

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004027.D
 Acq On : 20 Nov 2020 16:52
 Operator : CG/JU
 Sample : L4829-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-10D

Quant Time: Nov 20 17:20:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

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

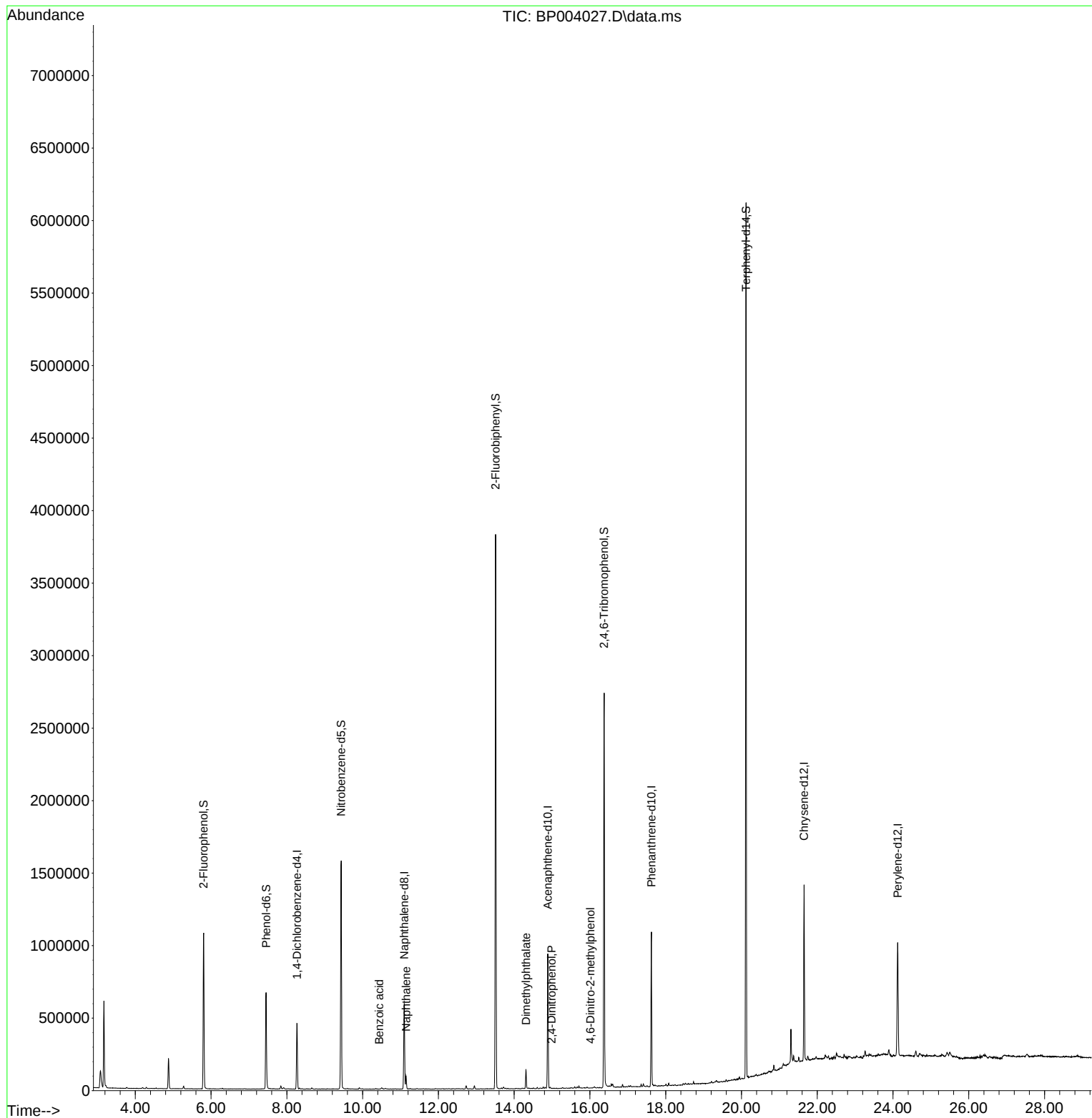
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	123668	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	479335	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	305701	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	628937	20.00	ng	0.00
76) Chrysene-d12	21.651	240	606122	20.00	ng	0.00
86) Perylene-d12	24.121	264	608841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	460244	62.11	ng	0.00
7) Phenol-d6	7.452	99	374243	35.18	ng	0.00
23) Nitrobenzene-d5	9.434	82	886961	90.62	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	543270	142.09	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1922874	87.94	ng	0.00
79) Terphenyl-d14	20.122	244	2571527	81.97	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.393	77	343	Below Cal	#	46
31) Naphthalene	11.146	128	67452	2.62	ng	99
32) Benzoic acid	10.440	122	35	8.31	ng	# 1
50) Dimethylphthalate	14.310	163	83215	3.48	ng	99
54) 2,4-Dinitrophenol	14.987	184	20	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	49	6.35	ng	# 1

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 12:19:10 2020
Response via : Initial Calibration

