

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122017.D
 Acq On : 16 Oct 2020 18:19
 Operator : JU/CG
 Sample : L4223-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-101420

Quant Time: Oct 16 19:23:17 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)

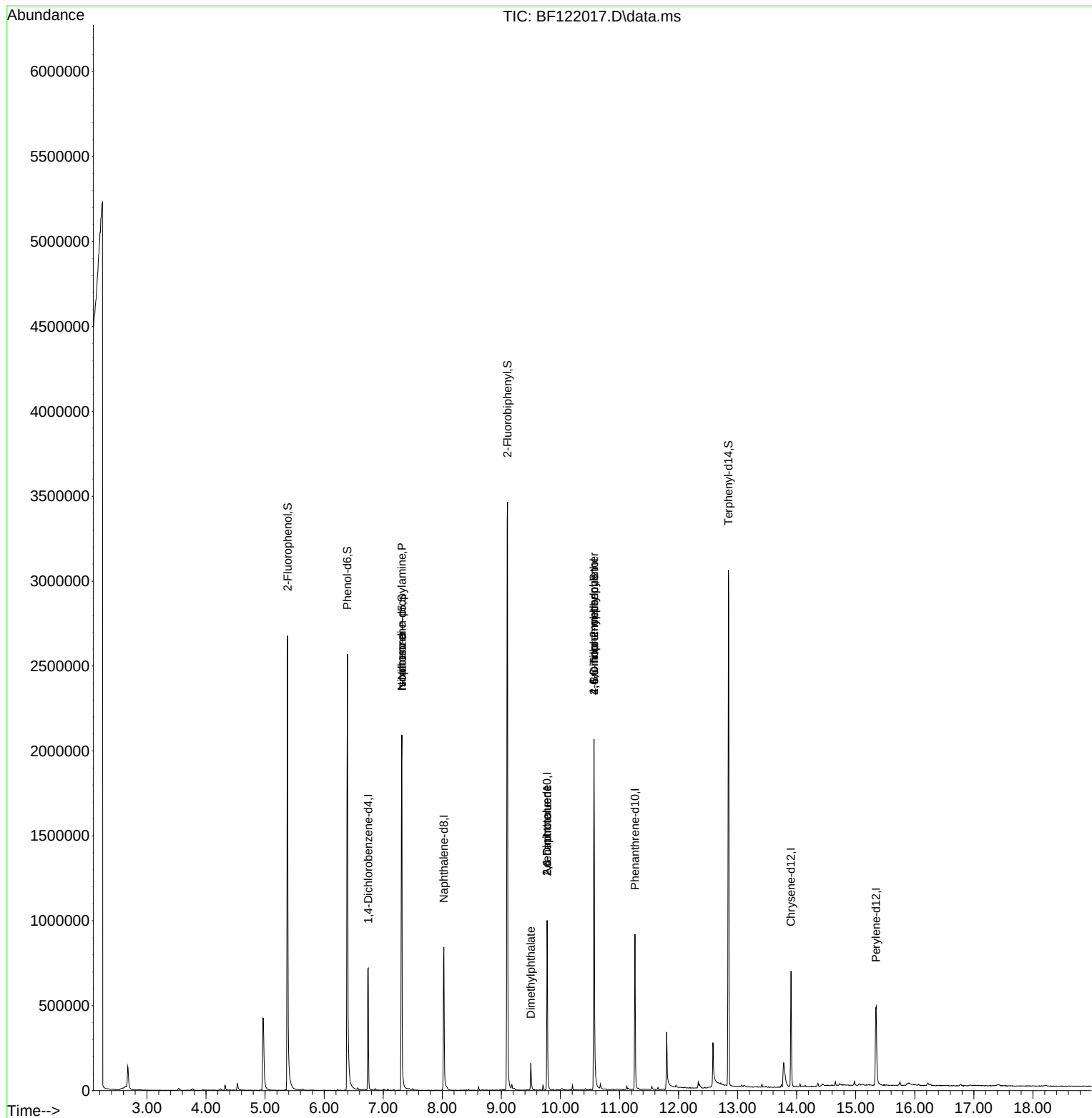
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	111447	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	433953	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	207985	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	338197	20.00	ng	0.00
76) Chrysene-d12	13.904	240	243387	20.00	ng	0.00
86) Perylene-d12	15.345	264	246833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	830902	110.04	ng	0.02
7) Phenol-d6	6.393	99	971620	99.96	ng	0.00
23) Nitrobenzene-d5	7.316	82	777984	91.94	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	306597	119.17	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1255570	88.82	ng	0.00
79) Terphenyl-d14	12.845	244	1044001	81.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	1620	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.316	70	103293	18.66	ng	# 78
25) Isophorone	7.316	82	777980	48.62	ng	# 67
50) Dimethylphthalate	9.498	163	72758	4.78	ng	99
51) 2,6-Dinitrotoluene	9.775	165	26982	8.09	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	26982	6.57	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	543	4.65	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	17496	4.48	ng	# 1

