

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122128.D
 Acq On : 26 Oct 2020 21:44
 Operator : JU/CG
 Sample : L4500-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11935

Quant Time: Oct 27 00:56:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

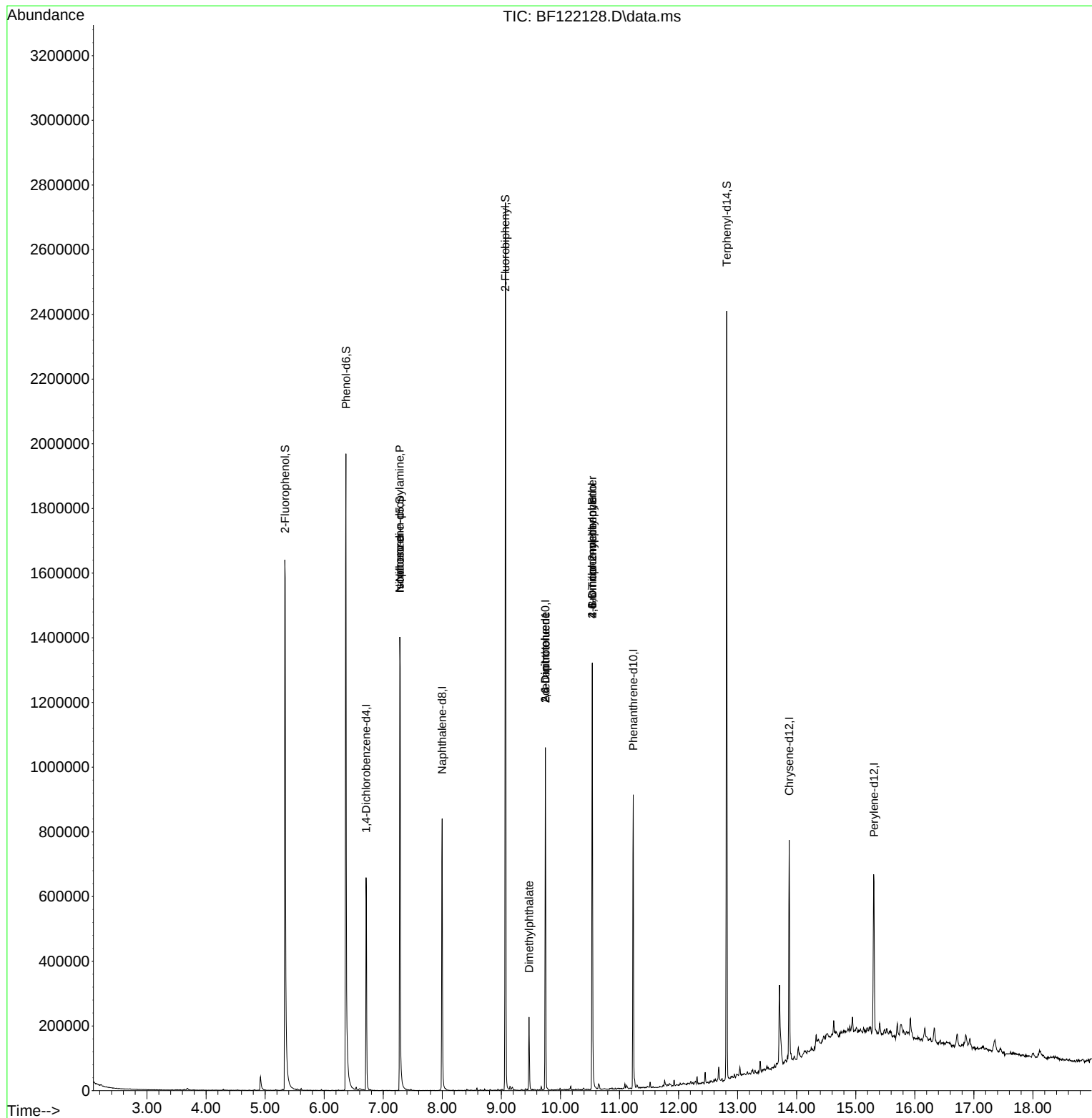
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99449	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	392358	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	191494	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	323598	20.00	ng	0.00
76) Chrysene-d12	13.874	240	223945	20.00	ng	0.00
86) Perylene-d12	15.310	264	219221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	558191	82.84	ng	0.00
7) Phenol-d6	6.369	99	721942	83.23	ng	0.00
23) Nitrobenzene-d5	7.281	82	489647	64.00	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	157847	66.64	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	826332	63.49	ng	0.00
79) Terphenyl-d14	12.816	244	685999	58.38	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	1076	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	65606	13.28	ng	# 80
25) Isophorone	7.281	82	489643	33.85	ng	# 67
50) Dimethylphthalate	9.469	163	81721	5.84	ng	100
51) 2,6-Dinitrotoluene	9.745	165	24526	7.98	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	24526	6.49	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	153	4.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	9540	2.55	ng	# 1