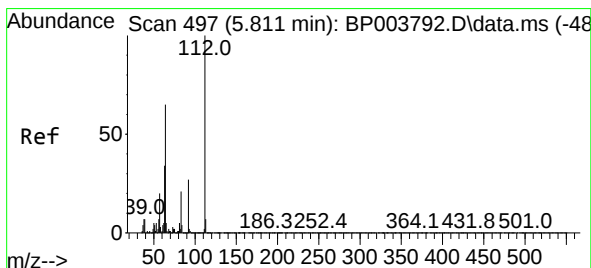
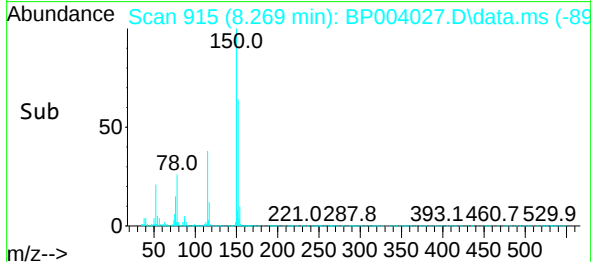
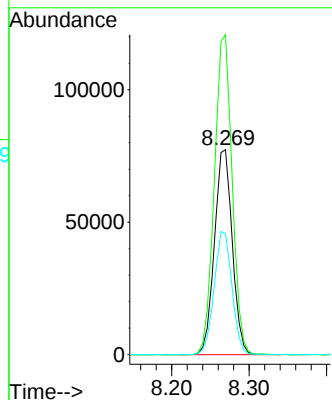
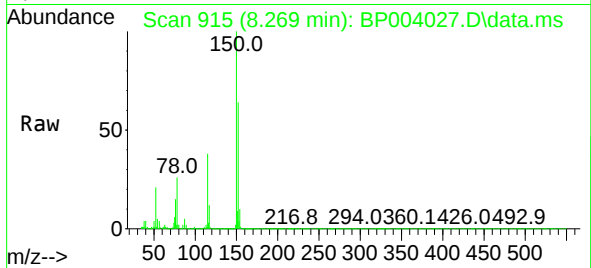




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

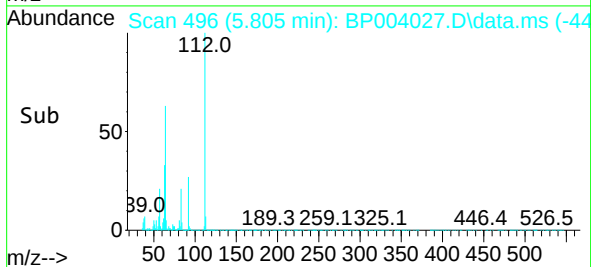
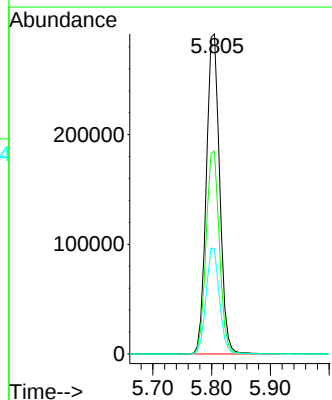
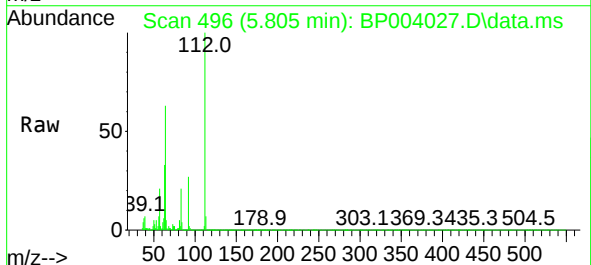
Instrument :
BNA_P
ClientSampleId :
MW-10D

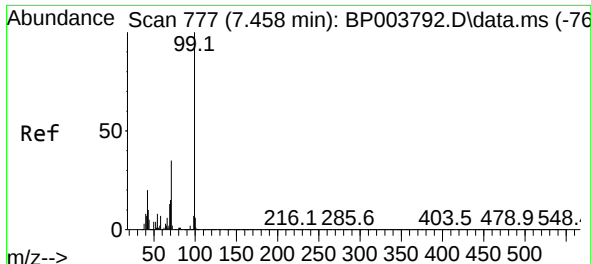
Tgt Ion:152 Resp: 123668
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 59.1 43.8 65.6



#5
2-Fluorophenol
Concen: 62.11 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:112 Resp: 460244
Ion Ratio Lower Upper
112 100
64 63.3 32.8 49.2#
63 32.8 17.0 25.4#

