

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122018.D
 Acq On : 16 Oct 2020 18:51
 Operator : JU/CG
 Sample : L4224-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101520

Quant Time: Oct 16 23:59:43 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)

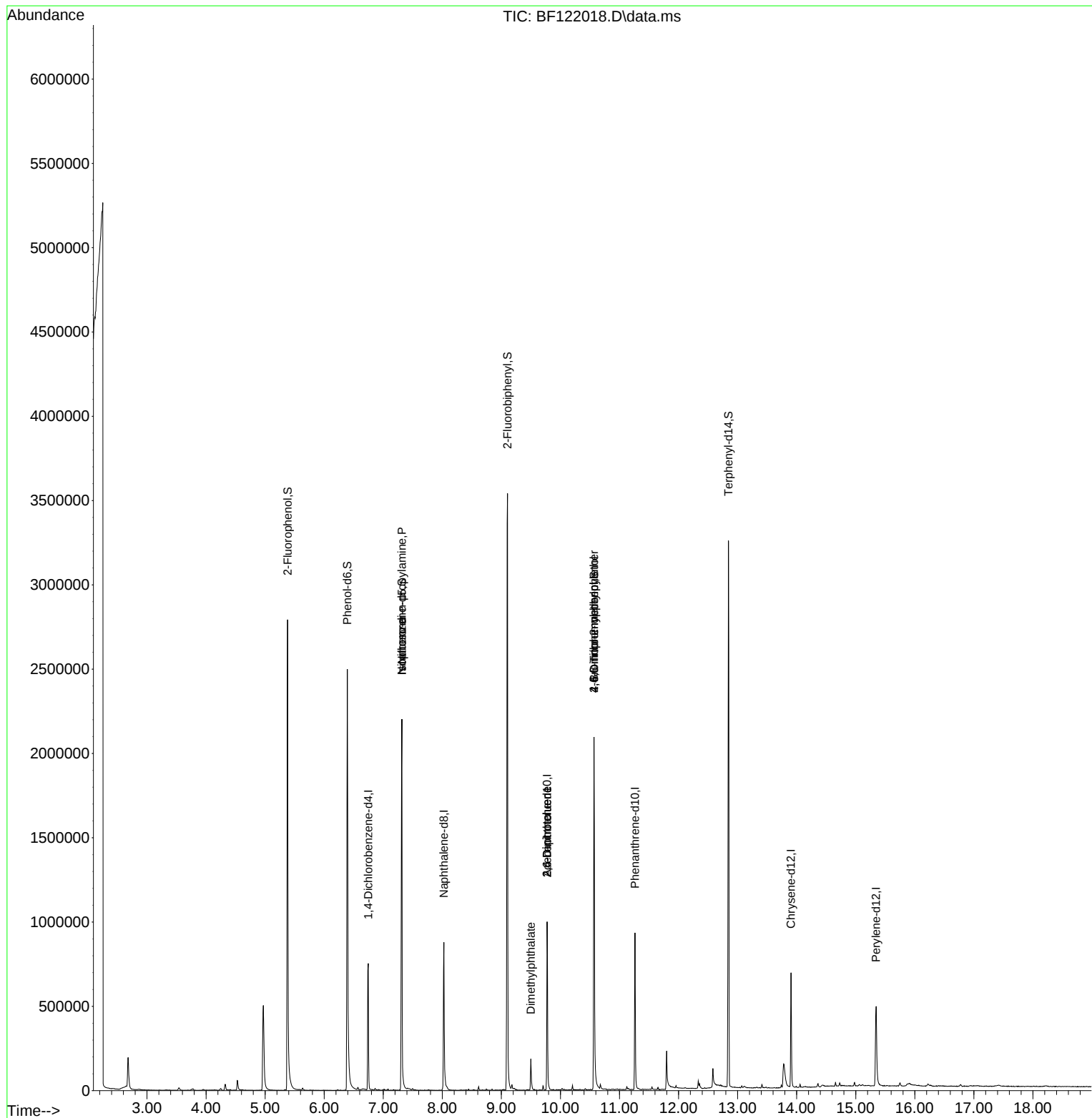
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	113280	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	433767	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	212396	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	349761	20.00	ng	0.00
76) Chrysene-d12	13.904	240	242537	20.00	ng	0.00
86) Perylene-d12	15.345	264	253291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	837052	109.06	ng	0.02
7) Phenol-d6	6.392	99	984336	99.63	ng	0.00
23) Nitrobenzene-d5	7.316	82	767025	90.69	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	306049	116.48	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1271551	88.08	ng	0.00
79) Terphenyl-d14	12.845	244	1064460	83.64	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	1309	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.316	70	104509	18.58	ng	# 78
25) Isophorone	7.316	82	767124	47.97	ng	# 67
50) Dimethylphthalate	9.498	163	85768	5.52	ng	100
51) 2,6-Dinitrotoluene	9.775	165	26847	7.88	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	26847	6.40	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	383	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	17933	4.44	ng	# 1

