

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122097.D
 Acq On : 23 Oct 2020 14:01
 Operator : JU/CG
 Sample : PB132577BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132577BL

Quant Time: Oct 23 14:45:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

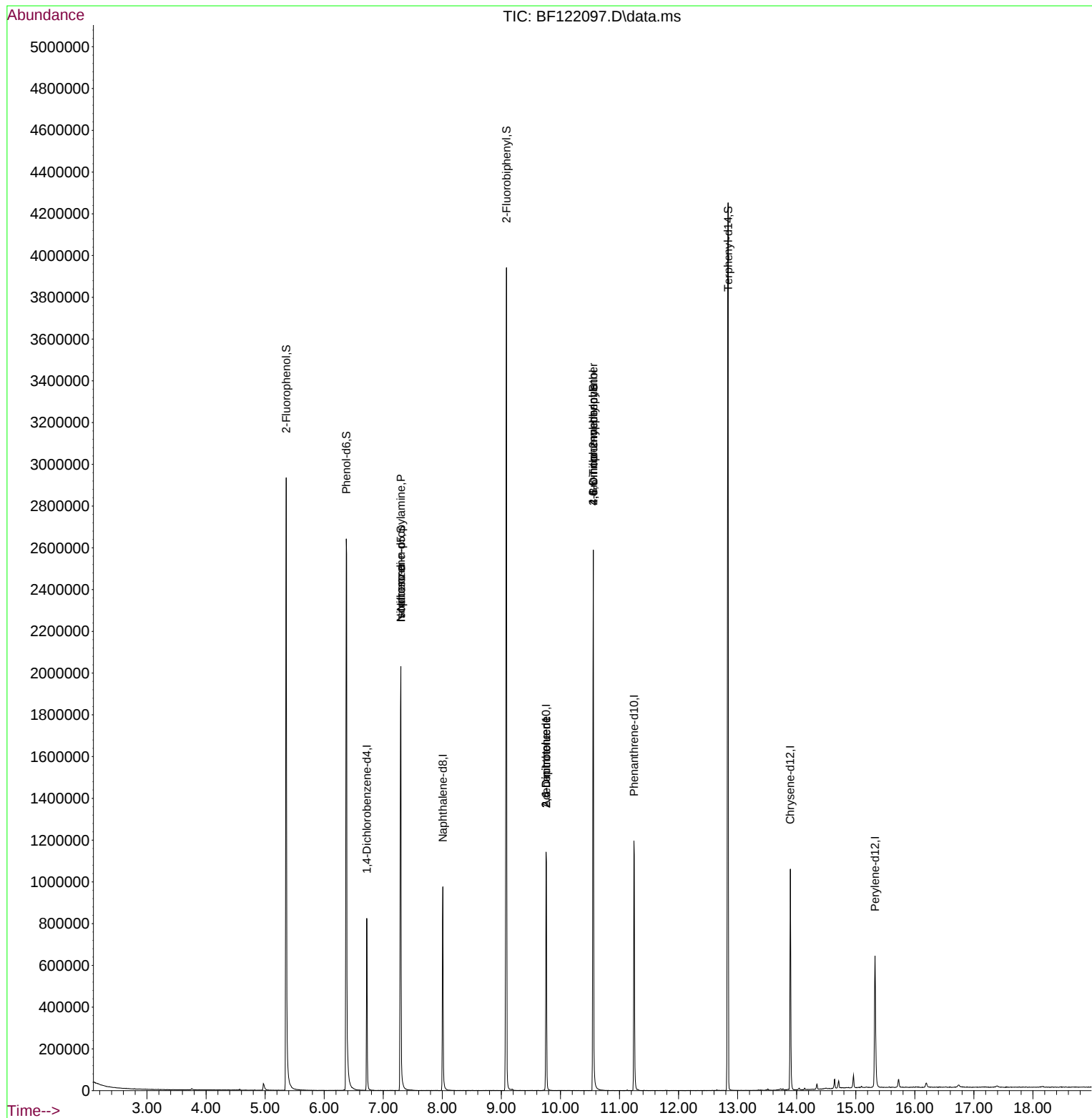
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	118324	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	472075	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	256217	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	496996	20.00	ng	0.00
76) Chrysene-d12	13.892	240	381115	20.00	ng	0.00
86) Perylene-d12	15.327	264	295745	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	870668	108.60	ng	0.01
7) Phenol-d6	6.375	99	1115445	108.08	ng	0.00
23) Nitrobenzene-d5	7.298	82	774620	84.15	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	354036	111.70	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1286173	73.86	ng	0.00
79) Terphenyl-d14	12.839	244	1493433	74.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1677	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	104697	17.82	ng	# 78
25) Isophorone	7.298	82	765400	43.98	ng	# 67
51) 2,6-Dinitrotoluene	9.757	165	33044	8.04	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	33044	6.53	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.557	198	629	4.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	20398	3.55	ng	# 1

