

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122117.D
 Acq On : 26 Oct 2020 15:59
 Operator : JU/CG
 Sample : PB132611BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132611BL

Quant Time: Oct 26 17:19:32 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)

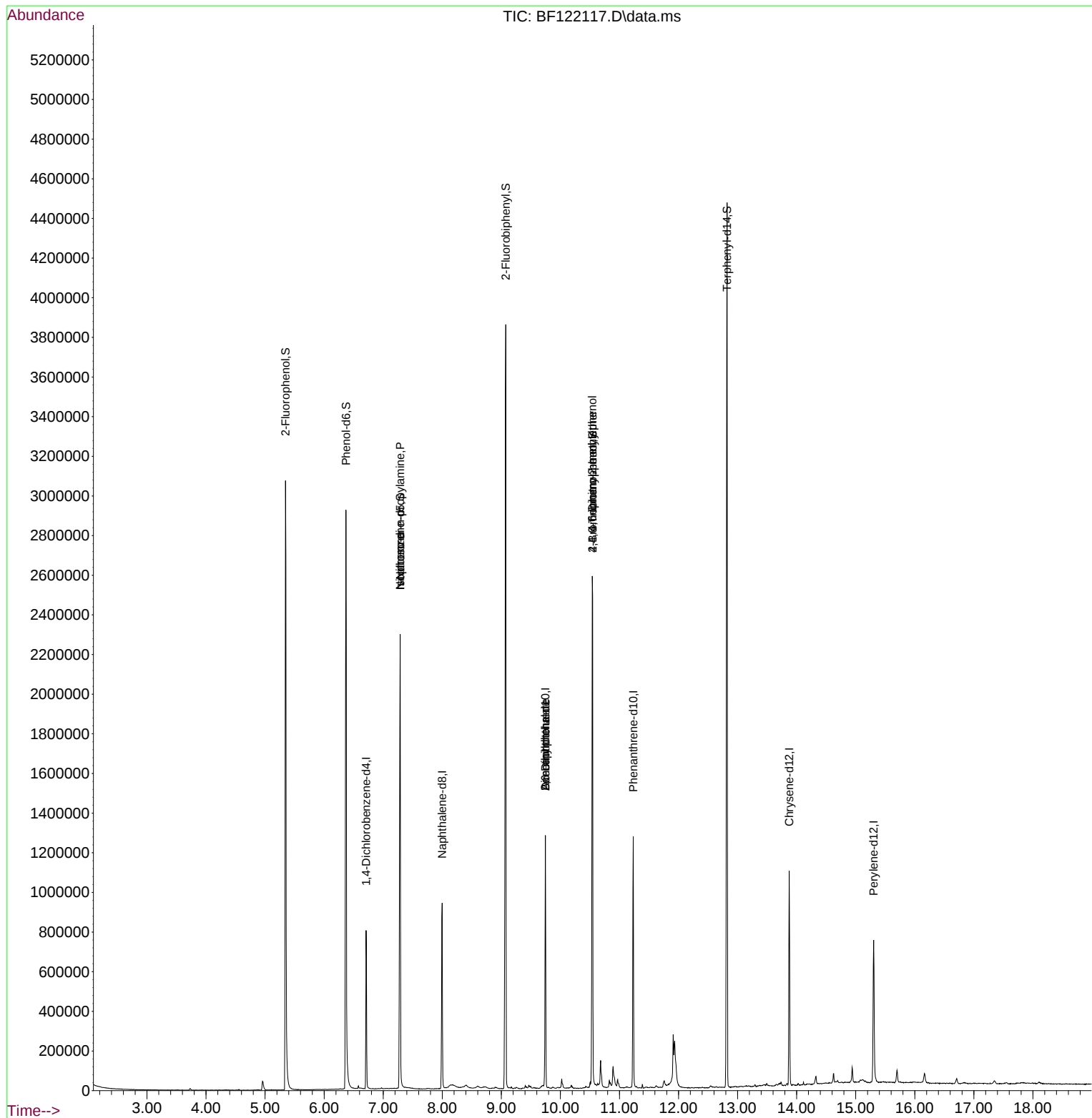
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	115188	20.00	ng	-0.02
21) Naphthalene-d8	7.998	136	457039	20.00	ng	-0.01
39) Acenaphthene-d10	9.745	164	238307	20.00	ng	-0.02
64) Phenanthrene-d10	11.233	188	449738	20.00	ng	-0.01
76) Chrysene-d12	13.874	240	357343	20.00	ng	-0.01
86) Perylene-d12	15.304	264	308060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	919974	117.88	ng	0.00
7) Phenol-d6	6.369	99	1162077	115.67	ng	-0.01
23) Nitrobenzene-d5	7.287	82	812127	91.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.545	330	387608	131.49	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	1386730	85.62	ng	-0.01
79) Terphenyl-d14	12.822	244	1532486	81.73	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1707	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.287	70	112160	19.61	ng	# 79
25) Isophorone	7.287	82	800024	47.48	ng	# 67
50) Dimethylphthalate	9.745	163	49930	2.87	ng	# 1
51) 2,6-Dinitrotoluene	9.745	165	30920	8.09	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	748	4.66	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	22441	4.32	ng	# 1