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

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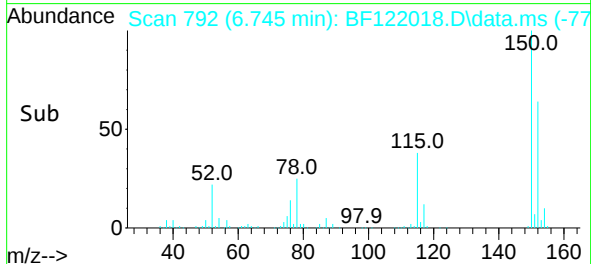
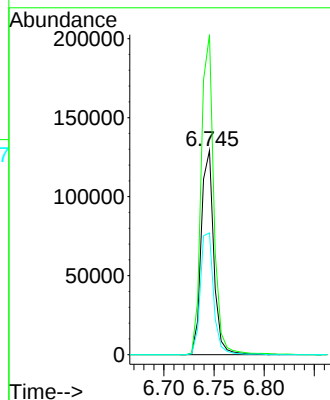
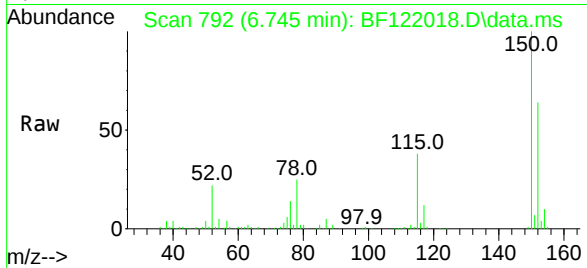




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

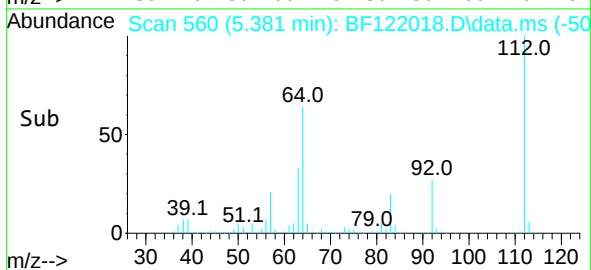
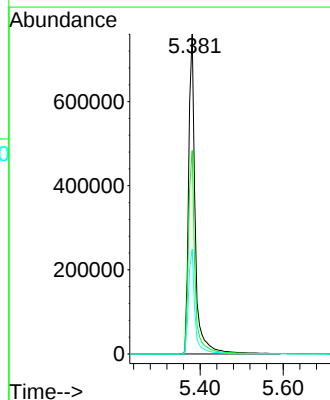
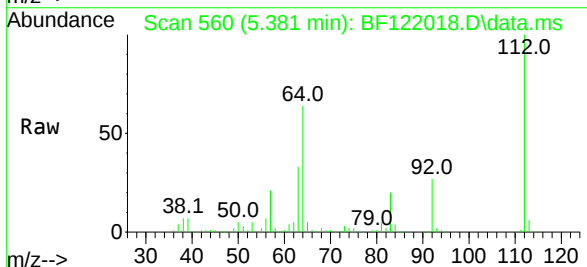
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion:152 Resp: 113280
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 59.6 51.9 77.9



#5
2-Fluorophenol
Concen: 109.06 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion:112 Resp: 837052
Ion Ratio Lower Upper
112 100
64 63.6 50.4 75.6
63 32.8 25.8 38.6

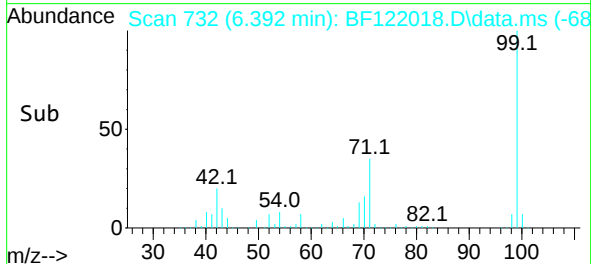
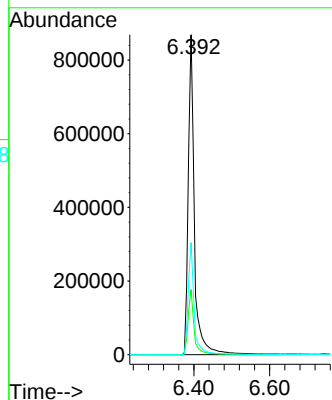
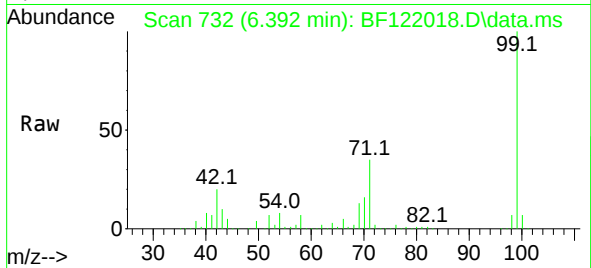




#7
Phenol-d6
Concen: 99.63 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

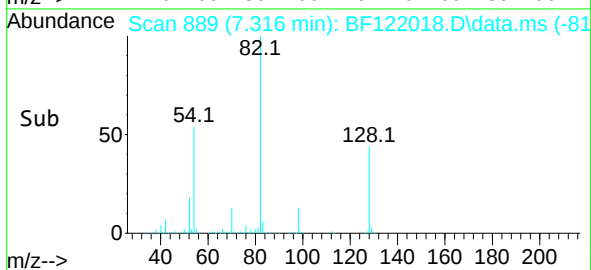
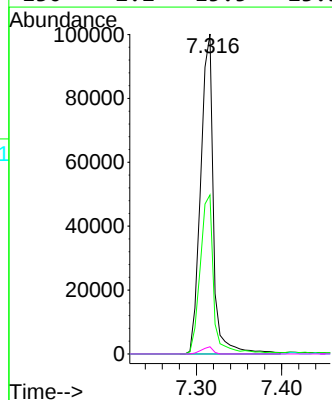
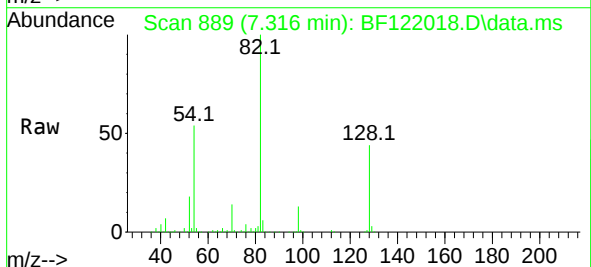
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