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

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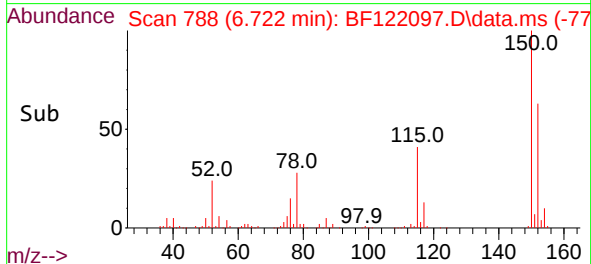
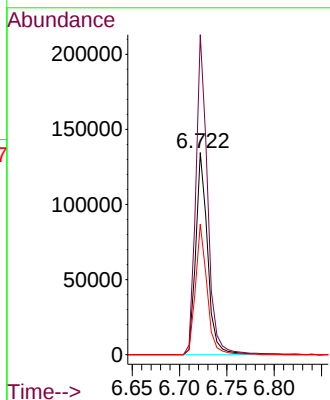
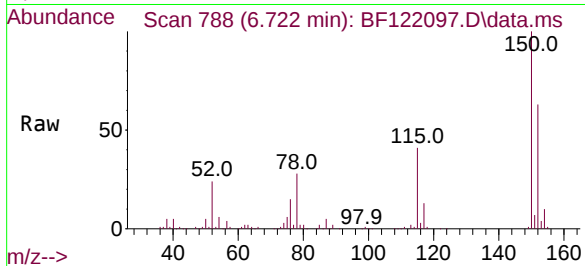




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

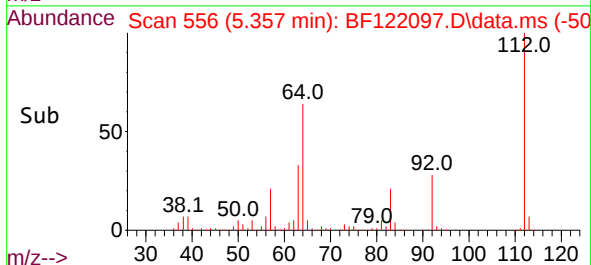
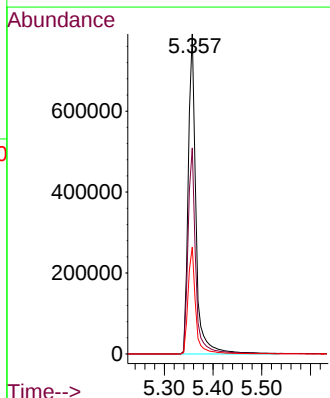
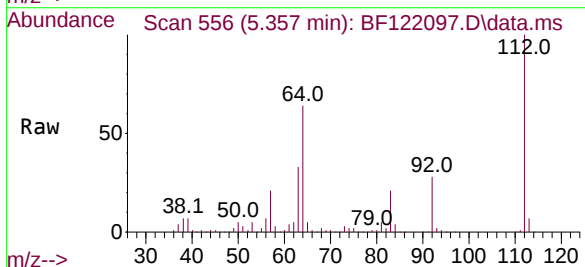
Instrument :
BNA_F
ClientSampleId :
PB132577BL

Tgt Ion:152 Resp: 118324
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 64.7 51.9 77.9



#5
2-Fluorophenol
Concen: 108.60 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Tgt Ion:112 Resp: 870668
Ion Ratio Lower Upper
112 100
64 64.4 50.4 75.6
63 33.4 25.8 38.6

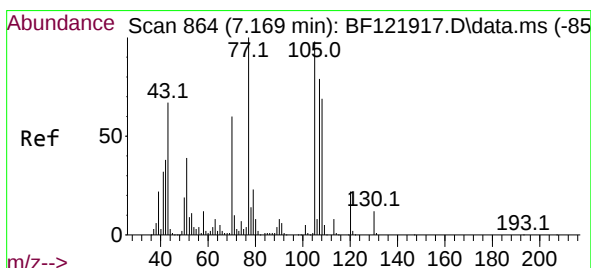
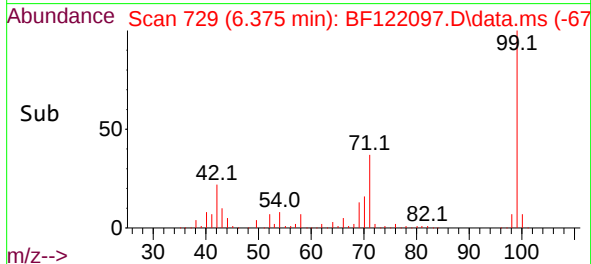
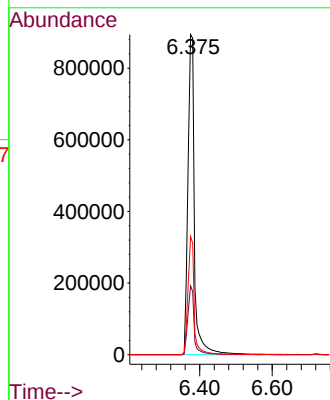
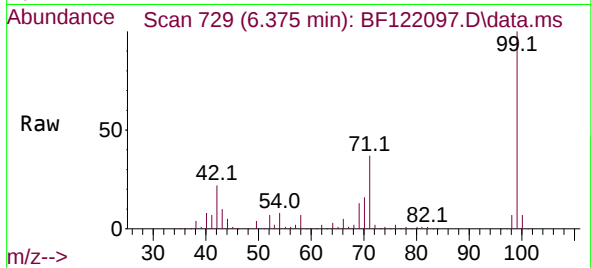