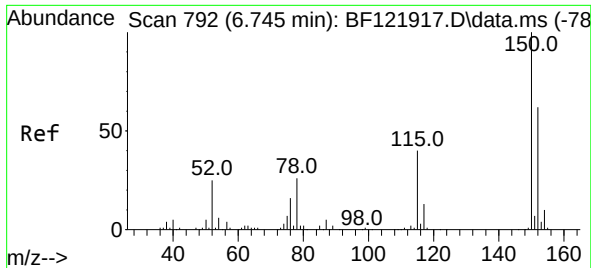
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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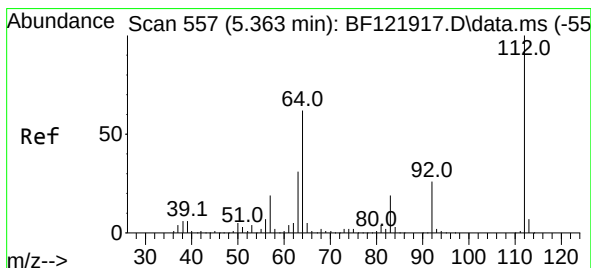
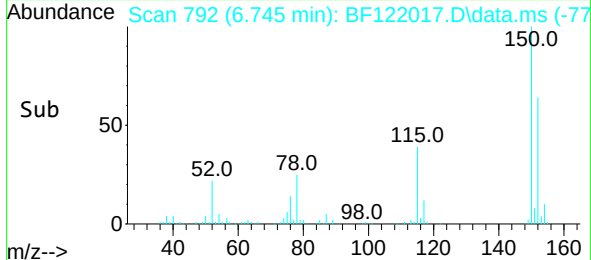
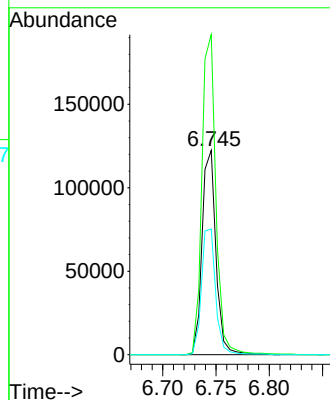
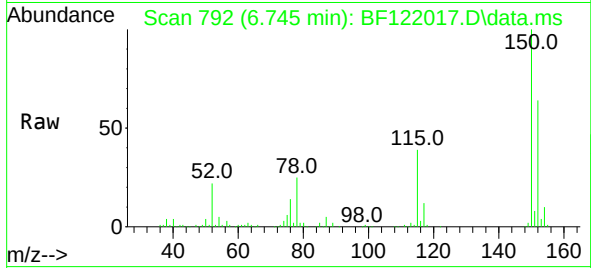




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

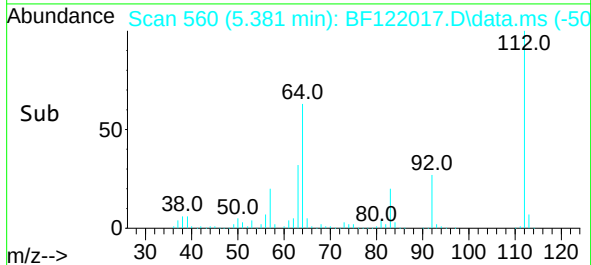
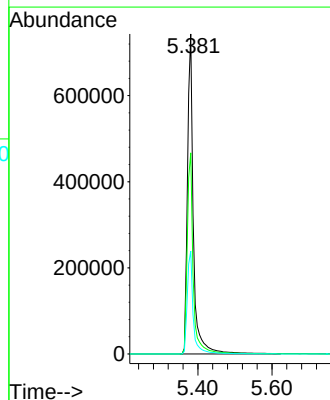
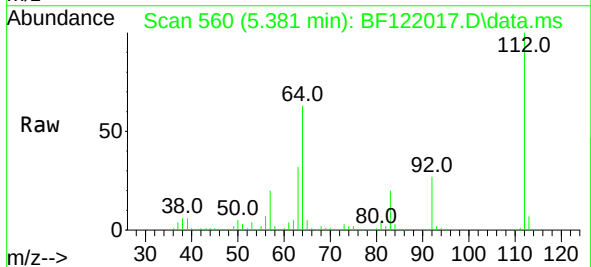
Instrument :
BNA_F
ClientSampleId :
PL-01-101420

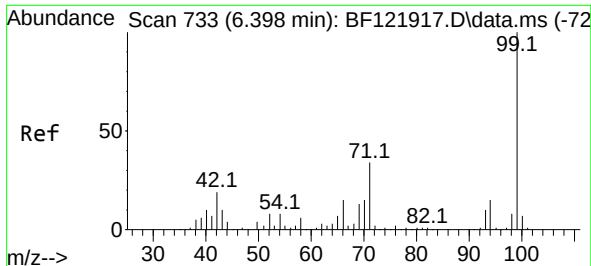
Tgt Ion:152 Resp: 111447
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 110.04 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:112 Resp: 830902
Ion Ratio Lower Upper
112 100
64 62.9 50.4 75.6
63 32.1 25.8 38.6

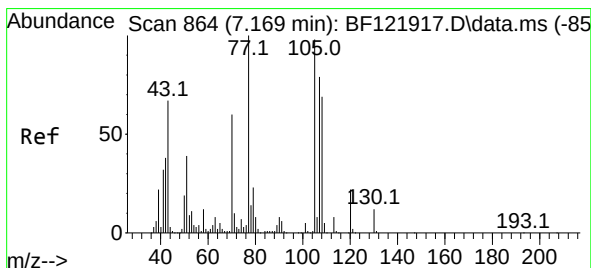
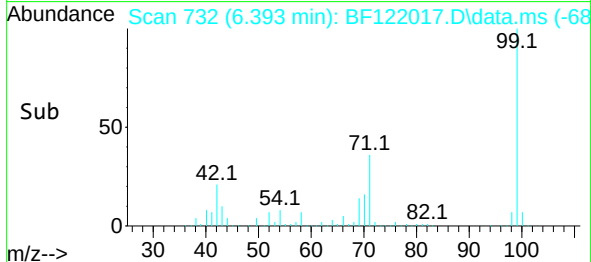
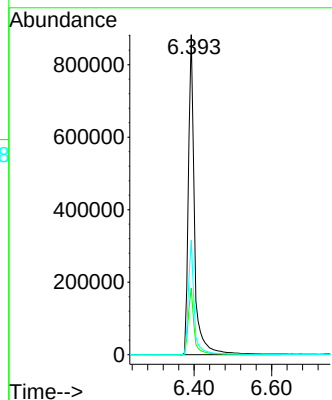
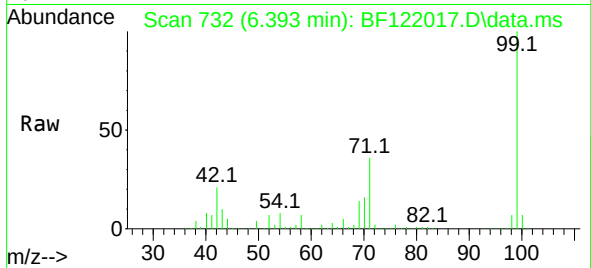




