

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122016.D
 Acq On : 16 Oct 2020 17:48
 Operator : JU/CG
 Sample : L4219-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101520

Quant Time: Oct 16 19:23:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

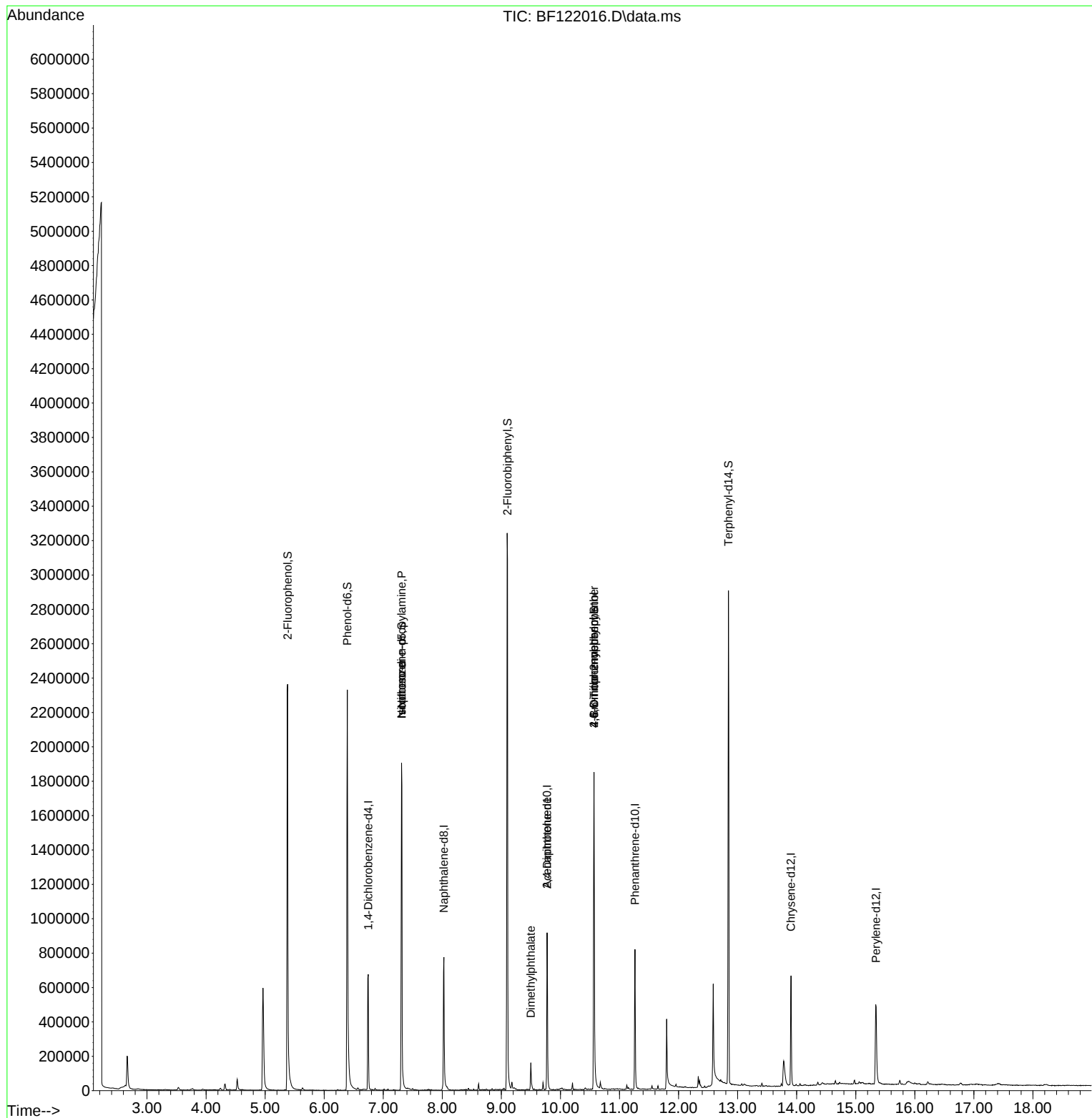
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	103974	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	397454	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	190567	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	305171	20.00	ng	0.00
76) Chrysene-d12	13.904	240	229336	20.00	ng	0.00
86) Perylene-d12	15.345	264	247018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	763866	108.43	ng	0.02
7) Phenol-d6	6.393	99	888676	98.00	ng	0.00
23) Nitrobenzene-d5	7.310	82	724296	93.46	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	272004	115.39	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1171202	90.43	ng	0.00
79) Terphenyl-d14	12.845	244	924546	76.83	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.393	77	1312	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	96491	18.69	ng	# 79
25) Isophorone	7.310	82	724291	49.43	ng	# 67
50) Dimethylphthalate	9.498	163	68835	4.94	ng	99
57) 2,4-Dinitrotoluene	9.775	165	24534	6.52	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	461	4.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	15545	4.41	ng	# 1