#7
Phenol-d6
Concen: 108.08 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

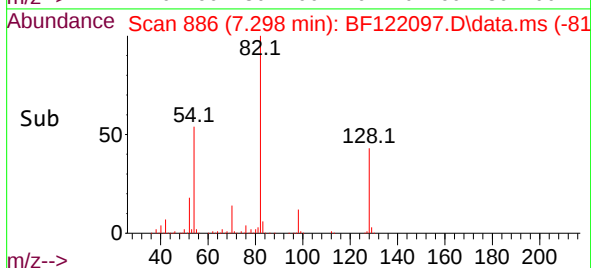
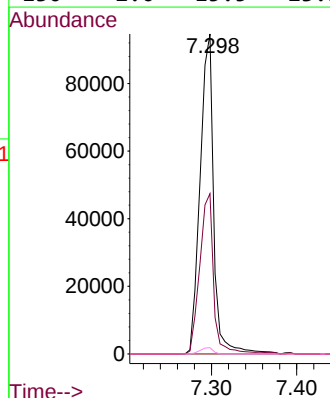
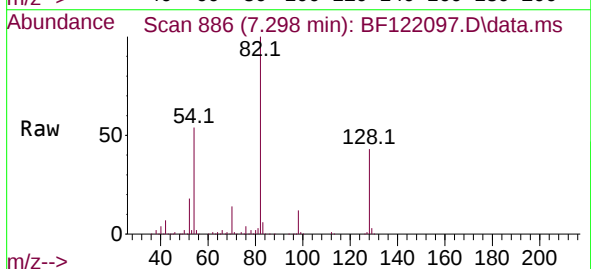
Instrument :
BNA_F
ClientSampleId :
PB132577BL

Tgt Ion: 99 Resp: 1115445
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 36.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

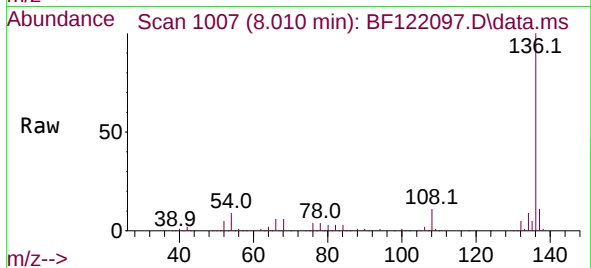
Tgt Ion: 70 Resp: 104697
Ion Ratio Lower Upper
70 100
42 50.1 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



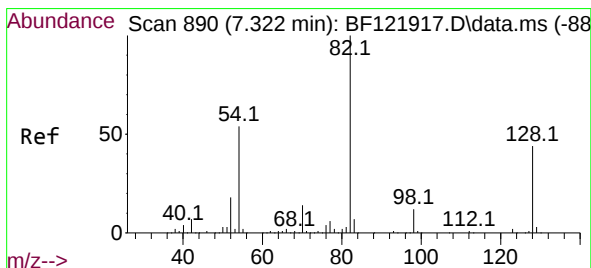
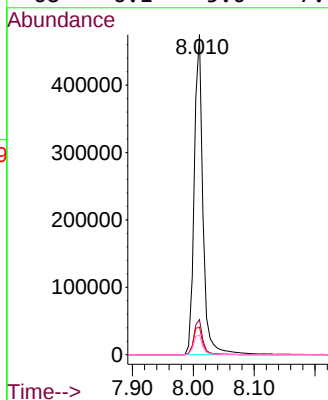
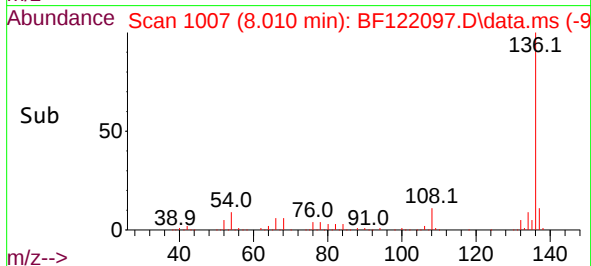


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

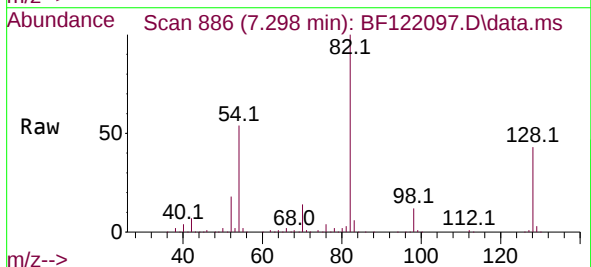
Instrument :
BNA_F
ClientSampleId :
PB132577BL