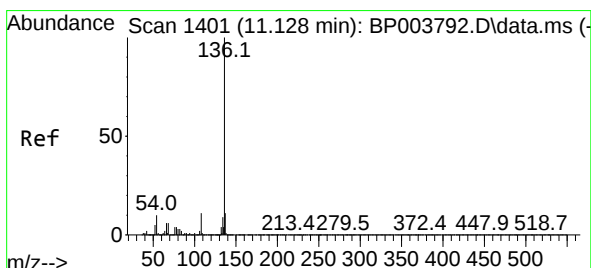
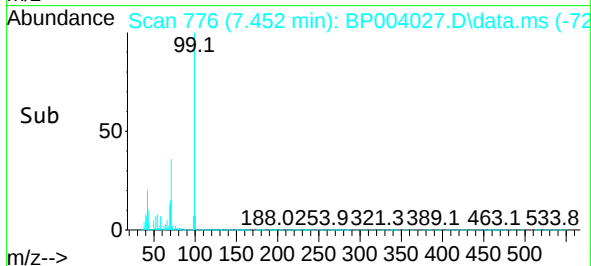
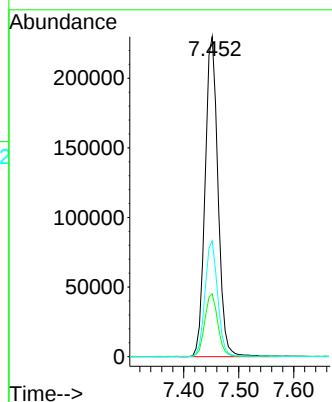
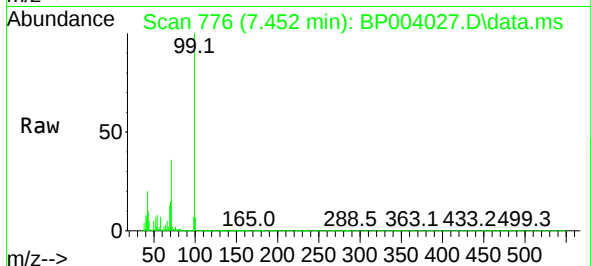




#7
Phenol-d6
Concen: 35.18 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

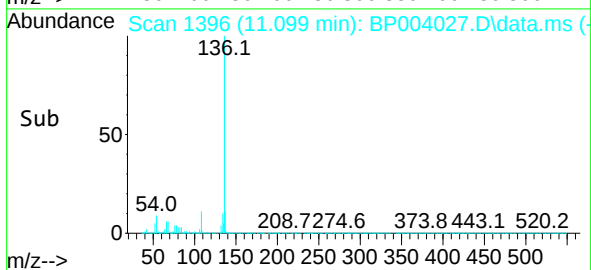
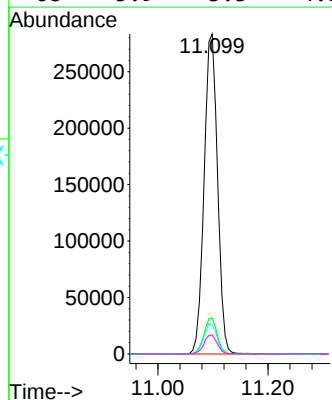
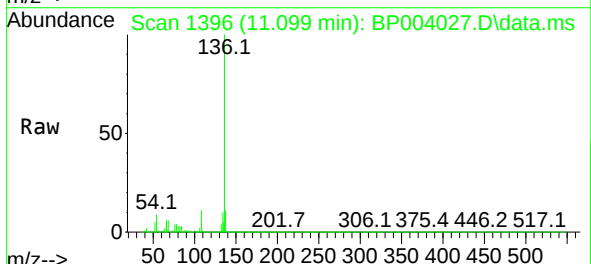
Instrument :
BNA_P
ClientSampleId :
MW-10D

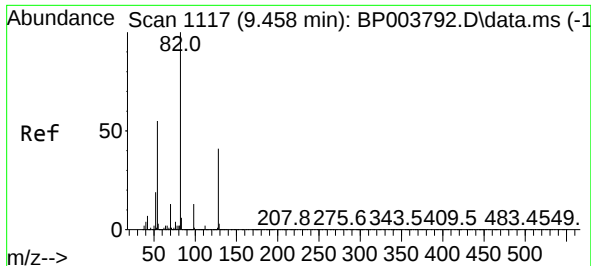
Tgt Ion: 99 Resp: 374243
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 36.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion: 136 Resp: 479335
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 3.6 5.4#
68 5.9 3.3 4.9#

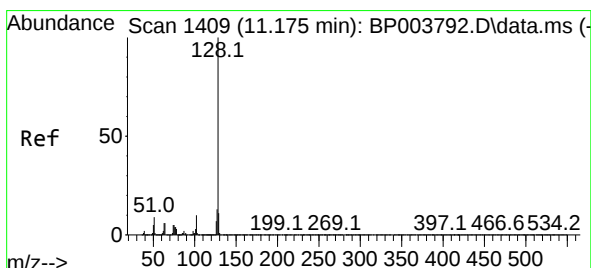
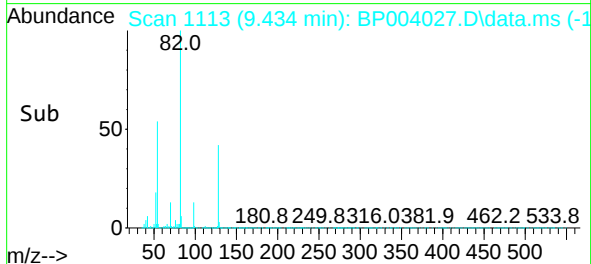
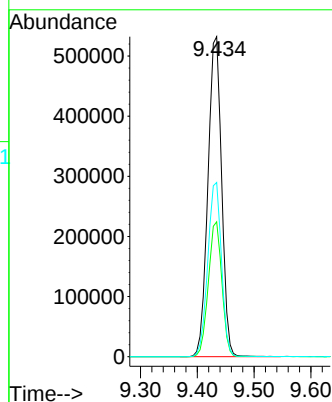
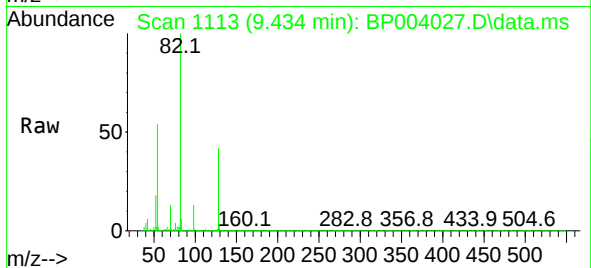




