

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
 Data File : BP003361.D
 Acq On : 23 Sep 2020 17:13
 Operator : CG/JU
 Sample : L4107-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 40AA-MH

Quant Time: Sep 23 19:04:11 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)

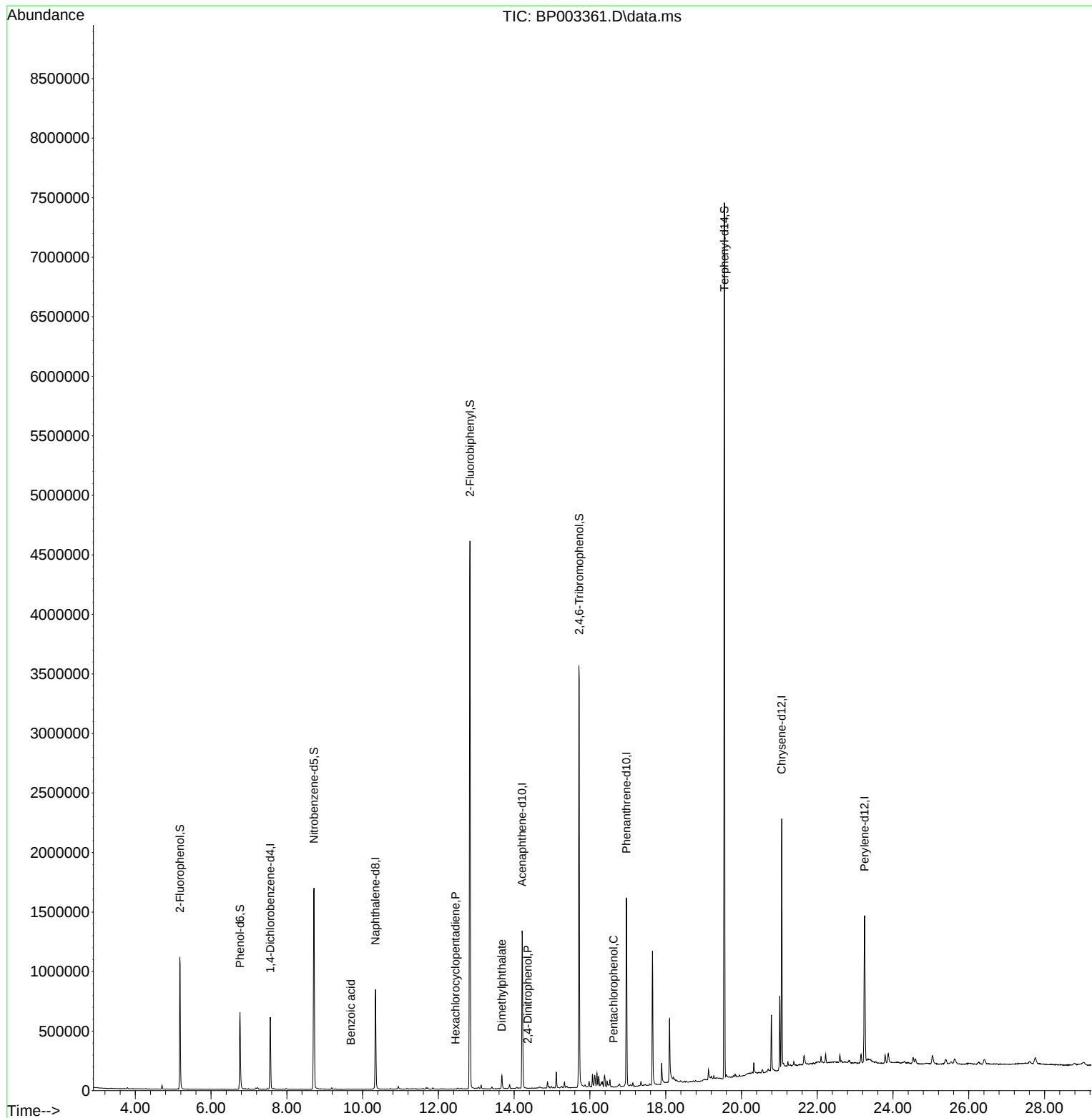
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	170495	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	713276	20.00	ng	# 0.00
39) Acenaphthene-d10	14.210	164	443974	20.00	ng	-0.01
64) Phenanthrene-d10	16.963	188	945747	20.00	ng	#-0.01
76) Chrysene-d12	21.063	240	947324	20.00	ng	0.00
86) Perylene-d12	23.251	264	857660	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	547369	56.06	ng	0.00
7) Phenol-d6	6.764	99	434818	33.41	ng	0.00
23) Nitrobenzene-d5	8.716	82	1084819	89.35	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	732928	108.24	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	2473689	81.49	ng	0.00
79) Terphenyl-d14	19.551	244	3495491	76.88	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.687	122	105	9.17	ng	# 58
41) Hexachlorocyclopentadiene	12.451	237	15	6.84	ng	80
50) Dimethylphthalate	13.675	163	73700	2.08	ng	99
54) 2,4-Dinitrophenol	14.357	184	44	7.26	ng	# 1
70) Pentachlorophenol	16.622	266	142	6.79	ng	# 55

