

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004106.D
 Acq On : 25 Nov 2020 20:12
 Operator : CG/JU
 Sample : L4858-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-013

Quant Time: Nov 26 00:32:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

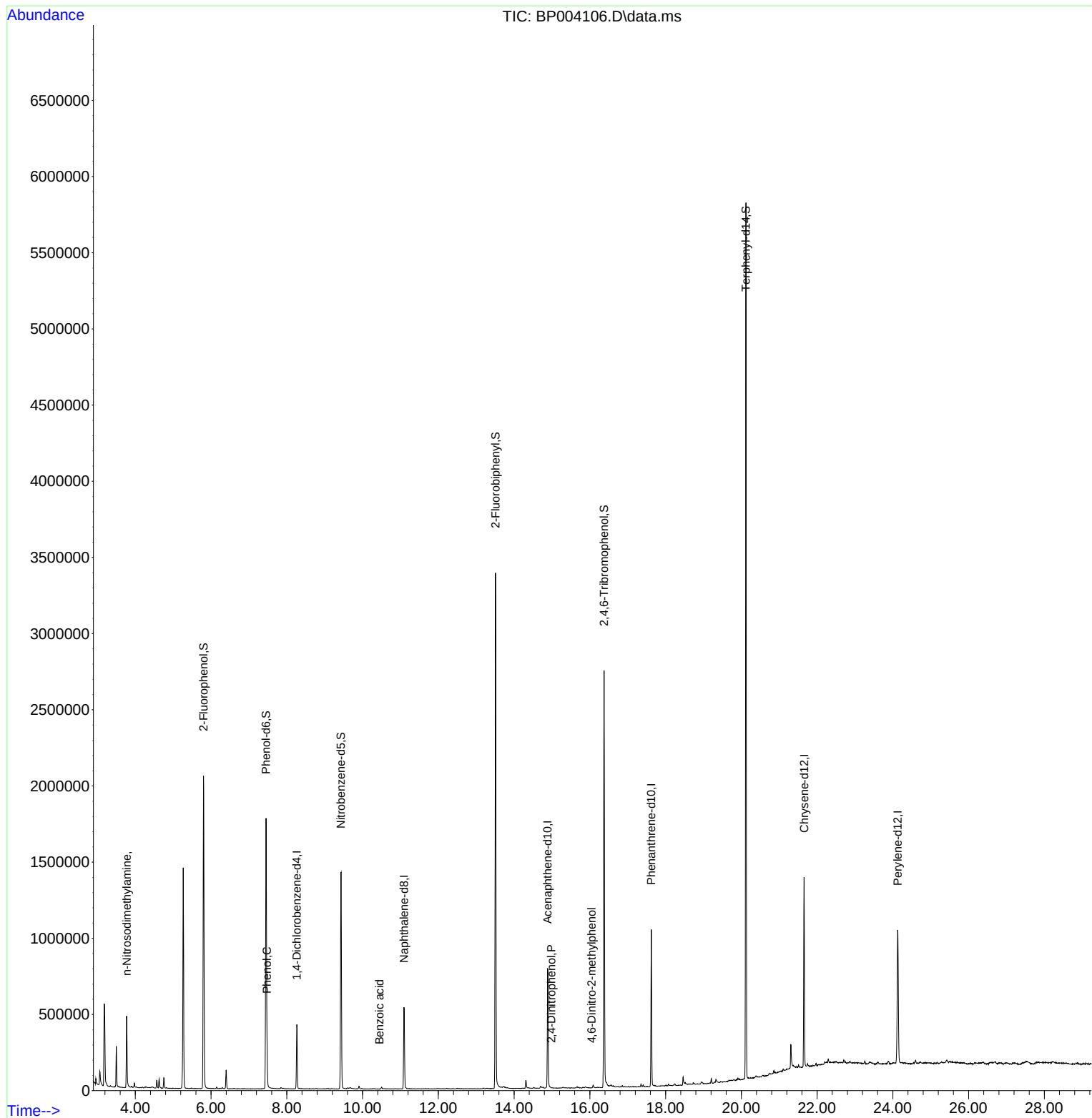
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	111228	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	437631	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	275882	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	615788	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	617165	20.00	ng	0.00
86) Perylene-d12	24.127	264	697502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	874075	131.16	ng	0.00
7) Phenol-d6	7.452	99	989521	103.43	ng	0.00
23) Nitrobenzene-d5	9.428	82	814644	91.17	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	524868	152.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1760972	89.24	ng	0.00
79) Terphenyl-d14	20.121	244	2345111	73.41	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.775	42	14776	3.81	ng	# 1
9) Benzaldehyde	7.369	77	731	Below Cal		# 63
10) Phenol	7.475	94	86898	9.41	ng	78
32) Benzoic acid	10.445	122	23	8.31	ng	# 1
54) 2,4-Dinitrophenol	14.981	184	26	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.045	198	32	6.35	ng	# 1