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

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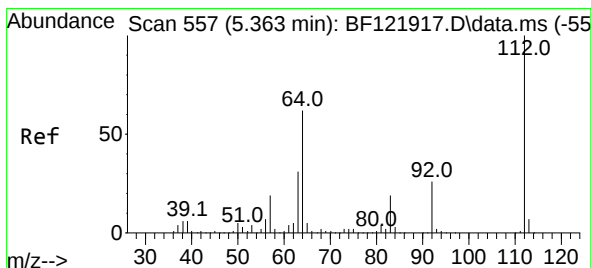
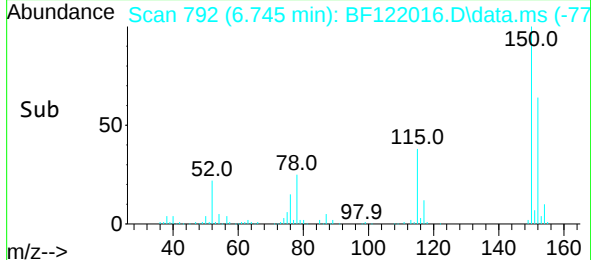
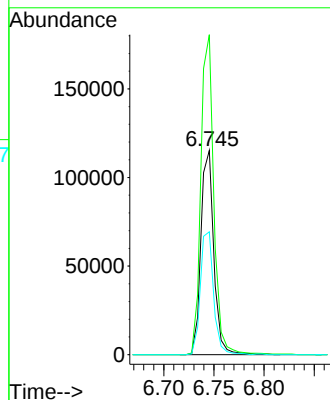
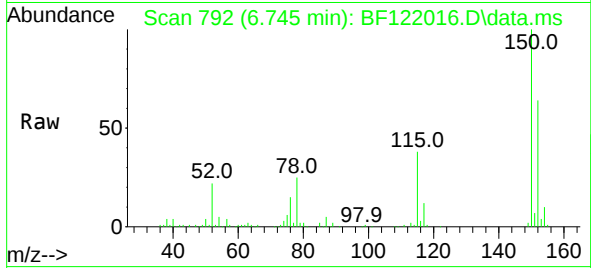




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

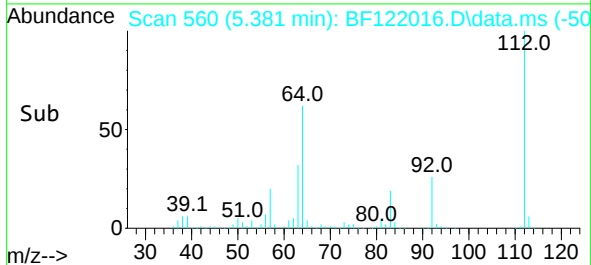
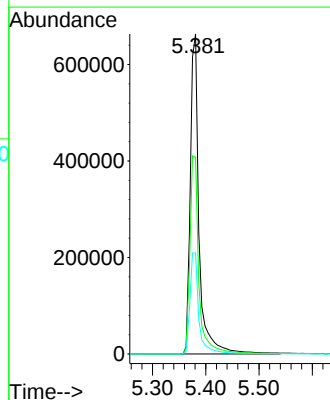
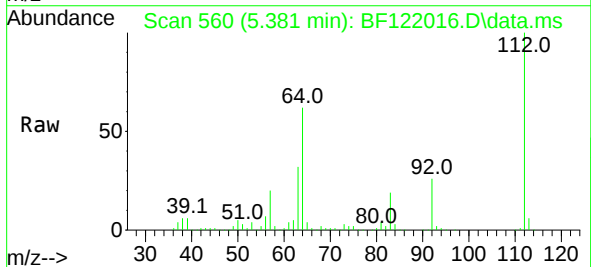
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

Tgt Ion:152 Resp: 103974
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 108.43 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion:112 Resp: 763866
Ion Ratio Lower Upper
112 100
64 61.5 50.4 75.6
63 31.6 25.8 38.6

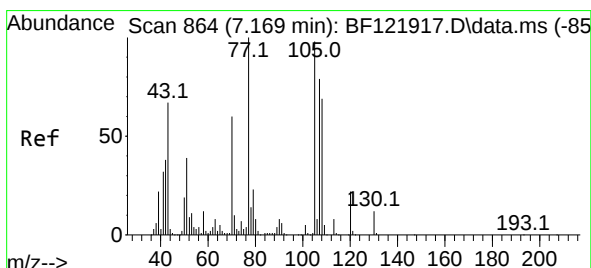
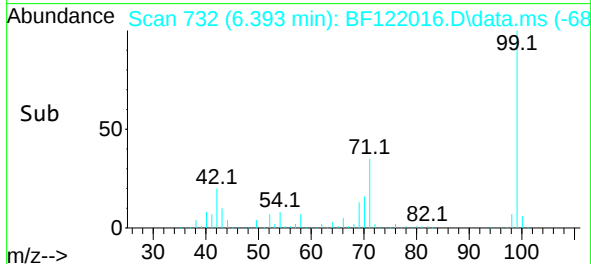
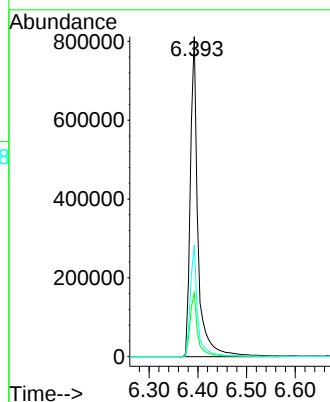
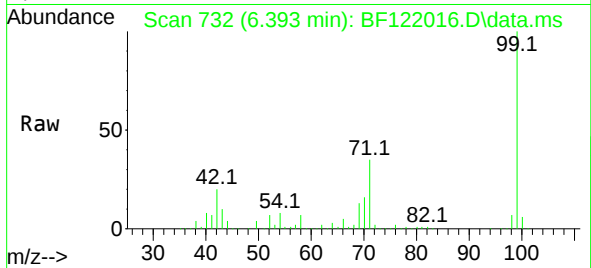




