

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122199.D
 Acq On : 31 Oct 2020 00:58
 Operator : JU/CG
 Sample : L4217-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

Quant Time: Oct 31 03:04:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

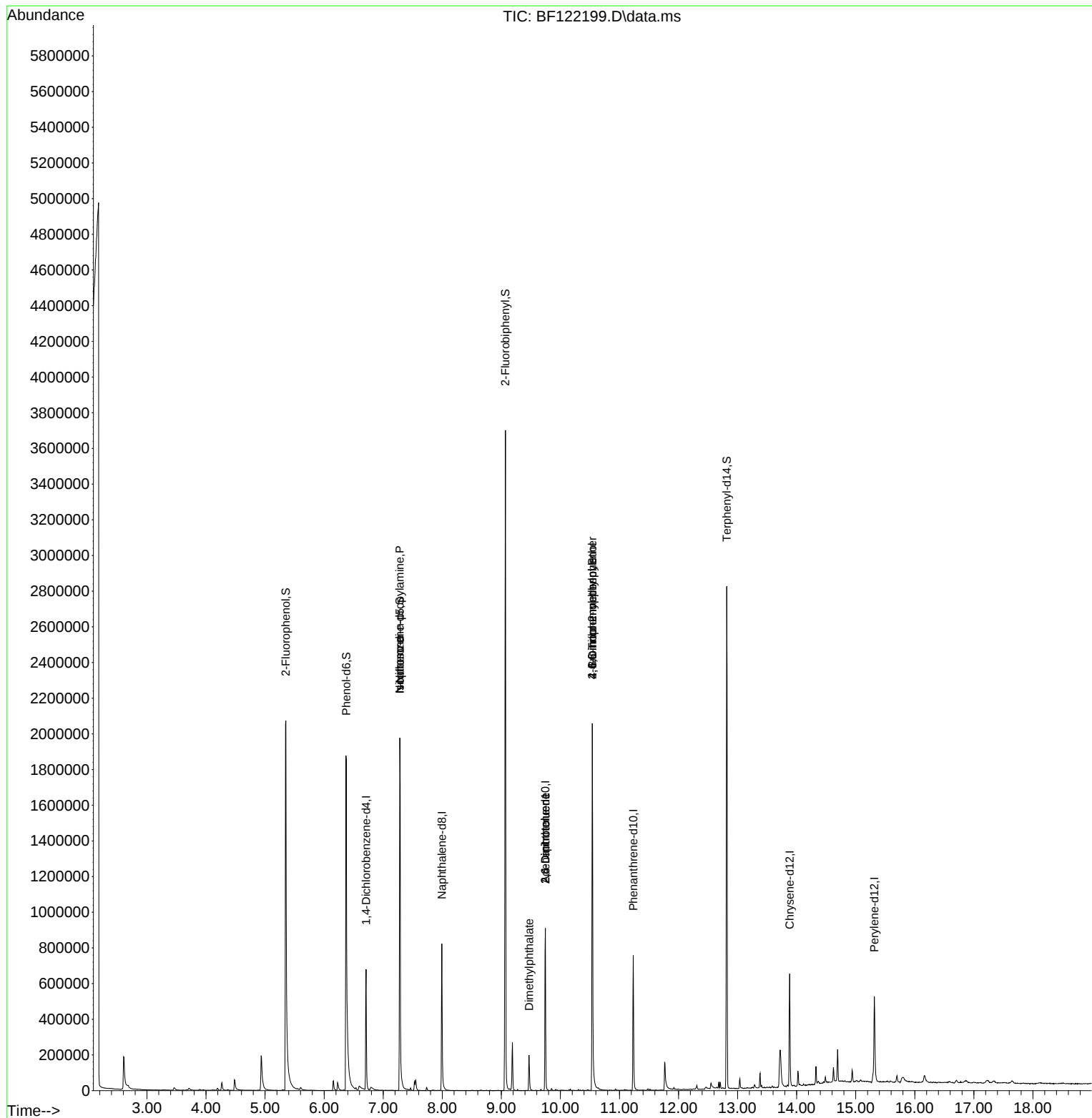
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	101450	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	393809	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	186893	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	291300	20.00	ng	0.00
76) Chrysene-d12	13.880	240	218040	20.00	ng	0.00
86) Perylene-d12	15.316	264	226968	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	803656	116.92	ng	0.02
7) Phenol-d6	6.375	99	924808	104.52	ng	0.00
23) Nitrobenzene-d5	7.281	82	716295	93.28	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	282704	122.28	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1179165	92.83	ng	0.00
79) Terphenyl-d14	12.816	244	919410	80.36	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	1318	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	97968	19.45	ng	# 81
25) Isophorone	7.281	82	716291	49.33	ng	# 67
50) Dimethylphthalate	9.469	163	84303	6.17	ng	99
51) 2,6-Dinitrotoluene	9.745	165	24002	8.01	ng	# 21
57) 2,4-Dinitrotoluene	9.745	165	24002	6.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.539	198	390	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	16468	4.89	ng	# 1

