

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
 Data File : BP003360.D
 Acq On : 23 Sep 2020 16:39
 Operator : CG/JU
 Sample : L4105-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MTB-SP

Quant Time: Sep 23 17:17:20 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)

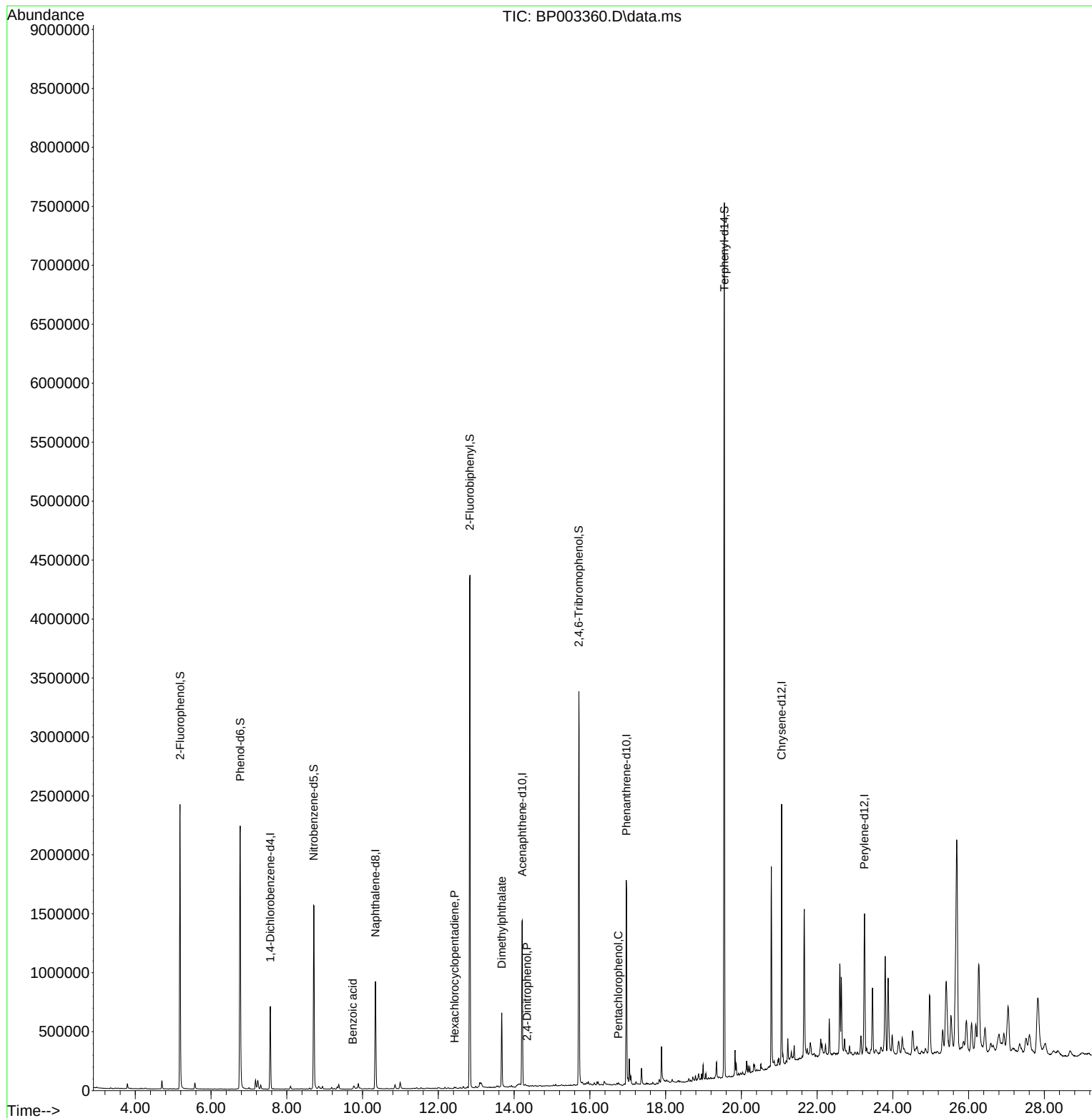
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	193542	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	796156	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	500489	20.00	ng	0.00
64) Phenanthrene-d10	16.963	188	1047460	20.00	ng	-0.01
76) Chrysene-d12	21.063	240	989067	20.00	ng	0.00
86) Perylene-d12	23.251	264	856881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1189174	107.29	ng	0.00
7) Phenol-d6	6.769	99	1524222	103.17	ng	0.00
23) Nitrobenzene-d5	8.710	82	996469	73.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.710	330	742921	97.32	ng	-0.01
45) 2-Fluorobiphenyl	12.834	172	2407892	70.36	ng	0.00
79) Terphenyl-d14	19.551	244	3360981	70.80	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.740	122	1944	9.36	ng	84
41) Hexachlorocyclopentadiene	12.428	237	14	6.84	ng	87
50) Dimethylphthalate	13.675	163	427436	10.70	ng	99
54) 2,4-Dinitrophenol	14.340	184	55	7.26	ng	# 1
70) Pentachlorophenol	16.751	266	63	6.78	ng	92