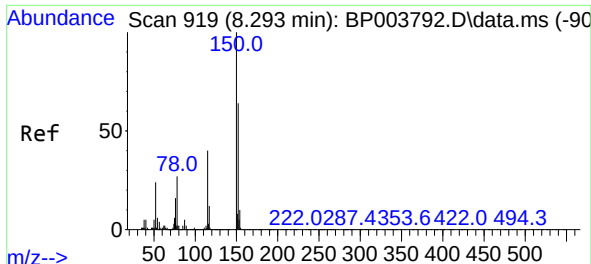
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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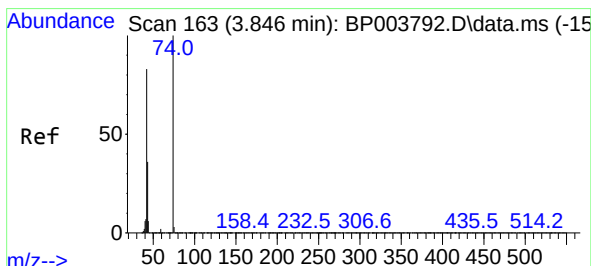
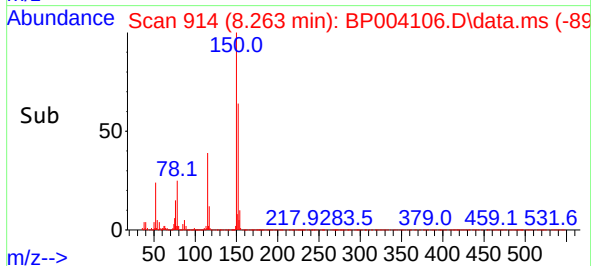
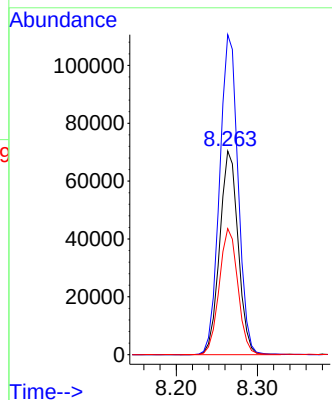
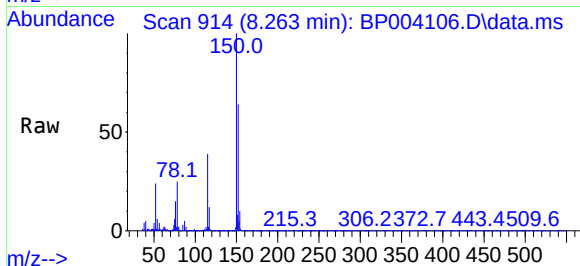




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

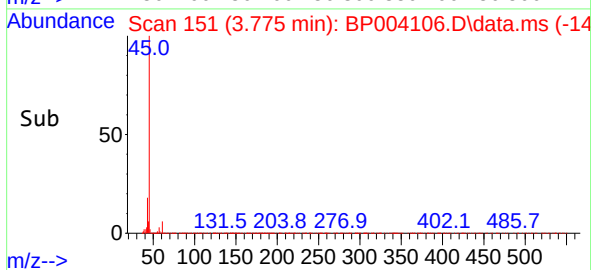
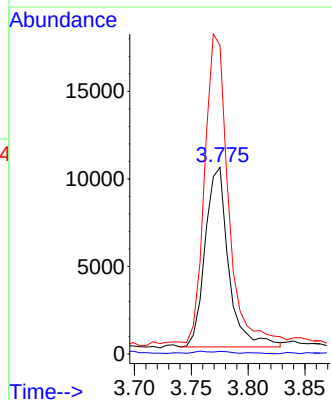
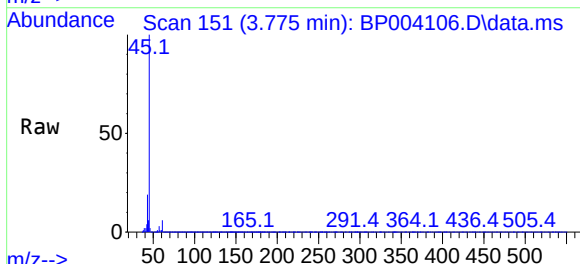
Instrument :
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ClientSampleId :
PHC-340EM-013

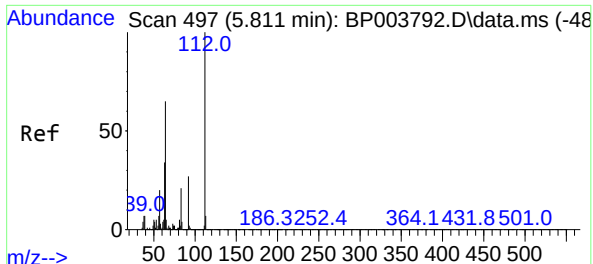
Tgt Ion:152 Resp: 111228
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 61.9 43.8 65.6



#4
n-Nitrosodimethylamine
Concen: 3.81 ng
RT: 3.775 min Scan# 151
Delta R.T. -0.053 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion: 42 Resp: 14776
Ion Ratio Lower Upper
42 100
74 1.4 148.6 223.0#
44 165.4 5.3 7.9#