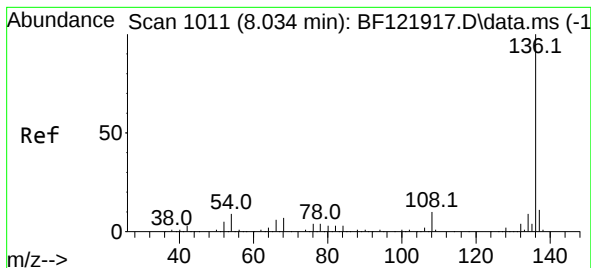
Tgt Ion: 99 Resp: 984336
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.58 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.153 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion: 70 Resp: 104509
Ion Ratio Lower Upper
70 100
42 49.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

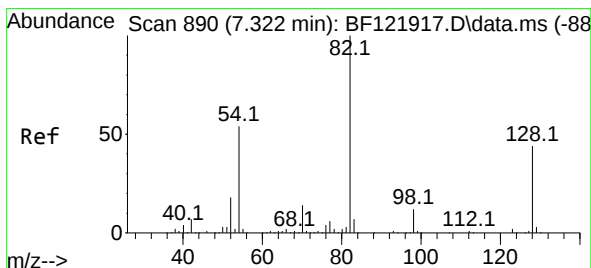
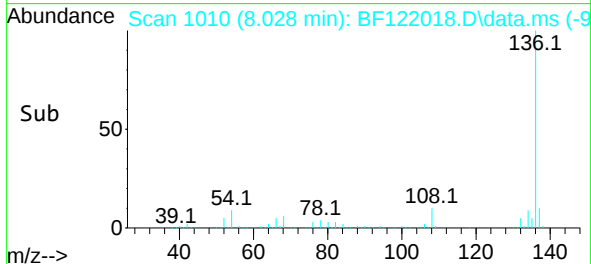
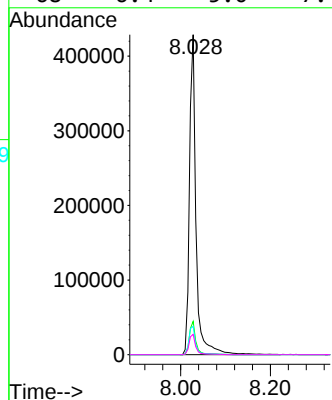
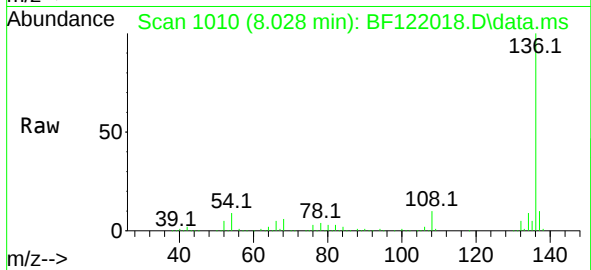




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

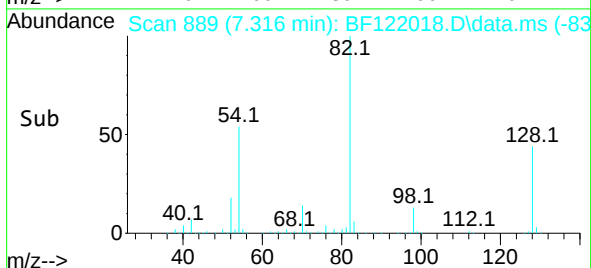
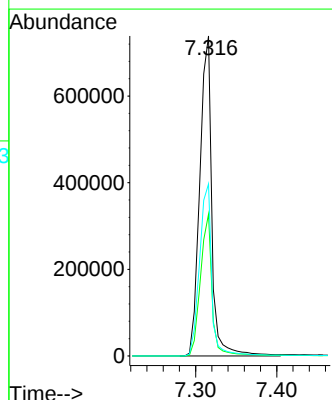
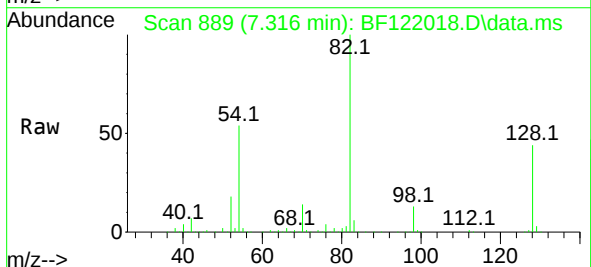
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

Tgt Ion:136 Resp: 433767
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.8 7.1 10.7
68 6.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 90.69 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion: 82 Resp: 767025
Ion Ratio Lower Upper
82 100
128 44.3 35.0 52.4
54 53.8 43.9 65.9