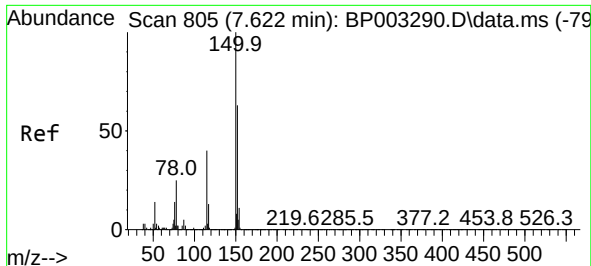
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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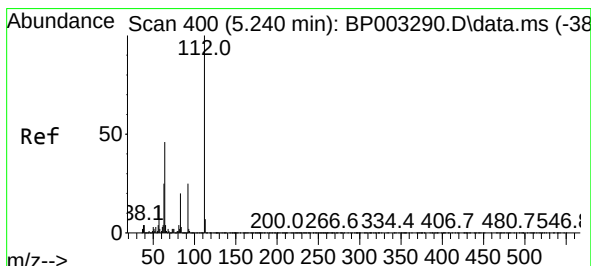
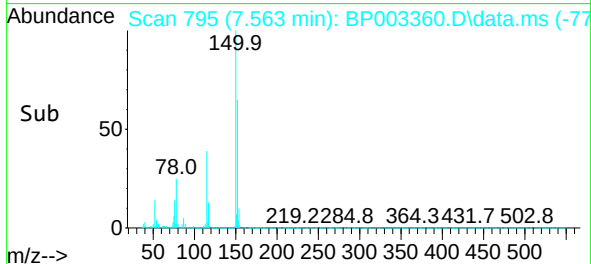
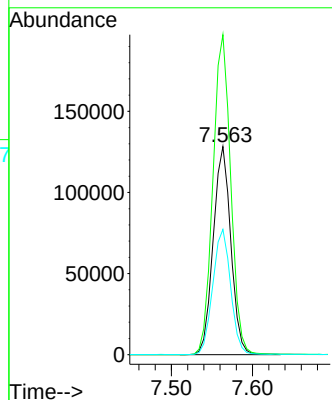
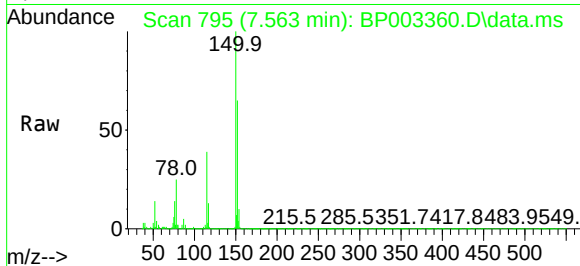




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

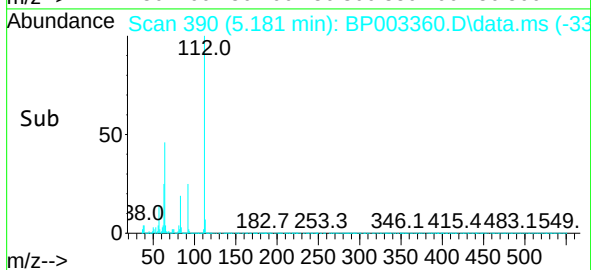
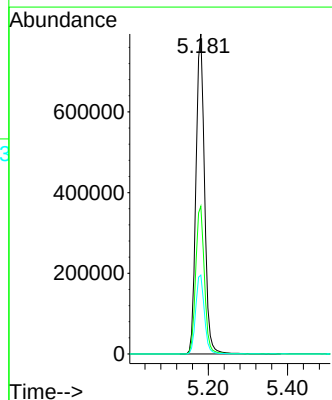
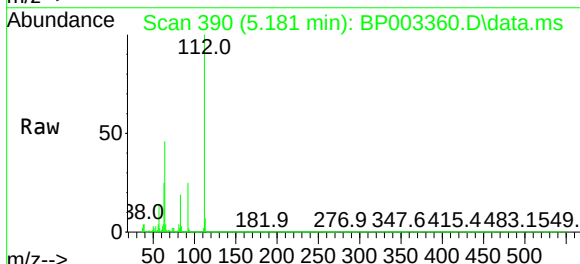
Instrument :
BNA_P
ClientSampleId :
MTB-SP

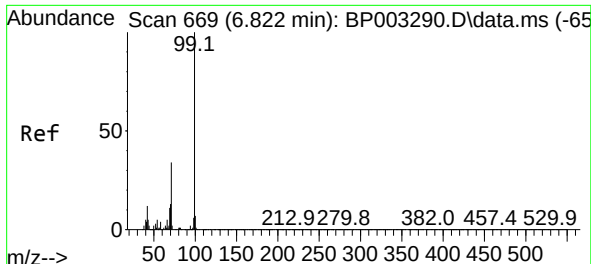
Tgt Ion:152 Resp: 193542
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 107.29 ng
RT: 5.181 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:112 Resp: 1189174
Ion Ratio Lower Upper
112 100
64 46.2 32.8 49.2
63 24.7 17.0 25.4