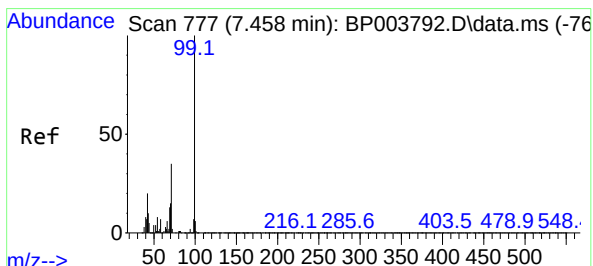
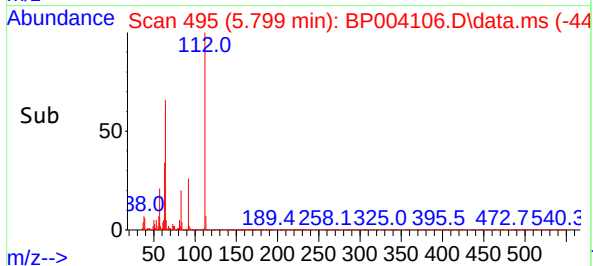
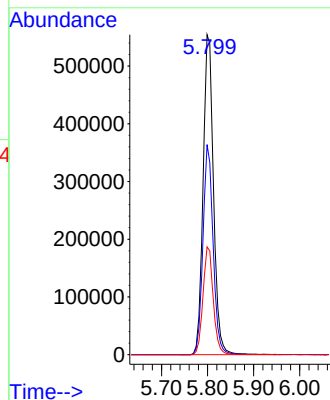
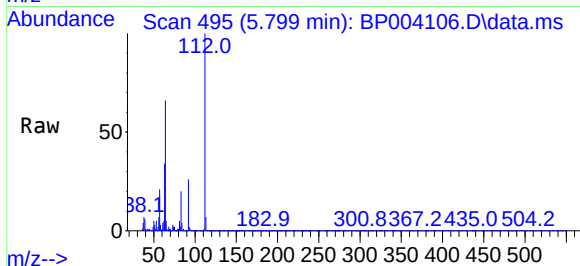




#5
2-Fluorophenol
Concen: 131.16 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

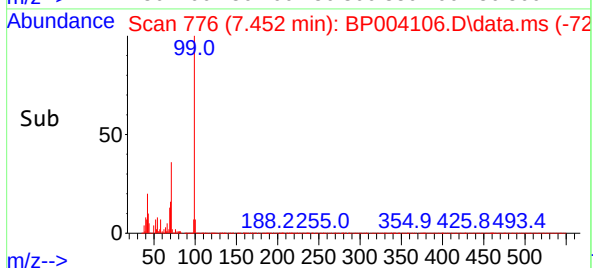
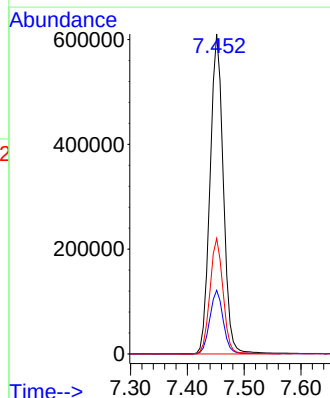
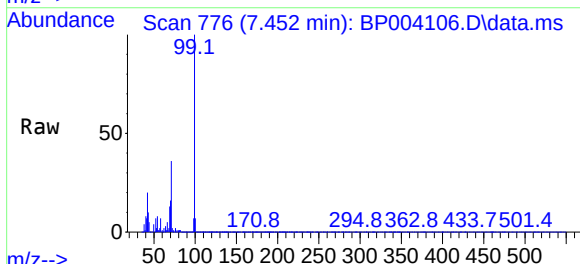
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-013

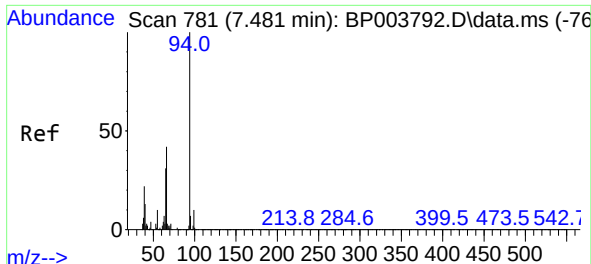
Tgt Ion:112 Resp: 874075
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 33.7 17.0 25.4#



#7
Phenol-d6
Concen: 103.43 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion: 99 Resp: 989521
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 36.1 23.4 35.2#