#7
Phenol-d6
Concen: 98.00 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

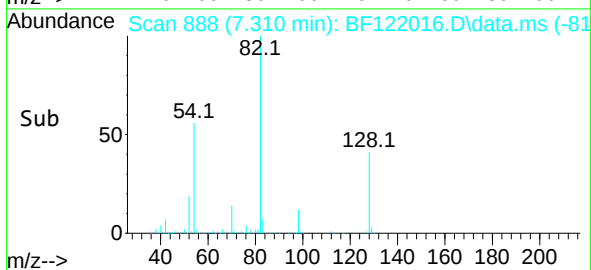
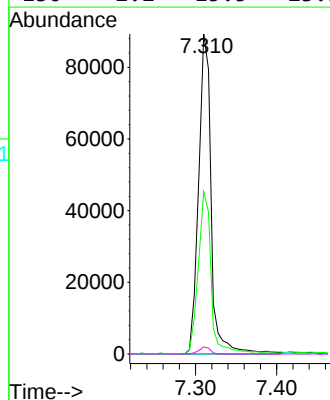
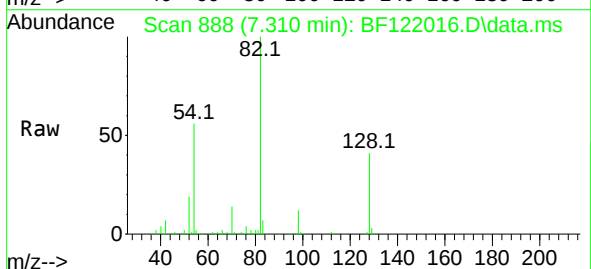
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

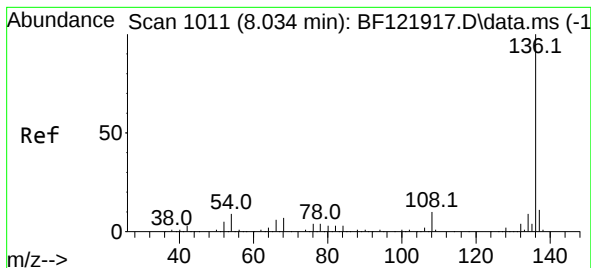
Tgt Ion: 99 Resp: 888676
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.69 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

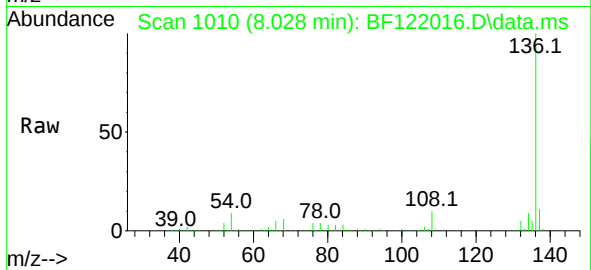
Tgt Ion: 70 Resp: 96491
Ion Ratio Lower Upper
70 100
42 50.8 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



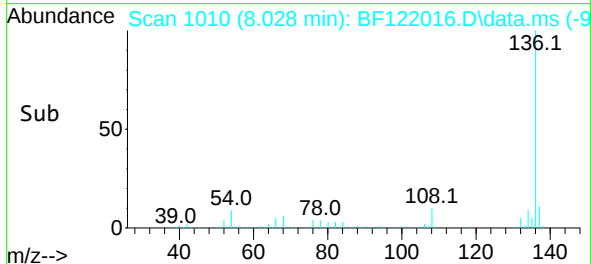
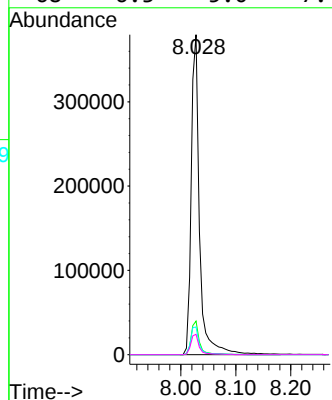