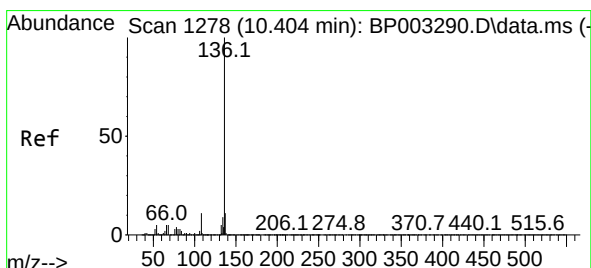
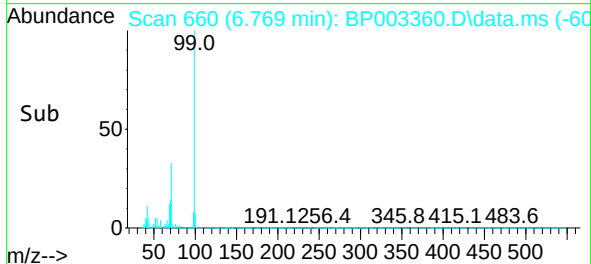
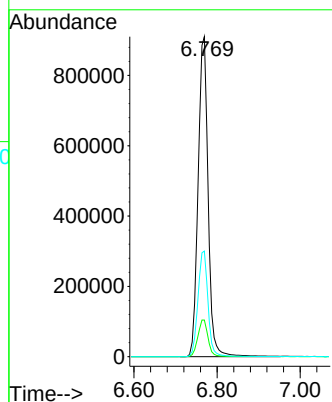
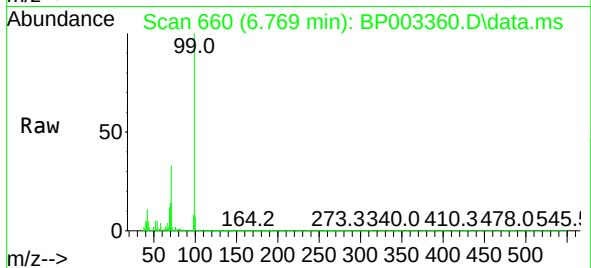




#7
Phenol-d6
Concen: 103.17 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

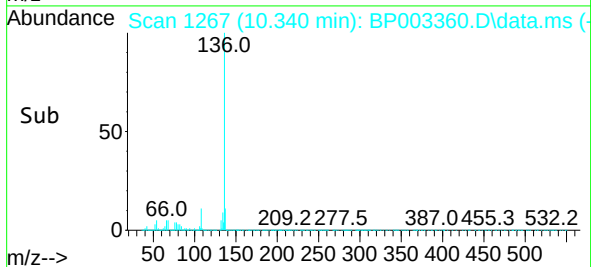
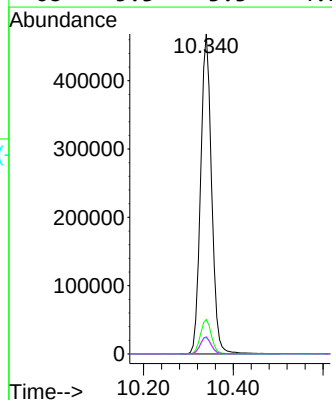
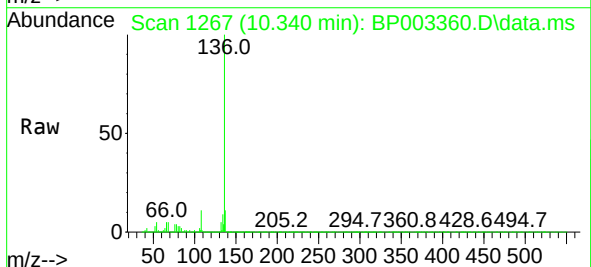
Instrument :
BNA_P
ClientSampleId :
MTB-SP

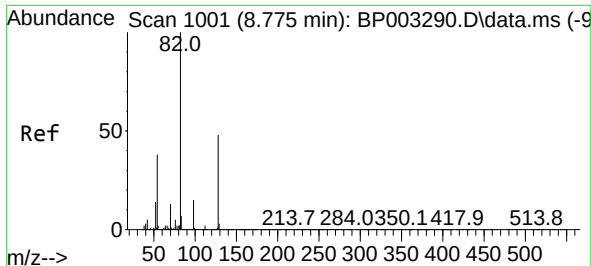
Tgt Ion: 99 Resp: 1524222
Ion Ratio Lower Upper
99 100
42 11.5 8.6 13.0
71 33.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:136 Resp: 796156
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.2 3.6 5.4
68 5.3 3.3 4.9#

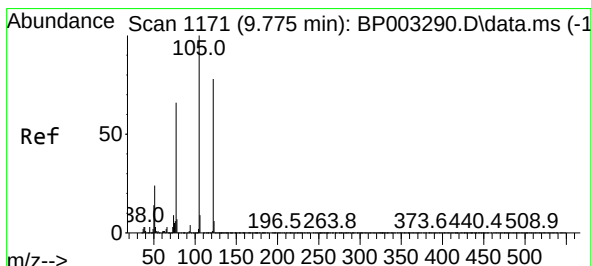
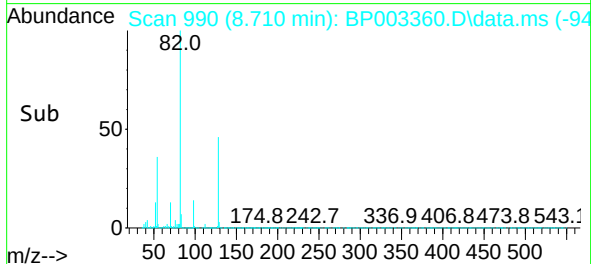
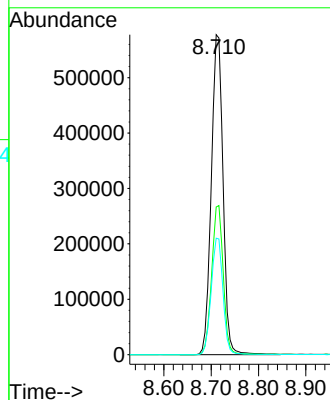
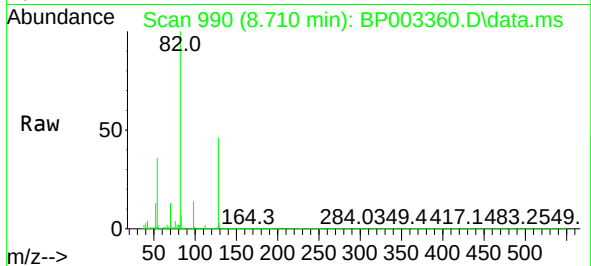