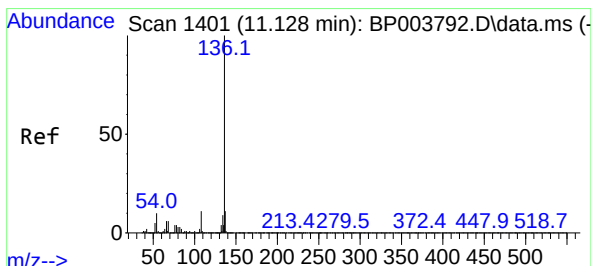
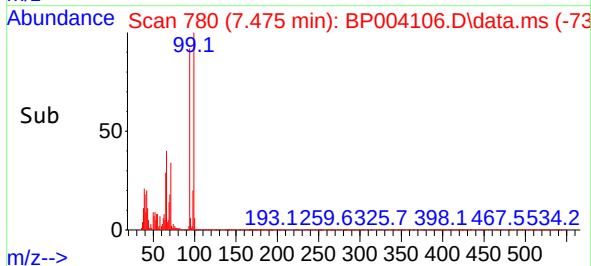
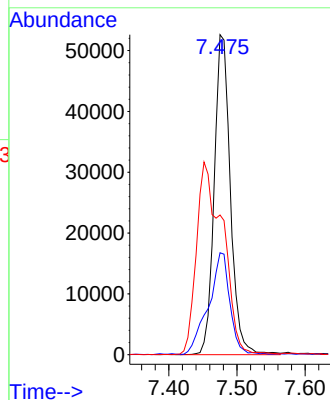
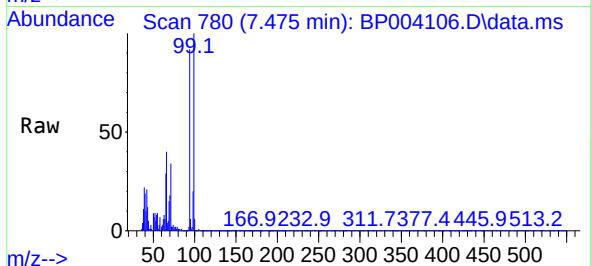




#10
Phenol
Concen: 9.41 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

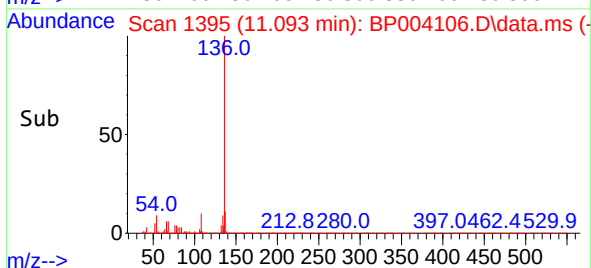
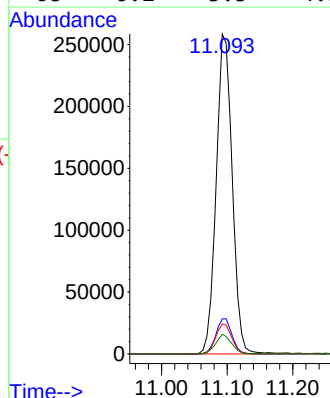
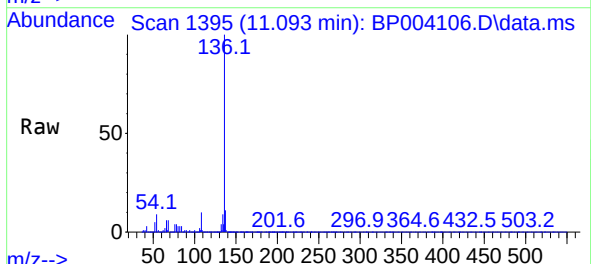
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-013

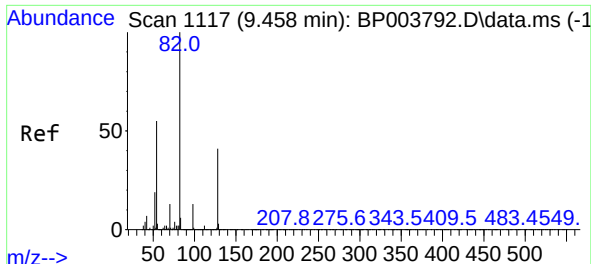
Tgt Ion: 94 Resp: 86898
Ion Ratio Lower Upper
94 100
65 31.8 2.3 42.3
66 43.7 10.9 50.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion: 136 Resp: 437631
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 3.6 5.4#
68 6.2 3.3 4.9#

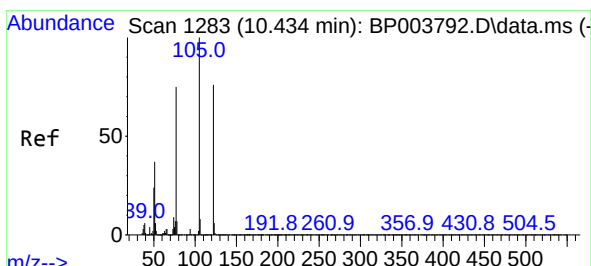
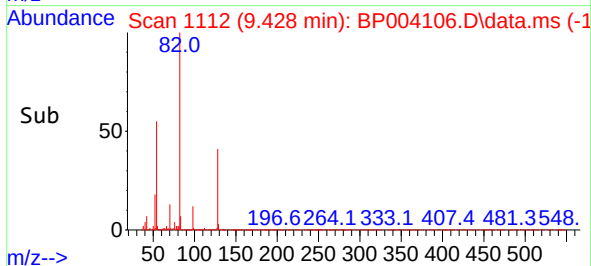
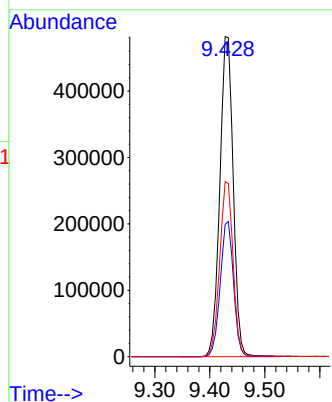
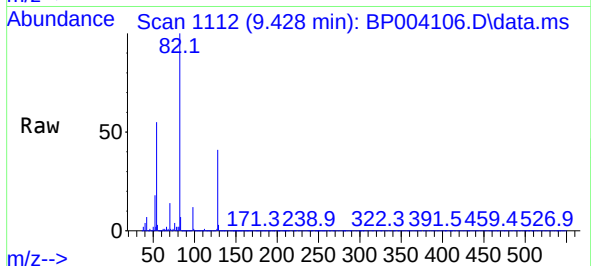