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CL-02-101520

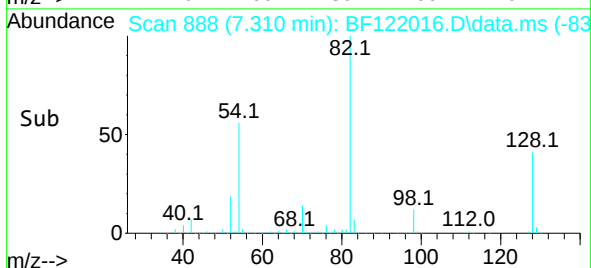
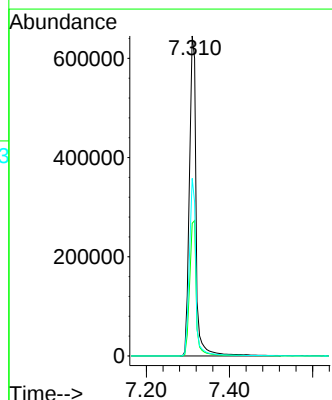
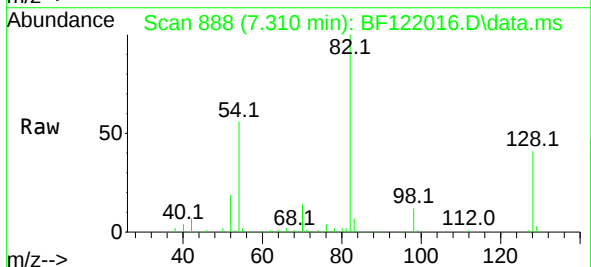


Tgt Ion:136 Resp: 397454
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.6 7.1 10.7
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 93.46 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion: 82 Resp: 724296
Ion Ratio Lower Upper
82 100
128 41.5 35.0 52.4
54 55.5 43.9 65.9

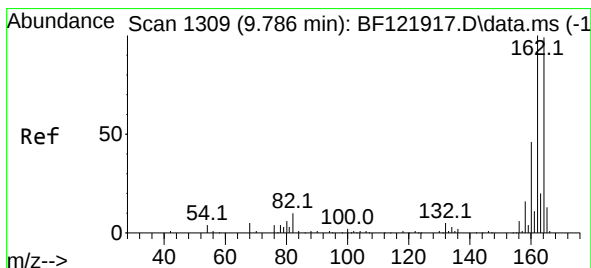
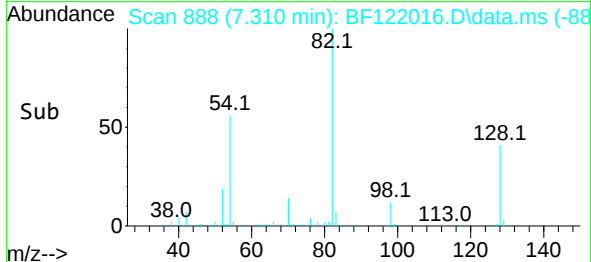
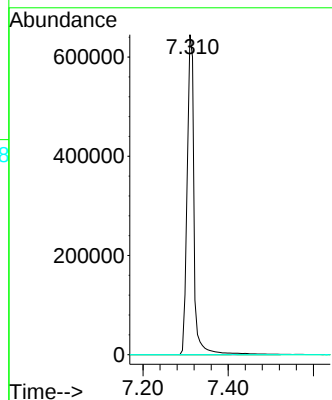
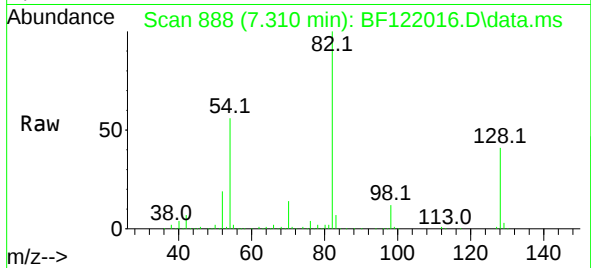




#25
Isophorone
Concen: 49.43 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

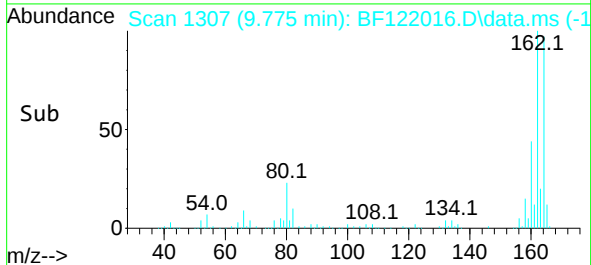
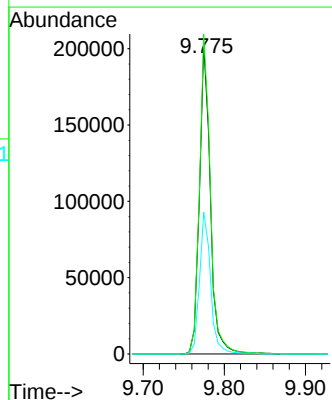
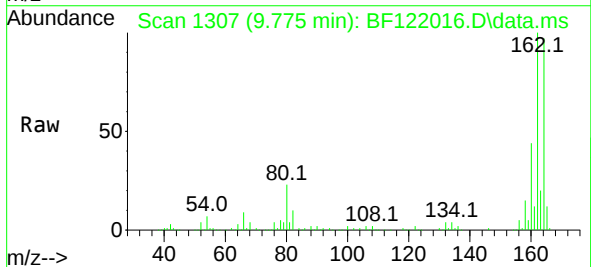
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ClientSampleId :
CL-02-101520