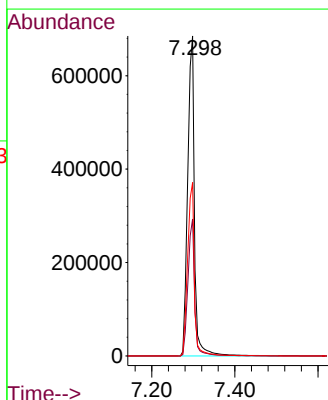
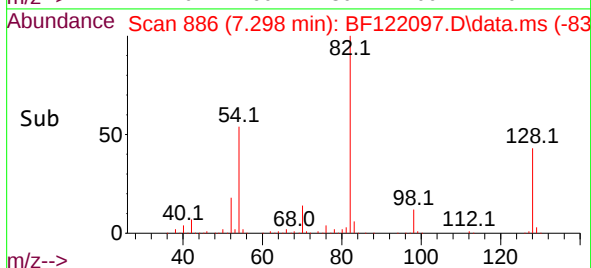
Tgt Ion:136 Resp: 472075
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.1 10.7
68 6.1 5.0 7.4

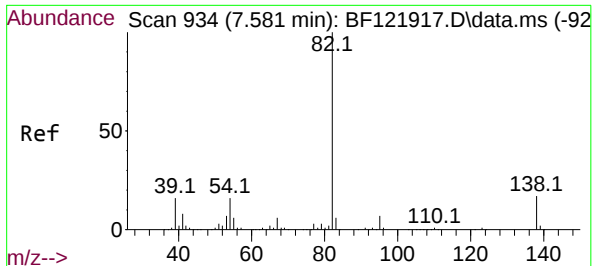


#23
Nitrobenzene-d5
Concen: 84.15 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01



Tgt Ion: 82 Resp: 774620
Ion Ratio Lower Upper
82 100
128 42.8 35.0 52.4
54 54.2 43.9 65.9

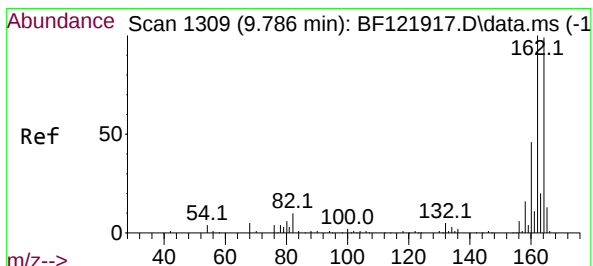
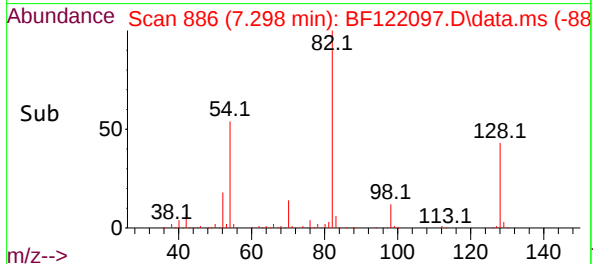
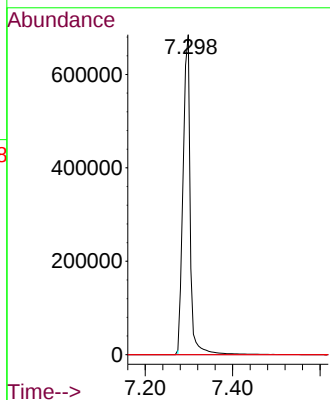
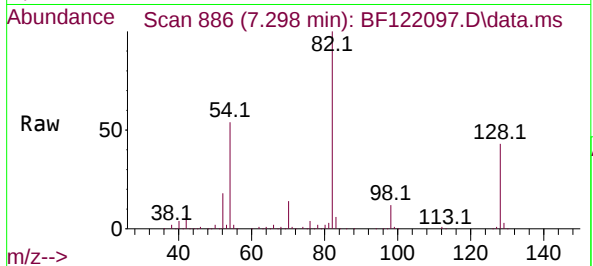




#25
Isophorone
Concen: 43.98 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

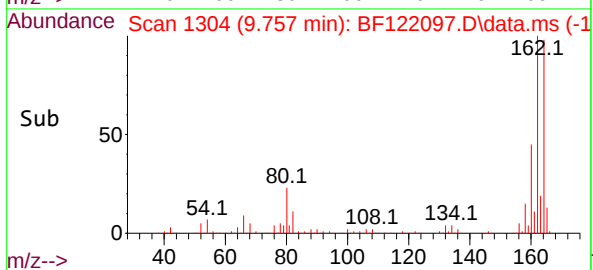
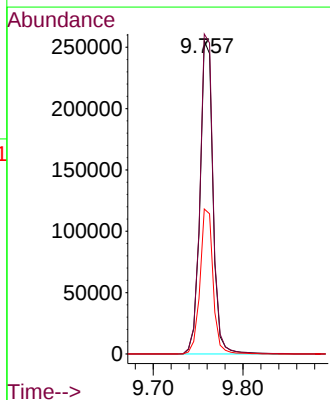
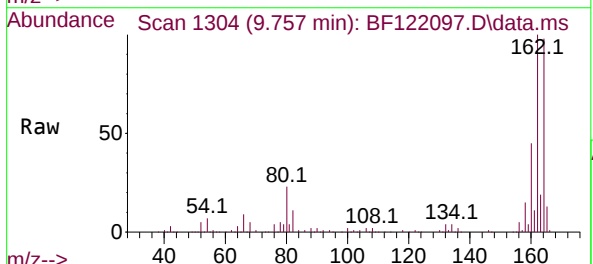
Instrument :
BNA_F
ClientSampleId :
PB132577BL