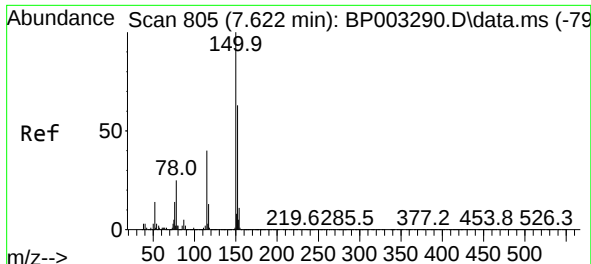
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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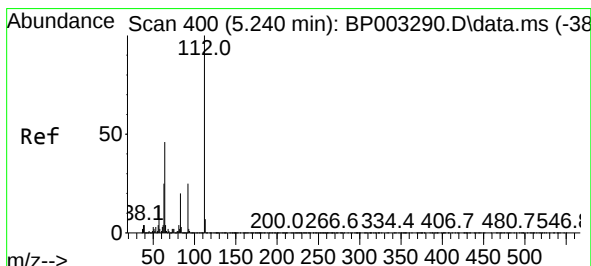
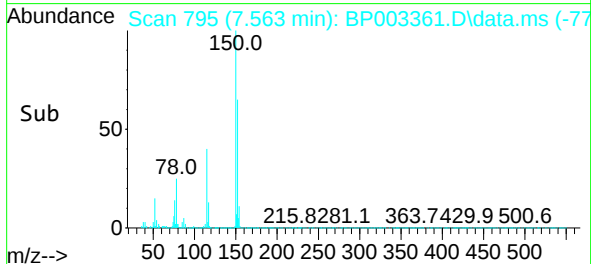
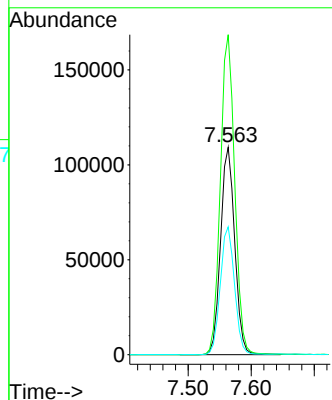
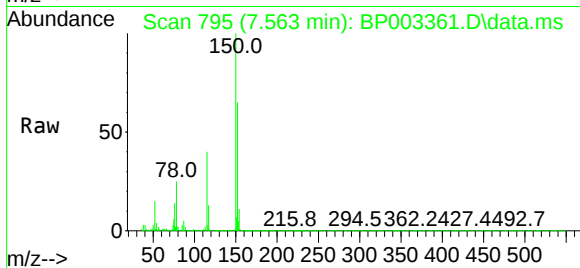




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

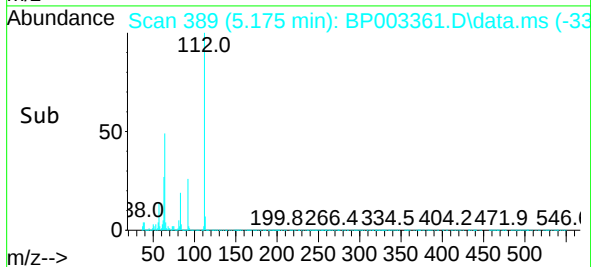
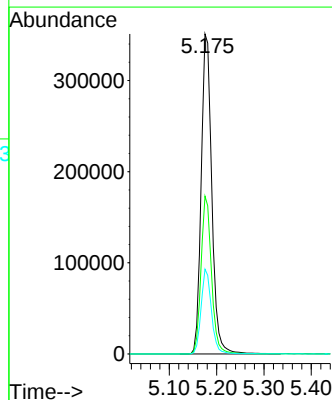
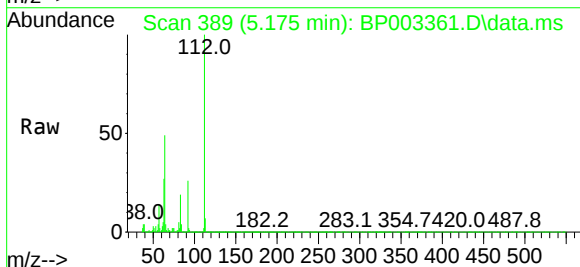
Instrument :
BNA_P
ClientSampleId :
40AA-MH

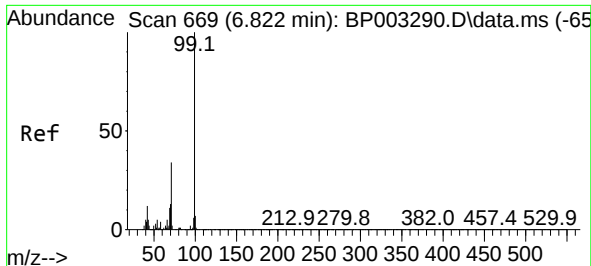
Tgt Ion:152 Resp: 170495
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 61.6 43.8 65.6



#5
2-Fluorophenol
Concen: 56.06 ng
RT: 5.175 min Scan# 389
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:112 Resp: 547369
Ion Ratio Lower Upper
112 100
64 49.3 32.8 49.2#
63 26.5 17.0 25.4#