#23
Nitrobenzene-d5
Concen: 73.53 ng
RT: 8.710 min Scan# 990
Delta R.T. -0.012 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

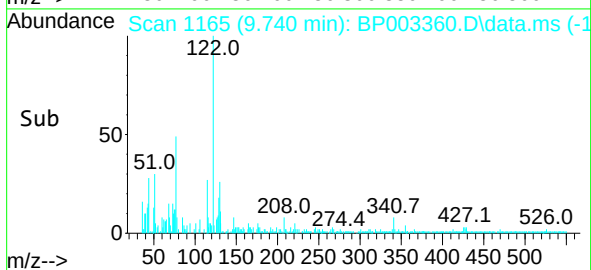
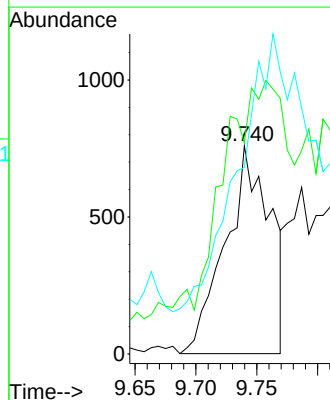
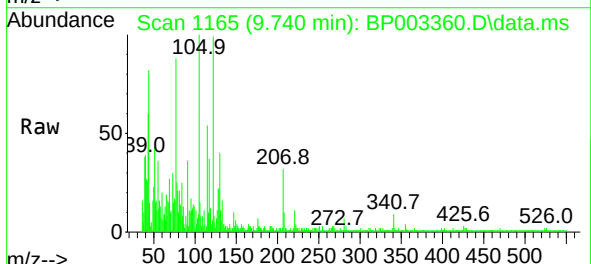
Instrument :
BNA_P
ClientSampleId :
MTB-SP

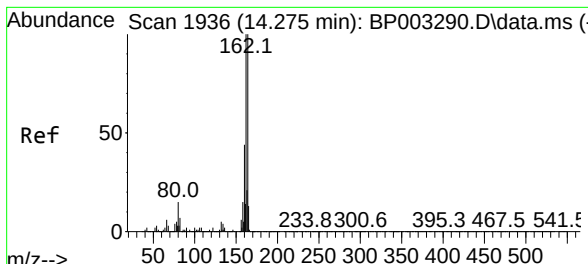
Tgt Ion: 82 Resp: 996469
Ion Ratio Lower Upper
82 100
128 46.2 45.6 68.4
54 36.4 30.1 45.1



#32
Benzoic acid
Concen: 9.36 ng
RT: 9.740 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion: 122 Resp: 1944
Ion Ratio Lower Upper
122 100
105 101.4 94.1 134.1
77 89.6 50.1 90.1

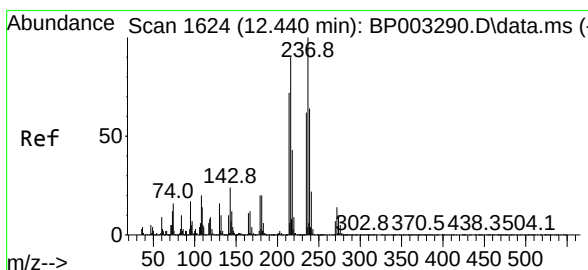
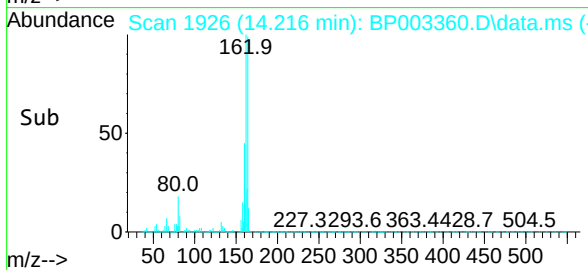
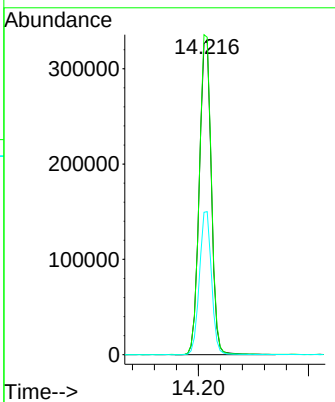
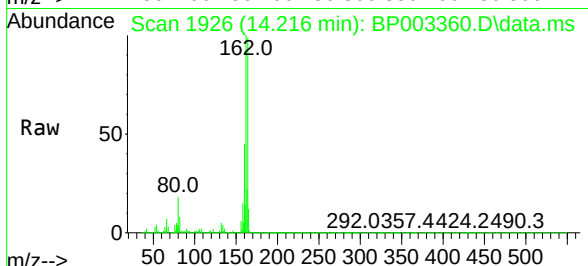