Tgt Ion: 82 Resp: 765400
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Tgt Ion: 164 Resp: 256217
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 46.3 37.5 56.3

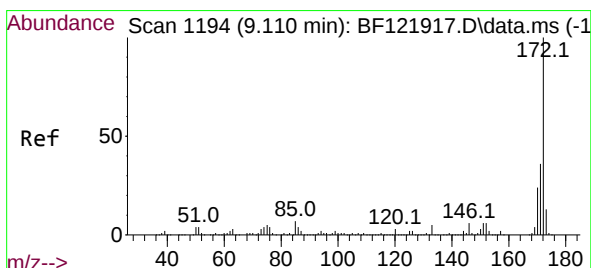
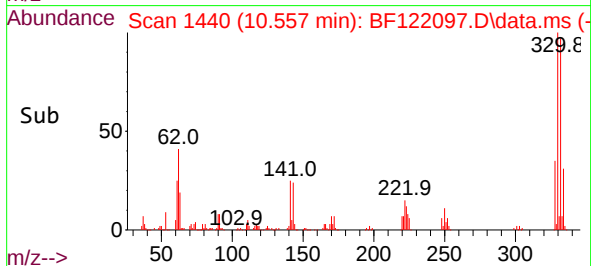
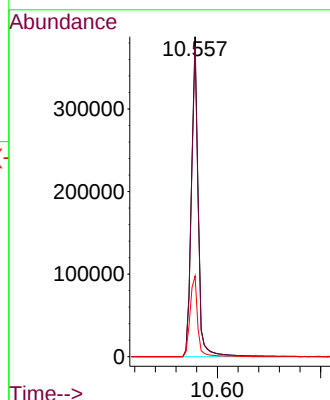
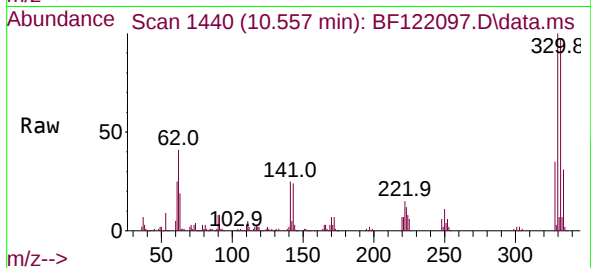




#42
2,4,6-Tribromophenol
Concen: 111.70 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

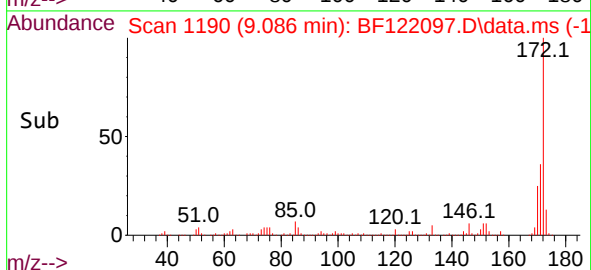
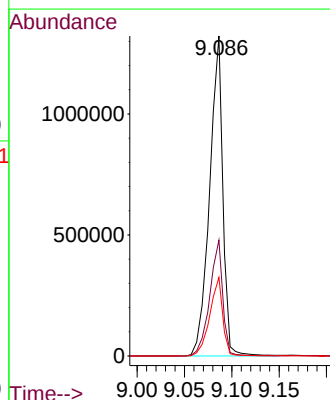
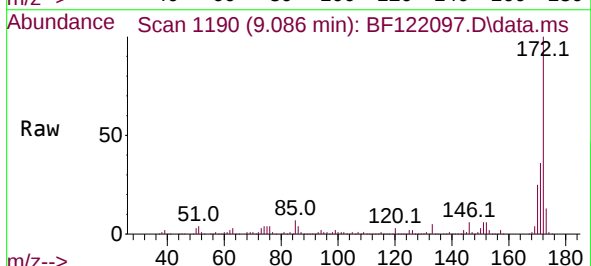
Instrument :
BNA_F
ClientSampleId :
PB132577BL

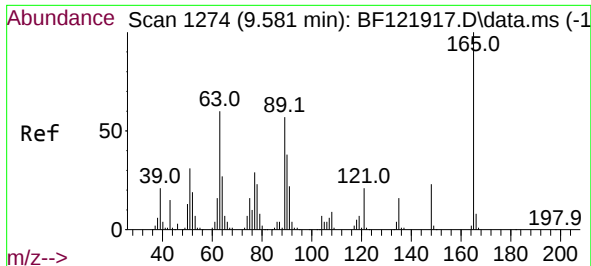
Tgt Ion:330 Resp: 354036
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 28.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 73.86 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Tgt Ion:172 Resp: 1286173
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.5 19.8 29.6