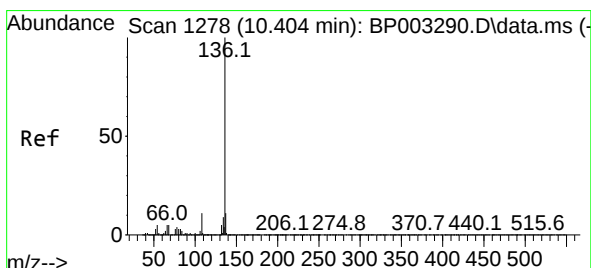
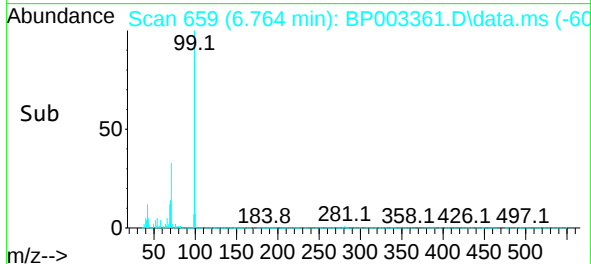
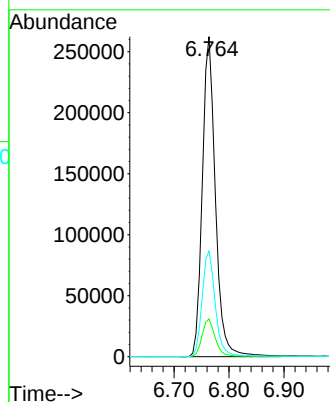
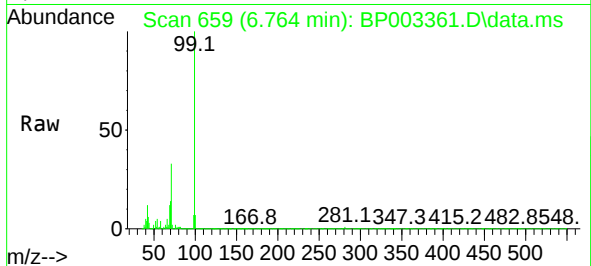




#7
Phenol-d6
Concen: 33.41 ng
RT: 6.764 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

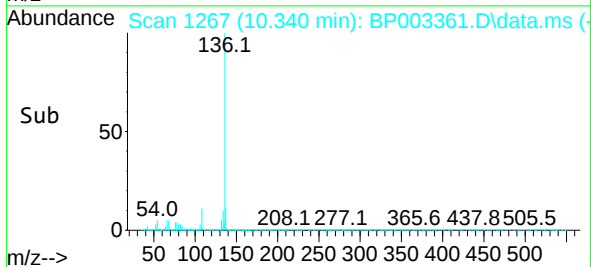
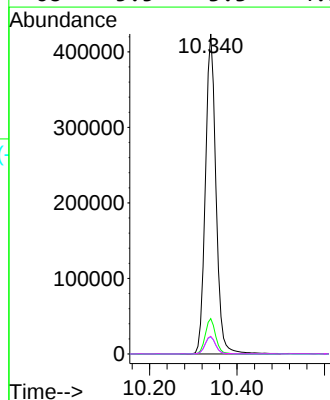
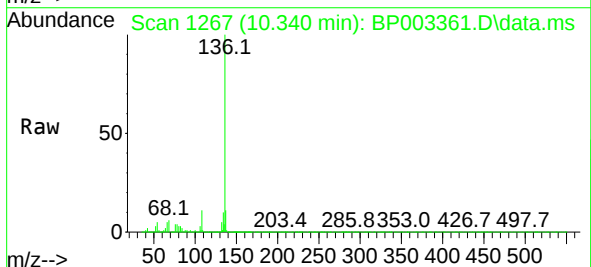
Instrument :
BNA_P
ClientSampleId :
40AA-MH

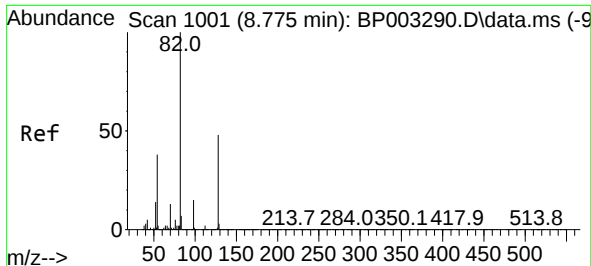
Tgt Ion: 99 Resp: 434818
Ion Ratio Lower Upper
99 100
42 11.8 8.6 13.0
71 33.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion: 136 Resp: 713276
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.3 3.6 5.4
68 5.5 3.3 4.9#