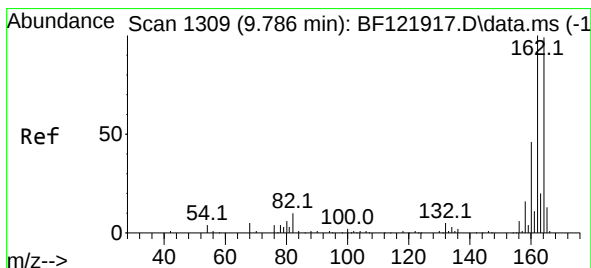
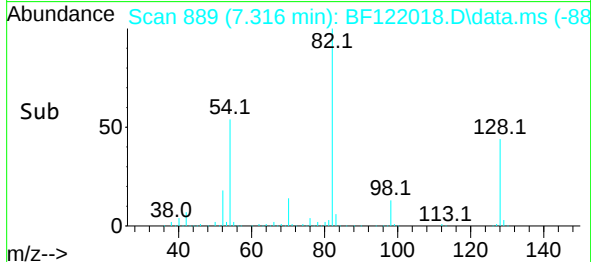
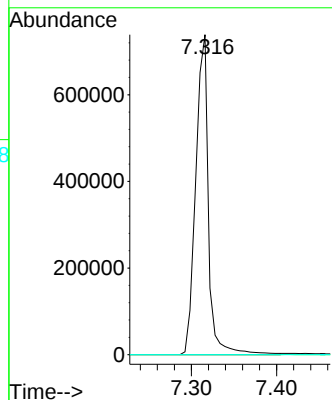
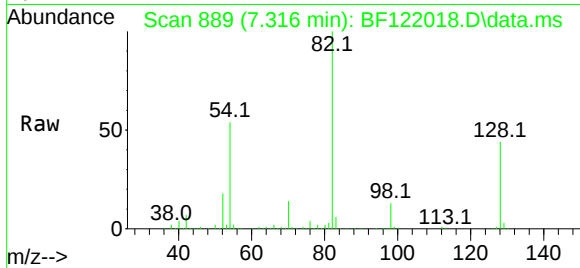




#25
Isophorone
Concen: 47.97 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.259 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

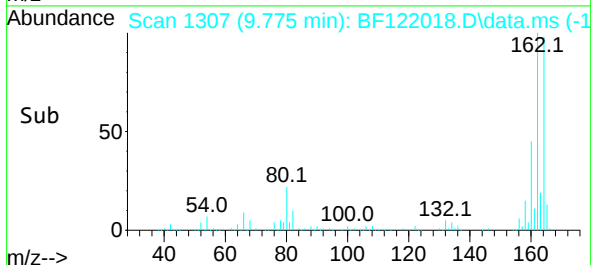
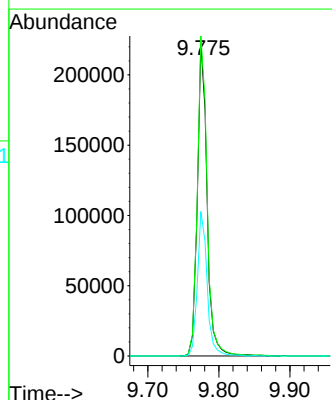
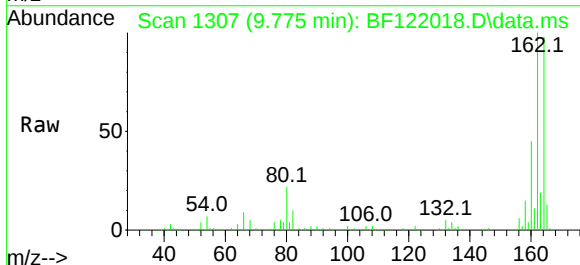
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BNA_F
ClientSampleId :
OR-03-101520

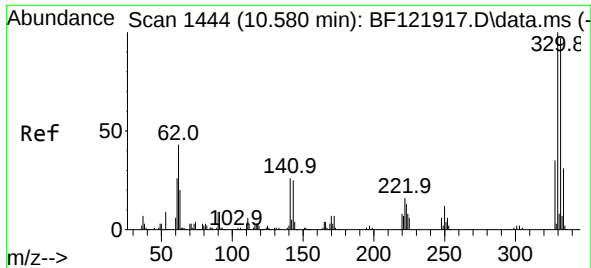
Tgt Ion: 82 Resp: 767124
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion: 164 Resp: 212396
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 46.2 37.5 56.3