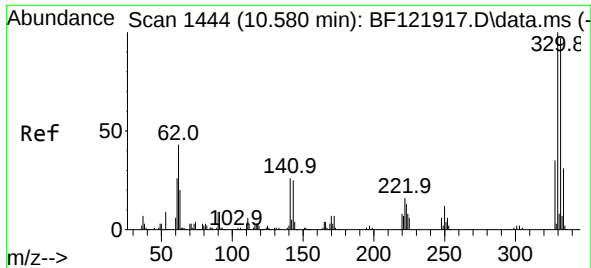
Tgt Ion: 82 Resp: 724291
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion: 164 Resp: 190567
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 45.8 37.5 56.3

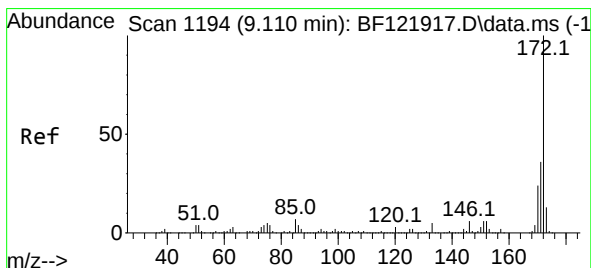
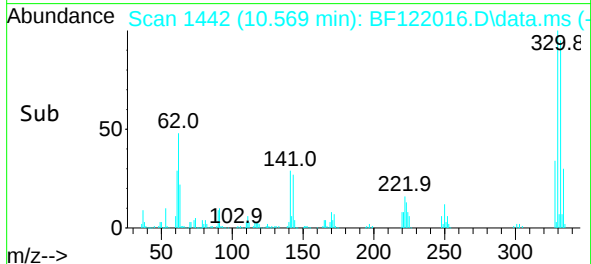
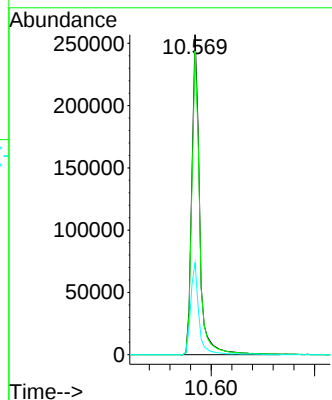
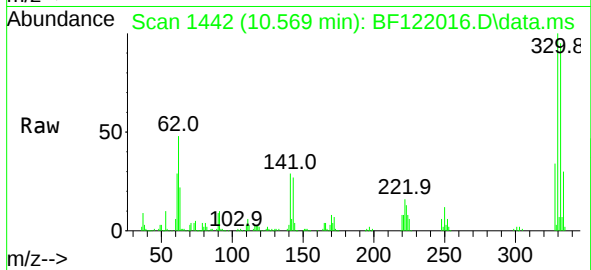




#42
 2,4,6-Tribromophenol
 Concen: 115.39 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF122016.D
 Acq: 16 Oct 2020 17:48

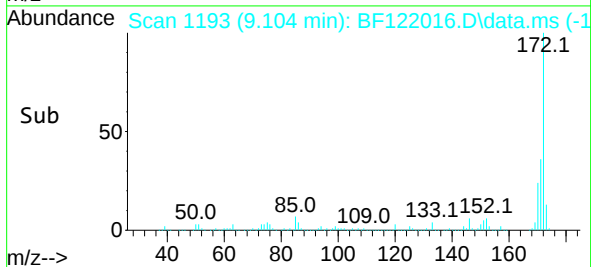
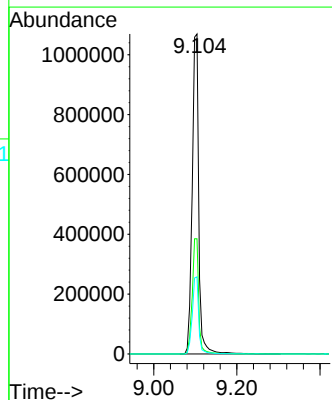
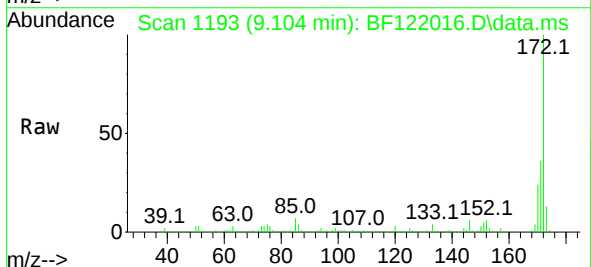
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101520

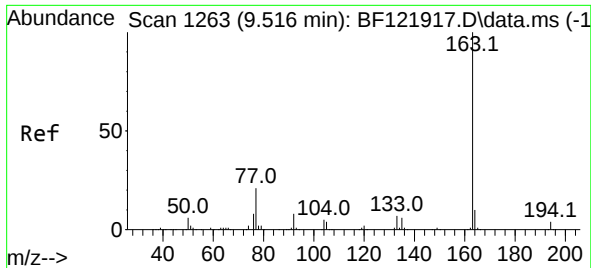
Tgt Ion: 330 Resp: 272004
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 29.8 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 90.43 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BF122016.D
 Acq: 16 Oct 2020 17:48

Tgt Ion: 172 Resp: 1171202
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 24.1 19.8 29.6