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

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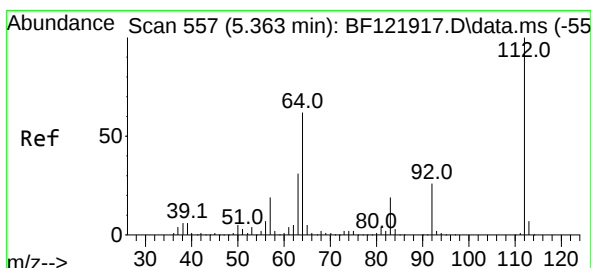
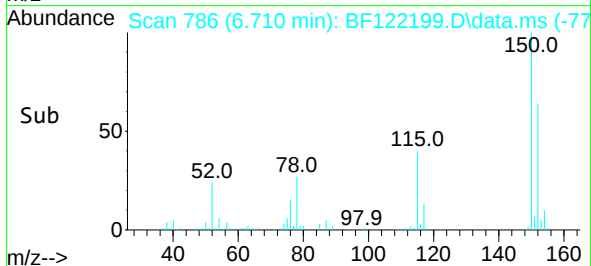
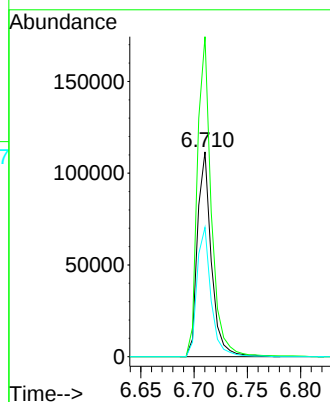
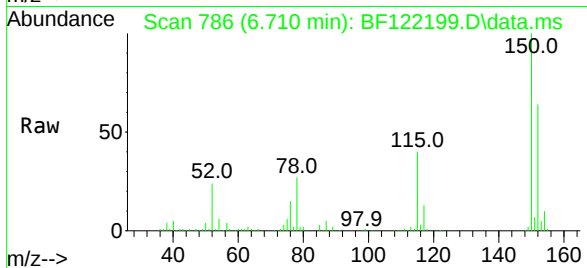




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

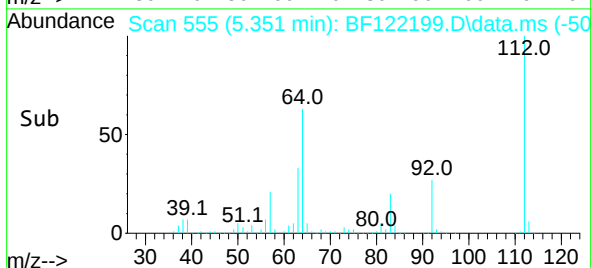
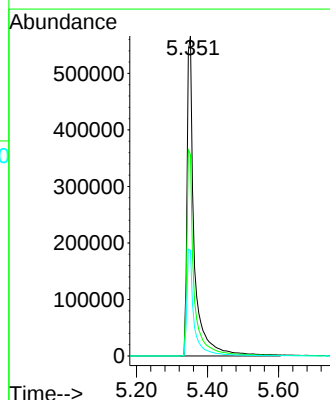
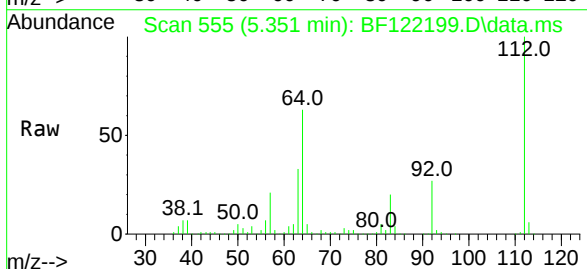
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