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.216 min Scan# 1926
 Delta R.T. -0.006 min
 Lab File: BP003360.D
 Acq: 23 Sep 2020 16:39

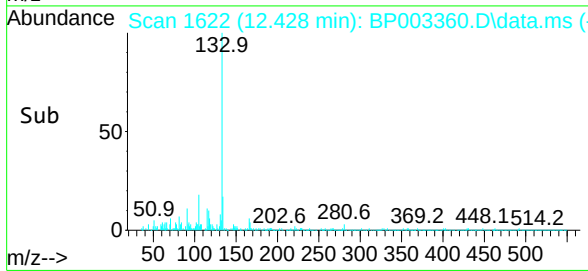
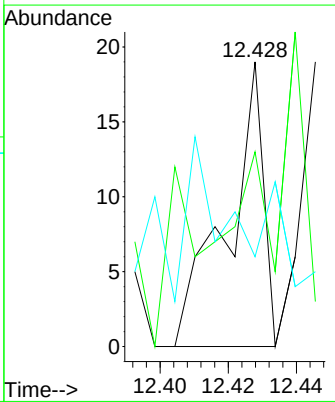
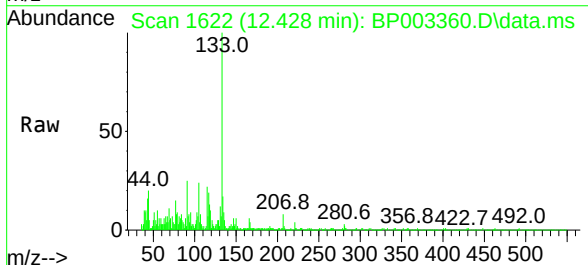
Instrument :
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 ClientSampleId :
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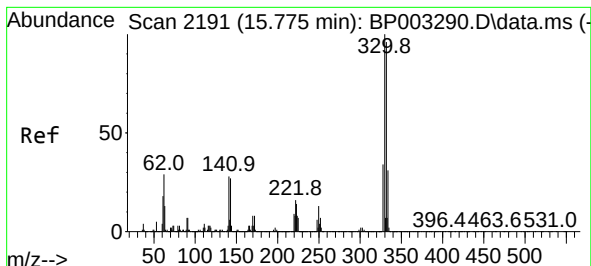
Tgt Ion:	164	Resp:	500489
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.2
160	45.4	36.1	54.1



#41
 Hexachlorocyclopentadiene
 Concen: 6.84 ng
 RT: 12.428 min Scan# 1622
 Delta R.T. 0.047 min
 Lab File: BP003360.D
 Acq: 23 Sep 2020 16:39

Tgt Ion:	237	Resp:	14
Ion	Ratio	Lower	Upper
237	100		
235	68.4	43.2	83.2
272	31.6	0.0	33.3

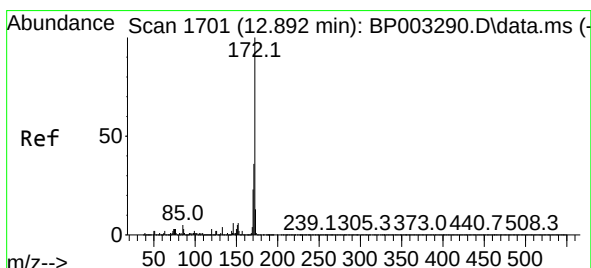
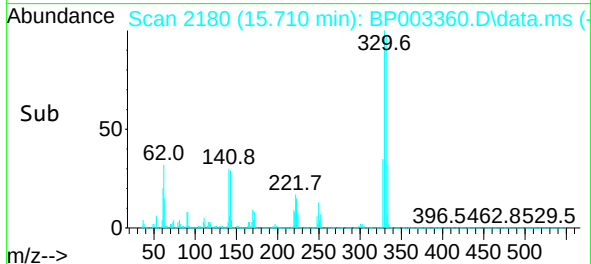
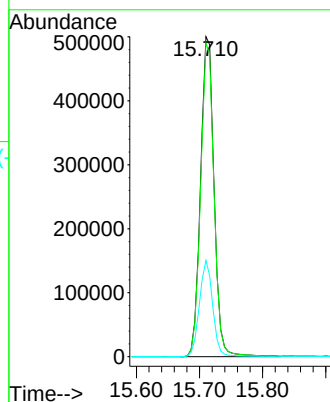
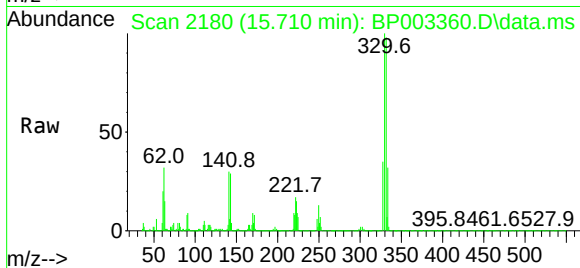