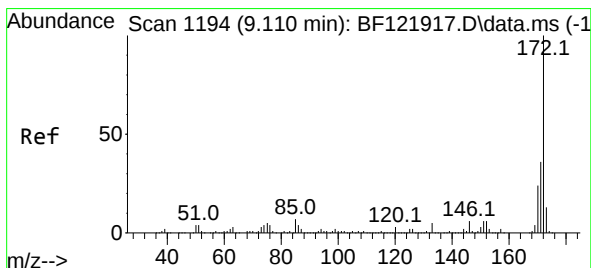
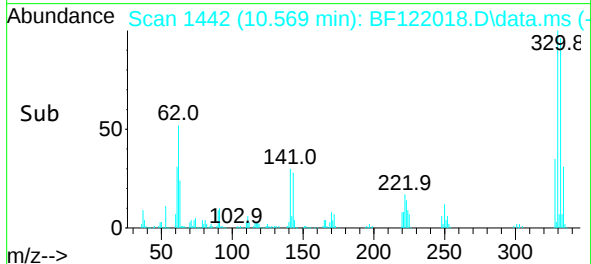
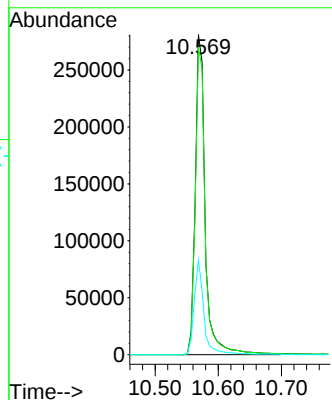
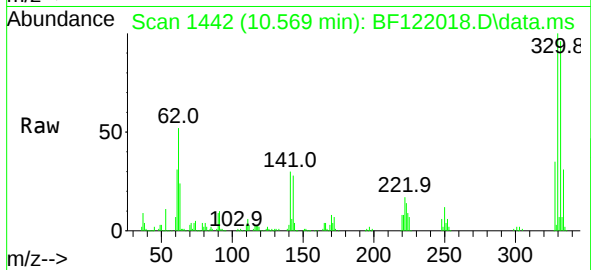




#42
 2,4,6-Tribromophenol
 Concen: 116.48 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF122018.D
 Acq: 16 Oct 2020 18:51

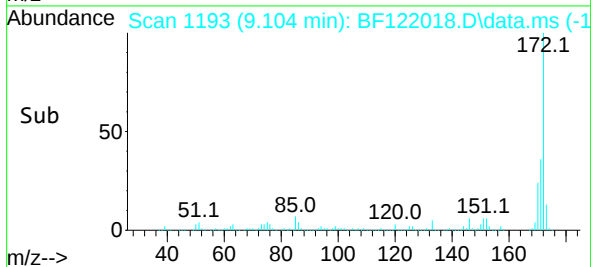
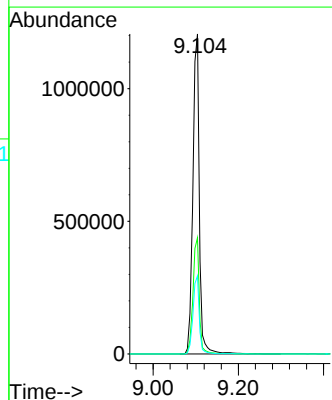
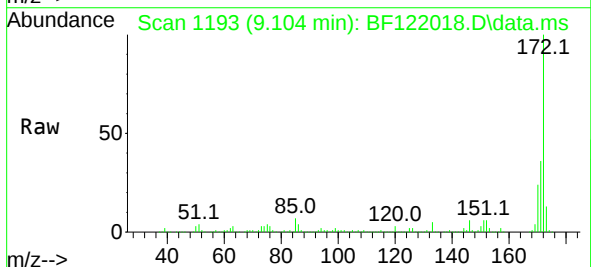
Instrument :
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Tgt Ion:330 Resp: 306049
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 29.2 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BF122018.D
 Acq: 16 Oct 2020 18:51

Tgt Ion:172 Resp: 1271551
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.4 19.8 29.6

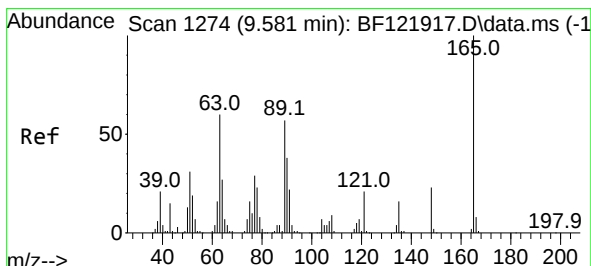
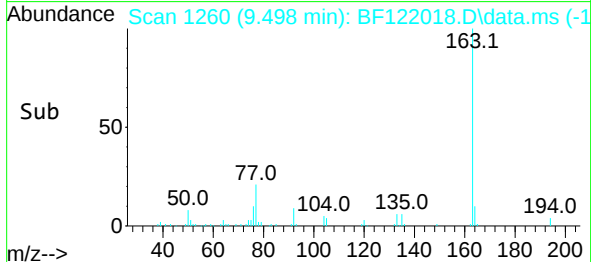
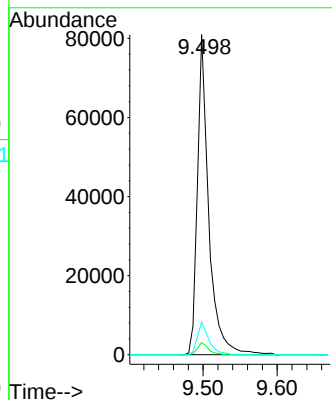
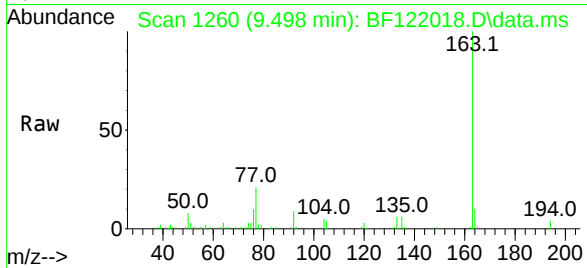




#50
Dimethylphthalate
Concen: 5.52 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