#23
Nitrobenzene-d5
Concen: 91.17 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

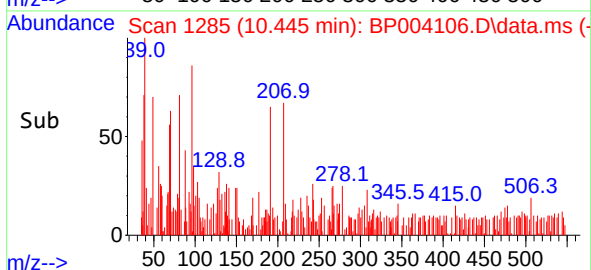
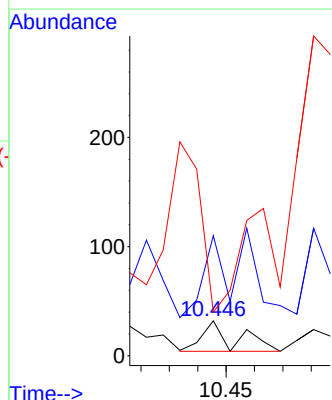
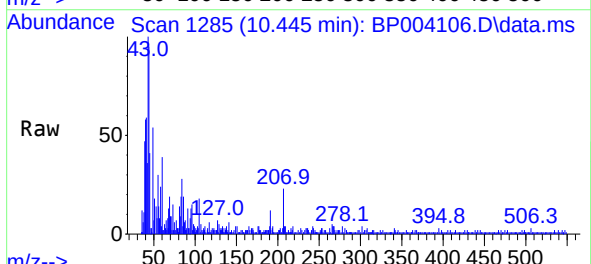
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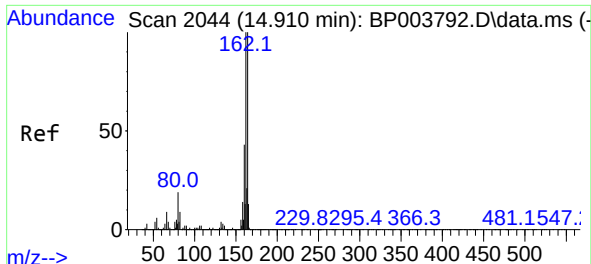
Tgt Ion: 82 Resp: 814644
Ion Ratio Lower Upper
82 100
128 41.3 45.6 68.4#
54 54.7 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 343.8 94.1 134.1#
77 125.0 50.1 90.1#

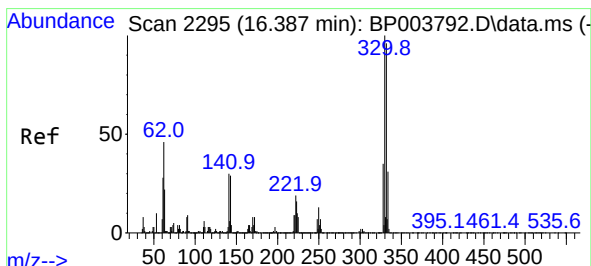
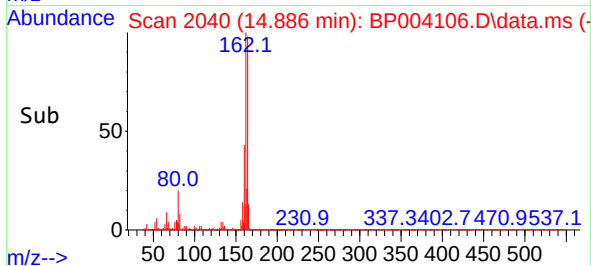
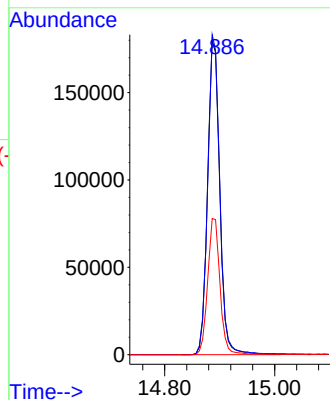
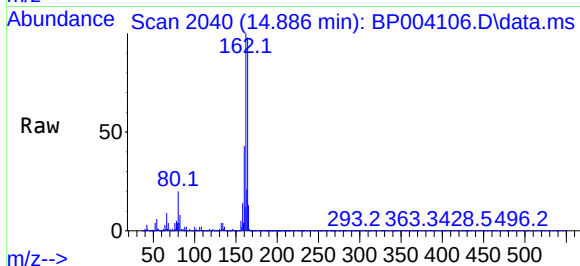