#42
2,4,6-Tribromophenol
Concen: 97.32 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.012 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

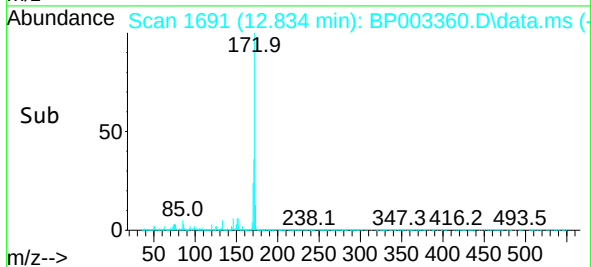
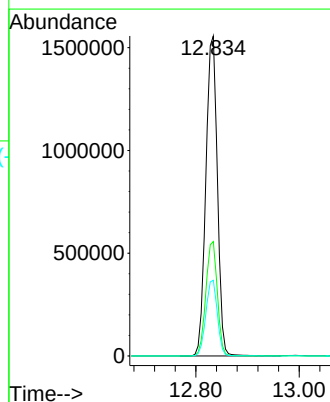
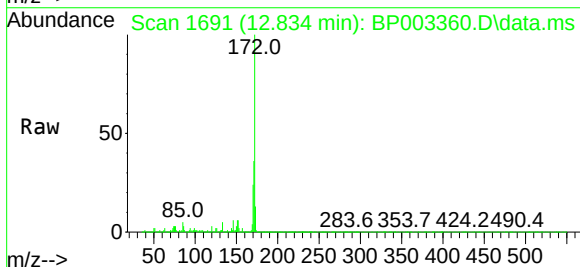
Instrument :
BNA_P
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MTB-SP

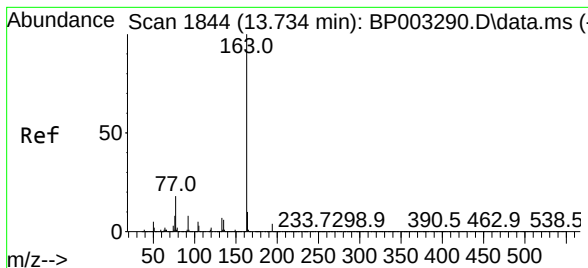
Tgt Ion:330 Resp: 742921
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 29.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 70.36 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:172 Resp: 2407892
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 19.2 28.8

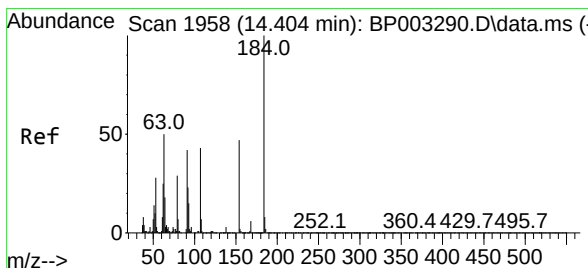
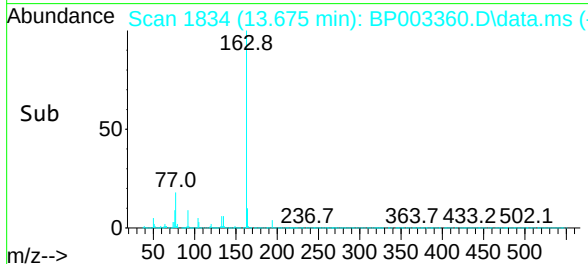
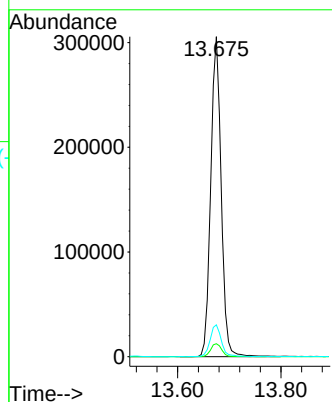
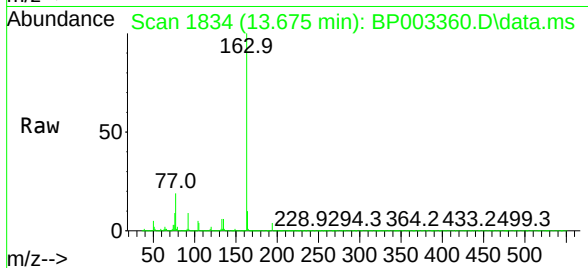




#50
Dimethylphthalate
Concen: 10.70 ng
RT: 13.675 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