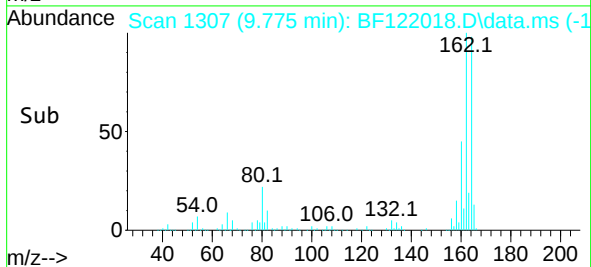
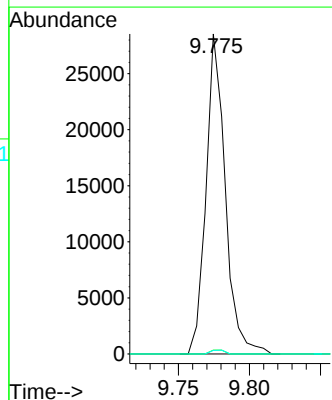
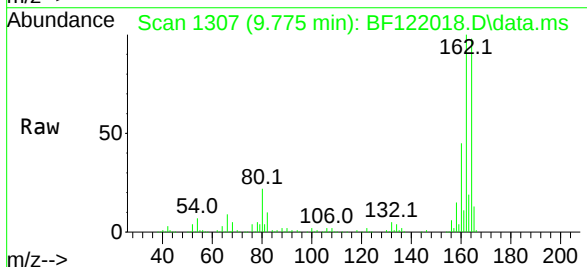
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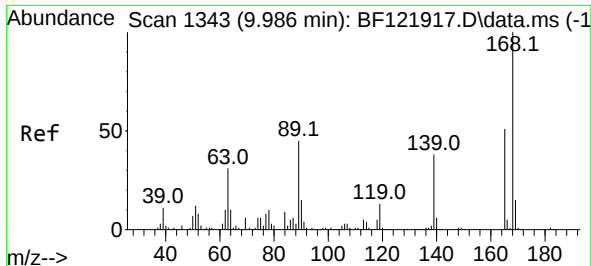
Tgt Ion:163 Resp: 85768
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion:165 Resp: 26847
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.1 49.0 73.6#

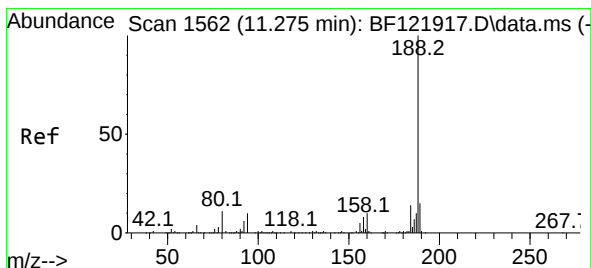
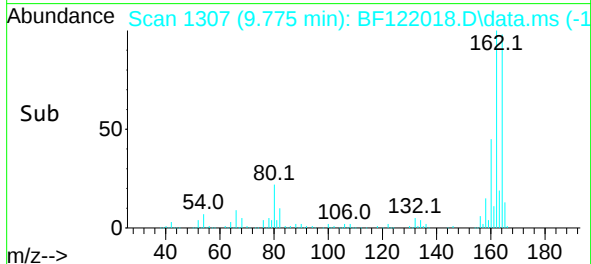
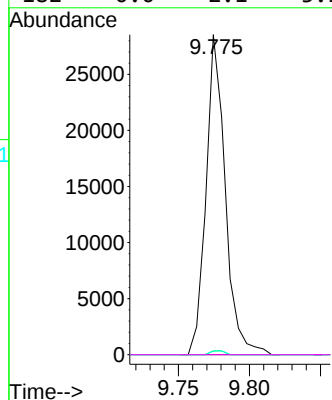
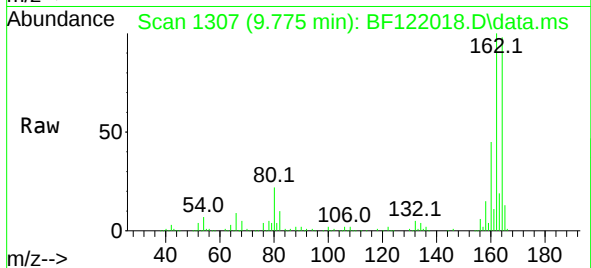




#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

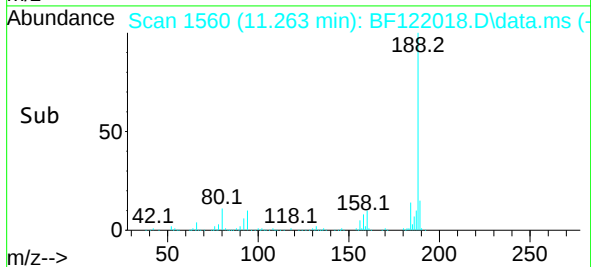
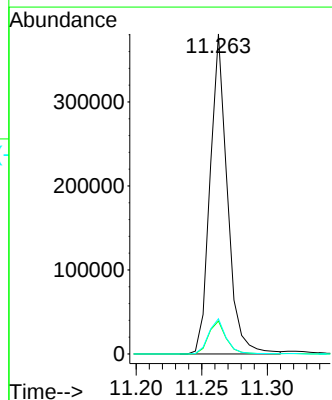
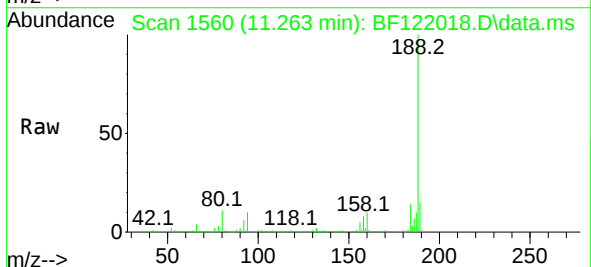
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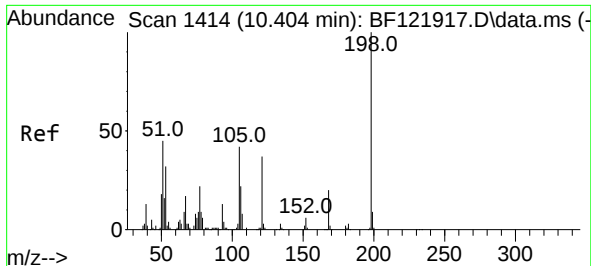
Tgt Ion:	165	Resp:	26847
Ion Ratio	Lower	Upper	
165	100		
63	1.2	41.3	61.9#
89	1.1	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion:	188	Resp:	349761
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.3	12.5
80	11.0	9.1	13.7