#7
Phenol-d6
Concen: 99.96 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

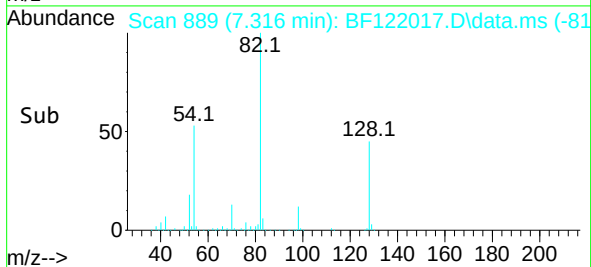
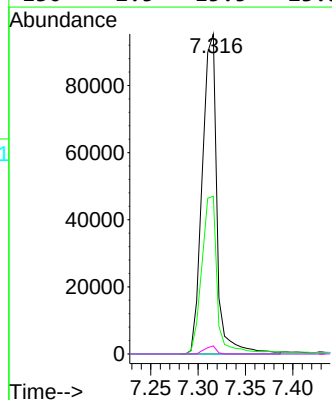
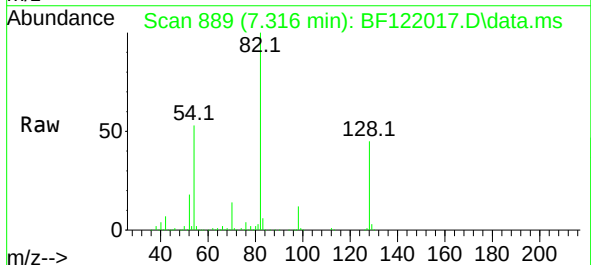
Instrument :
BNA_F
ClientSampleId :
PL-01-101420

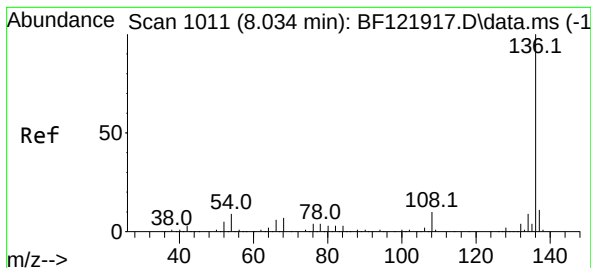
Tgt Ion: 99 Resp: 971620
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.66 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.153 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion: 70 Resp: 103293
Ion Ratio Lower Upper
70 100
42 49.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.5 15.5 23.3#



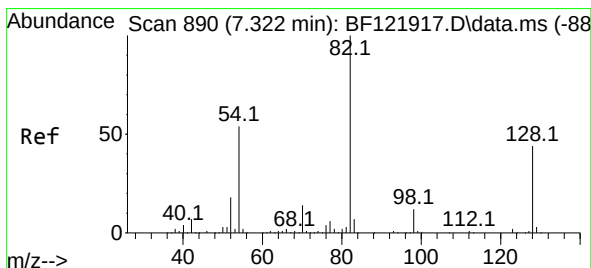
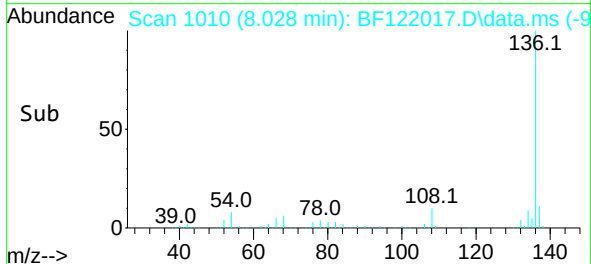
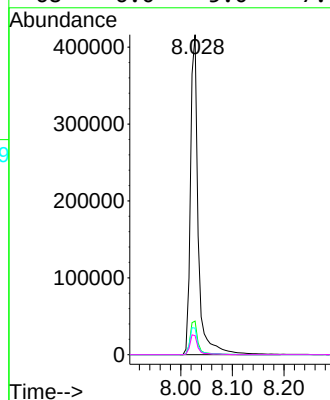
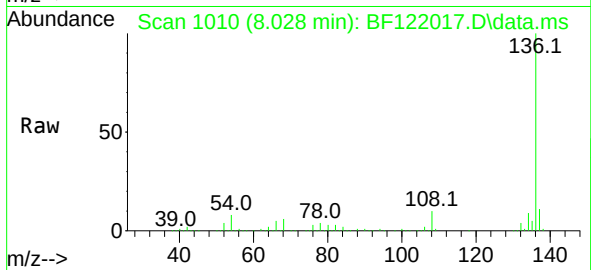