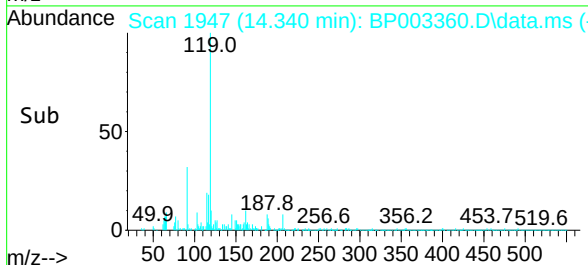
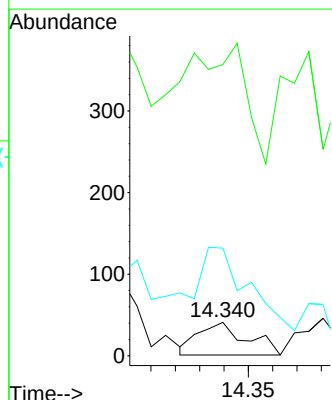
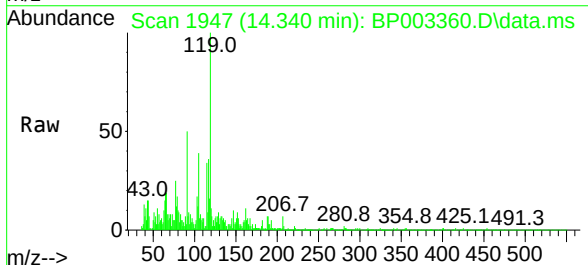
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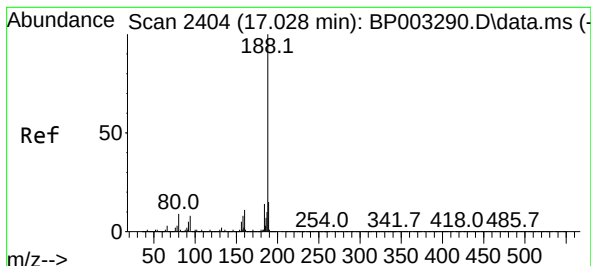
Tgt Ion:163 Resp: 427436
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 728.6 32.3 48.5#
154 269.4 49.1 73.7#

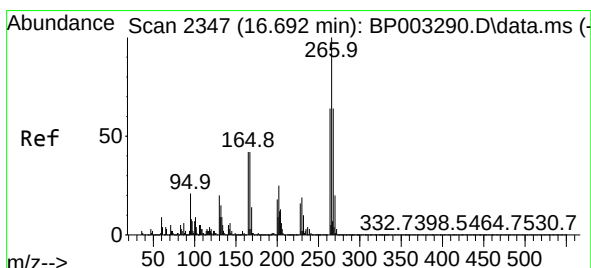
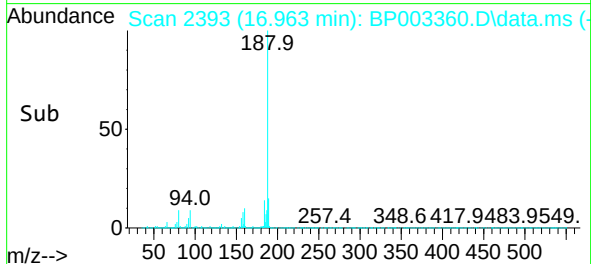
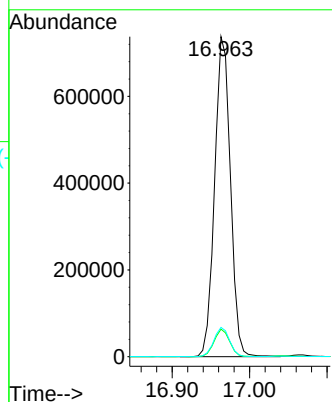
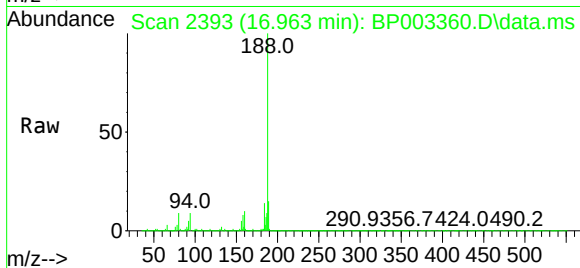




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.963 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

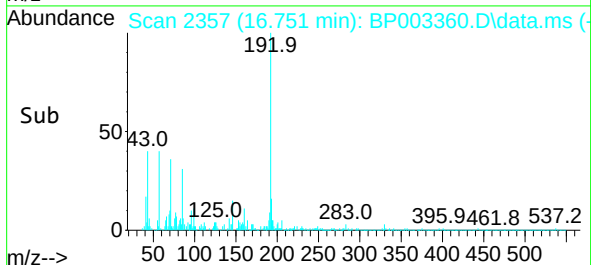
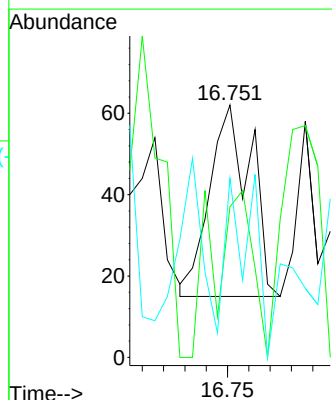
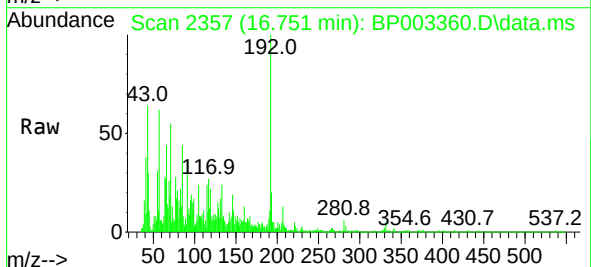
Instrument :
BNA_P
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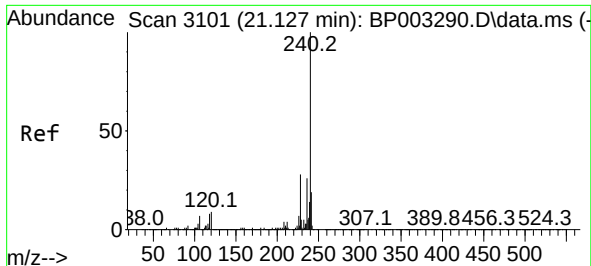
Tgt Ion:188 Resp: 1047460
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.1 6.2 9.2