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

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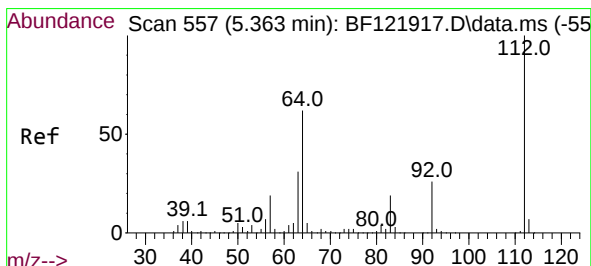
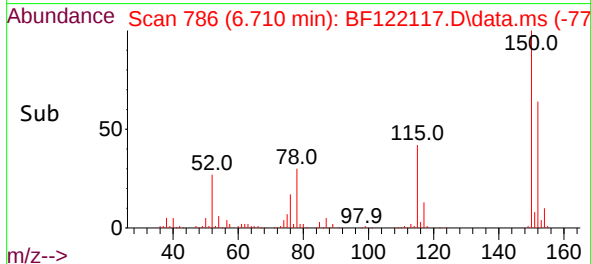
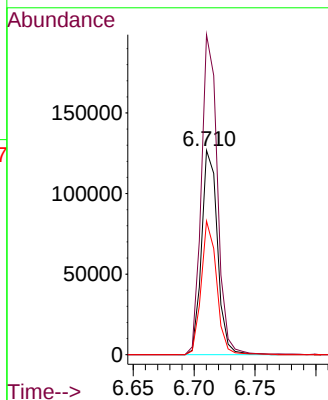
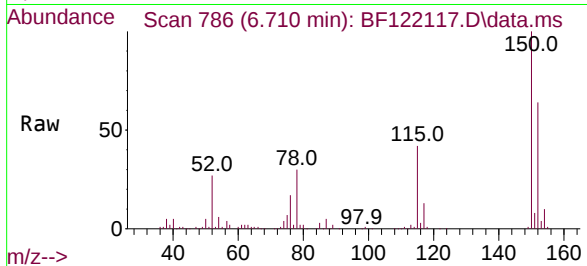




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.018 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

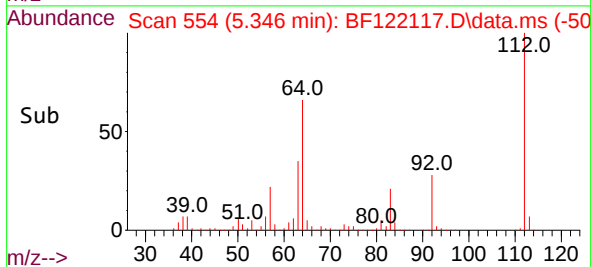
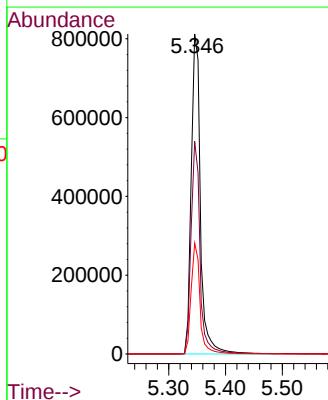
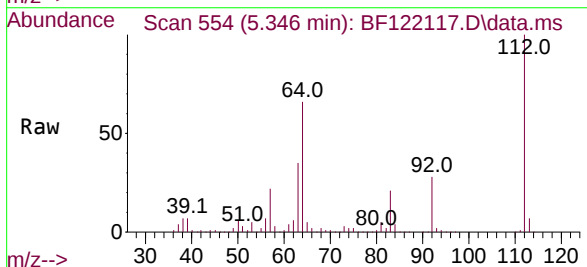
Instrument :
BNA_F
ClientSampleId :
PB132611BL

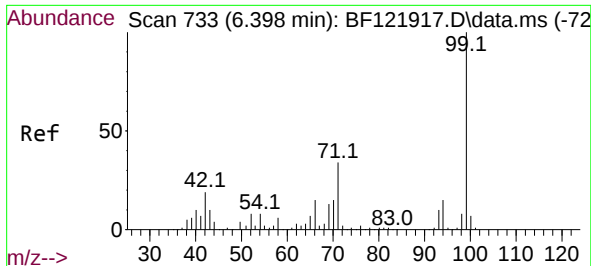
Tgt Ion:152 Resp: 115188
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 65.4 51.9 77.9



#5
2-Fluorophenol
Concen: 117.88 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:112 Resp: 919974
Ion Ratio Lower Upper
112 100
64 66.5 50.4 75.6
63 34.7 25.8 38.6