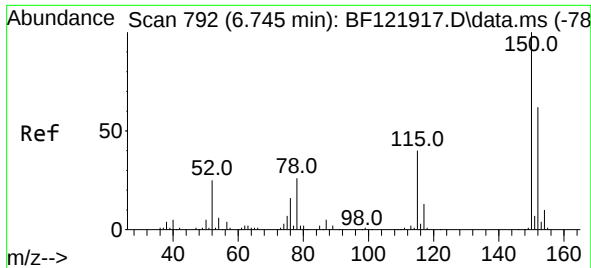
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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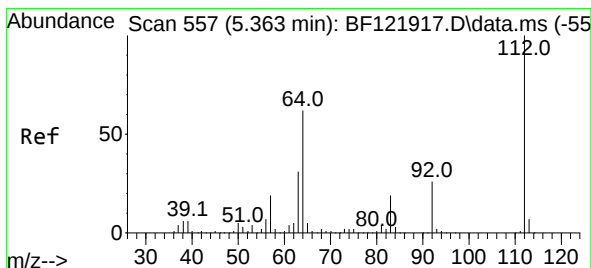
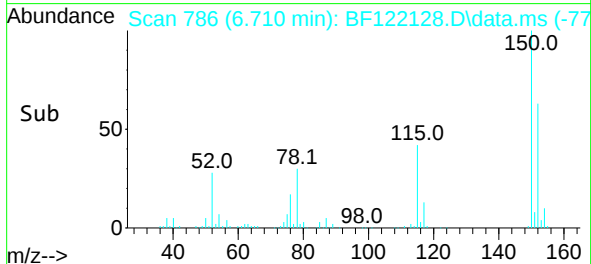
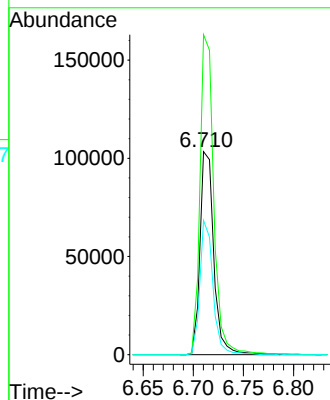
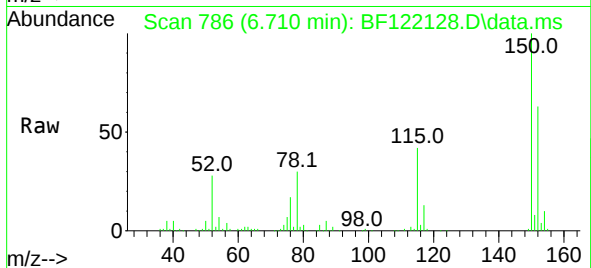




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

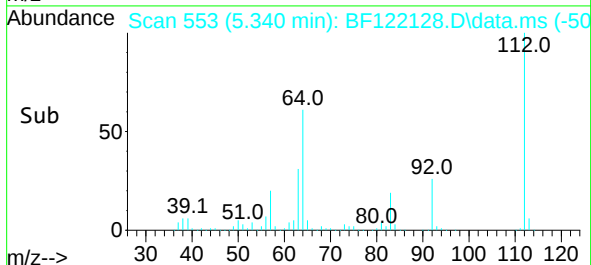
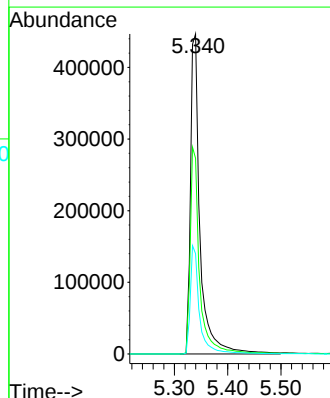
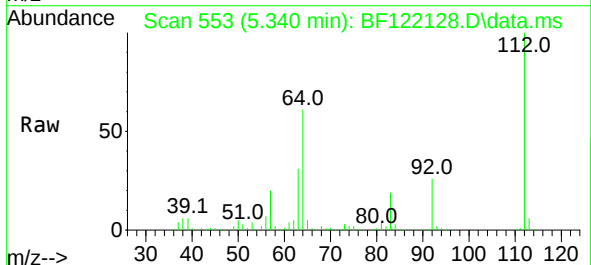
Instrument :
BNA_F
ClientSampleId :
11935

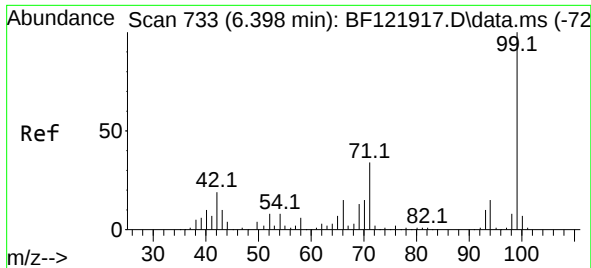
Tgt Ion:152 Resp: 99449
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 66.1 51.9 77.9



#5
2-Fluorophenol
Concen: 82.84 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:112 Resp: 558191
Ion Ratio Lower Upper
112 100
64 61.2 50.4 75.6
63 31.4 25.8 38.6

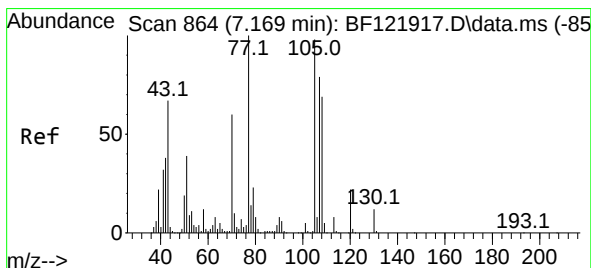
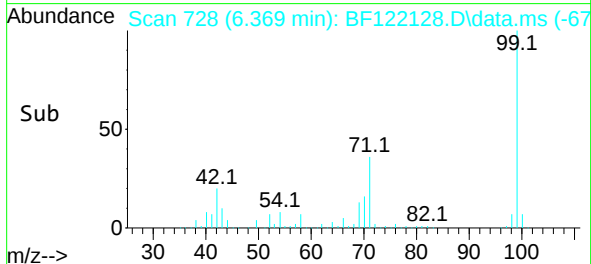
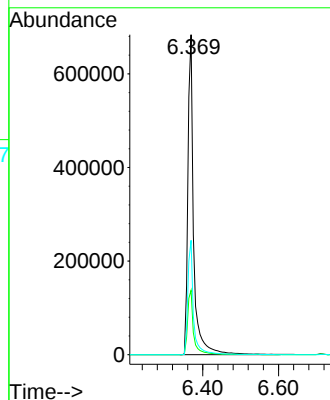
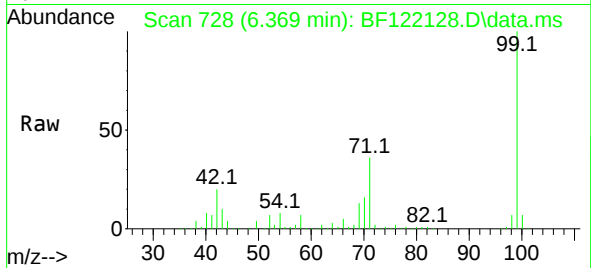