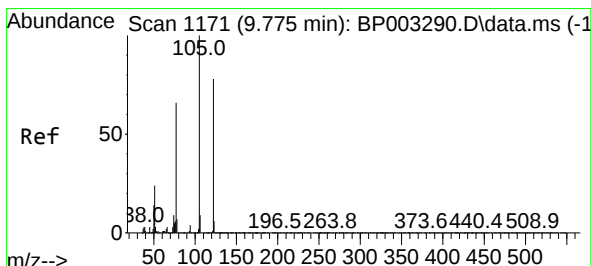
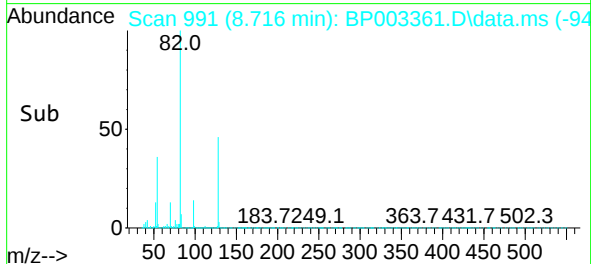
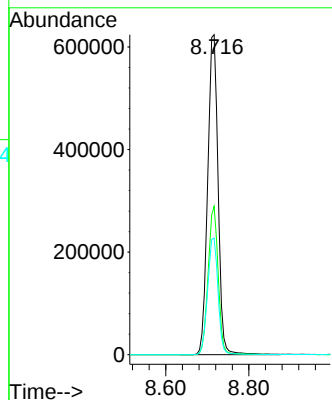
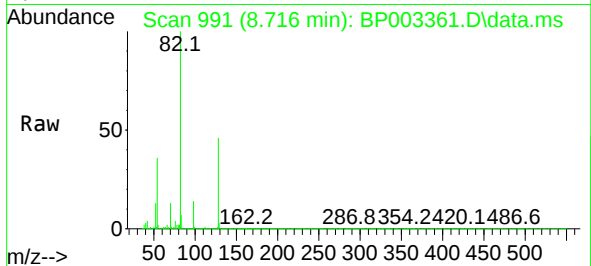




#23
Nitrobenzene-d5
Concen: 89.35 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

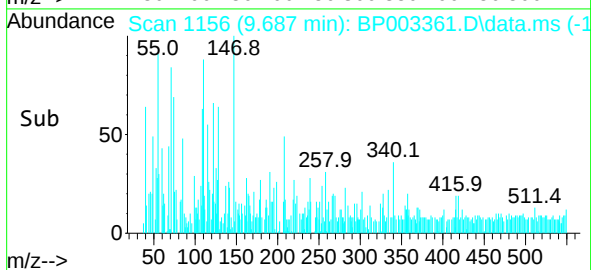
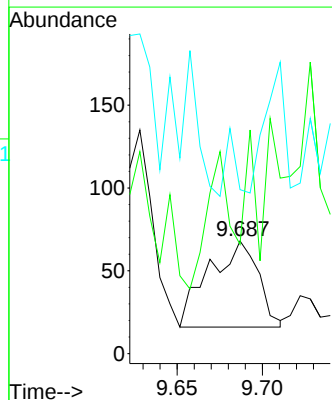
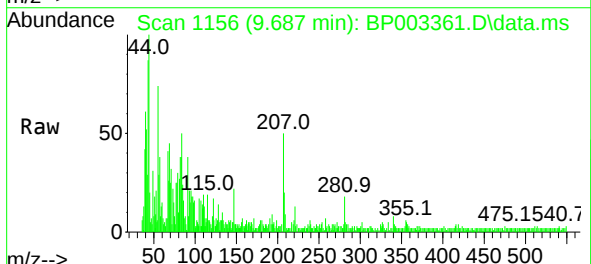
Instrument :
BNA_P
ClientSampleId :
40AA-MH

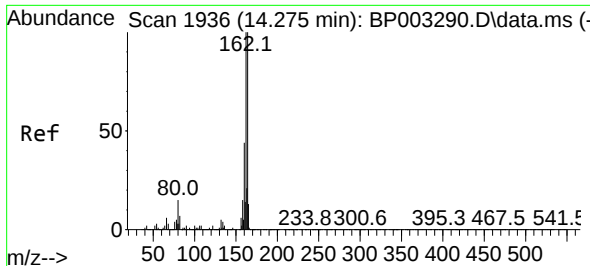
Tgt Ion: 82 Resp: 1084819
Ion Ratio Lower Upper
82 100
128 46.3 45.6 68.4
54 36.5 30.1 45.1



#32
Benzoic acid
Concen: 9.17 ng
RT: 9.687 min Scan# 1156
Delta R.T. -0.035 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion: 122 Resp: 105
Ion Ratio Lower Upper
122 100
105 71.7 94.1 134.1#
77 107.6 50.1 90.1#

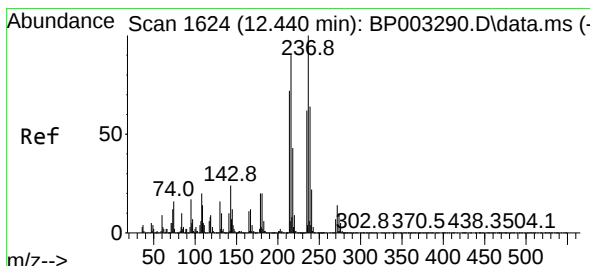
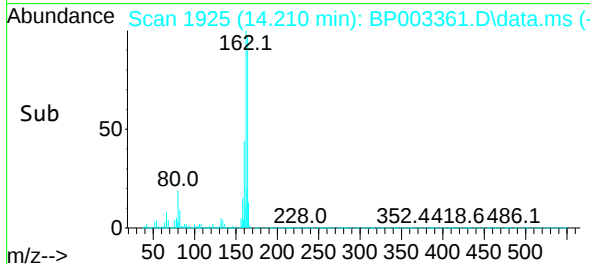
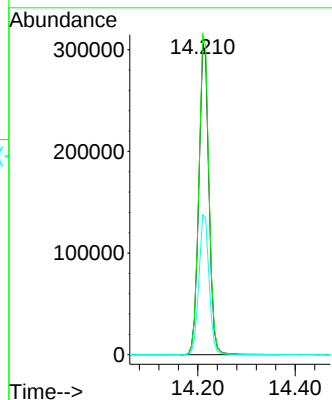
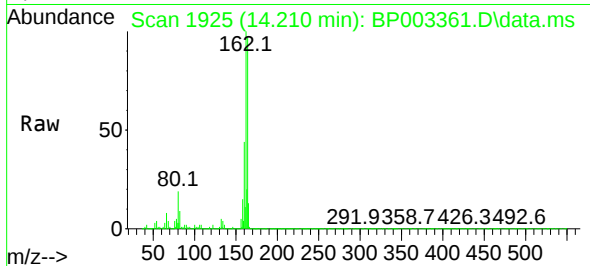