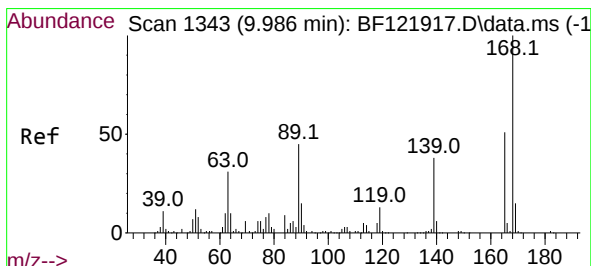
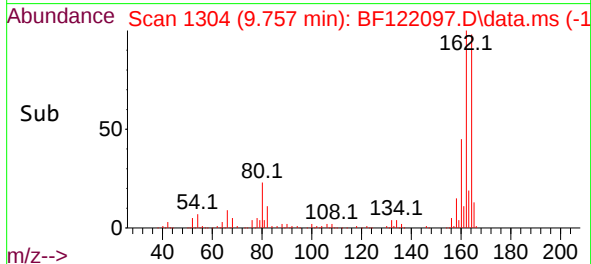
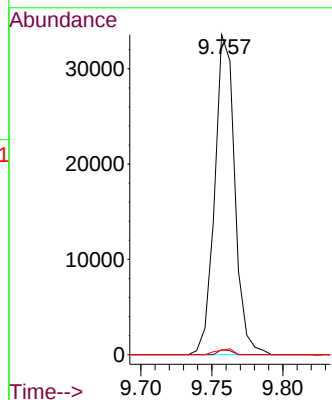
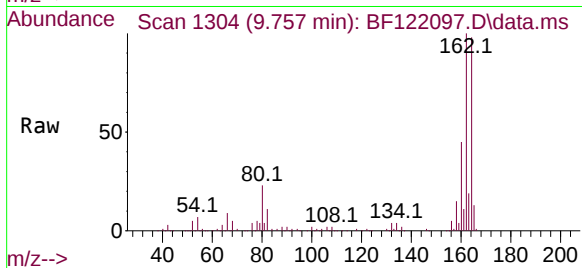




#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

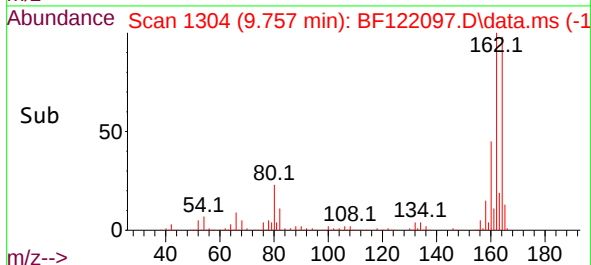
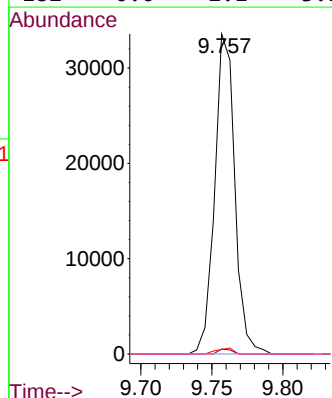
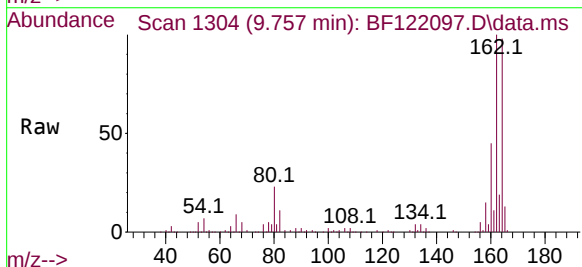
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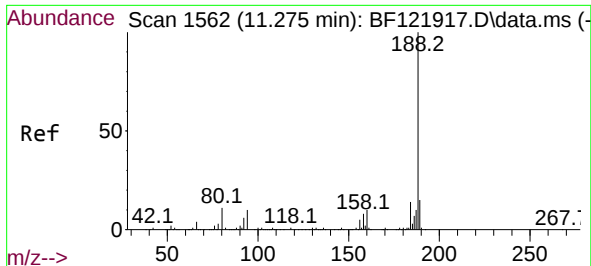
Tgt Ion:165 Resp: 33044
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.4 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Tgt Ion:165 Resp: 33044
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

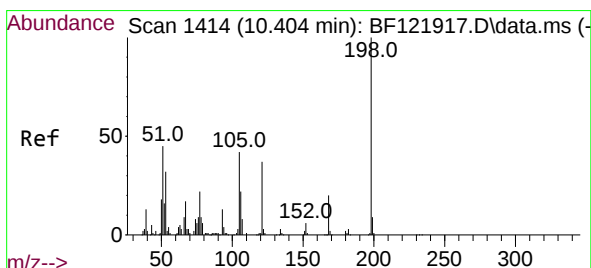
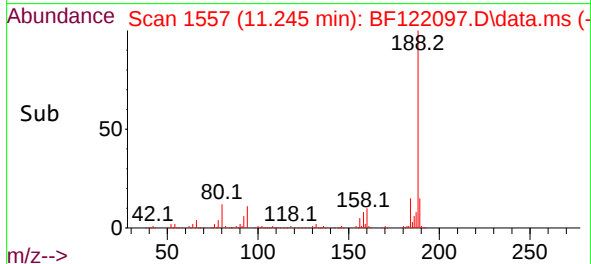
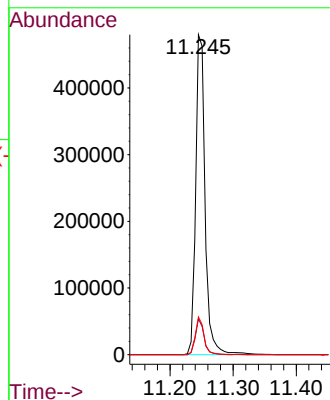
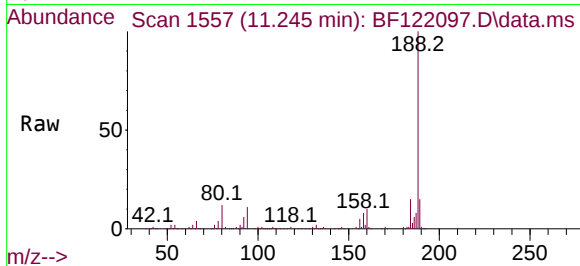