#23
Nitrobenzene-d5
Concen: 90.62 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

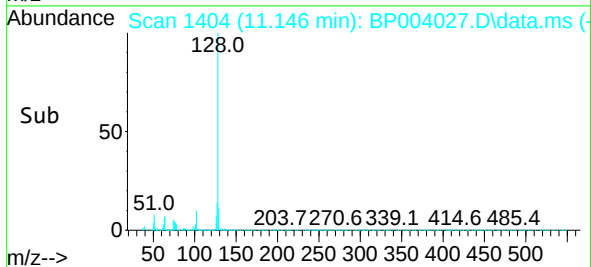
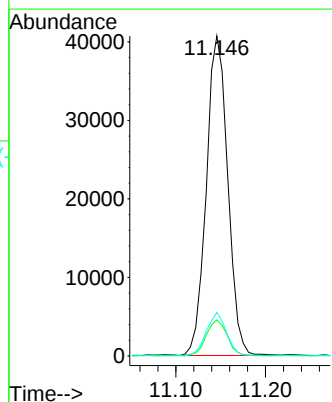
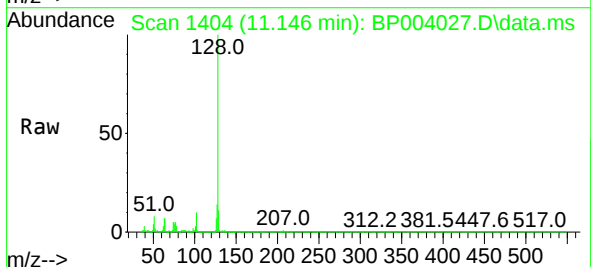
Instrument :
BNA_P
ClientSampleId :
MW-10D

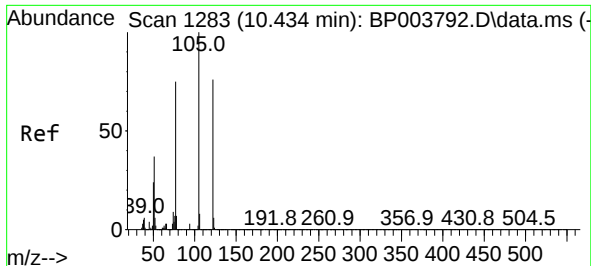
Tgt Ion: 82 Resp: 886961
Ion Ratio Lower Upper
82 100
128 42.2 45.6 68.4#
54 54.5 30.1 45.1#



#31
Naphthalene
Concen: 2.62 ng
RT: 11.146 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion: 128 Resp: 67452
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.6 15.8

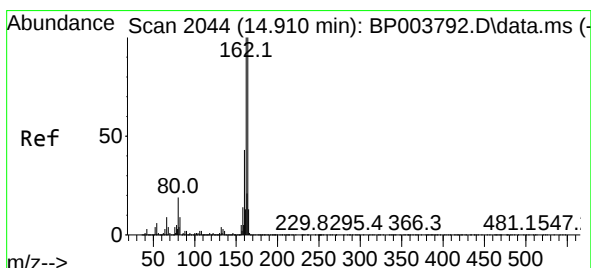
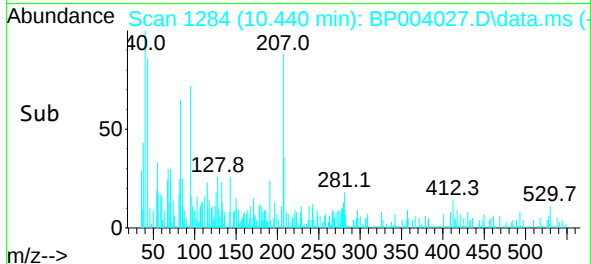
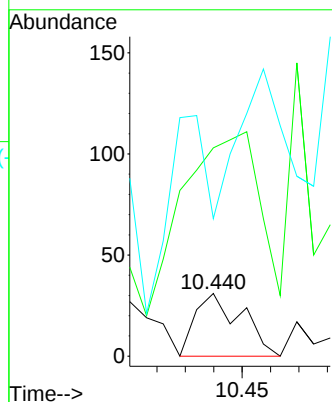
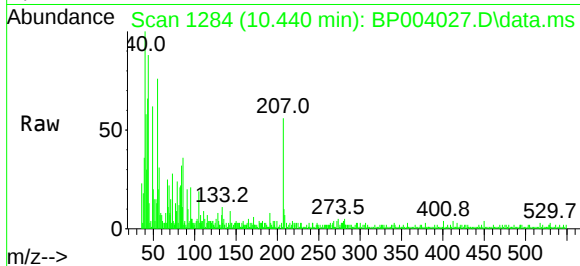