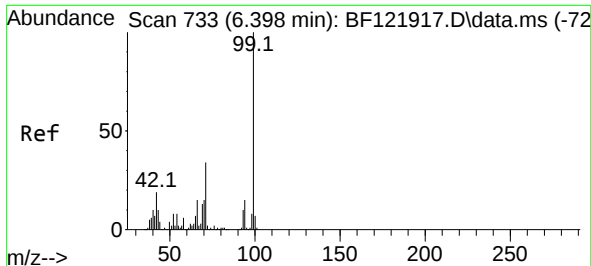
Tgt Ion:152 Resp: 101450
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 63.2 51.9 77.9



#5
2-Fluorophenol
Concen: 116.92 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion:112 Resp: 803656
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 33.0 25.8 38.6

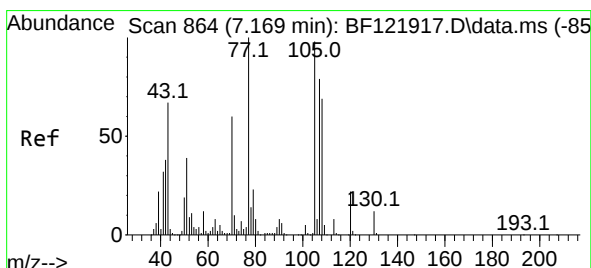
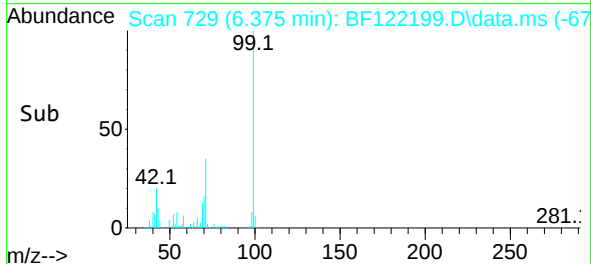
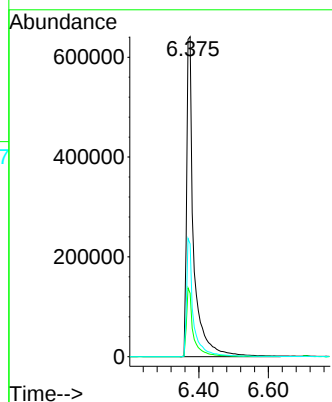
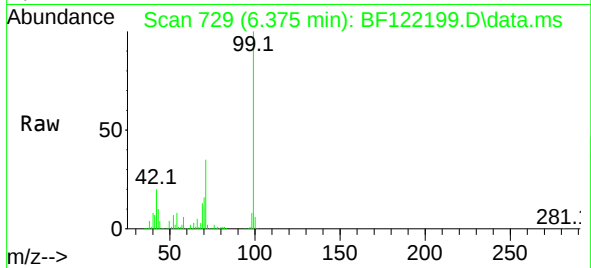




#7
Phenol-d6
Concen: 104.52 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