#7
Phenol-d6
Concen: 83.23 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

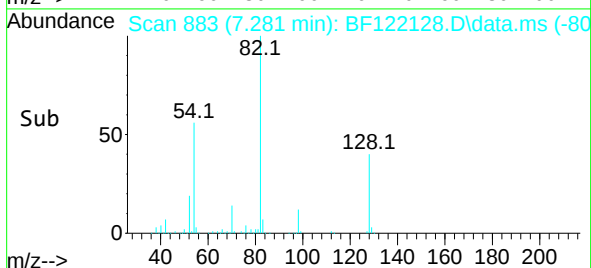
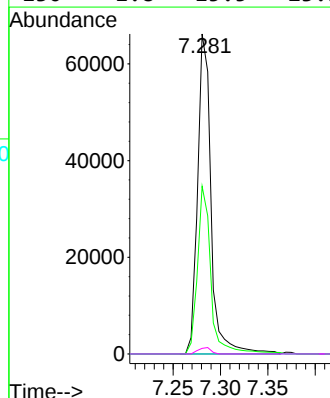
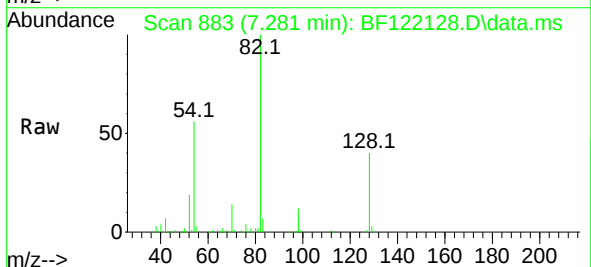
Instrument :
BNA_F
ClientSampleId :
11935

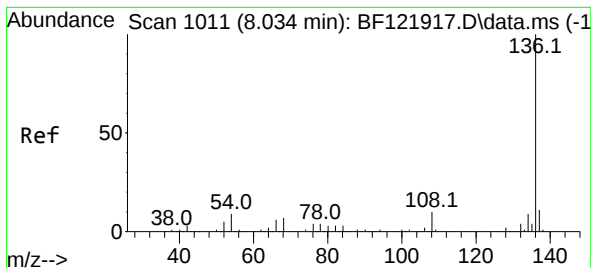
Tgt Ion: 99 Resp: 721942
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion: 70 Resp: 65606
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

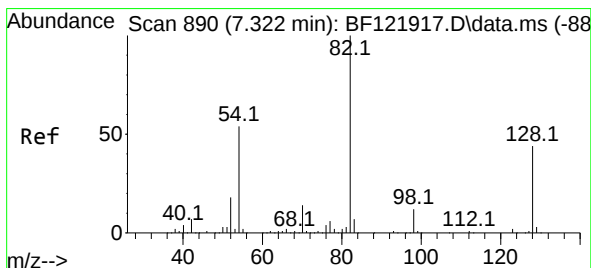
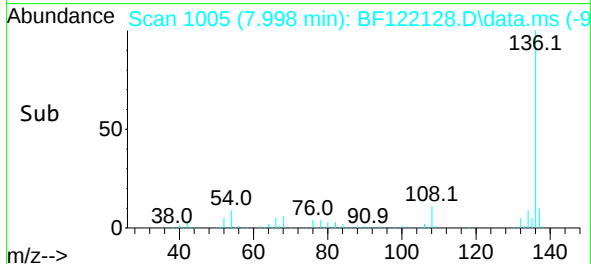
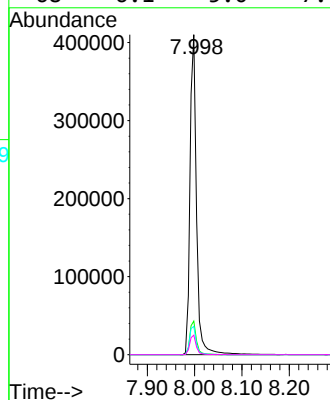
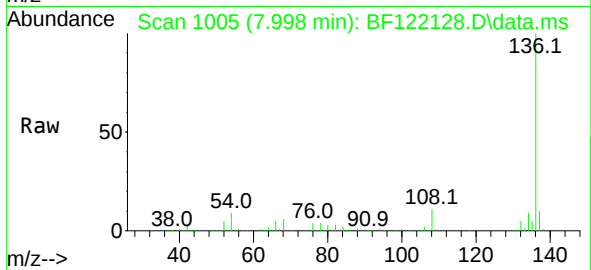




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

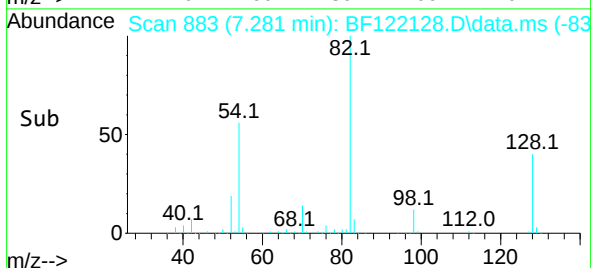
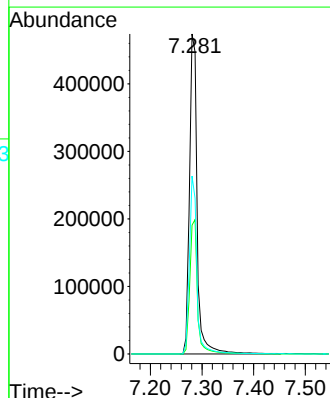
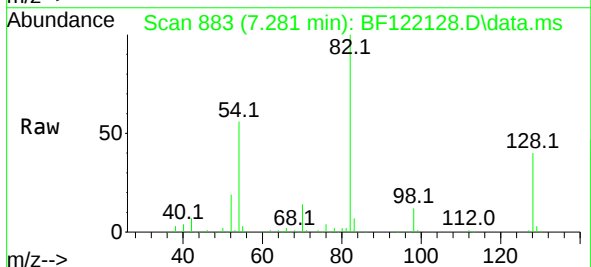
Instrument :
BNA_F
ClientSampleId :
11935