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

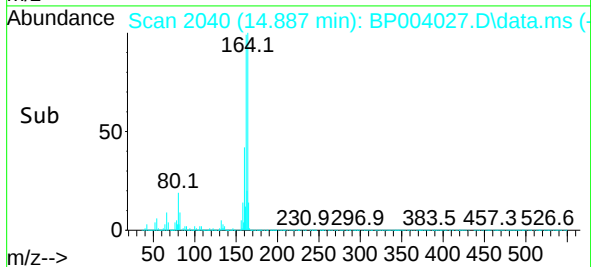
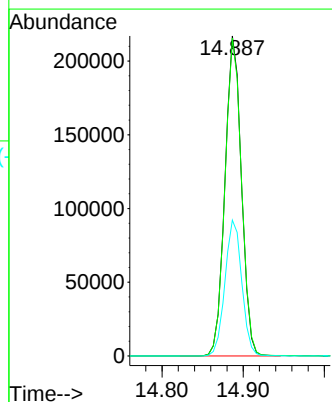
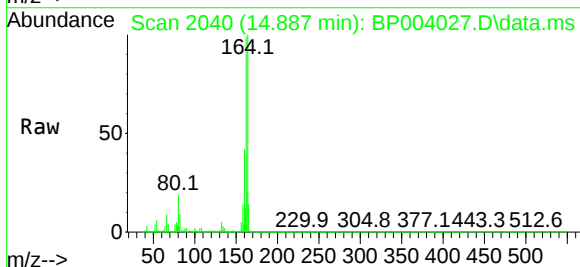
Instrument :
BNA_P
ClientSampleId :
MW-10D

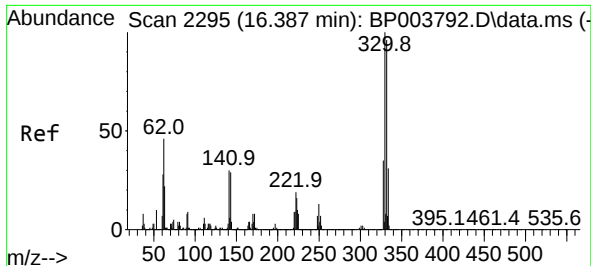
Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 332.3 94.1 134.1#
77 219.4 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:164 Resp: 305701
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 42.5 36.1 54.1

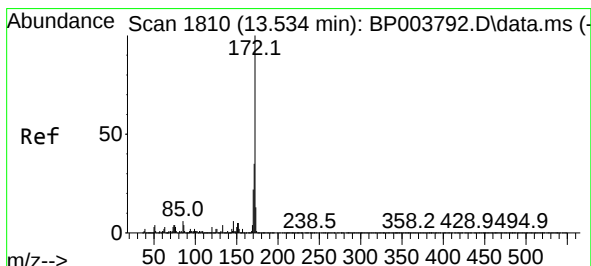
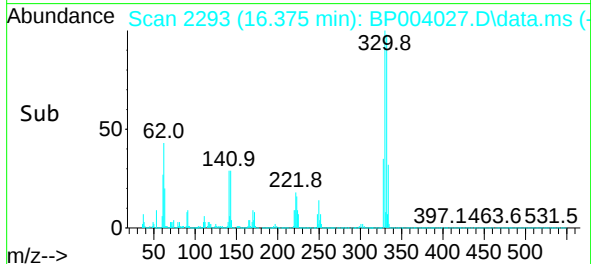
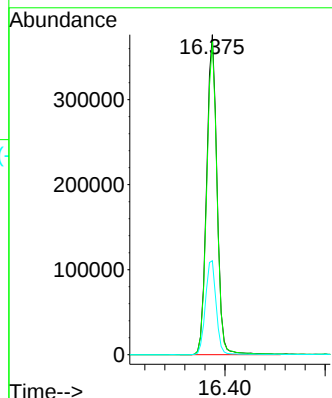
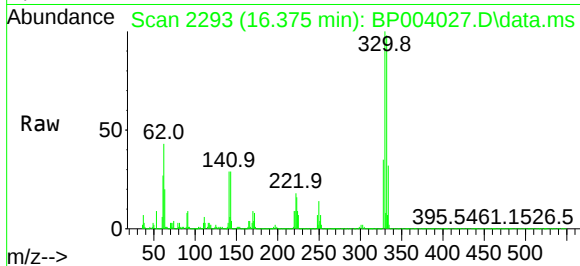




#42
2,4,6-Tribromophenol
Concen: 142.09 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