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.751 min Scan# 2357
Delta R.T. 0.112 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:266 Resp: 63
Ion Ratio Lower Upper
266 100
268 59.7 51.1 76.7
264 71.0 50.6 76.0

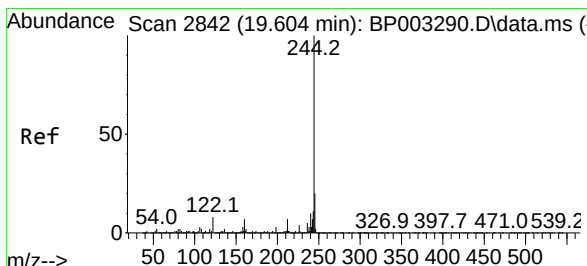
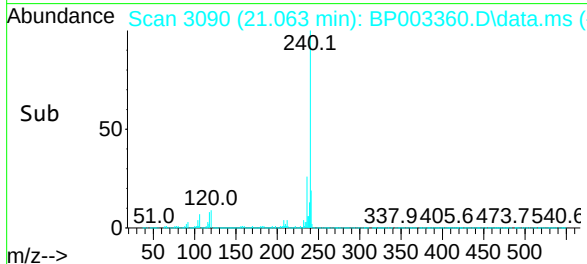
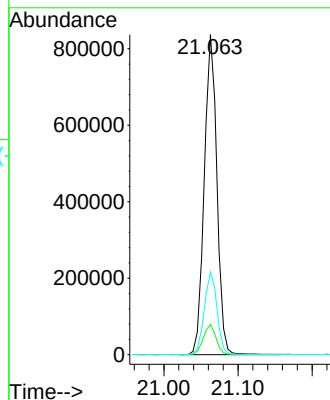
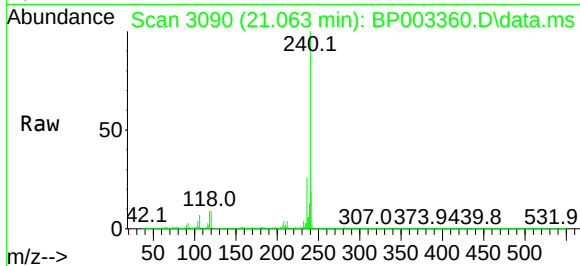




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

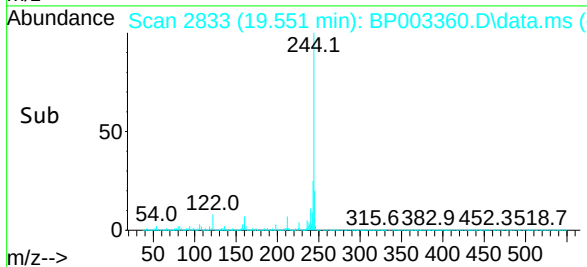
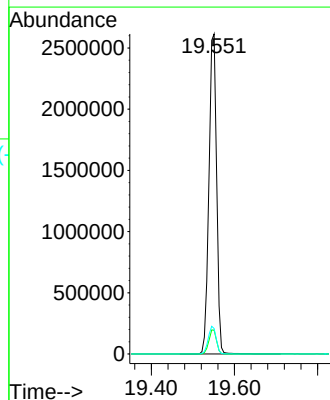
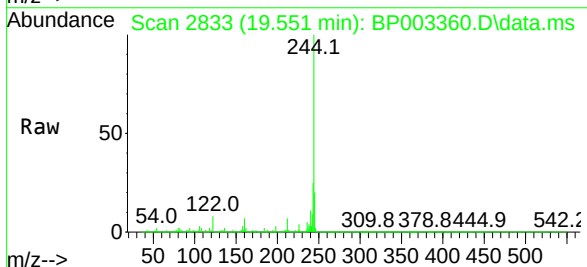
Instrument :
BNA_P
ClientSampleId :
MTB-SP

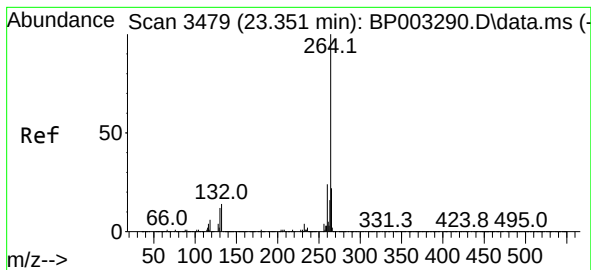
Tgt Ion:240 Resp: 989067
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 70.80 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP003360.D
Acq: 23 Sep 2020 16:39

Tgt Ion:244 Resp: 3360981
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: 23.251 min Scan# 3462
 Delta R.T. -0.012 min
 Lab File: BP003360.D
 Acq: 23 Sep 2020 16:39

Instrument :
 BNA_P
 ClientSampleId :
 MTB-SP

Tgt Ion:264 Resp: 856881
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.0 17.4 26.2