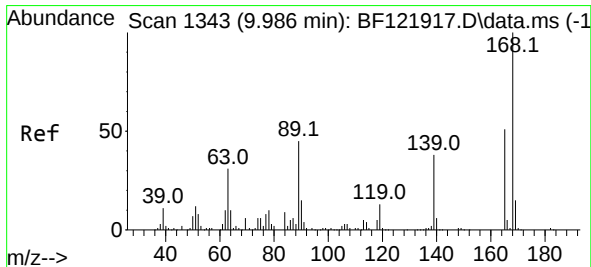
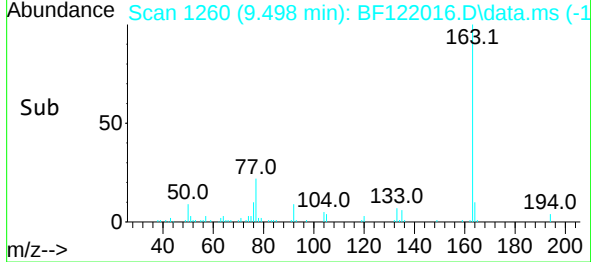
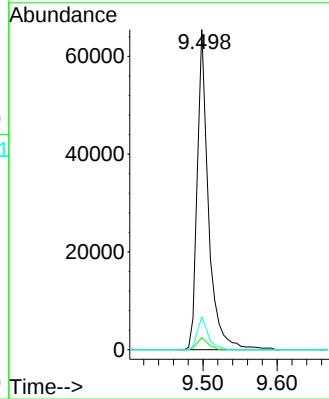
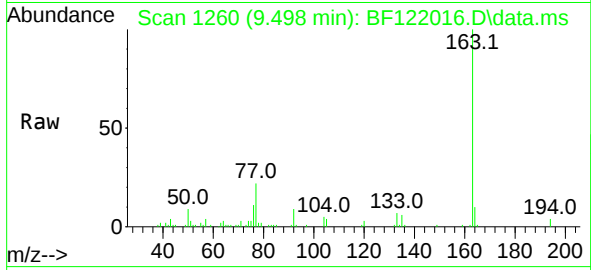




#50
Dimethylphthalate
Concen: 4.94 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

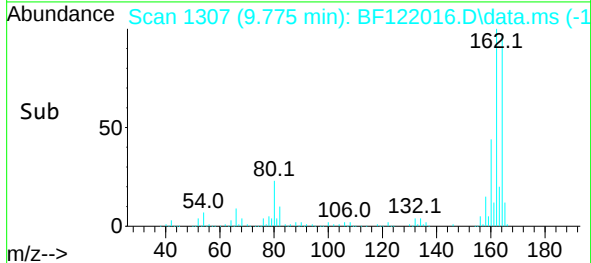
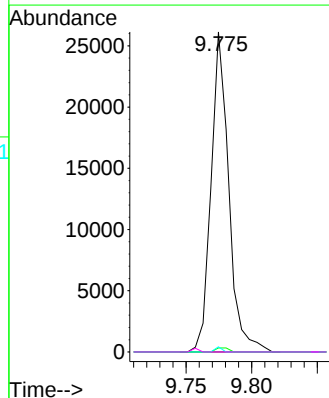
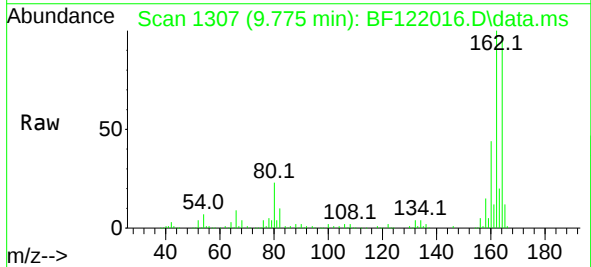
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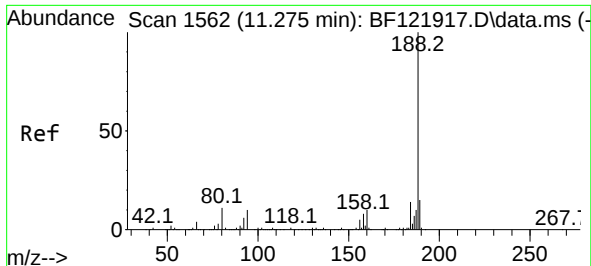
Tgt Ion:163 Resp: 68835
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion:165 Resp: 24534
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