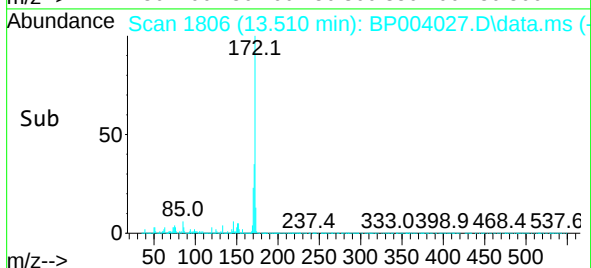
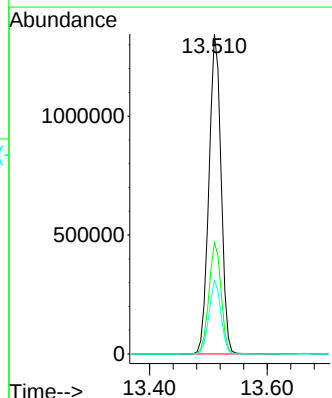
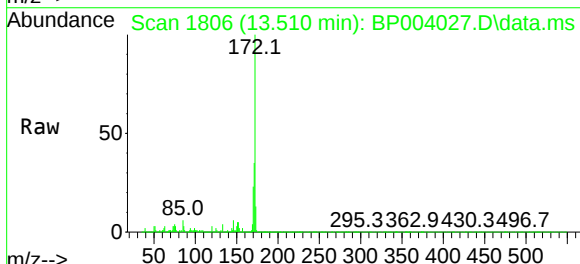
Instrument :
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ClientSampleId :
MW-10D

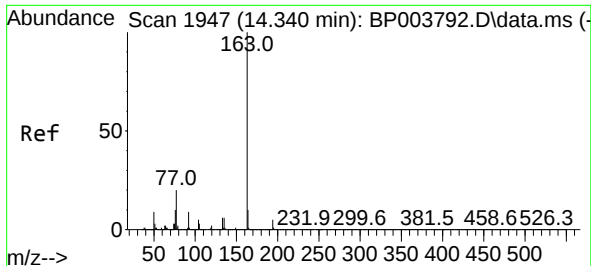
Tgt Ion:330 Resp: 543270
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 87.94 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:172 Resp: 1922874
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 19.2 28.8

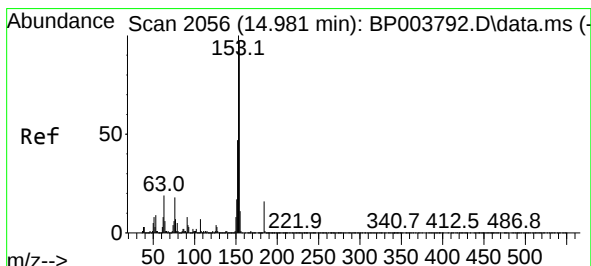
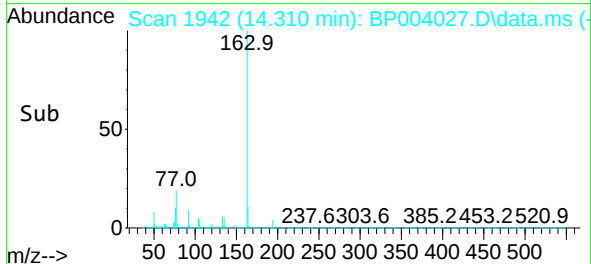
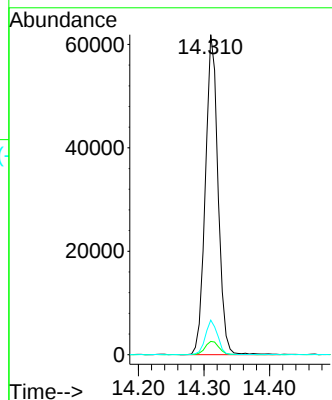
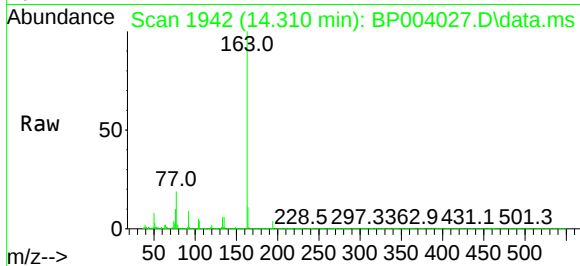




#50
Dimethylphthalate
Concen: 3.48 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

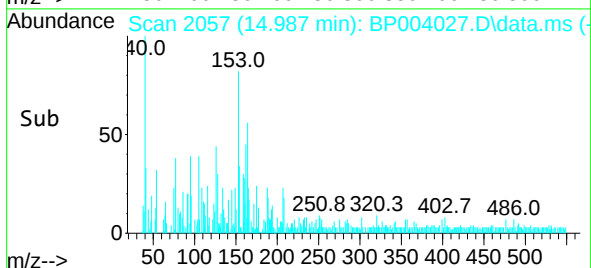
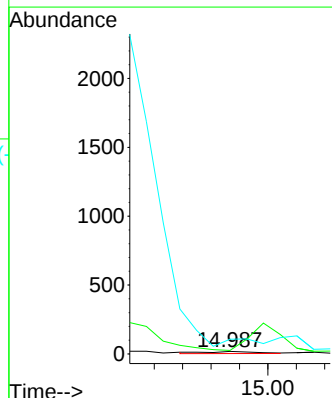
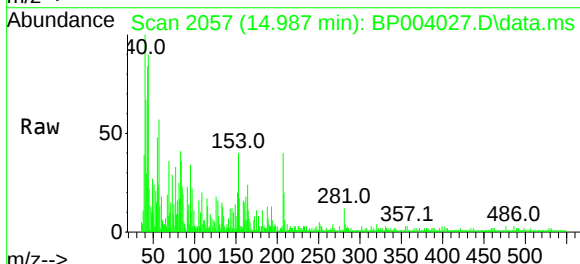
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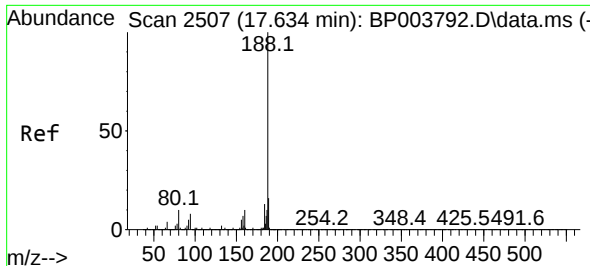
Tgt Ion:163 Resp: 83215
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 83.3 32.3 48.5#
154 356.7 49.1 73.7#