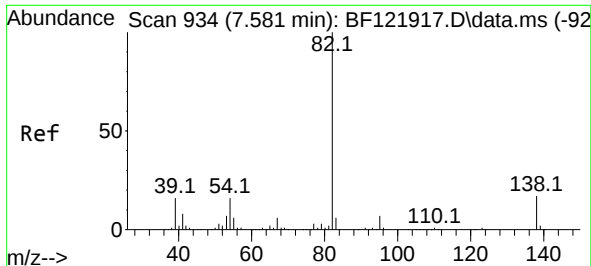
Tgt Ion:136 Resp: 392358
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.00 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion: 82 Resp: 489647
Ion Ratio Lower Upper
82 100
128 40.3 35.0 52.4
54 55.6 43.9 65.9

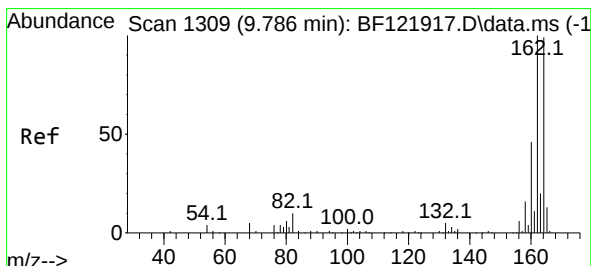
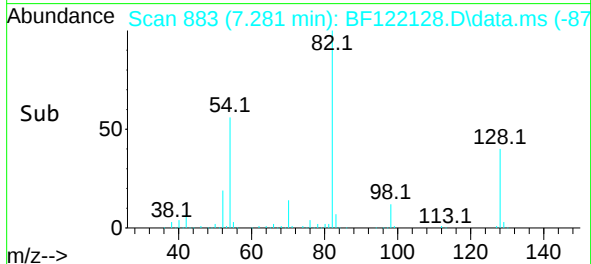
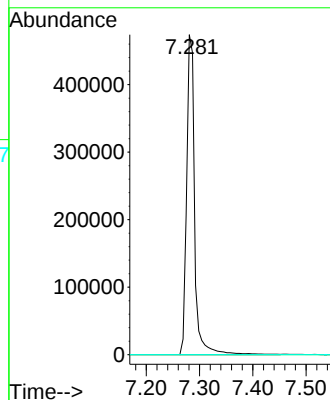
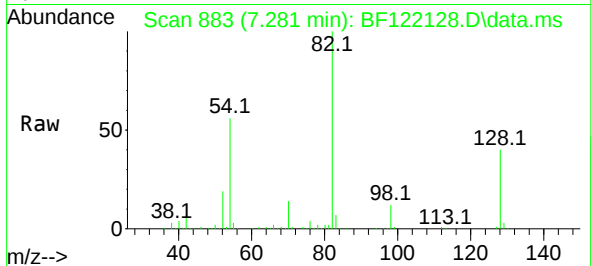




#25
Isophorone
Concen: 33.85 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

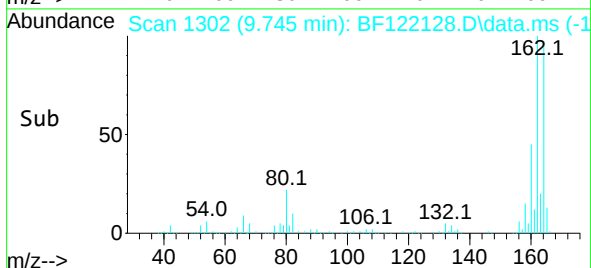
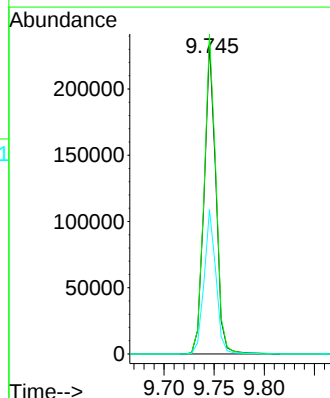
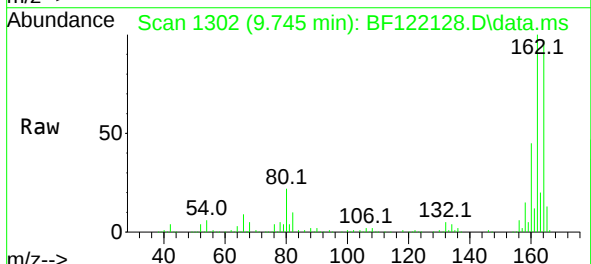
Instrument :
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ClientSampleId :
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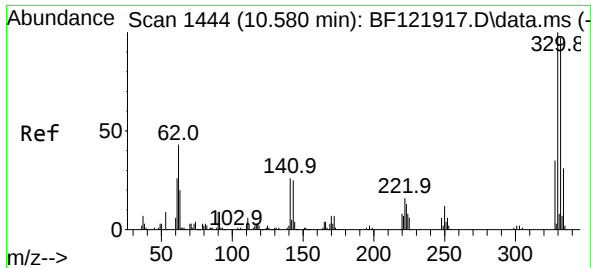
Tgt Ion: 82 Resp: 489643
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:164 Resp: 191494
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 46.4 37.5 56.3