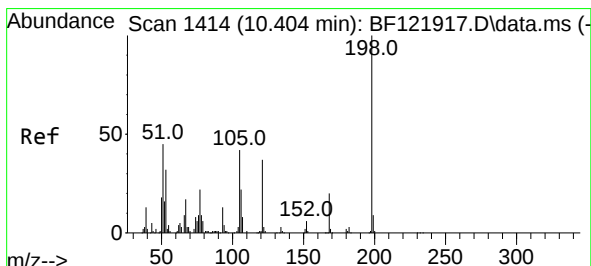
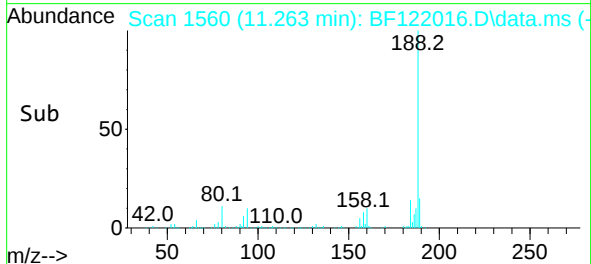
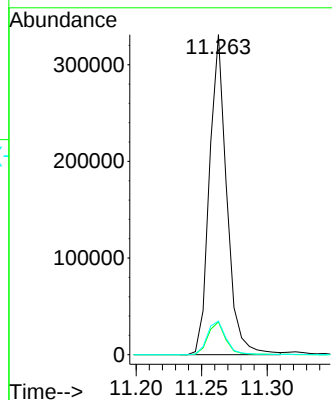
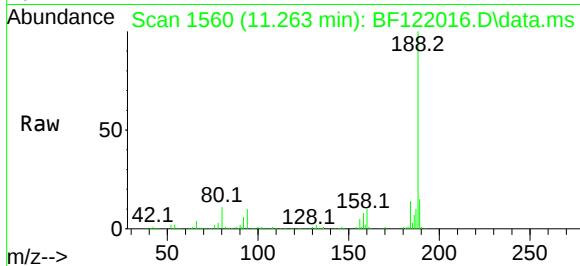




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

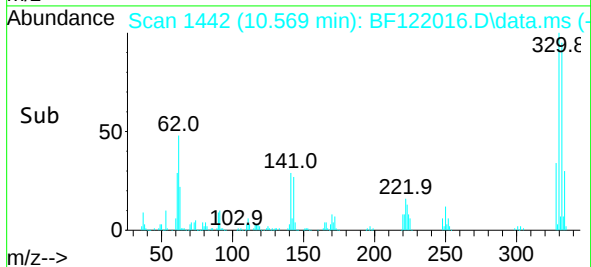
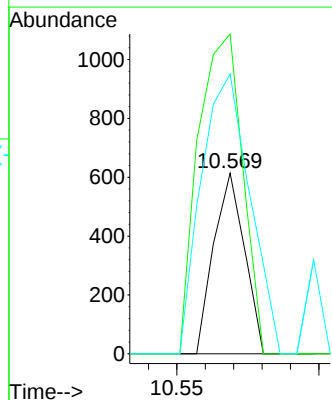
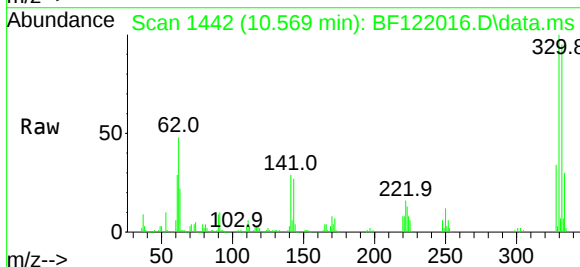
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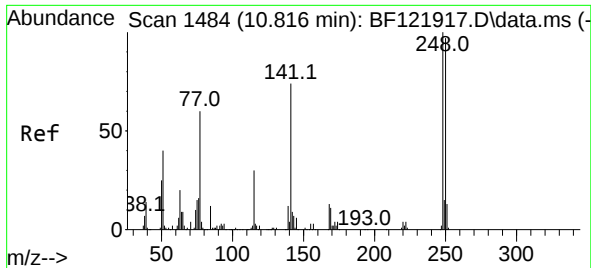
Tgt Ion:188 Resp: 305171
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.64 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion:198 Resp: 461
Ion Ratio Lower Upper
198 100
51 177.0 29.6 69.6#
105 154.9 24.4 64.4#

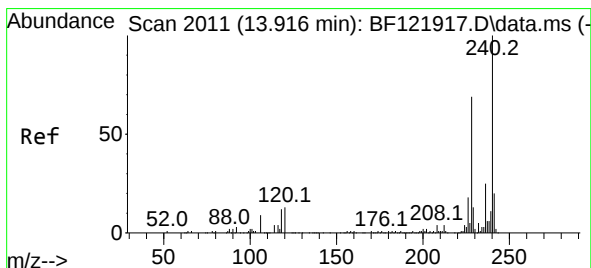
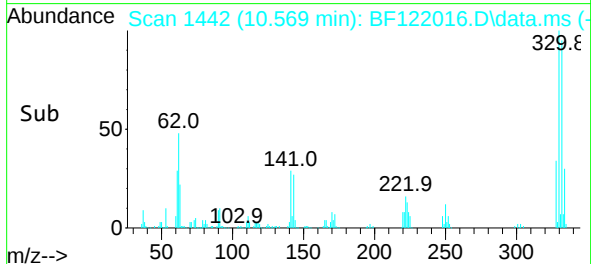
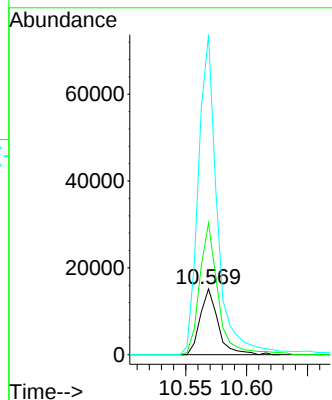
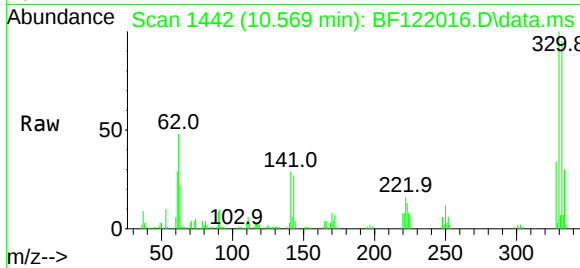