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

Tgt Ion:136 Resp: 433953

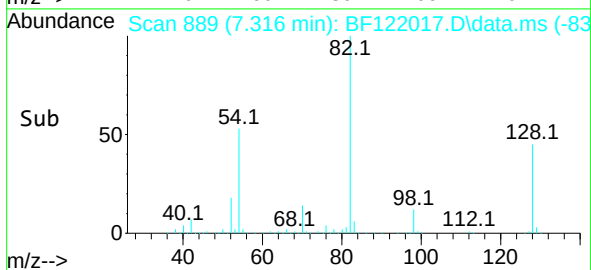
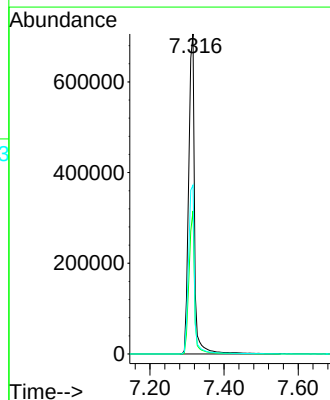
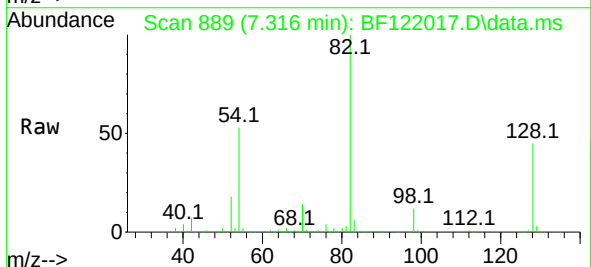
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.1	10.7
68	6.0	5.0	7.4

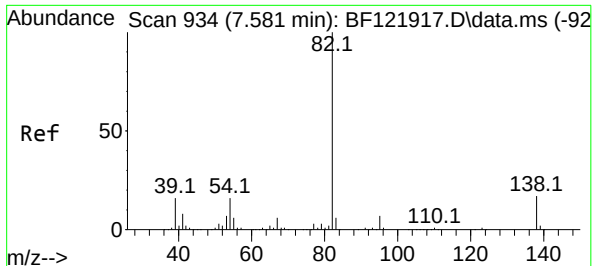


#23
Nitrobenzene-d5
Concen: 91.94 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion: 82 Resp: 777984

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.0	52.4
54	52.8	43.9	65.9

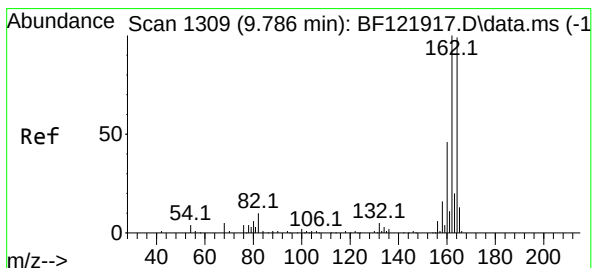
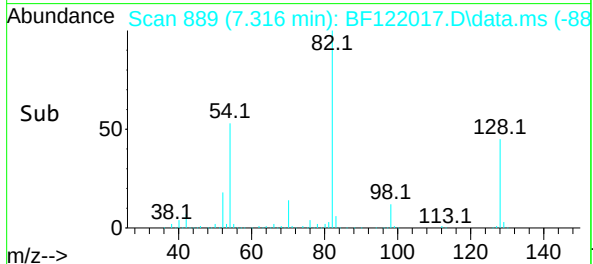
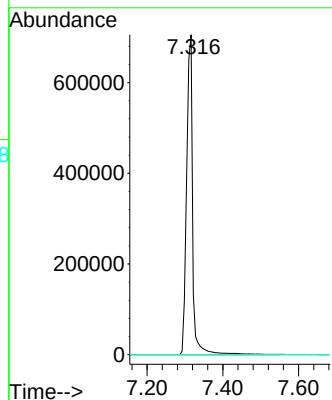
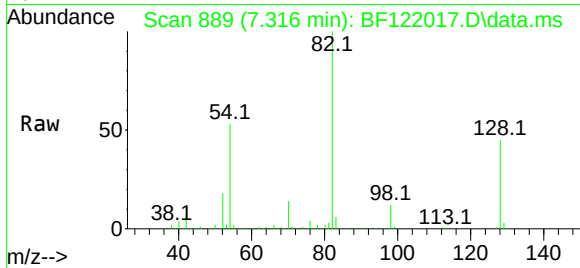




#25
Isophorone
Concen: 48.62 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.259 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

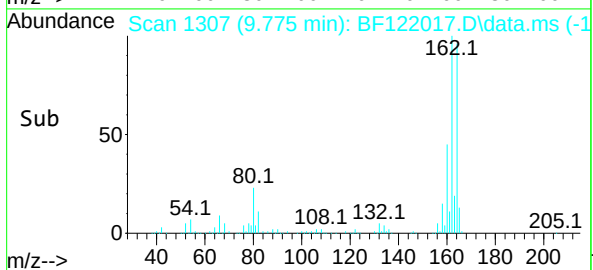
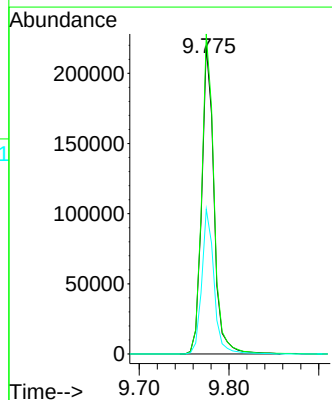
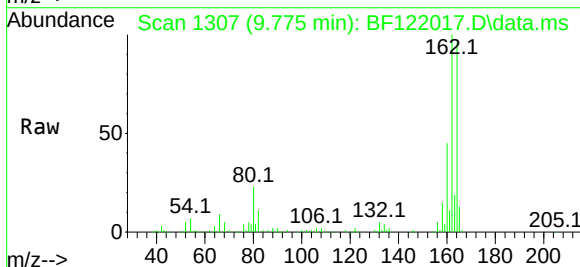
Instrument :
BNA_F
ClientSampleId :
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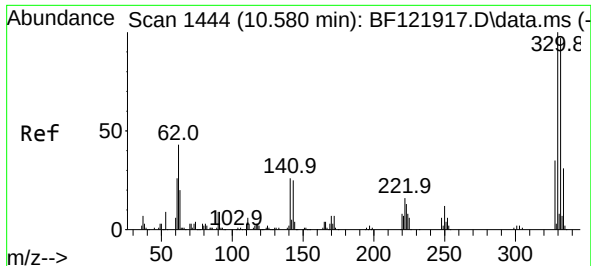
Tgt Ion: 82 Resp: 777980
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