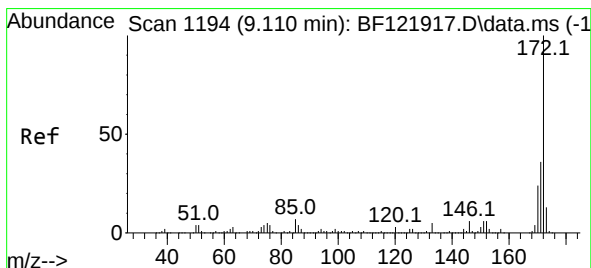
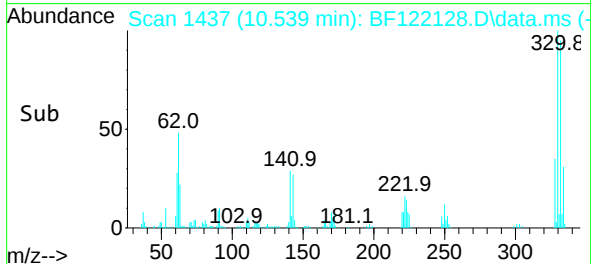
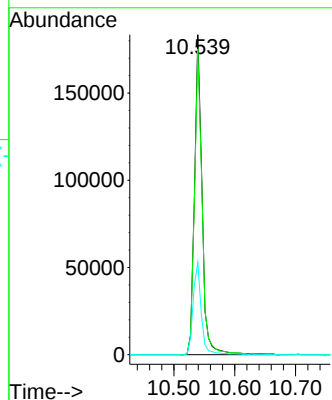
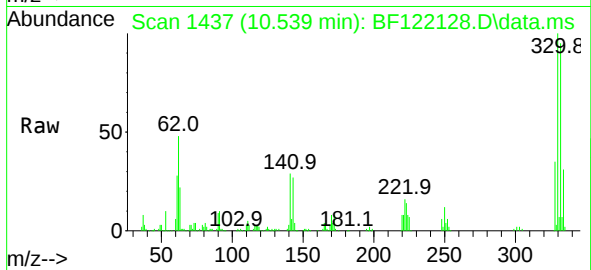




#42
2,4,6-Tribromophenol
Concen: 66.64 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

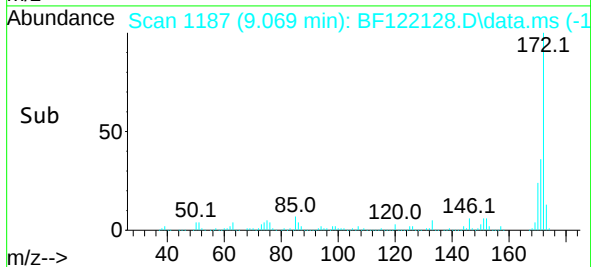
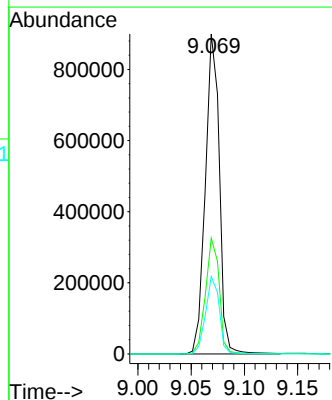
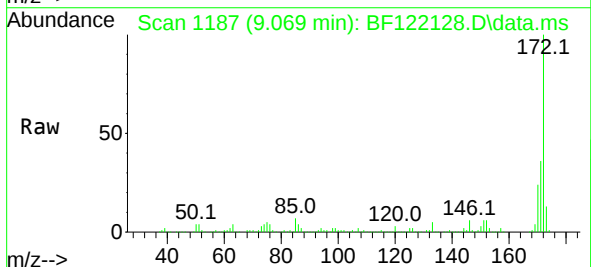
Instrument :
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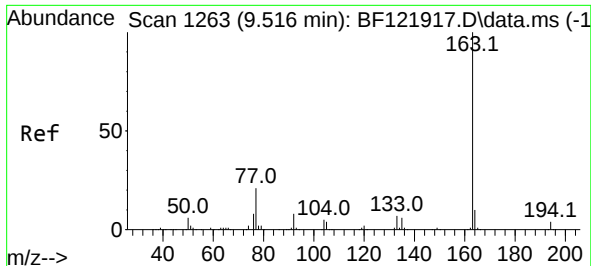
Tgt Ion:330 Resp: 157847
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 63.49 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:172 Resp: 826332
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.8 29.6

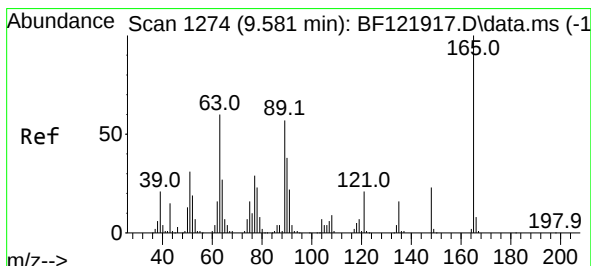
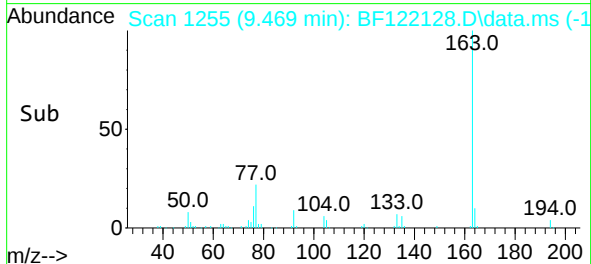
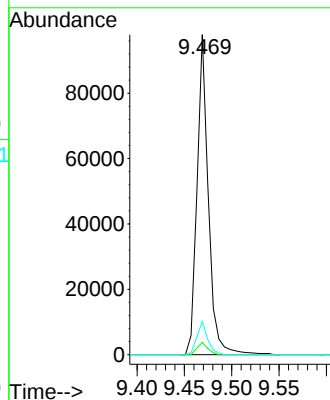
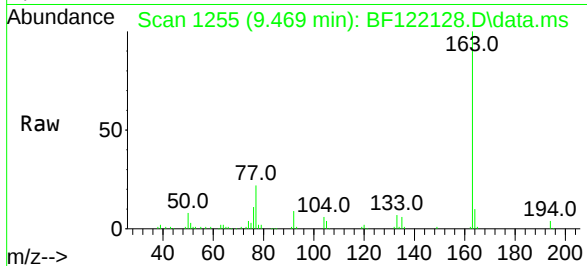