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

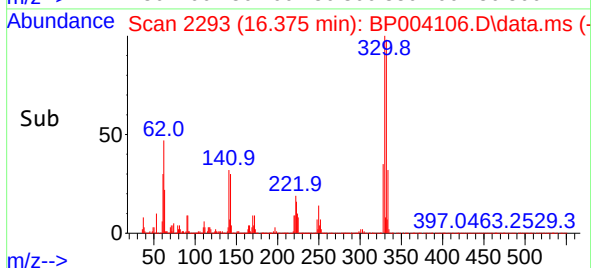
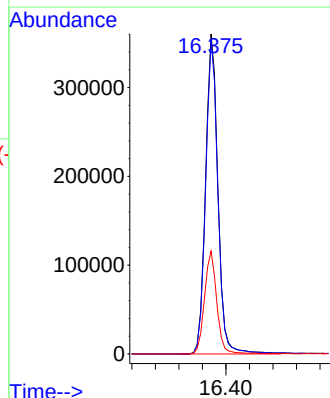
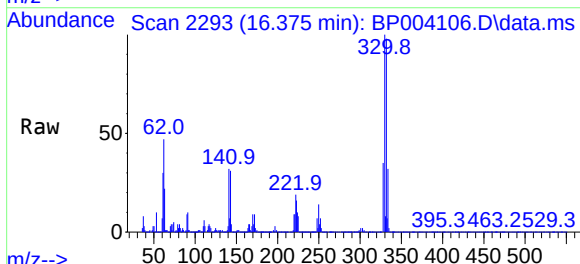
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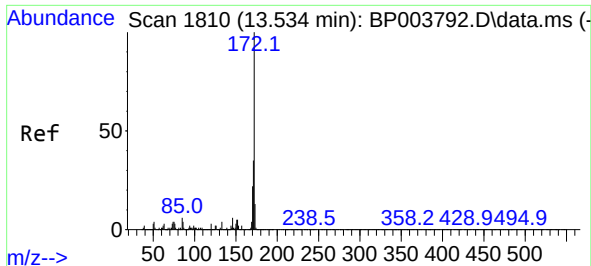
Tgt Ion:164 Resp: 275882
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 43.3 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 152.11 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion:330 Resp: 524868
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.0 23.4 35.2

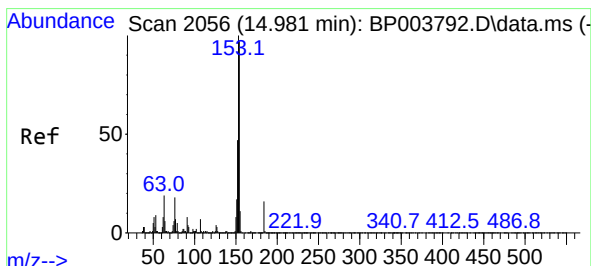
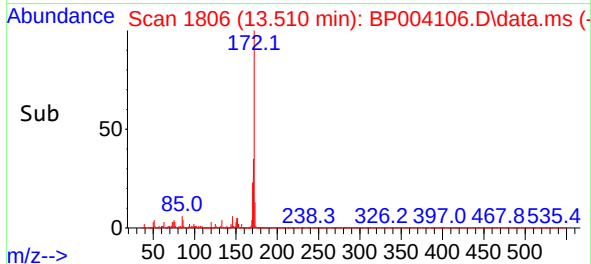
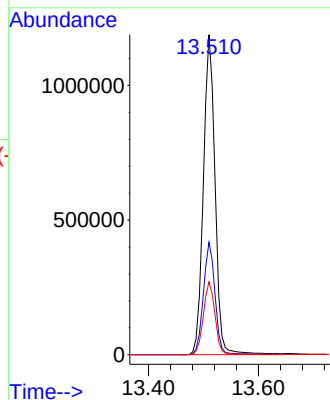
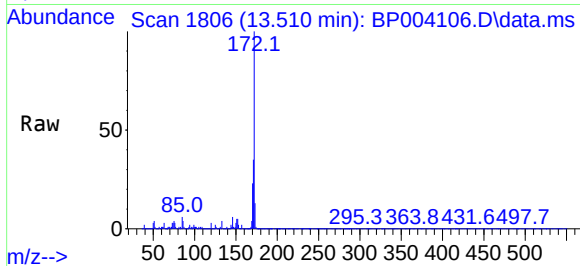




#45
2-Fluorobiphenyl
Concen: 89.24 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