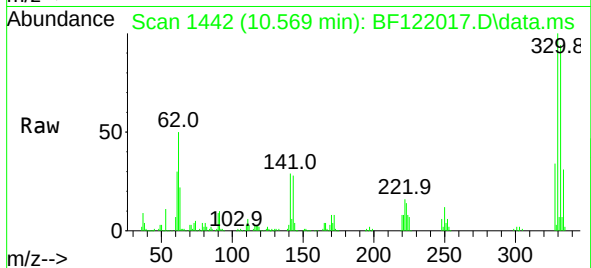
Tgt Ion:164 Resp: 207985
Ion Ratio Lower Upper
164 100
162 104.1 83.2 124.8
160 47.1 37.5 56.3



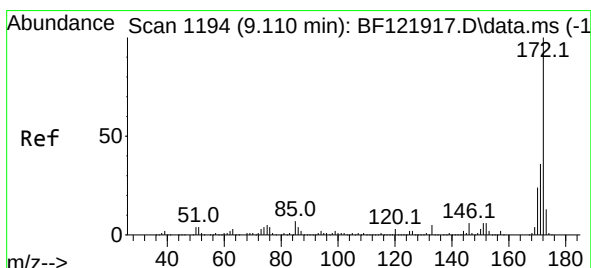
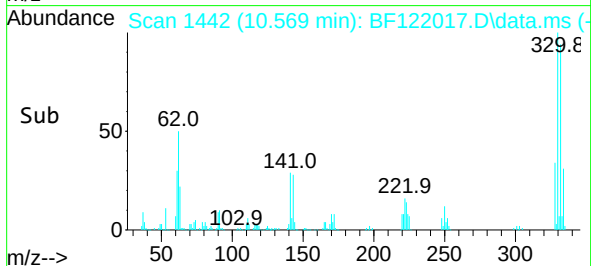
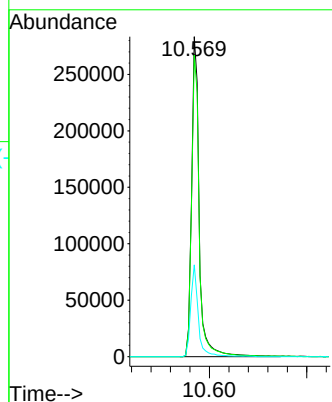


#42
2,4,6-Tribromophenol
Concen: 119.17 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

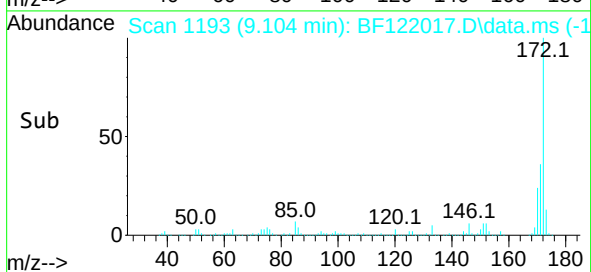
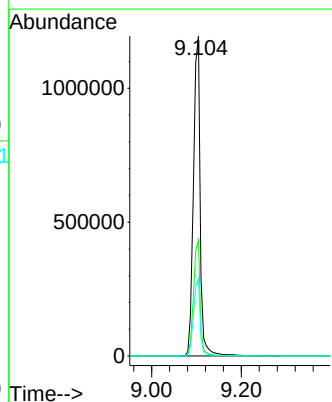
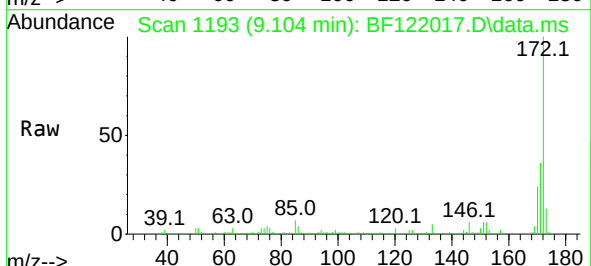


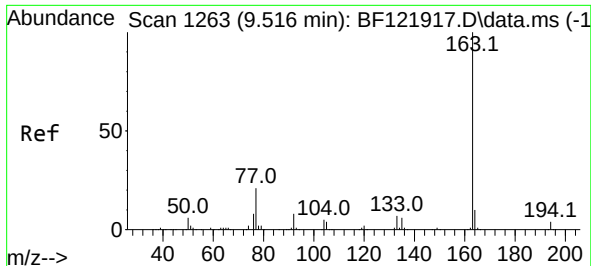
Tgt Ion:330 Resp: 306597
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 28.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 88.82 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:172 Resp: 1255570
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