#50
Dimethylphthalate
Concen: 5.84 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

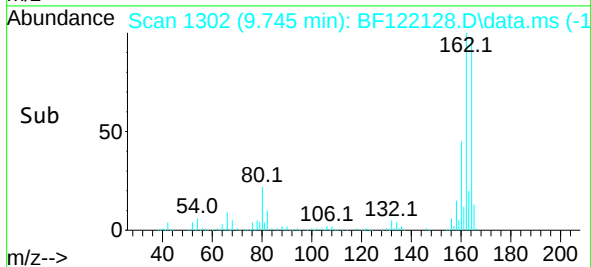
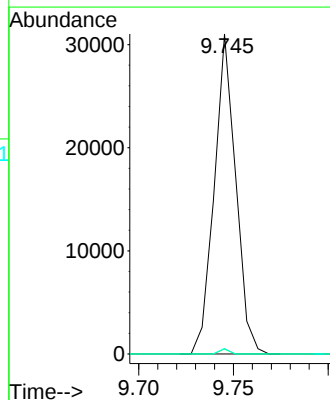
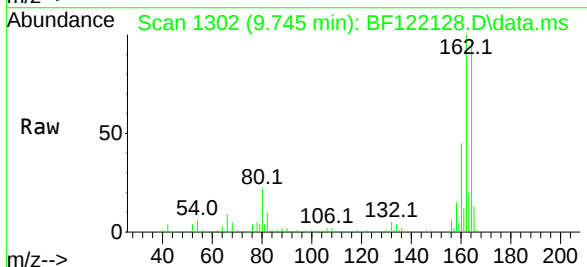
Instrument :
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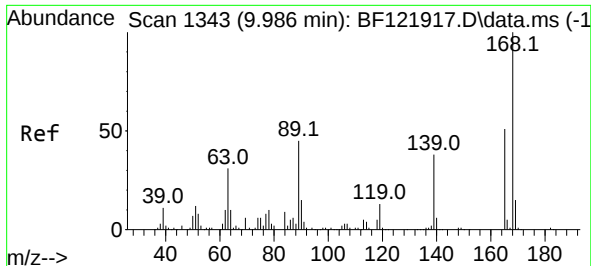
Tgt Ion:163 Resp: 81721
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:165 Resp: 24526
Ion Ratio Lower Upper
165 100
63 1.6 51.8 77.6#
89 1.7 49.0 73.6#

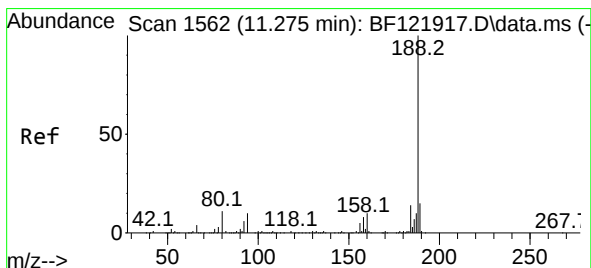
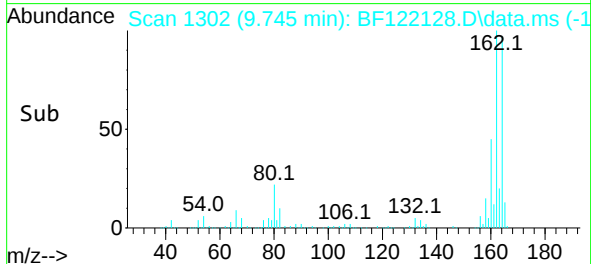
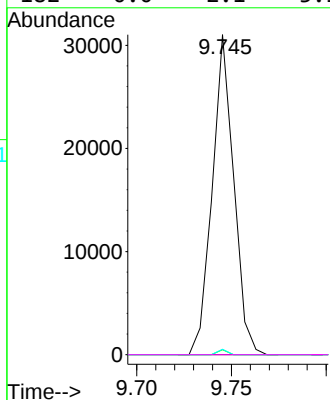
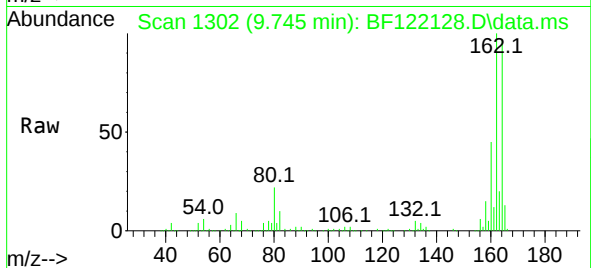