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

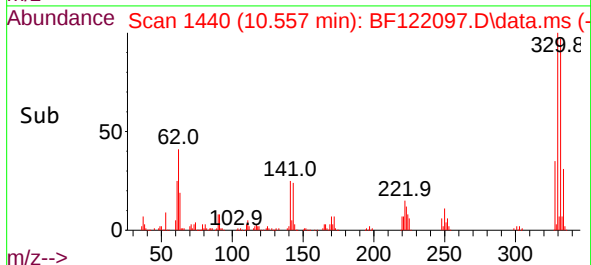
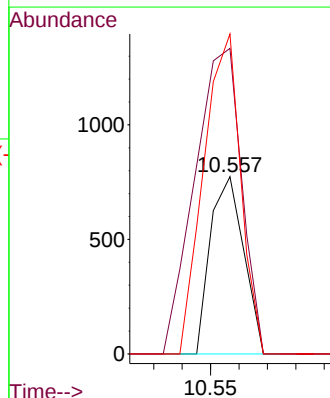
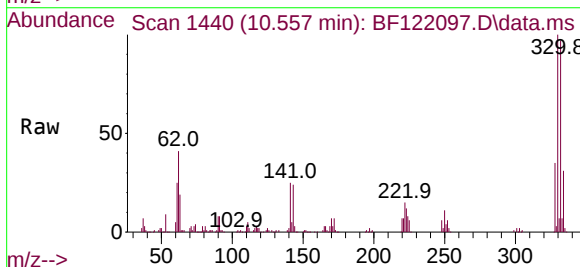
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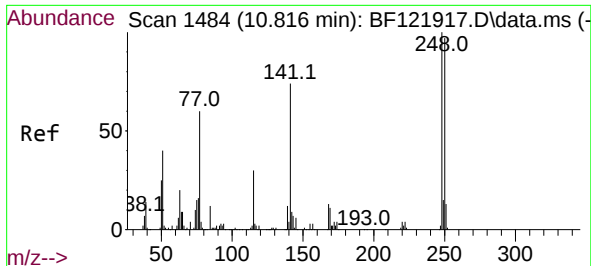
Tgt Ion:188 Resp: 496996
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 11.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.170 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

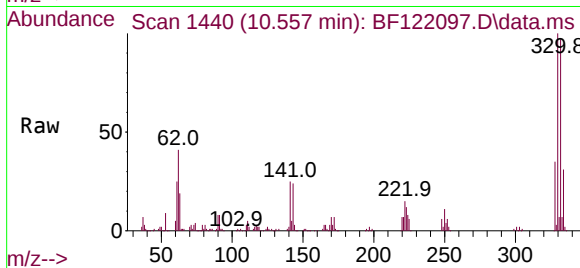
Tgt Ion:198 Resp: 629
Ion Ratio Lower Upper
198 100
51 172.4 29.6 69.6#
105 180.5 24.4 64.4#



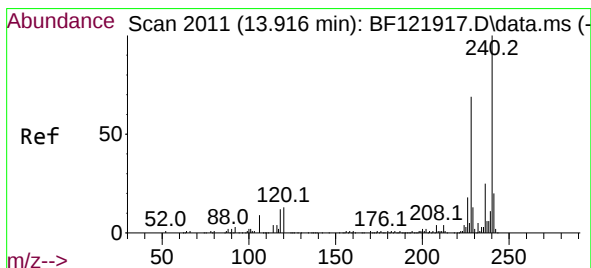
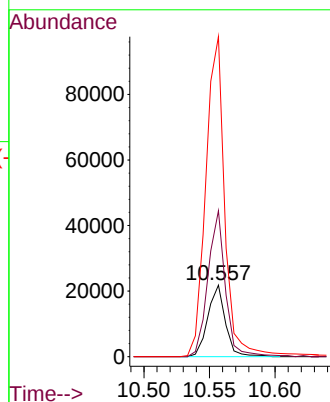
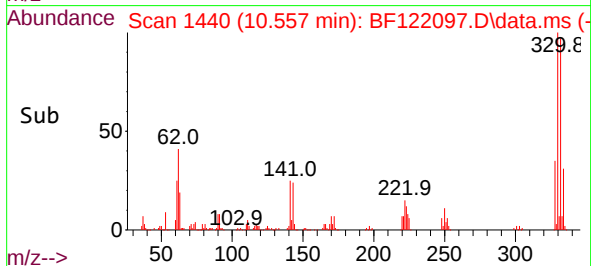