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.210 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

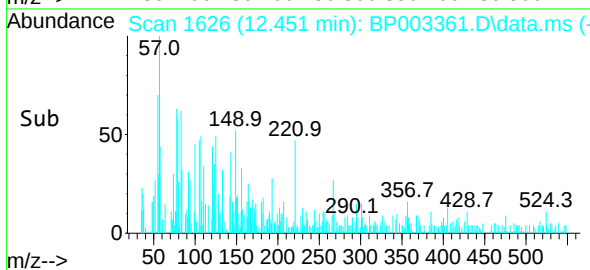
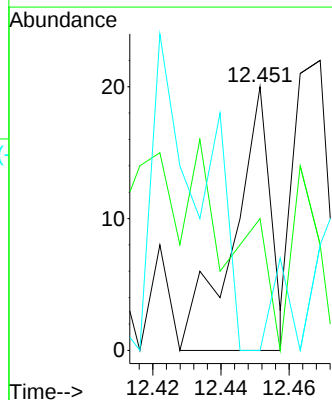
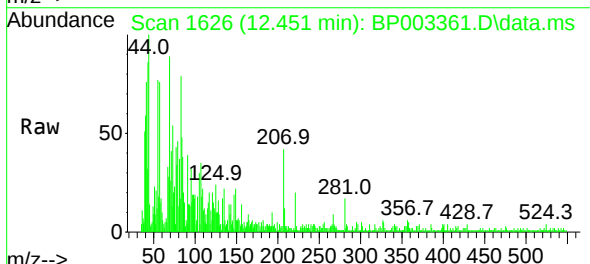
Instrument :
BNA_P
ClientSampleId :
40AA-MH

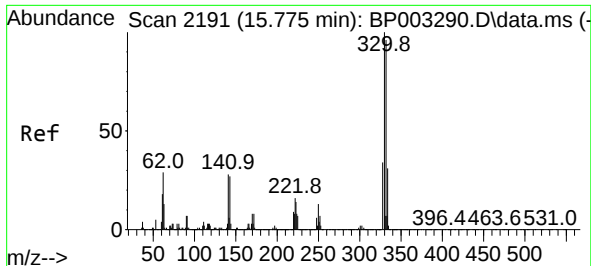
Tgt Ion:164 Resp: 443974
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 44.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.451 min Scan# 1626
Delta R.T. 0.071 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 50.0 43.2 83.2
272 0.0 0.0 33.3

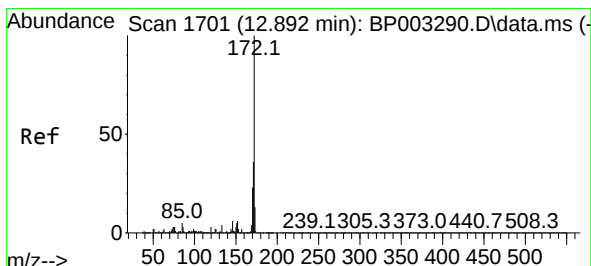
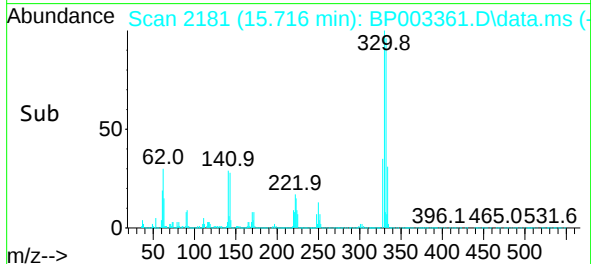
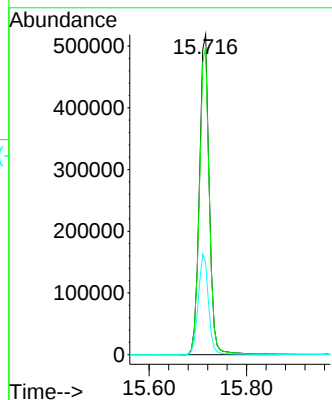
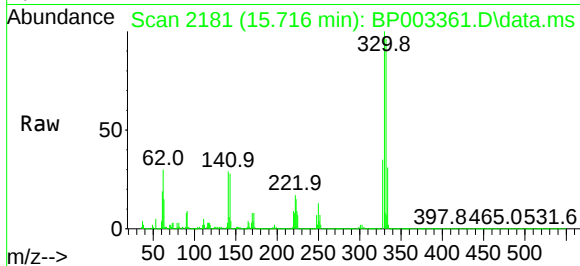




#42
2,4,6-Tribromophenol
Concen: 108.24 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