#57
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

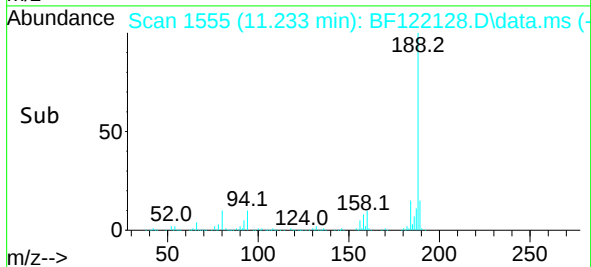
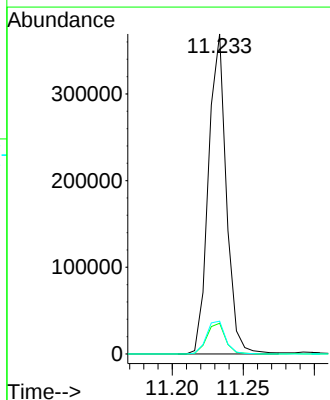
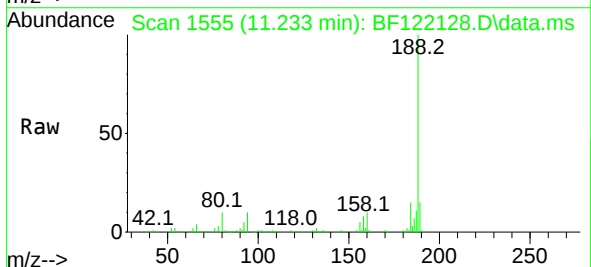
Instrument :
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ClientSampleId :
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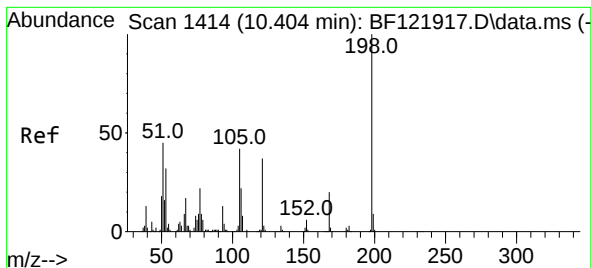
Tgt Ion:	165	Resp:	24526
Ion Ratio	Lower	Upper	
165	100		
63	1.6	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:	188	Resp:	323598
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.3	12.5
80	10.3	9.1	13.7

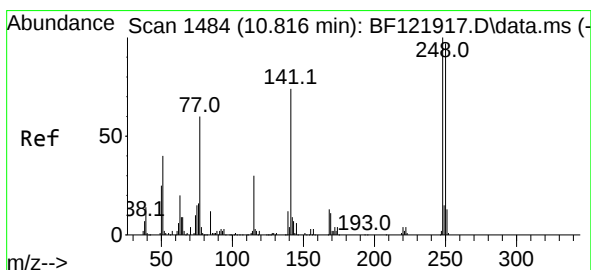
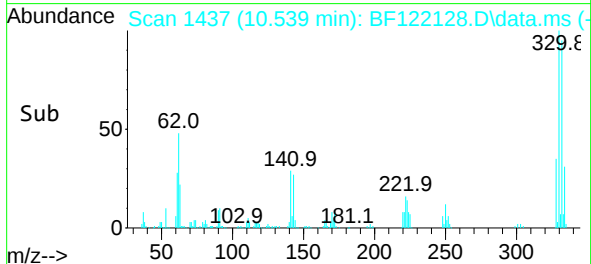
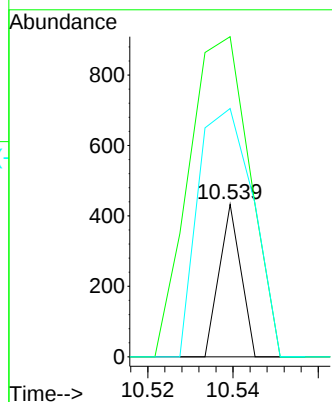
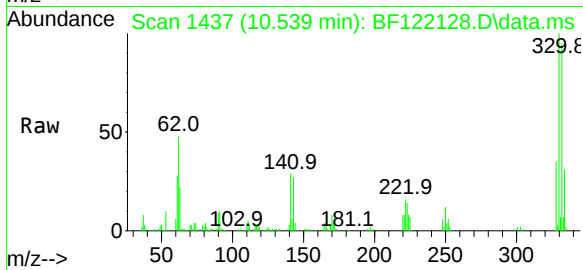




#65
4,6-Dinitro-2-methylphenol
Concen: 4.50 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

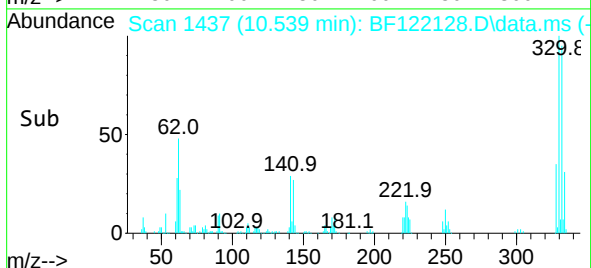
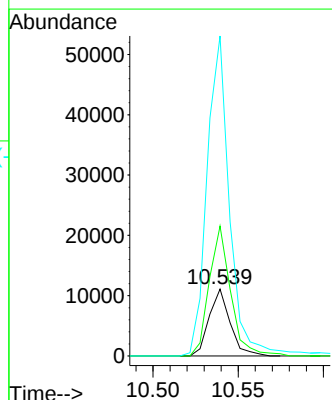
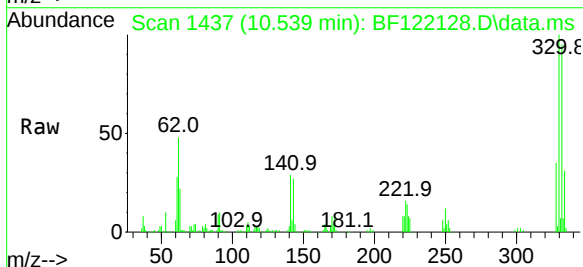
Instrument :
BNA_F
ClientSampled :
11935