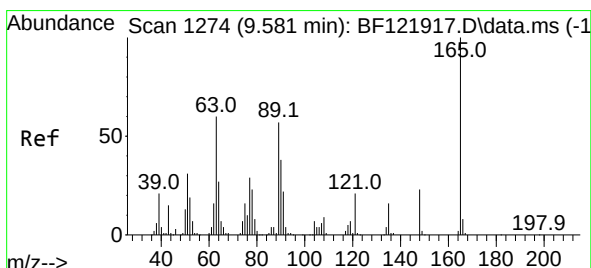
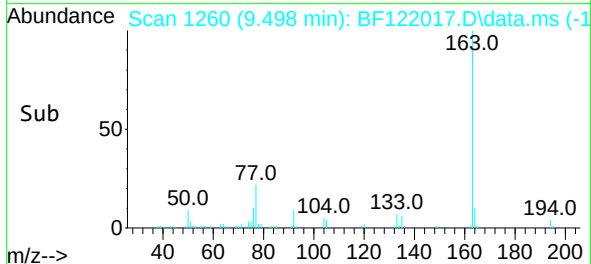
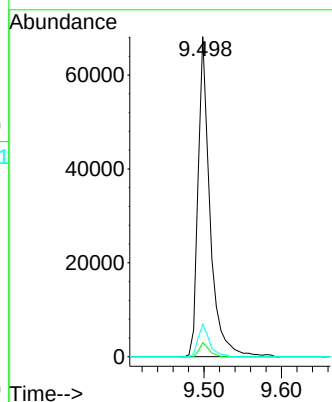
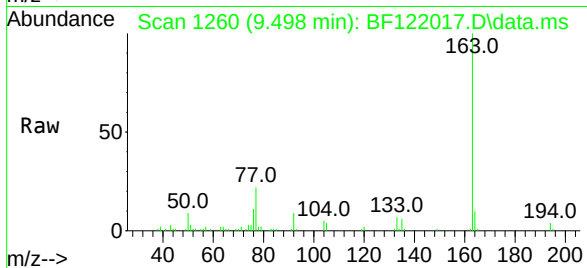




#50
Dimethylphthalate
Concen: 4.78 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

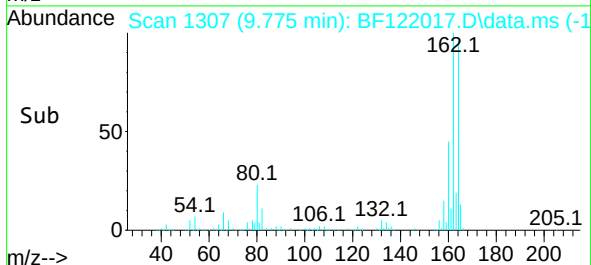
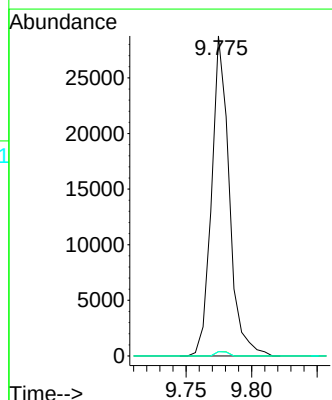
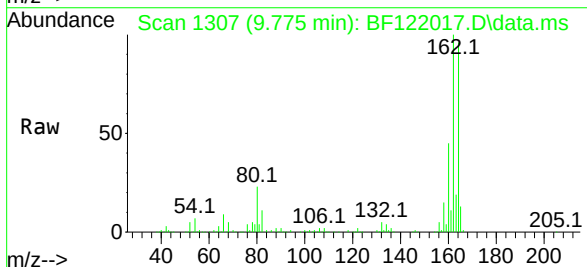
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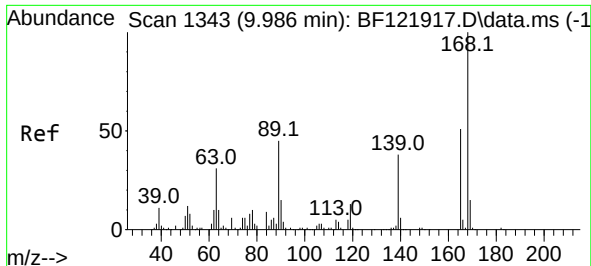
Tgt Ion:163 Resp: 72758
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:165 Resp: 26982
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.4 49.0 73.6#

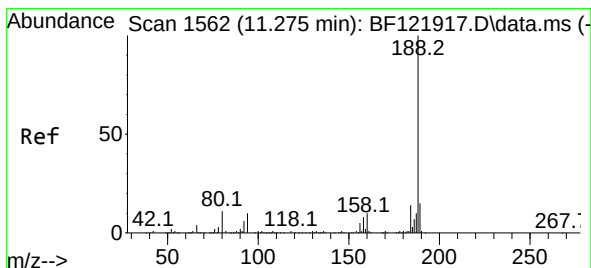
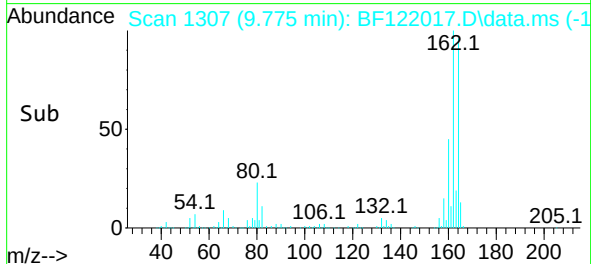
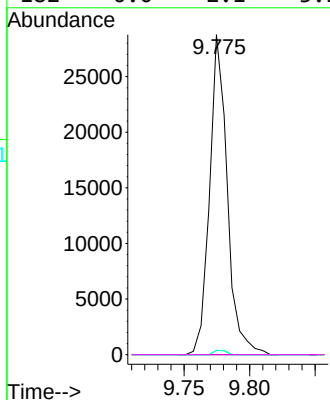
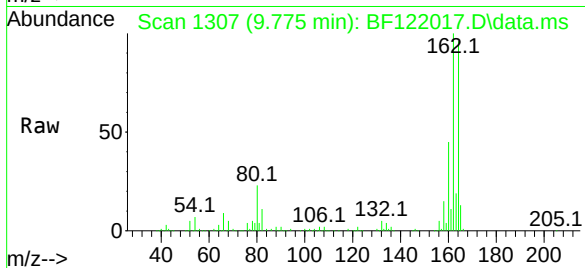