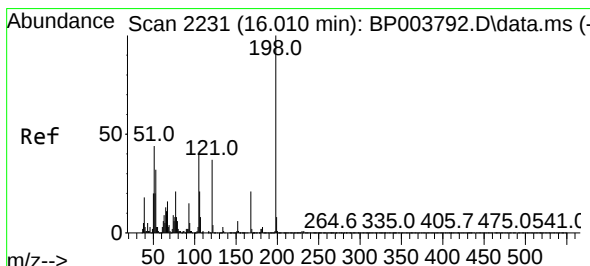
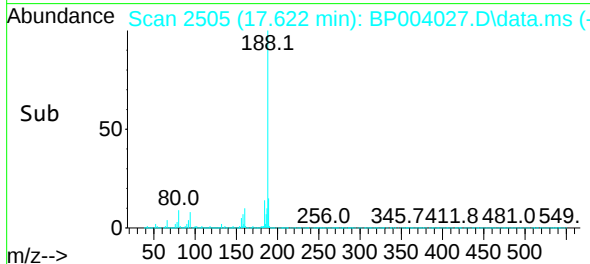
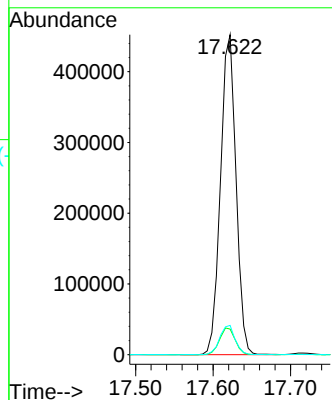
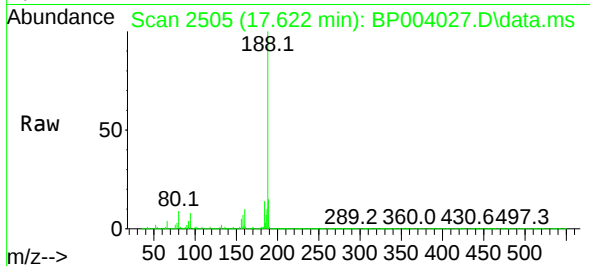




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

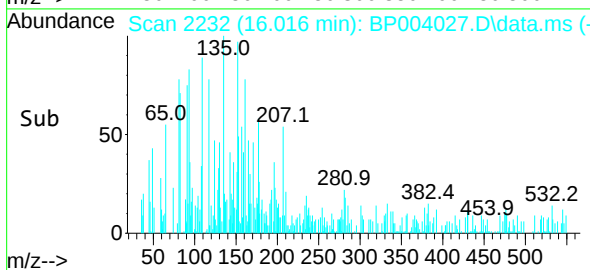
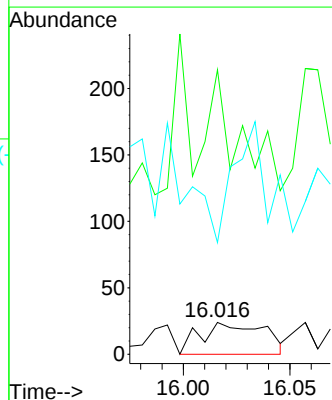
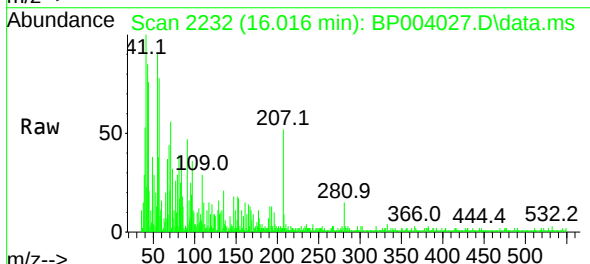
Instrument :
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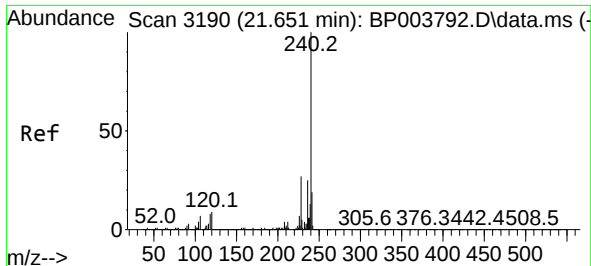
Tgt Ion:188 Resp: 628937
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:198 Resp: 49
Ion Ratio Lower Upper
198 100
51 891.7 6.4 46.4#
105 350.0 18.9 58.9#