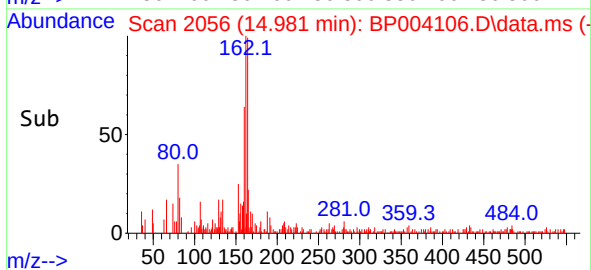
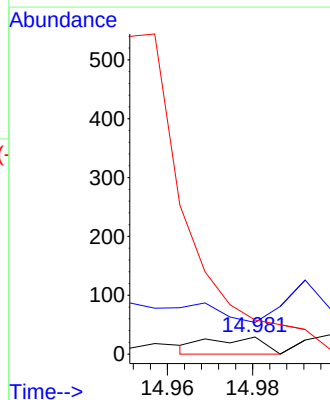
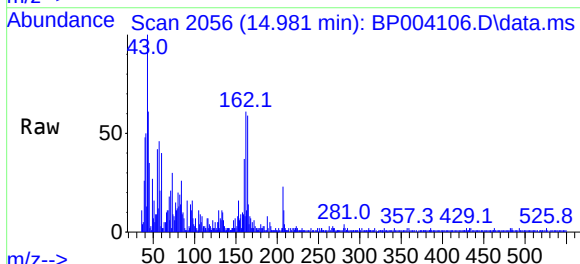
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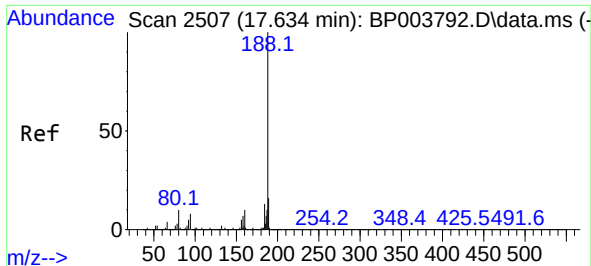
Tgt Ion:172 Resp: 1760972
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 186.2 32.3 48.5#
154 200.0 49.1 73.7#

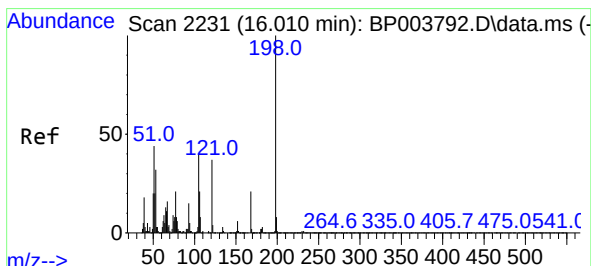
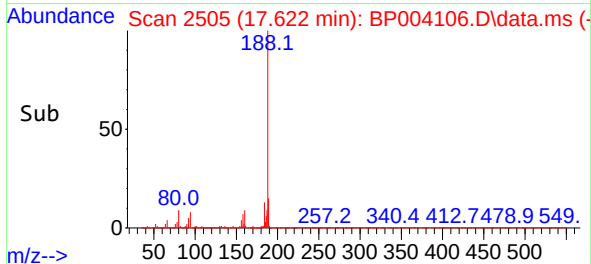
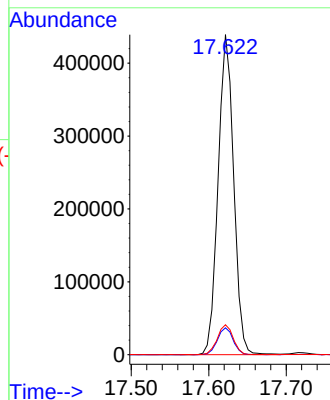
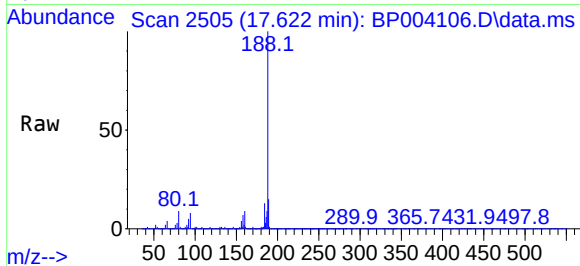




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

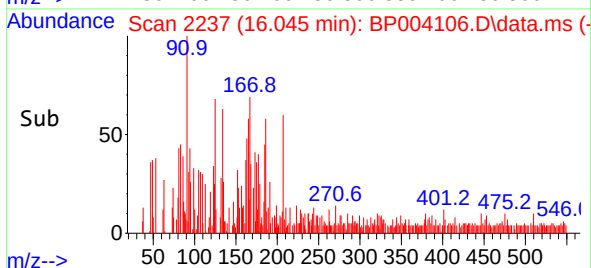
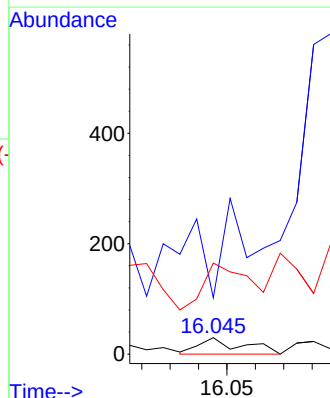
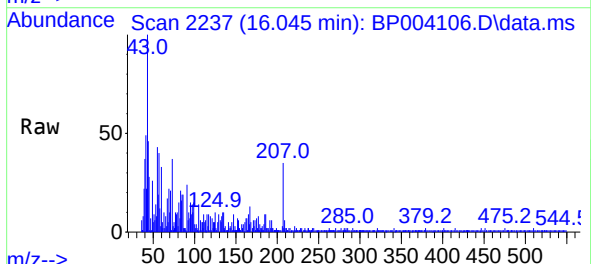
Instrument :
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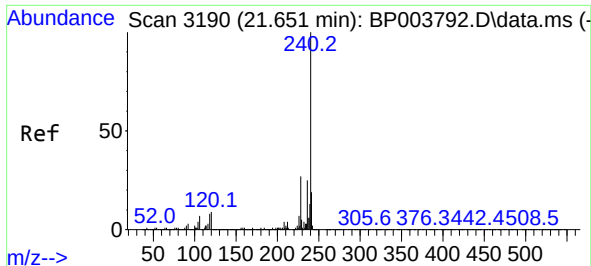
Tgt Ion:188 Resp: 615788
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.045 min Scan# 2237
Delta R.T. 0.030 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 340.0 6.4 46.4#
105 550.0 18.9 58.9#



