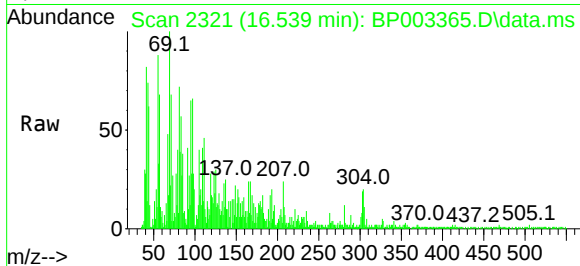




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.539 min Scan# 2321
Delta R.T. -0.100 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

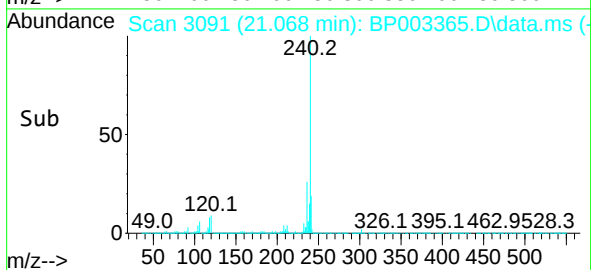
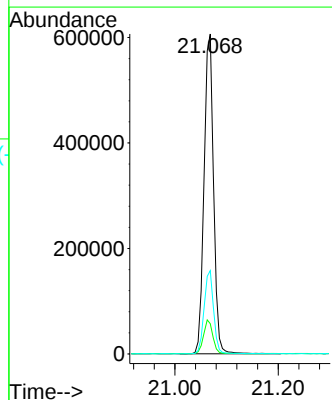
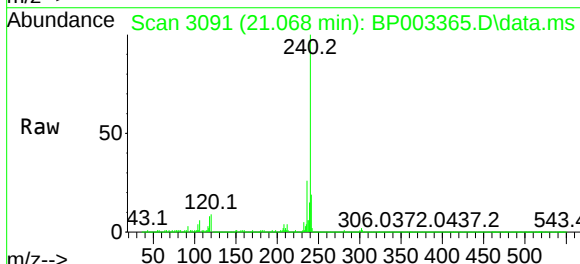
Instrument :
BNA_P
ClientSampled :
1799-1801DL2

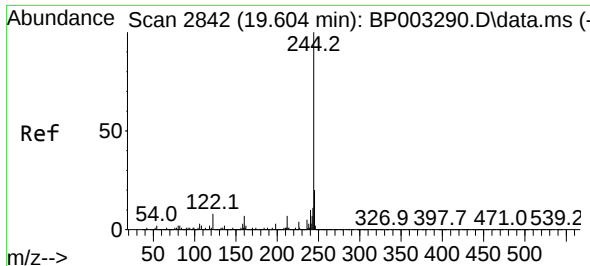
Tgt Ion:	266	Resp:	35
Ion Ratio	Lower	Upper	
266	100		
268	58.7	51.1	76.7
264	67.4	50.6	76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.068 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:	240	Resp:	773816
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.8	11.6
236	26.0	20.8	31.2

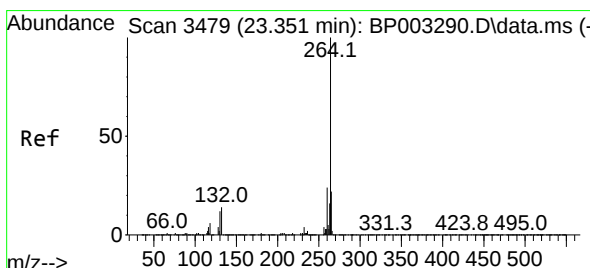
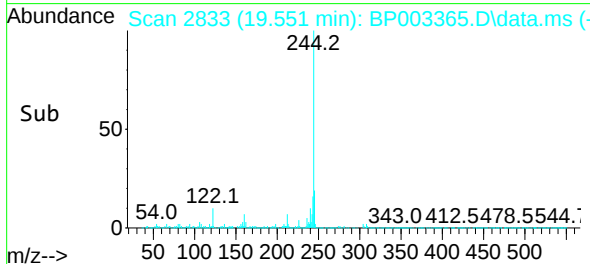
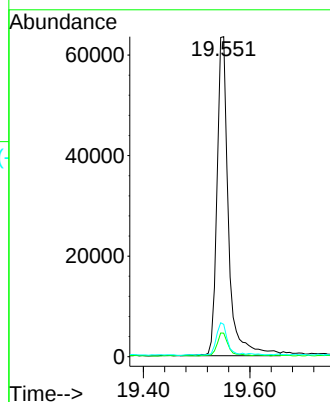
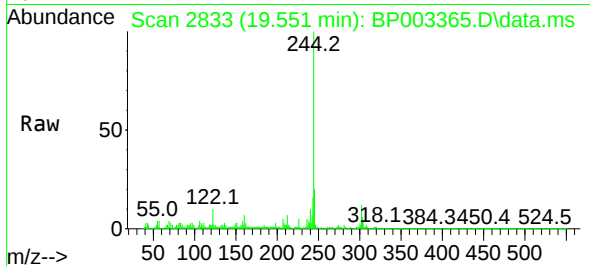




#79
Terphenyl-d14
Concen: 2.56 ng
RT: 19.551 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Instrument :
BNA_P
ClientSampleId :
1799-1801DL2

Tgt Ion:244	Resp:	94961
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	10.1	7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003365.D
Acq: 23 Sep 2020 19:30

Tgt Ion:264	Resp:	713881
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.8 28.2
265	21.9	17.4 26.2