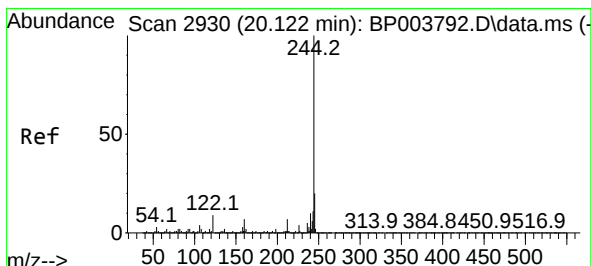
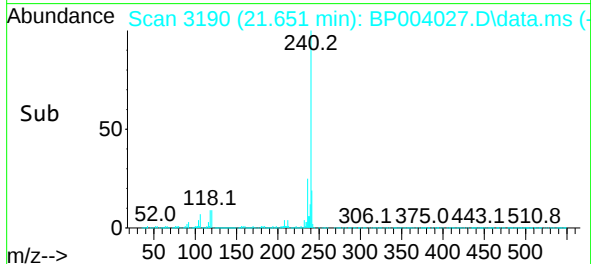
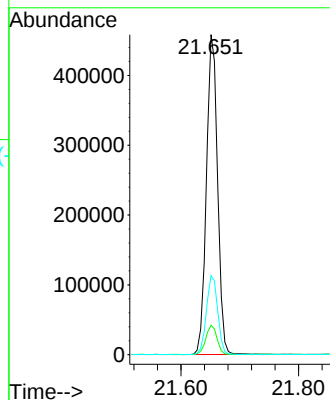
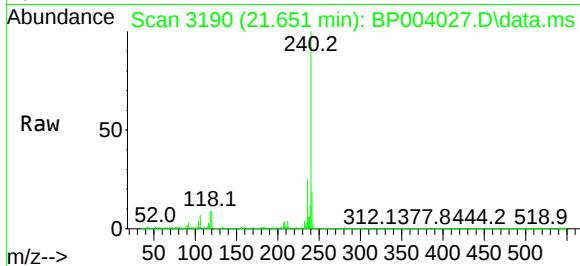




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.006 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

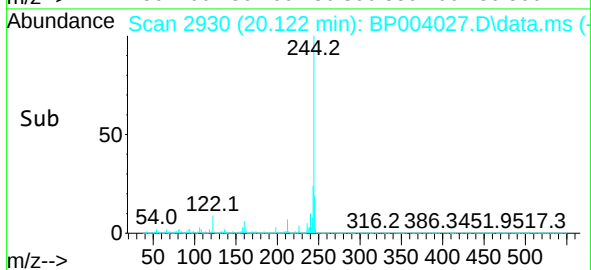
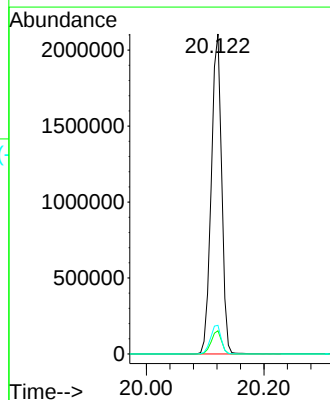
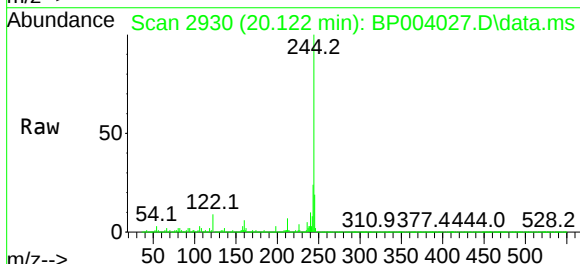
Instrument :
BNA_P
ClientSampleId :
MW-10D

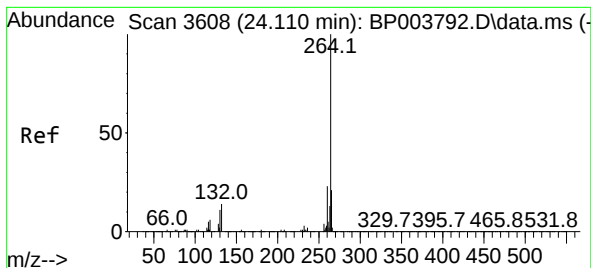
Tgt Ion:240 Resp: 606122
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 81.97 ng
RT: 20.122 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004027.D
Acq: 20 Nov 2020 16:52

Tgt Ion:244 Resp: 2571527
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.121 min Scan# 3610
 Delta R.T. -0.006 min
 Lab File: BP004027.D
 Acq: 20 Nov 2020 16:52

Instrument :
 BNA_P
 ClientSampleId :
 MW-10D

Tgt Ion:264 Resp: 608841
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.6 17.4 26.2