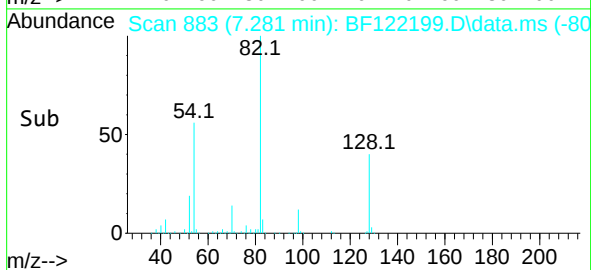
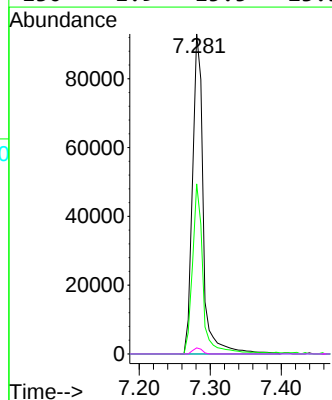
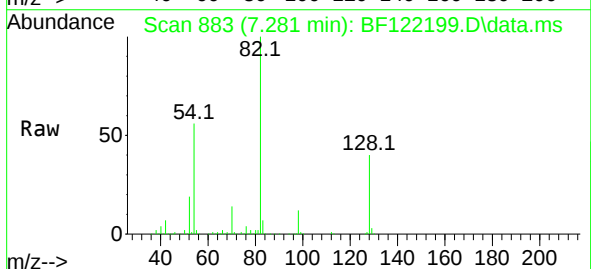
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

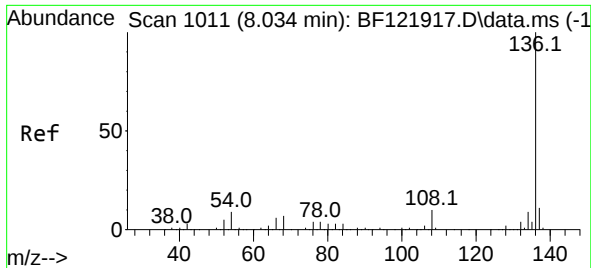
Tgt Ion: 99 Resp: 924808
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.45 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

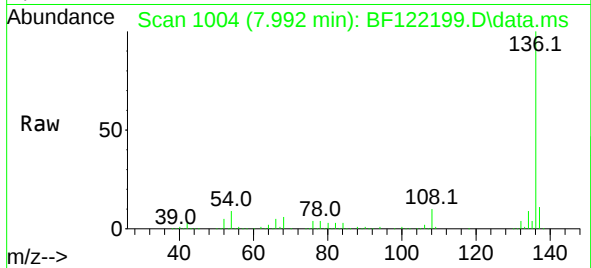
Tgt Ion: 70 Resp: 97968
Ion Ratio Lower Upper
70 100
42 53.1 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



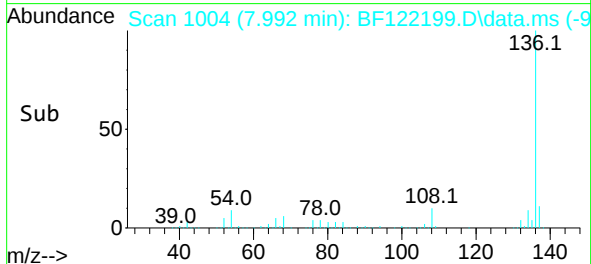
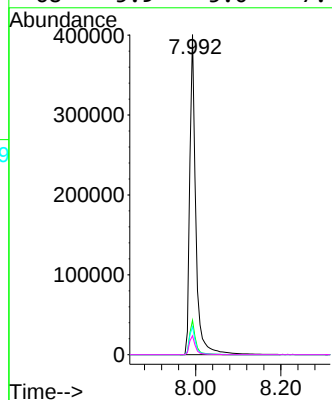


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Instrument :
BNA_F
ClientSampleId :
HR-01-102820