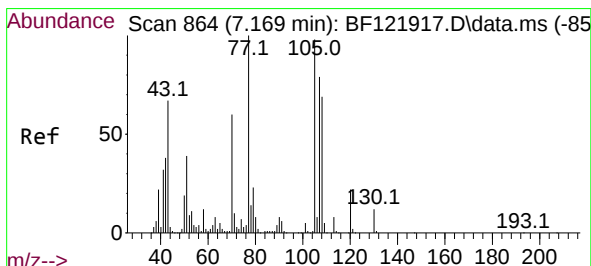
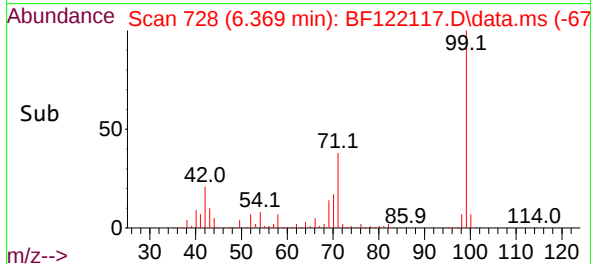
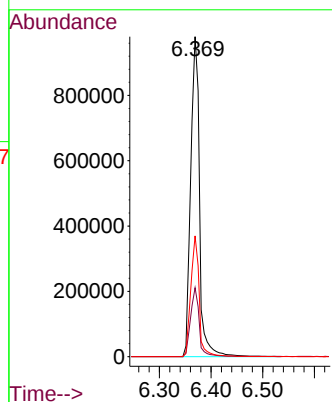
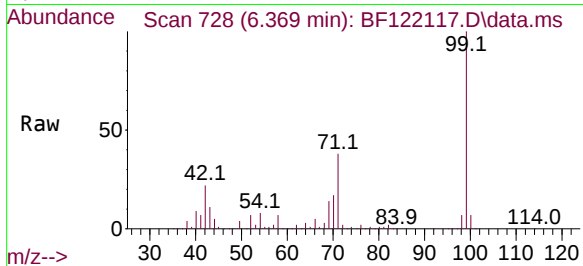




#7
Phenol-d6
Concen: 115.67 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

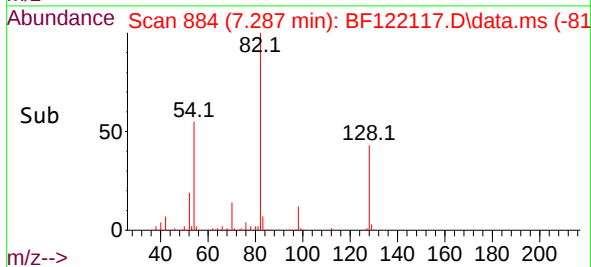
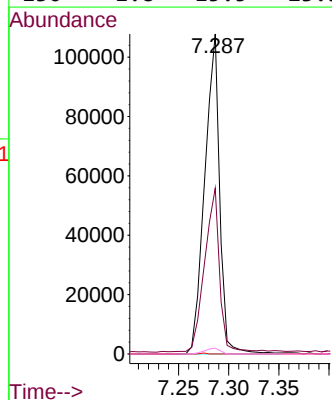
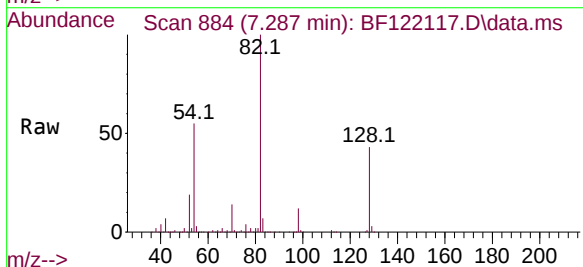
Instrument :
BNA_F
ClientSampleId :
PB132611BL

Tgt Ion: 99 Resp: 1162077
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 37.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.61 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.129 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

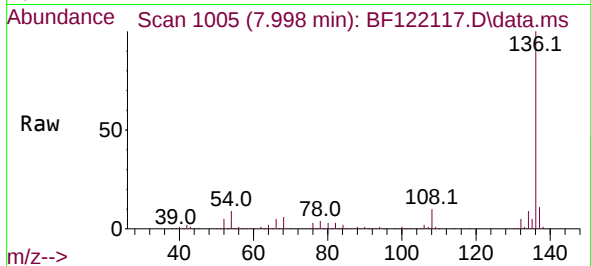
Tgt Ion: 70 Resp: 112160
Ion Ratio Lower Upper
70 100
42 51.8 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



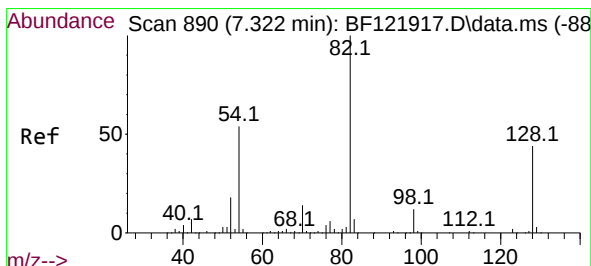
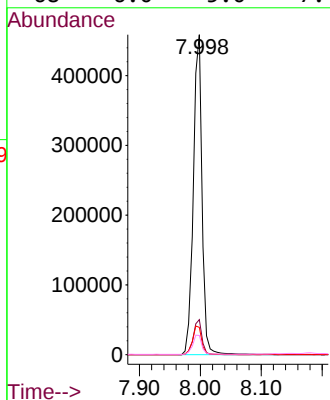
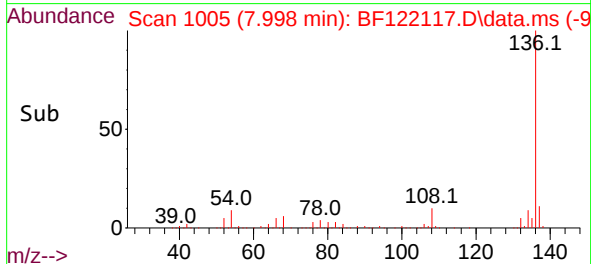