#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

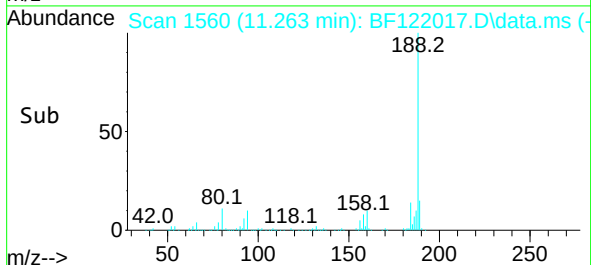
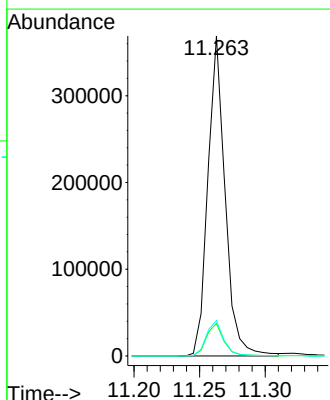
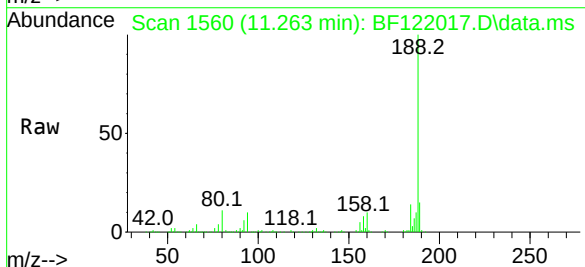
Instrument :
BNA_F
ClientSampleId :
PL-01-101420

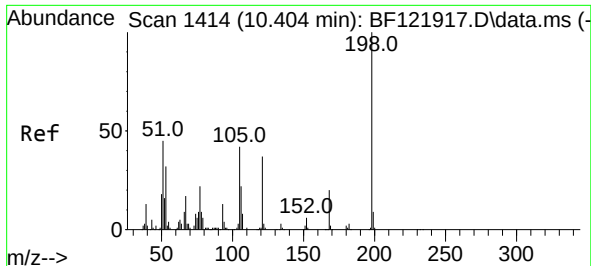
Tgt Ion:	165	Resp:	26982
Ion Ratio	Lower	Upper	
165	100		
63	1.4	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:	188	Resp:	338197
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.3	12.5
80	11.1	9.1	13.7

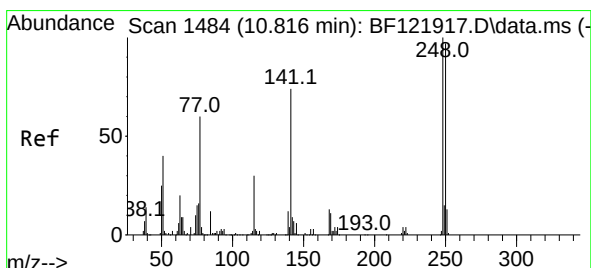
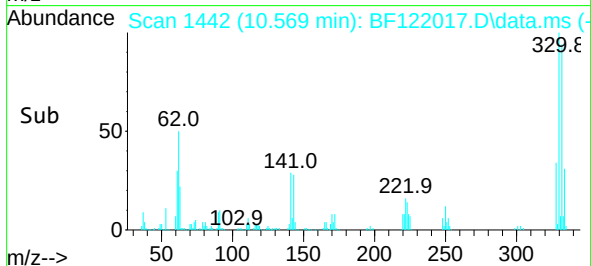
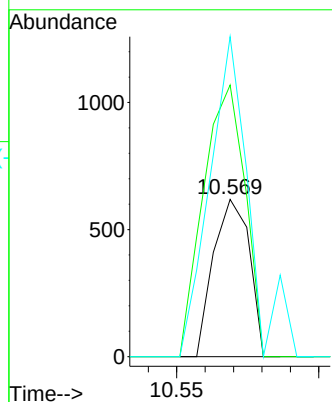
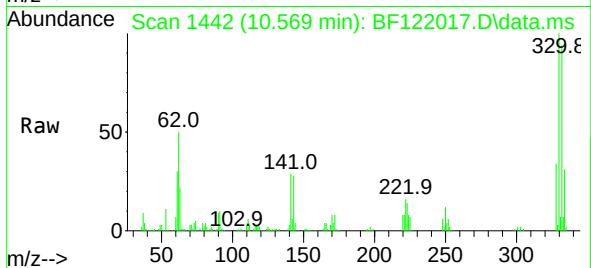




#65
4,6-Dinitro-2-methylphenol
Concen: 4.65 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

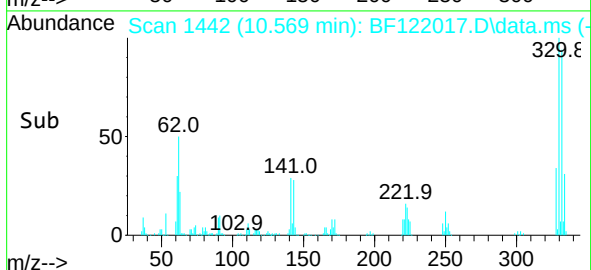
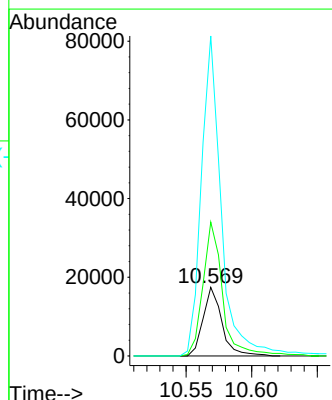
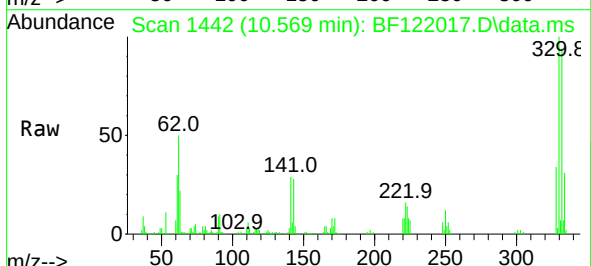
Instrument :
BNA_F
ClientSampleId :
PL-01-101420