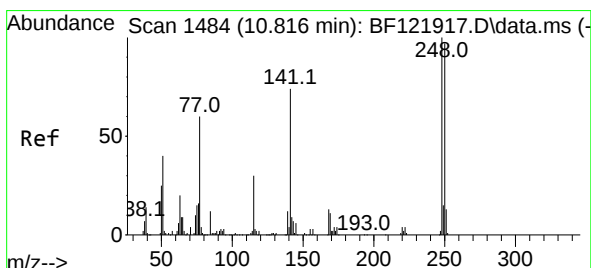
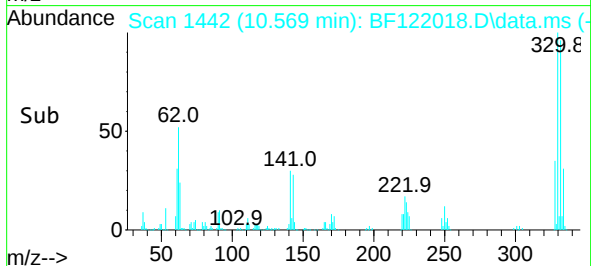
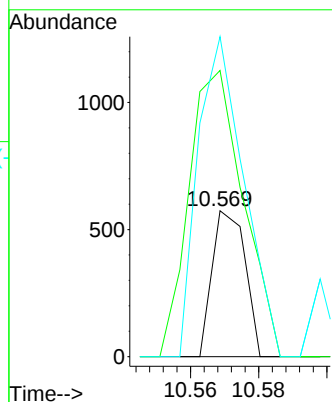
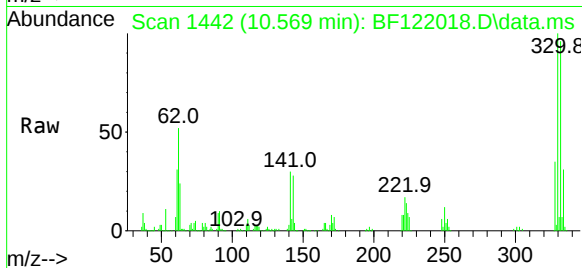




#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.171 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

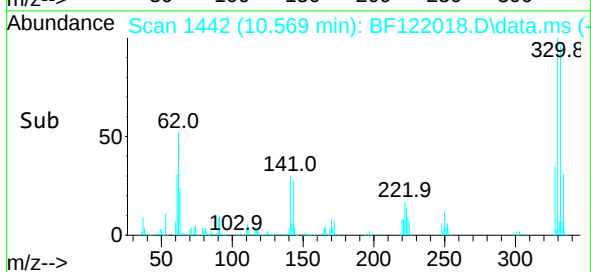
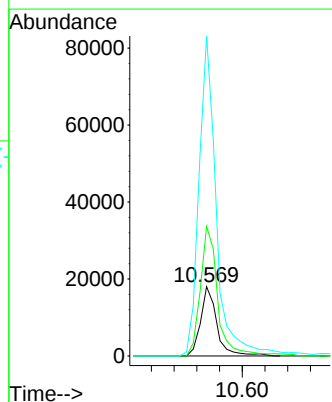
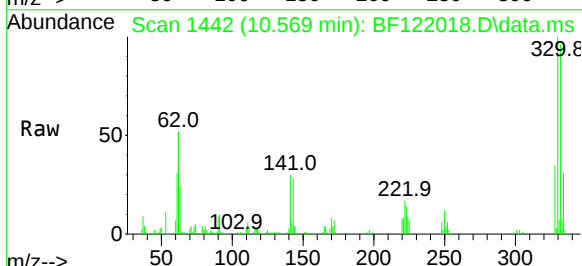
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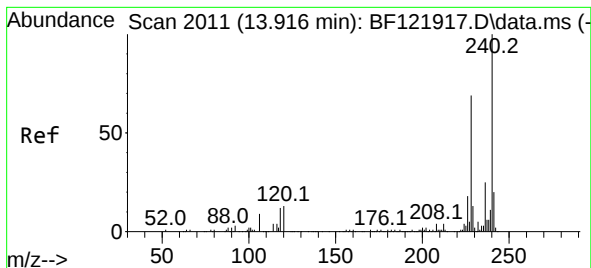
Tgt Ion:198 Resp: 383
Ion Ratio Lower Upper
198 100
51 196.2 29.6 69.6#
105 219.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Tgt Ion:248 Resp: 17933
Ion Ratio Lower Upper
248 100
250 187.1 77.0 115.6#
141 462.2 53.7 80.5#