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

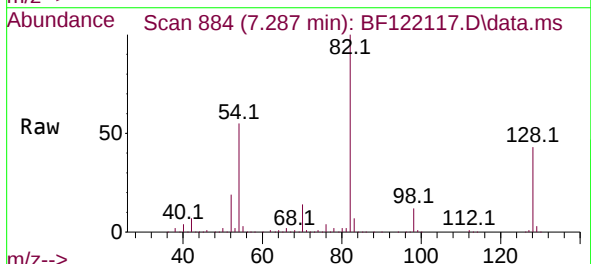
Instrument :
BNA_F
ClientSampleId :
PB132611BL



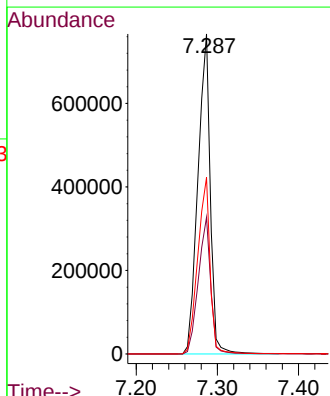
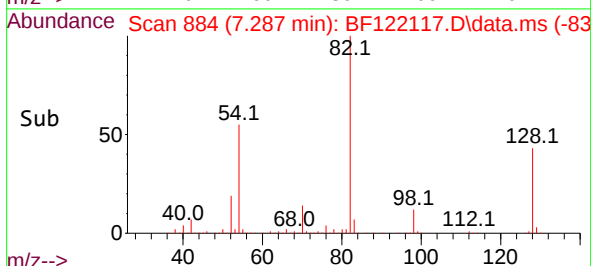
Tgt Ion:136 Resp: 457039
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.1 10.7
68 6.0 5.0 7.4

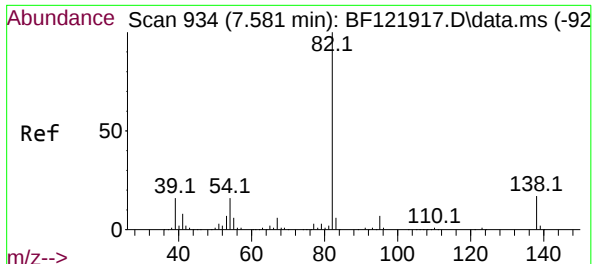


#23
Nitrobenzene-d5
Concen: 91.13 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59



Tgt Ion: 82 Resp: 812127
Ion Ratio Lower Upper
82 100
128 42.7 35.0 52.4
54 55.2 43.9 65.9

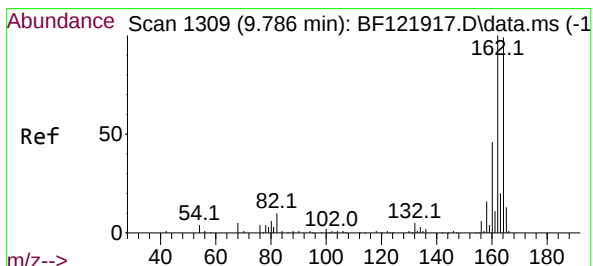
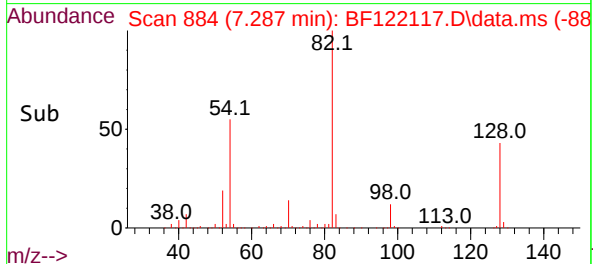
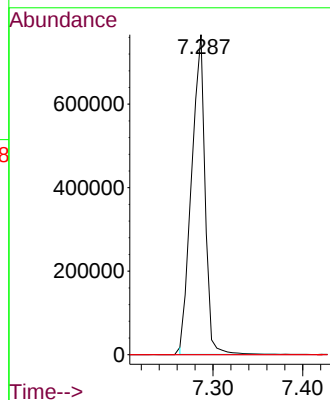
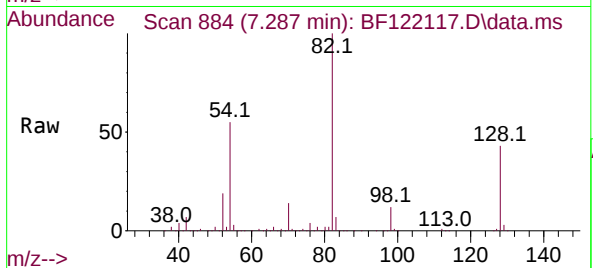




#25
Isophorone
Concen: 47.48 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.276 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