#67
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

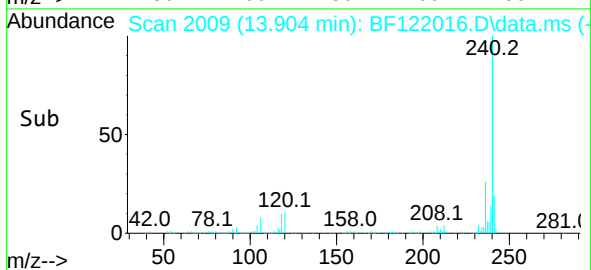
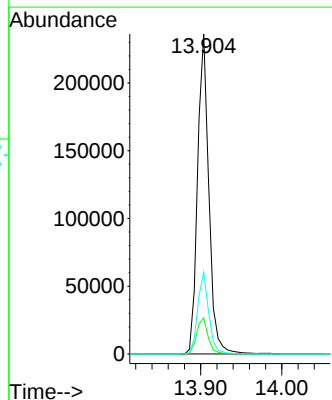
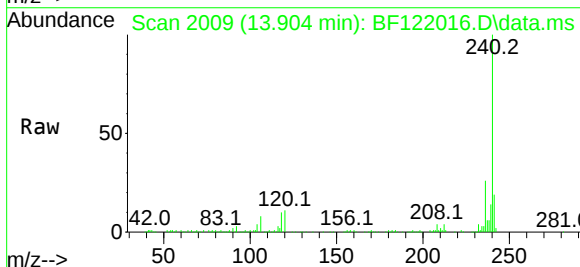
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

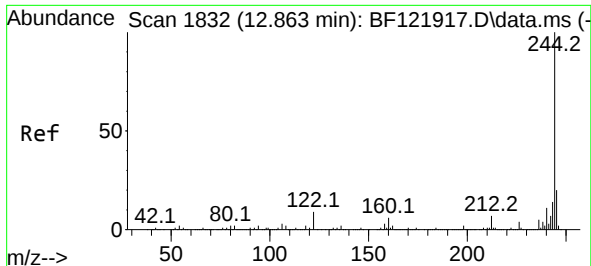
Tgt Ion:248 Resp: 15545
Ion Ratio Lower Upper
248 100
250 200.3 77.0 115.6#
141 486.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122016.D
Acq: 16 Oct 2020 17:48

Tgt Ion:240 Resp: 229336
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.6 20.9 31.3

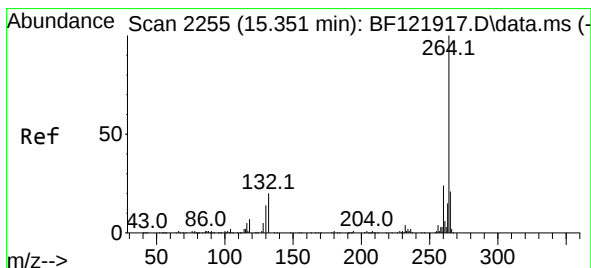
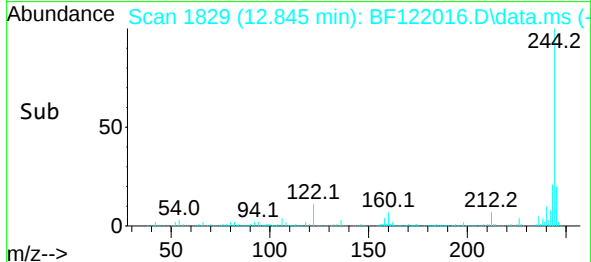
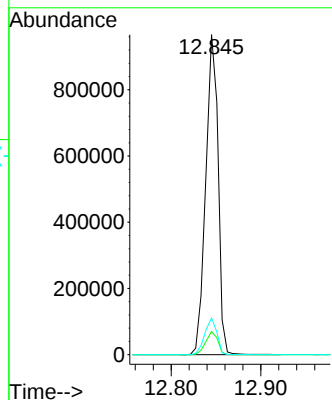
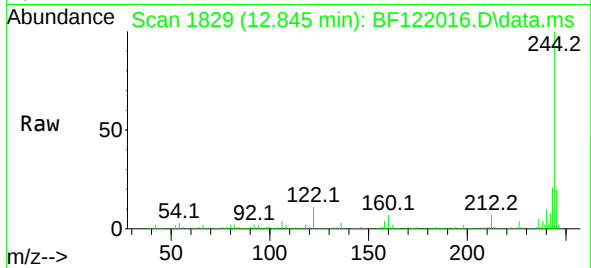




#79
 Terphenyl-d14
 Concen: 76.83 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF122016.D
 Acq: 16 Oct 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101520

Tgt Ion:244 Resp: 924546
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. 0.006 min
 Lab File: BF122016.D
 Acq: 16 Oct 2020 17:48

Tgt Ion:264 Resp: 247018
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 20.4 17.3 25.9