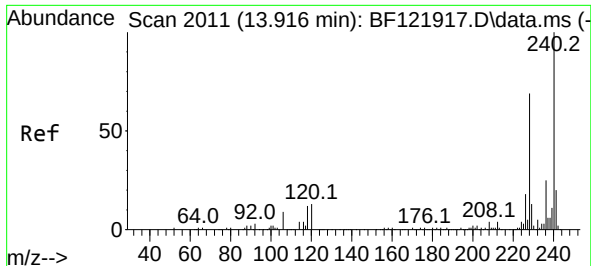
Tgt Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 172.7 29.6 69.6#
105 203.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:248 Resp: 17496
Ion Ratio Lower Upper
248 100
250 195.1 77.0 115.6#
141 466.3 53.7 80.5#

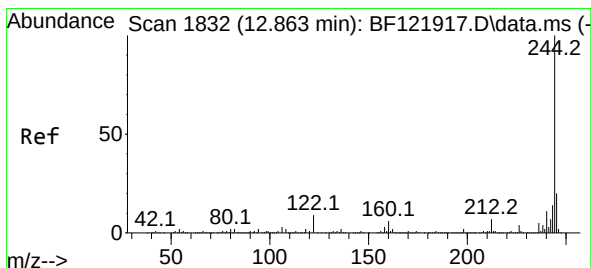
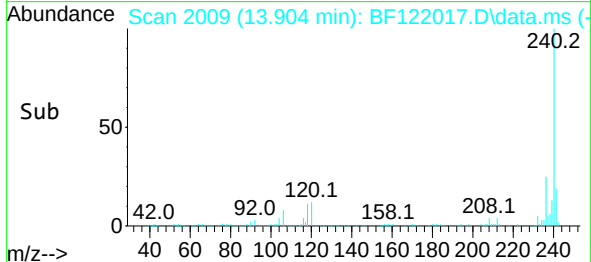
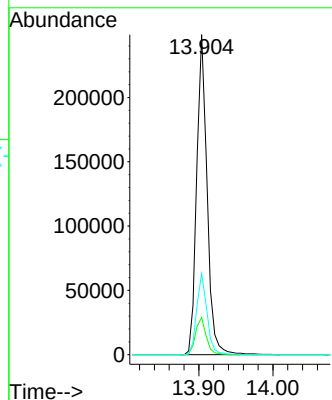
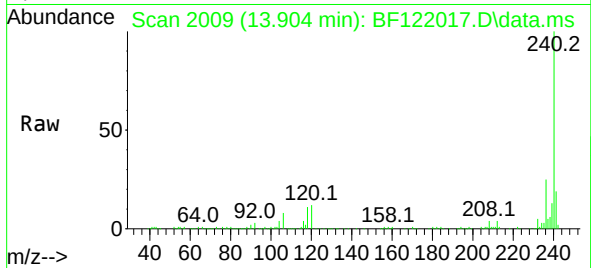




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

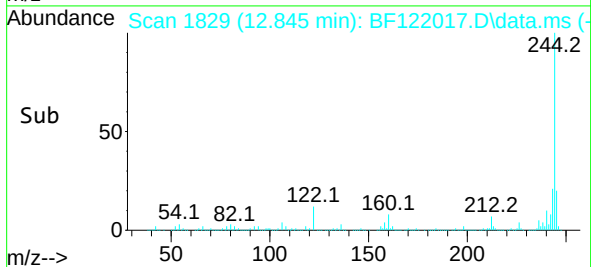
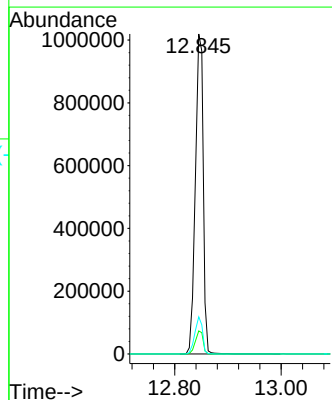
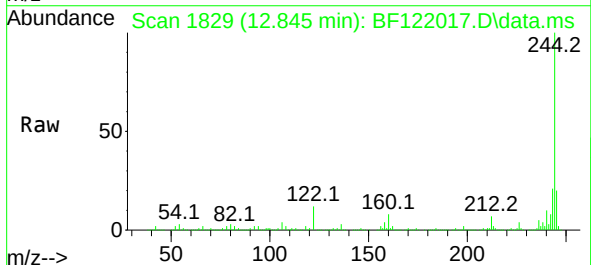
Instrument :
BNA_F
ClientSampleId :
PL-01-101420

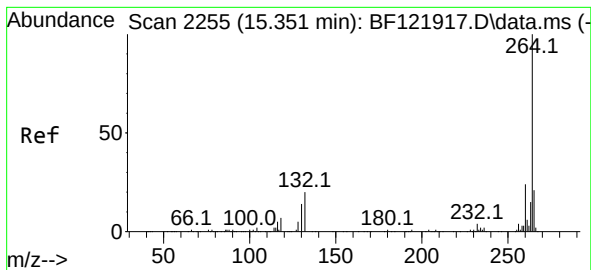
Tgt Ion:240 Resp: 243387
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 81.75 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122017.D
Acq: 16 Oct 2020 18:19

Tgt Ion:244 Resp: 1044001
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.6 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: BF122017.D
Acq: 16 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

Tgt Ion:264 Resp: 246833

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.3	25.9