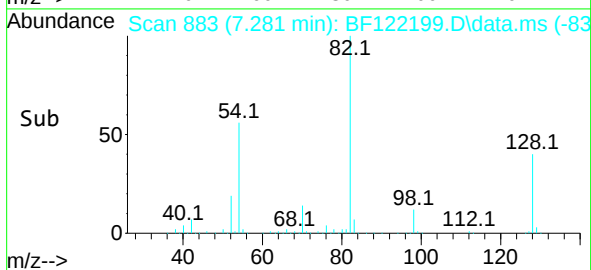
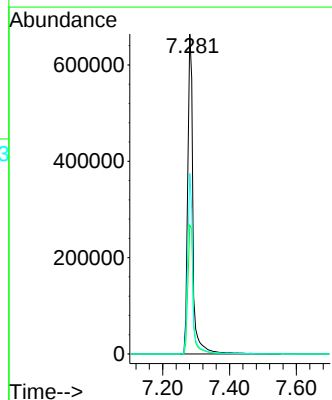
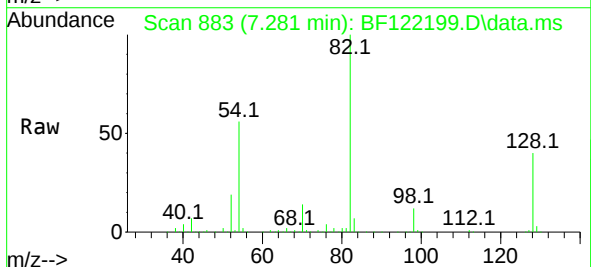


Tgt Ion:136 Resp: 393809
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.1 10.7
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 93.28 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion: 82 Resp: 716295
Ion Ratio Lower Upper
82 100
128 40.2 35.0 52.4
54 56.4 43.9 65.9

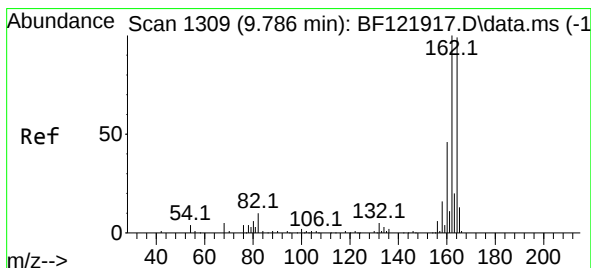
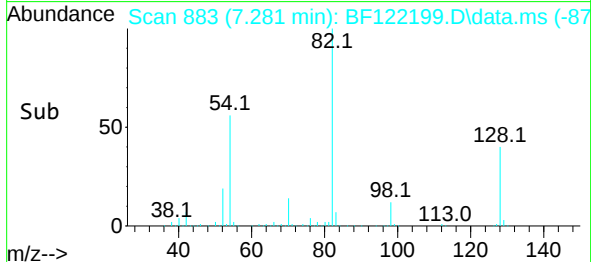
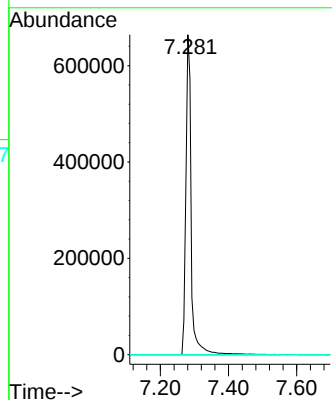
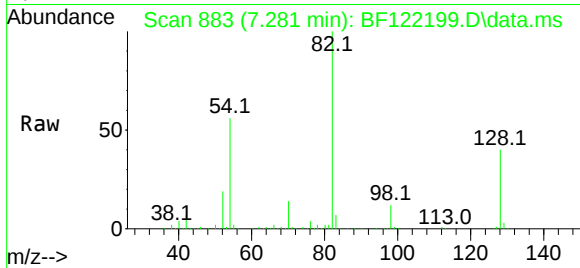