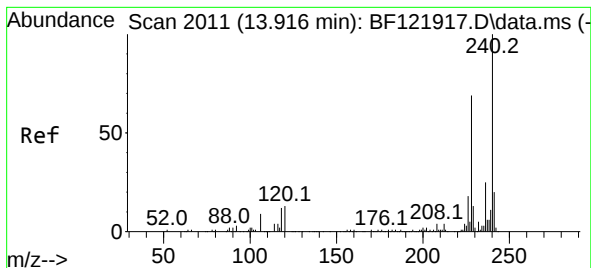
Tgt Ion:198 Resp: 153
Ion Ratio Lower Upper
198 100
51 209.9 29.6 69.6#
105 162.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.55 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

Tgt Ion:248 Resp: 9540
Ion Ratio Lower Upper
248 100
250 194.1 77.0 115.6#
141 477.9 53.7 80.5#

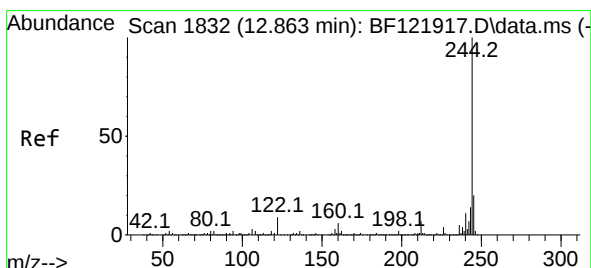
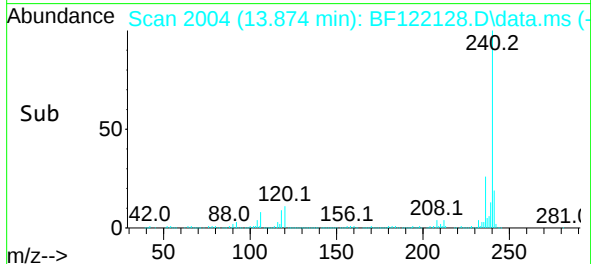
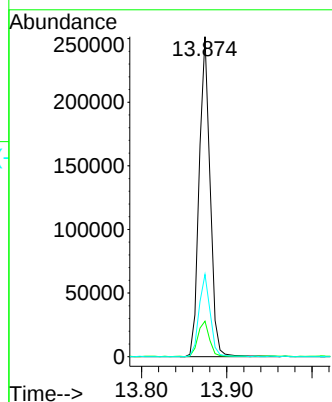
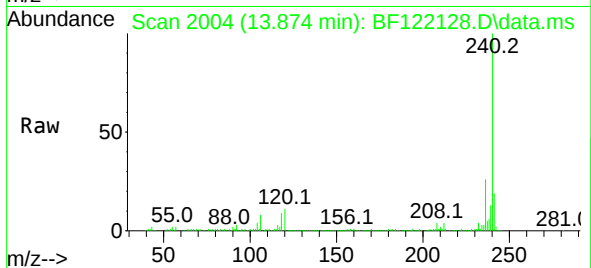




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

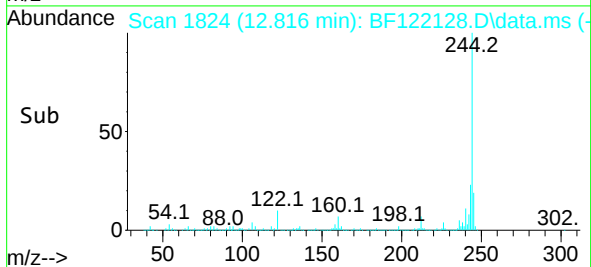
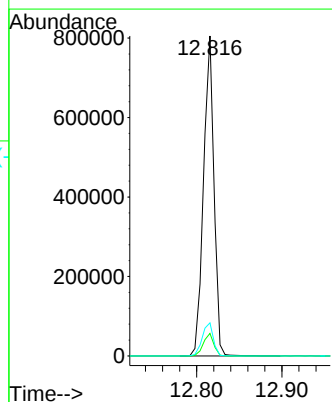
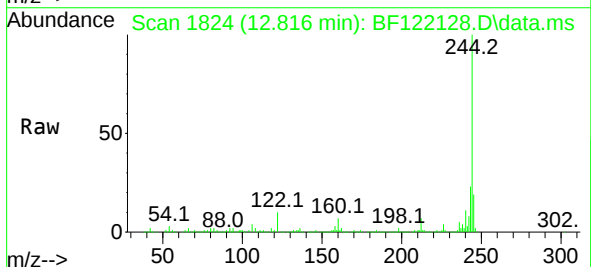
Instrument :
BNA_F
ClientSampleId :
11935

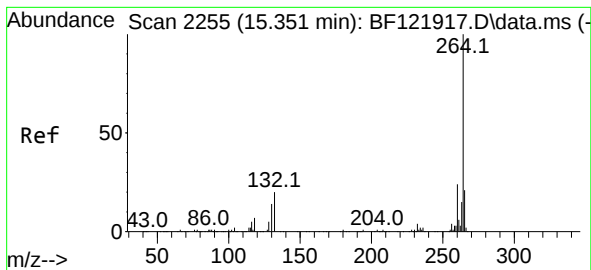
Tgt Ion:240 Resp: 223945
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 58.38 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122128.D
Acq: 26 Oct 2020 21:44

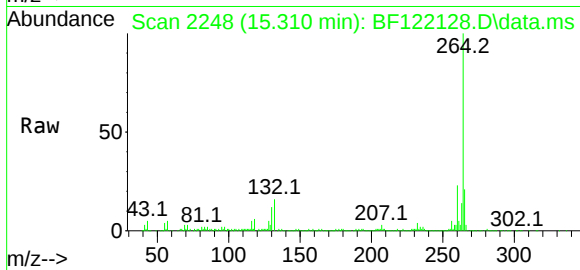
Tgt Ion:244 Resp: 685999
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF122128.D
 Acq: 26 Oct 2020 21:44

Instrument :
 BNA_F
 ClientSampleId :
 11935



Tgt Ion:264	Resp:	219221
Ion	Ratio	Lower Upper
264	100	
260	23.2	18.7 28.1
265	21.4	17.3 25.9