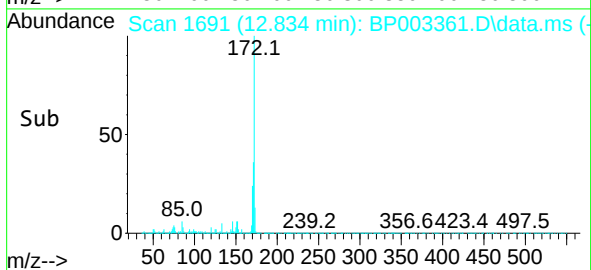
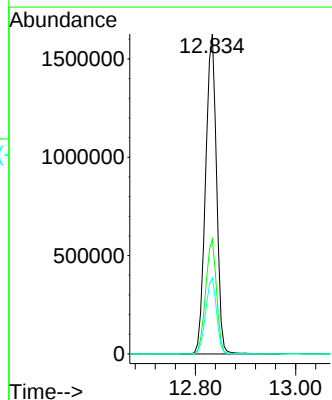
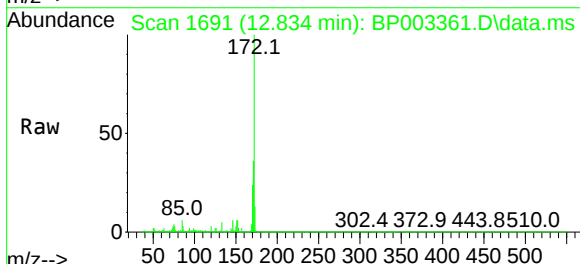
Instrument :
BNA_P
ClientSampleId :
40AA-MH

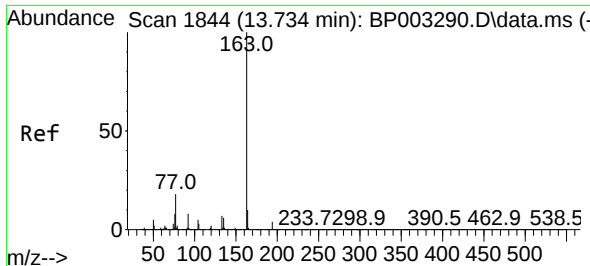
Tgt Ion:330 Resp: 732928
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.49 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:172 Resp: 2473689
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.2 28.8

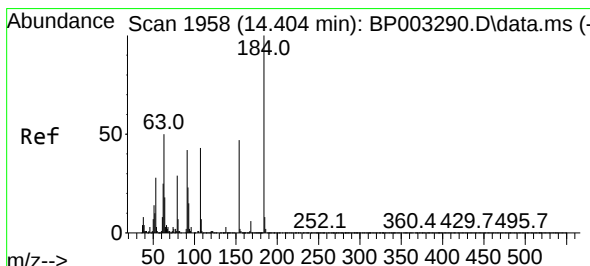
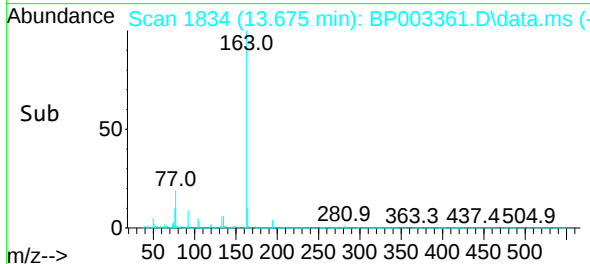
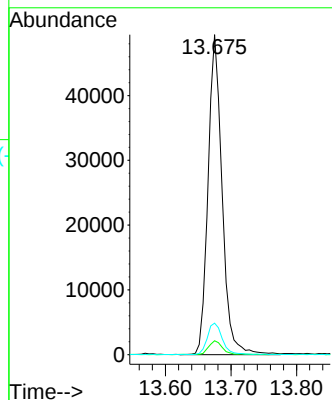
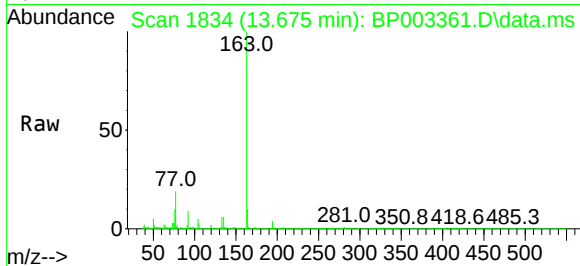




#50
Dimethylphthalate
Concen: 2.08 ng
RT: 13.675 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

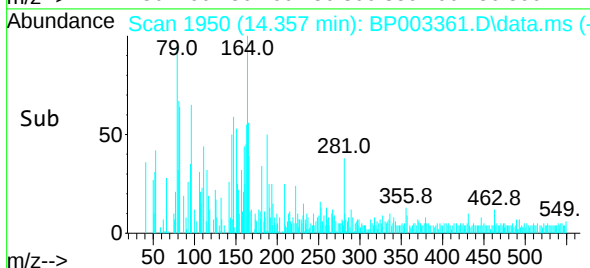
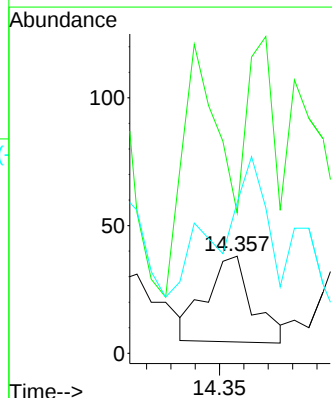
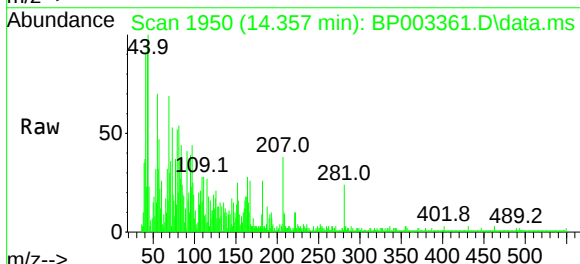
Instrument :
BNA_P
ClientSampled :
40AA-MH