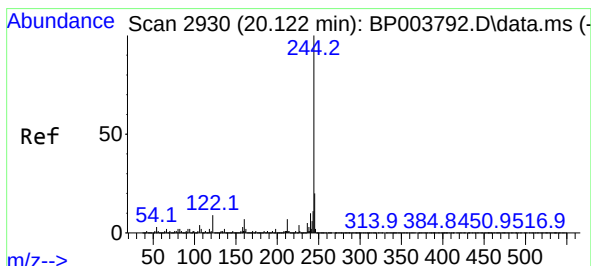
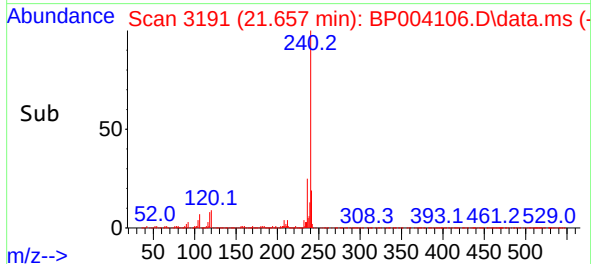
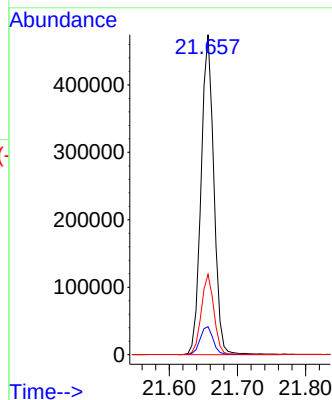
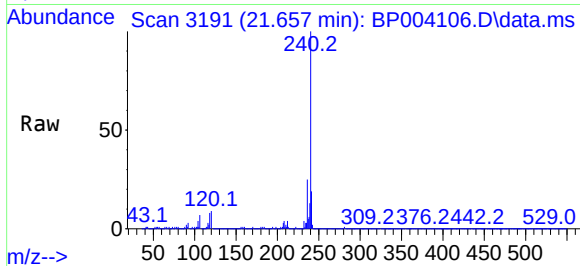


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-013

Tgt Ion:240 Resp: 617165

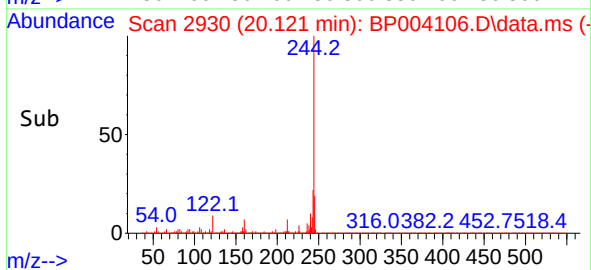
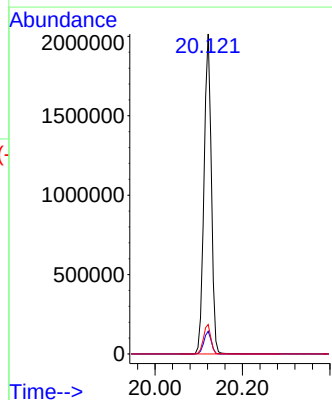
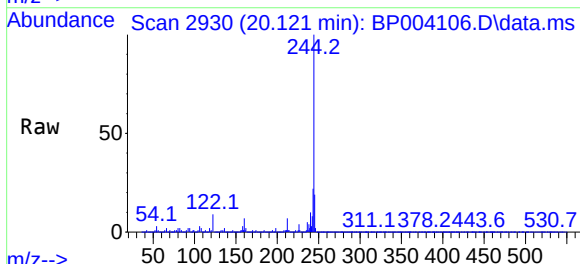
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.6
236	25.1	20.8	31.2

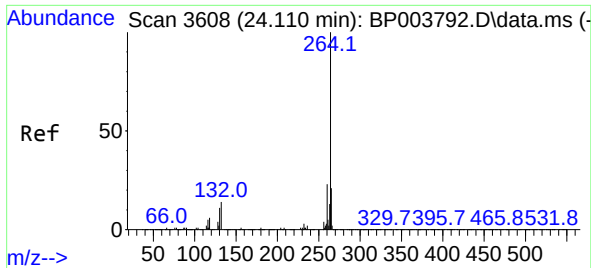


#79
Terphenyl-d14
Concen: 73.41 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Tgt Ion:244 Resp: 2345111

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.2	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004106.D
Acq: 25 Nov 2020 20:12

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-013

Tgt Ion:264 Resp: 697502

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	22.1	17.4	26.2