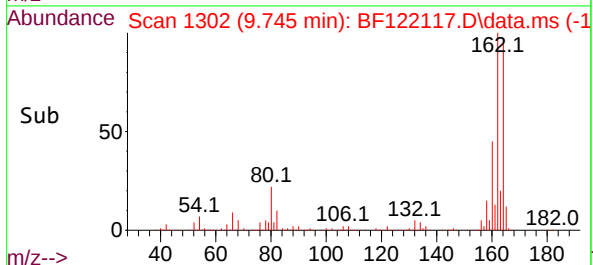
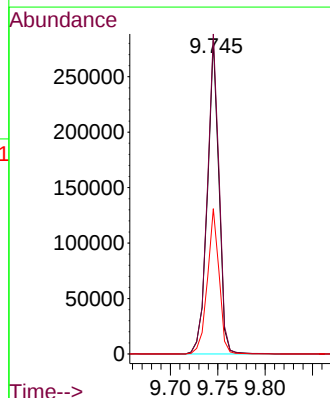
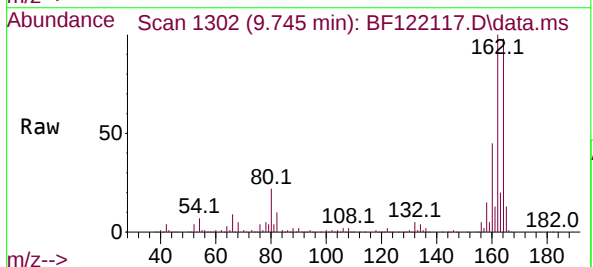
Instrument :
BNA_F
ClientSampleId :
PB132611BL

Tgt Ion: 82 Resp: 800024
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: 9.745 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:164 Resp: 238307
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 46.3 37.5 56.3

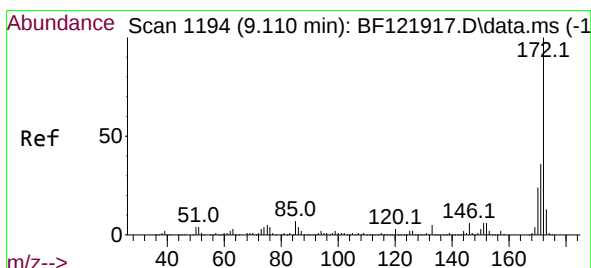
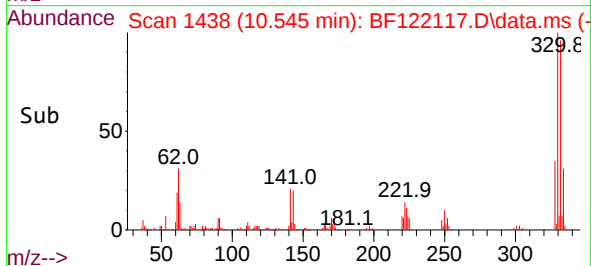
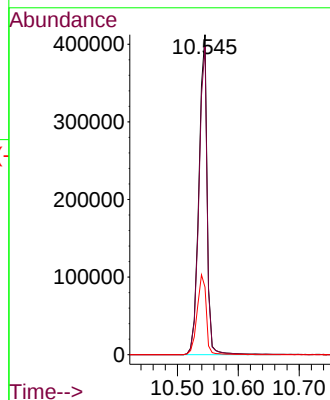
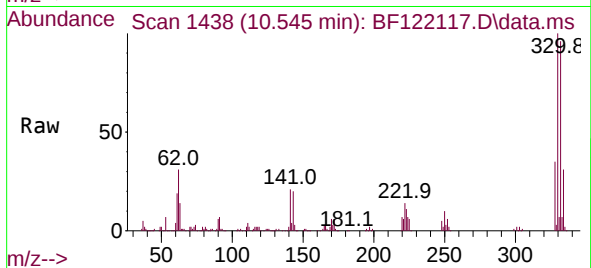




#42
2,4,6-Tribromophenol
Concen: 131.49 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

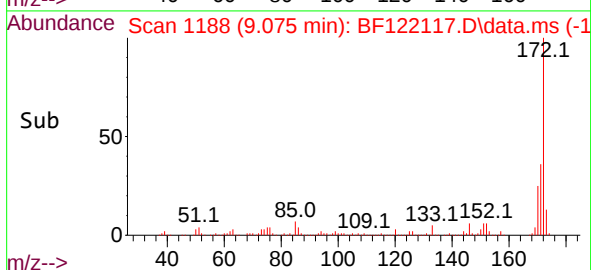
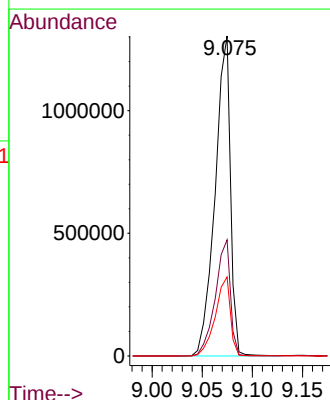
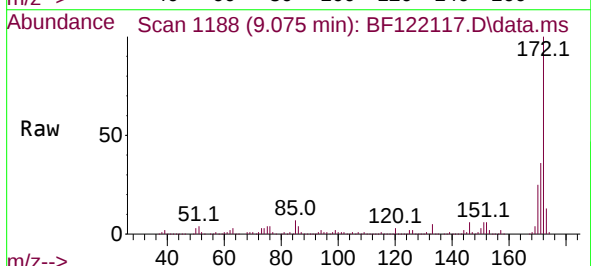
Instrument :
BNA_F
ClientSampleId :
PB132611BL

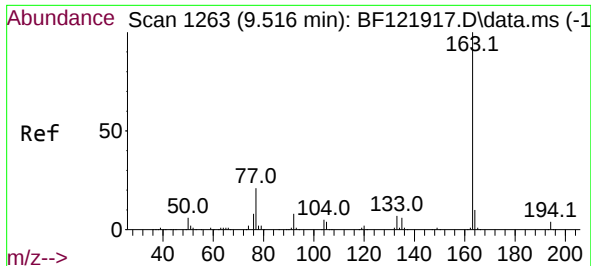
Tgt Ion:330 Resp: 387608
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 27.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 85.62 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:172 Resp: 1386730
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.7 19.8 29.6