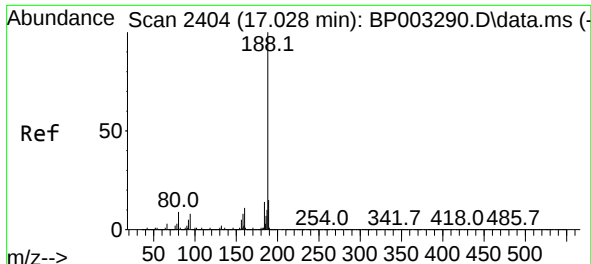
Tgt Ion:163	Resp:	73700
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.3 4.9
164	9.8	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:184	Resp:	44
Ion Ratio	Lower	Upper
184	100	
63	144.7	32.3 48.5#
154	155.3	49.1 73.7#

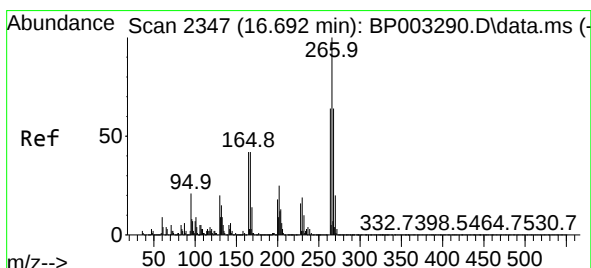
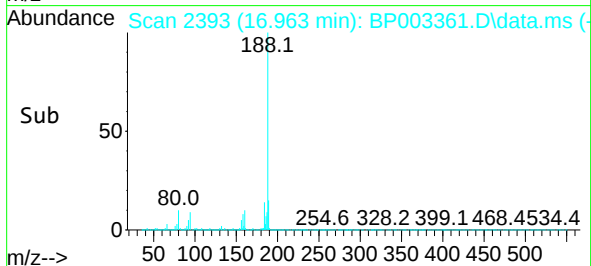
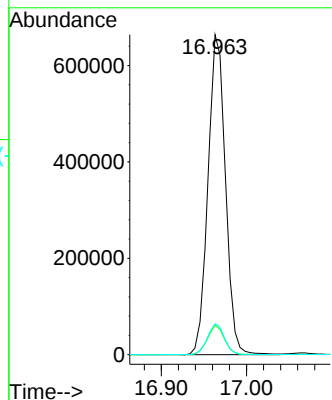
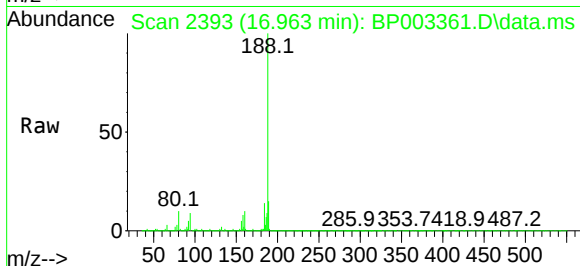




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.963 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

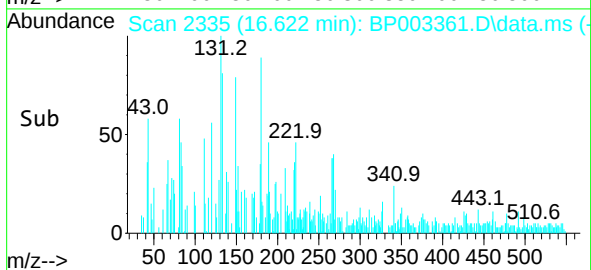
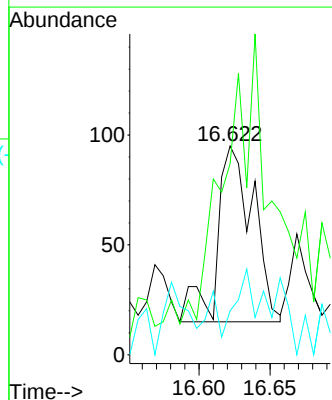
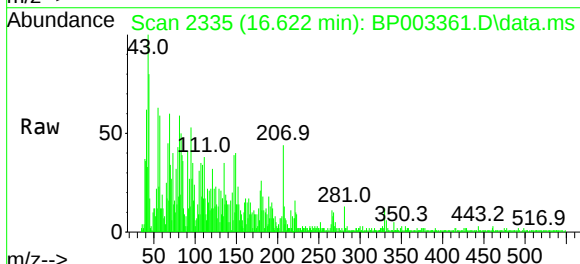
Instrument :
BNA_P
ClientSampleId :
40AA-MH