#67
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.235 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

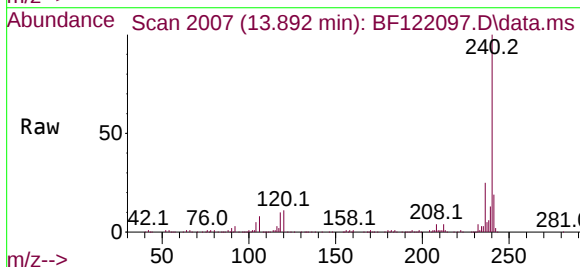
Instrument :
BNA_F
ClientSampleId :
PB132577BL



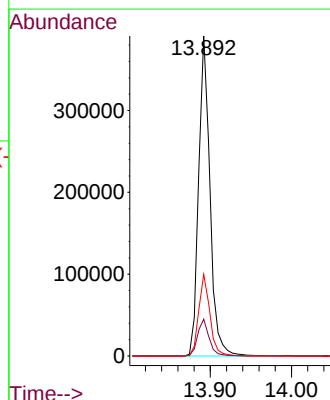
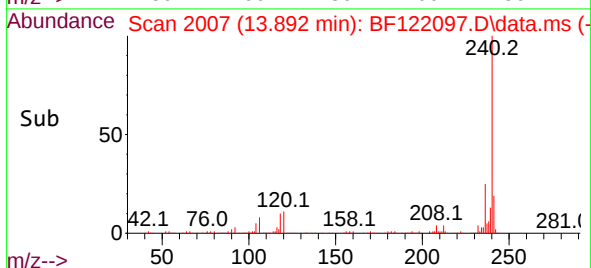
Tgt Ion:248 Resp: 20398
Ion Ratio Lower Upper
248 100
250 203.9 77.0 115.6#
141 446.9 53.7 80.5#

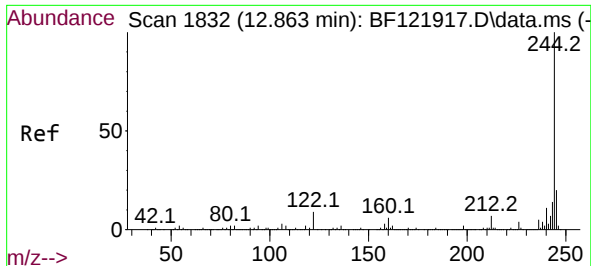


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01



Tgt Ion:240 Resp: 381115
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.5 20.9 31.3

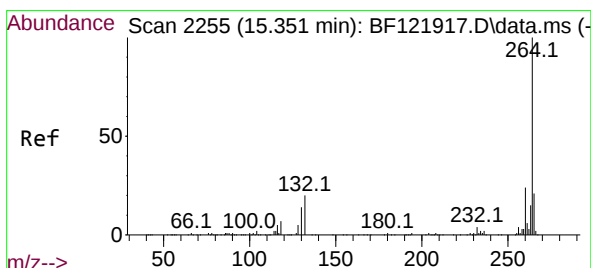
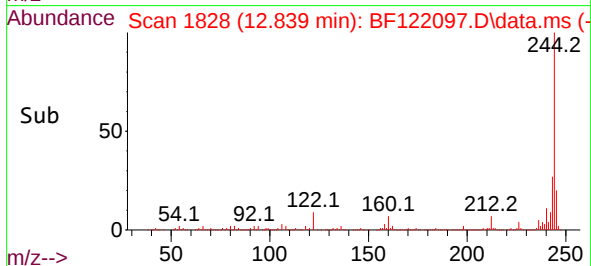
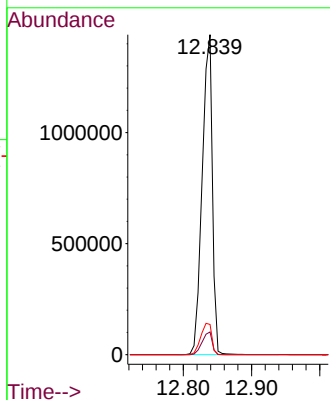
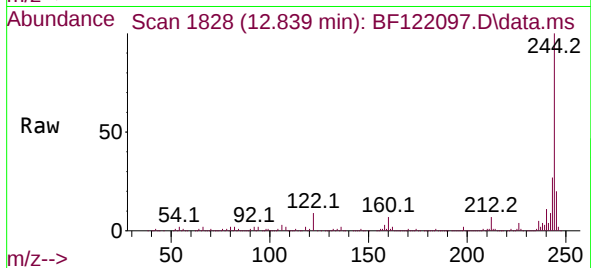




#79
Terphenyl-d14
Concen: 74.68 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB132577BL

Tgt Ion:244 Resp: 1493433
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.5 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122097.D
Acq: 23 Oct 2020 14:01

Tgt Ion:264 Resp: 295745
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 20.9 17.3 25.9