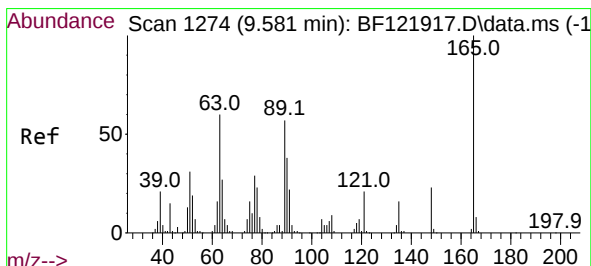
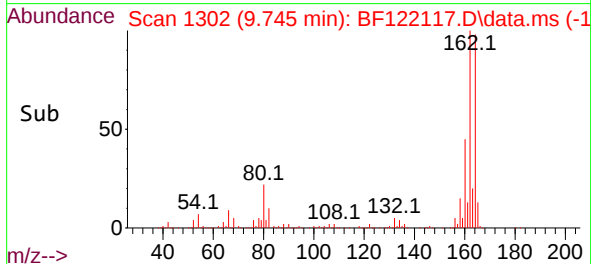
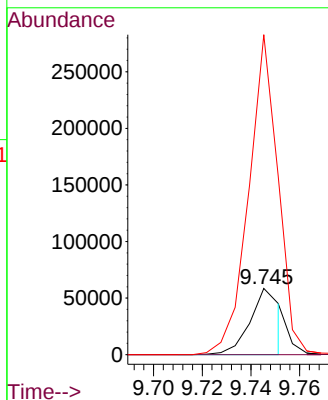
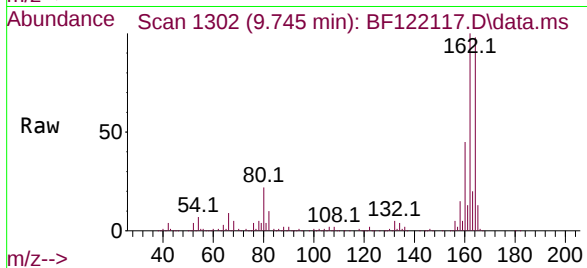




#50
Dimethylphthalate
Concen: 2.87 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.253 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

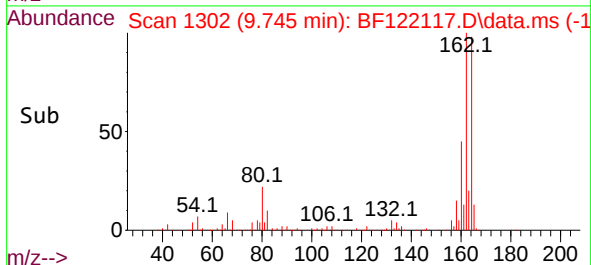
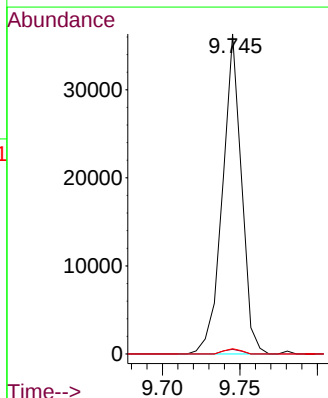
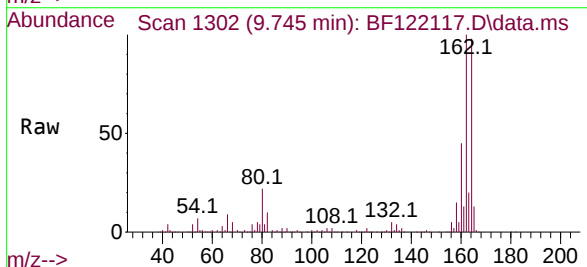
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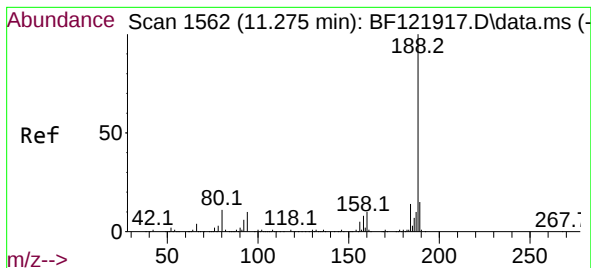
Tgt Ion:163 Resp: 49930
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 483.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.182 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:165 Resp: 30920
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.6 49.0 73.6#