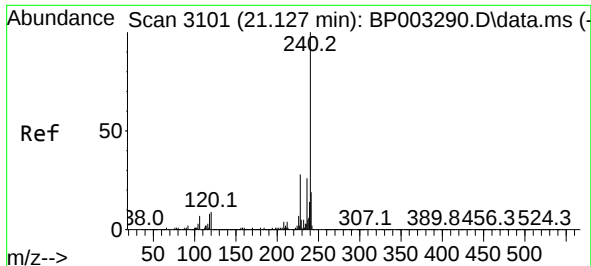
Tgt Ion:188 Resp: 945747
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.7 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.622 min Scan# 2335
Delta R.T. -0.018 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
268 91.6 51.1 76.7#
264 21.1 50.6 76.0#

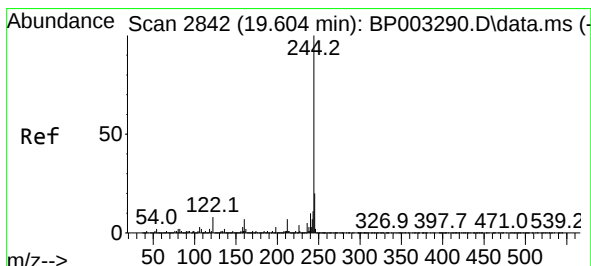
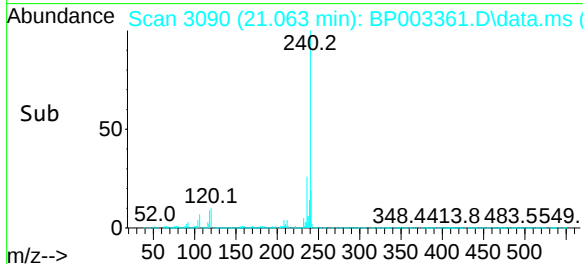
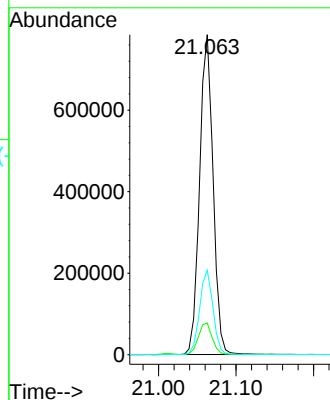
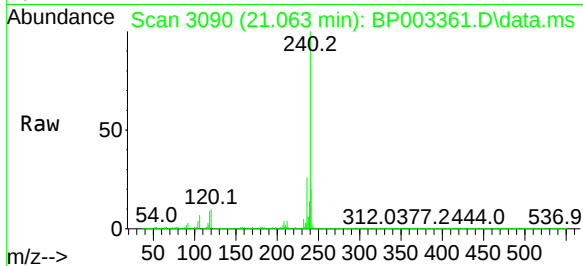




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

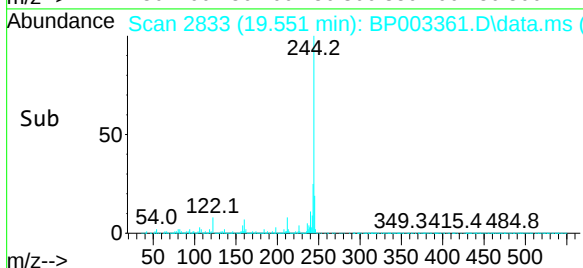
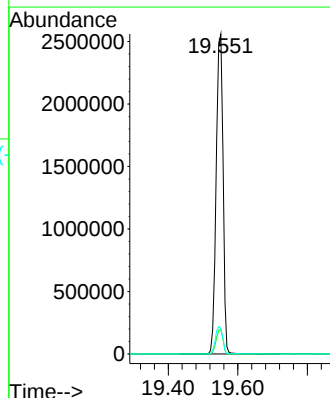
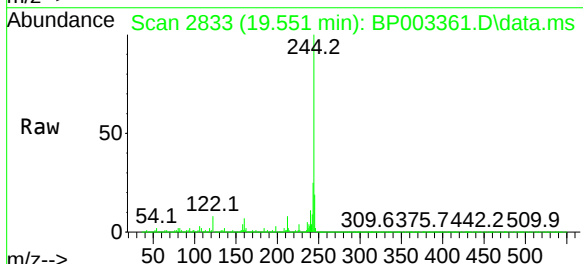
Instrument :
BNA_P
ClientSampleId :
40AA-MH

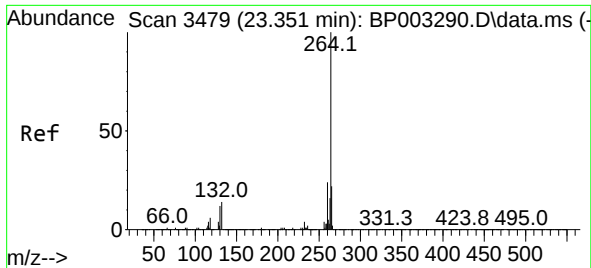
Tgt Ion:240 Resp: 947324
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 76.88 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP003361.D
Acq: 23 Sep 2020 17:13

Tgt Ion:244 Resp: 3495491
Ion Ratio Lower Upper
244 100
212 7.6 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: BP003361.D
 Acq: 23 Sep 2020 17:13

Instrument :
 BNA_P
 ClientSampleId :
 40AA-MH

Tgt Ion:264 Resp: 857660
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.6 17.4 26.2