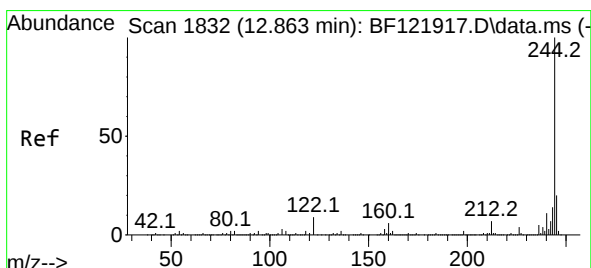
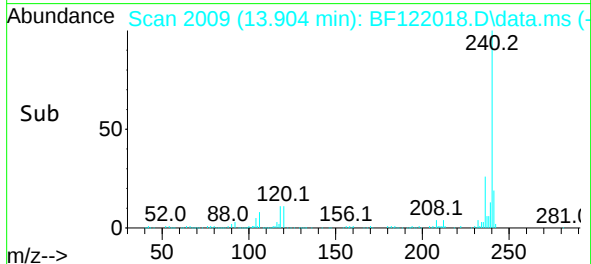
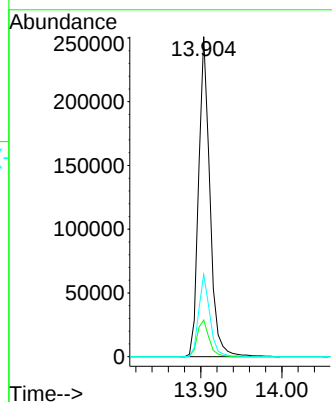
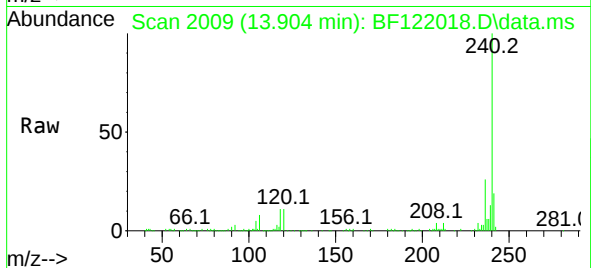




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

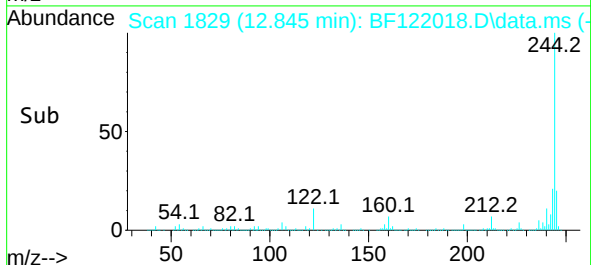
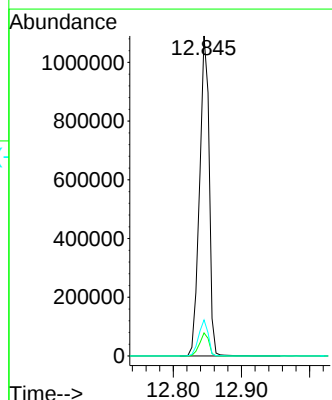
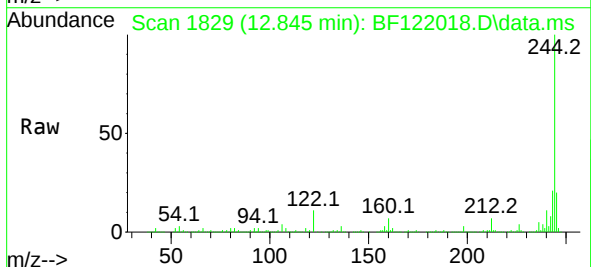
Instrument :
BNA_F
ClientSampleId :
OR-03-101520

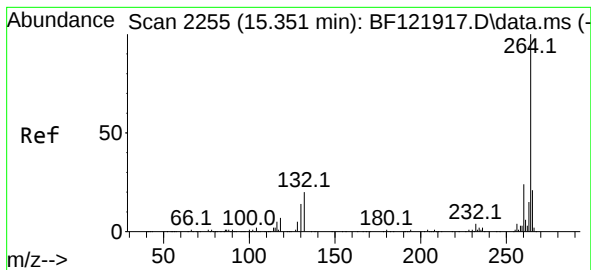
Tgt Ion:240 Resp: 242537
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 83.64 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

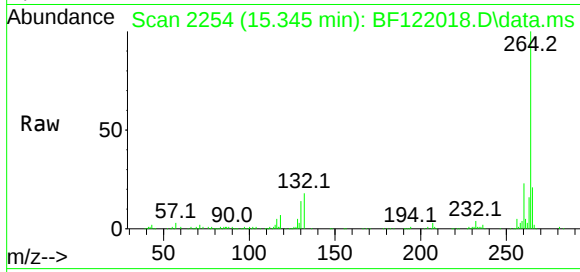
Tgt Ion:244 Resp: 1064460
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.3 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BF122018.D
Acq: 16 Oct 2020 18:51

Instrument :
BNA_F
ClientSampleId :
OR-03-101520



Tgt Ion:264 Resp: 253291

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	17.3	25.9