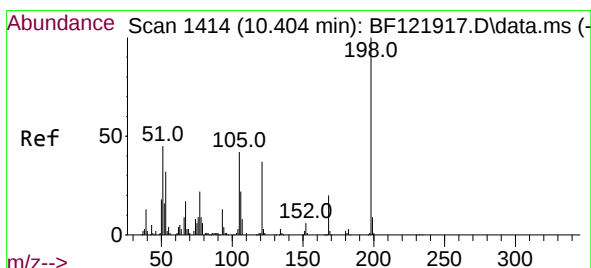
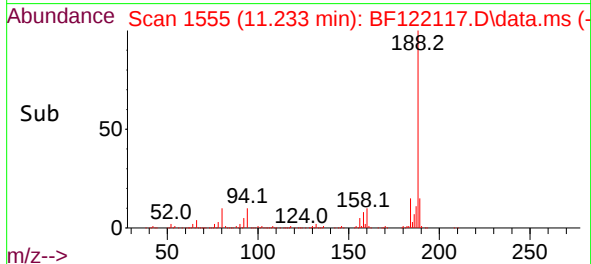
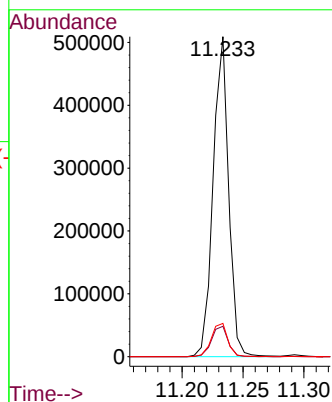
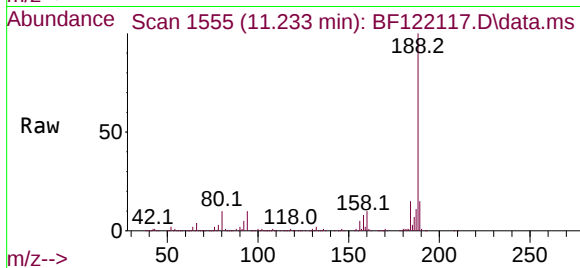




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

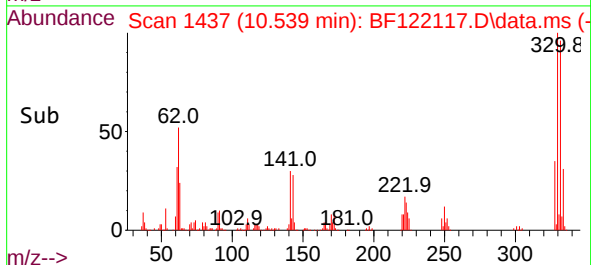
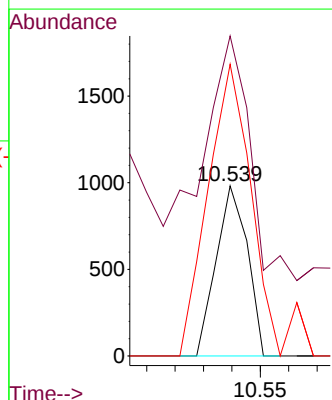
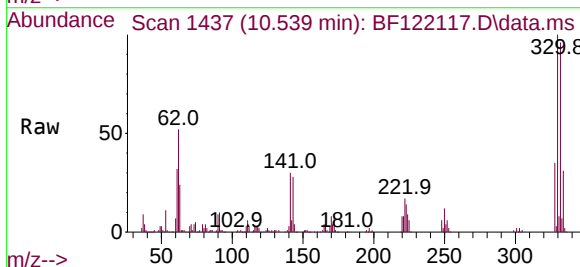
Instrument :
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PB132611BL

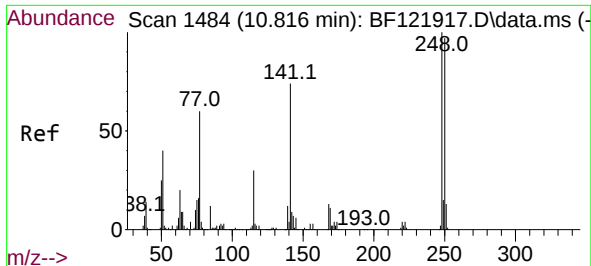
Tgt Ion:188 Resp: 449738
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.66 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.153 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:198 Resp: 748
Ion Ratio Lower Upper
198 100
51 188.1 29.6 69.6#
105 171.5 24.4 64.4#

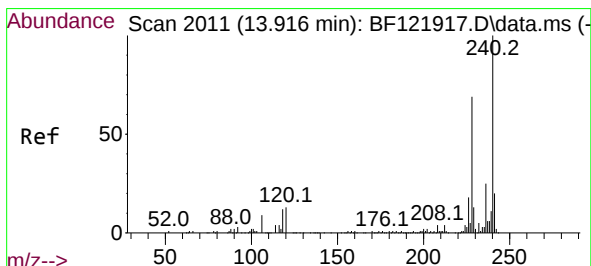
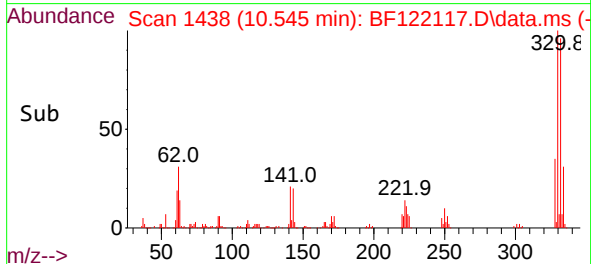
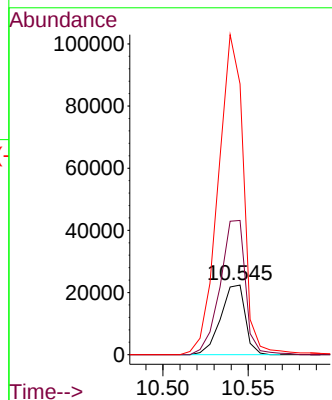
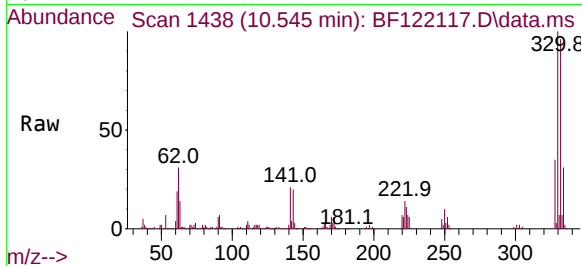




#67
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

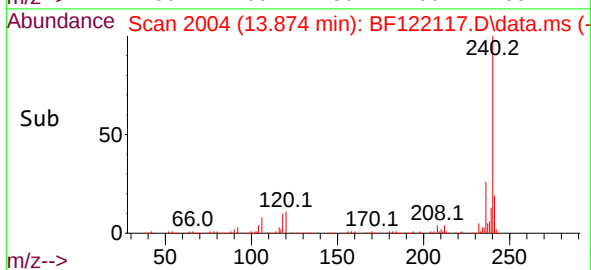
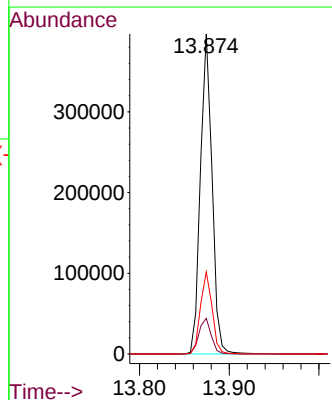
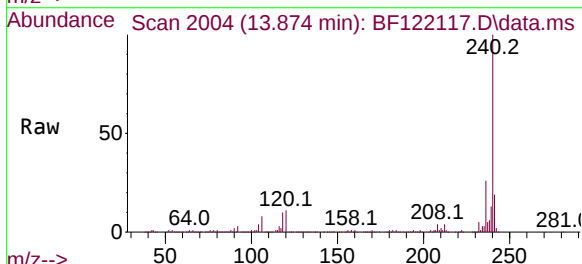
Instrument :
BNA_F
ClientSampleId :
PB132611BL

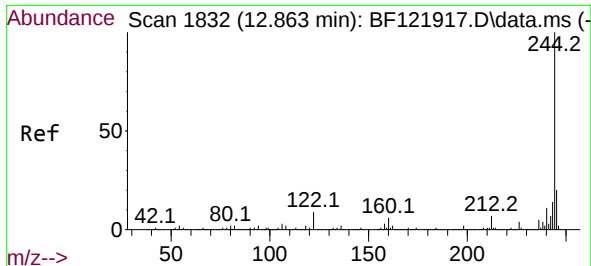
Tgt Ion:248 Resp: 22441
Ion Ratio Lower Upper
248 100
250 193.0 77.0 115.6#
141 389.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF122117.D
Acq: 26 Oct 2020 15:59

Tgt Ion:240 Resp: 357343
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.9 31.3

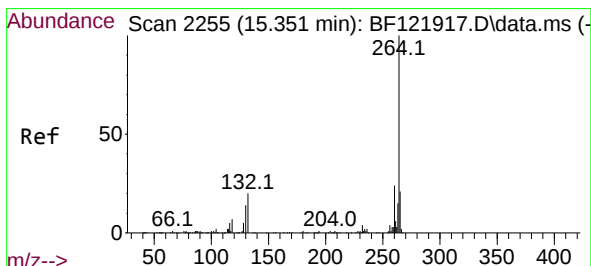
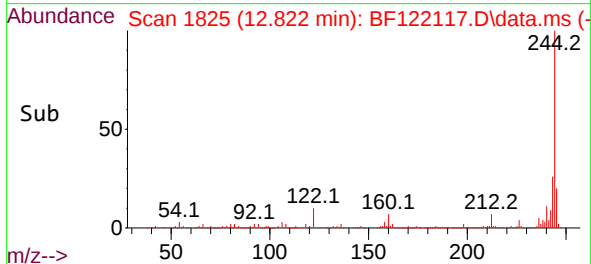
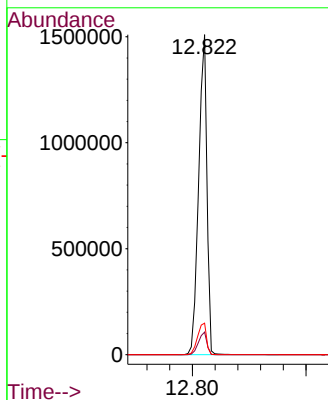
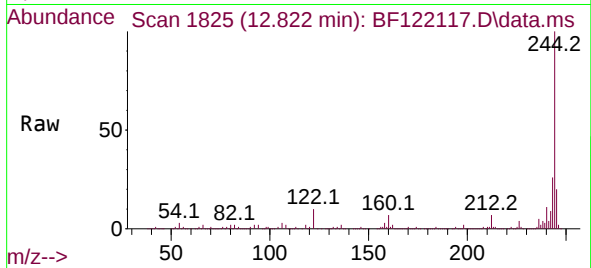




#79
 Terphenyl-d14
 Concen: 81.73 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF122117.D
 Acq: 26 Oct 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB132611BL

Tgt Ion:244 Resp: 1532486
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF122117.D
 Acq: 26 Oct 2020 15:59

Tgt Ion:264 Resp: 308060
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 20.9 17.3 25.9