#25
Isophorone
Concen: 49.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

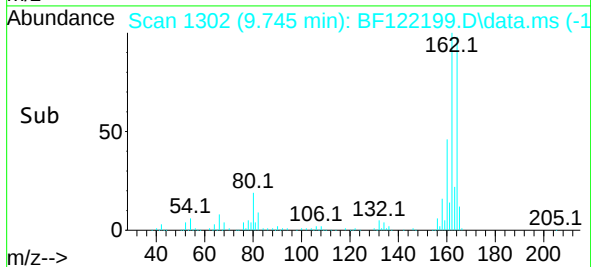
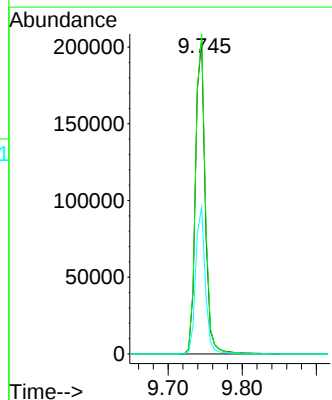
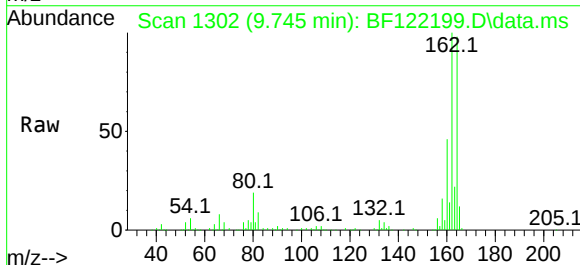
Instrument :
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HR-01-102820

Tgt Ion: 82 Resp: 716291
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: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion: 164 Resp: 186893
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 46.7 37.5 56.3

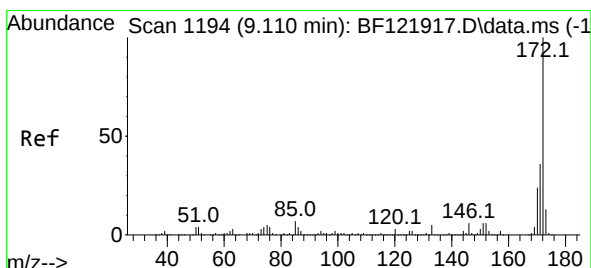
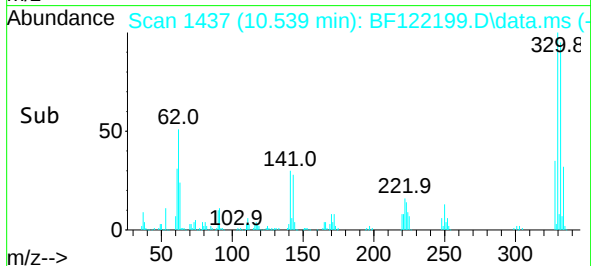
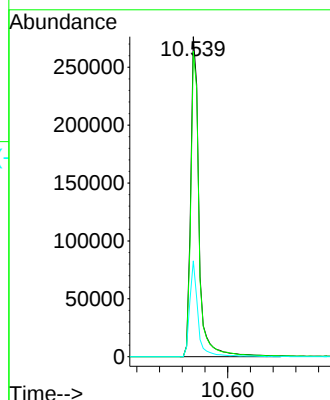
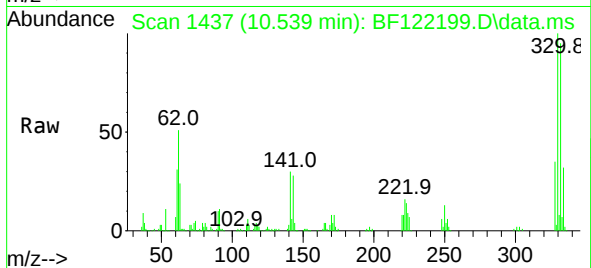




#42
2,4,6-Tribromophenol
Concen: 122.28 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

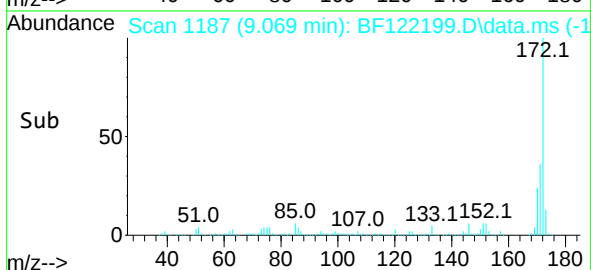
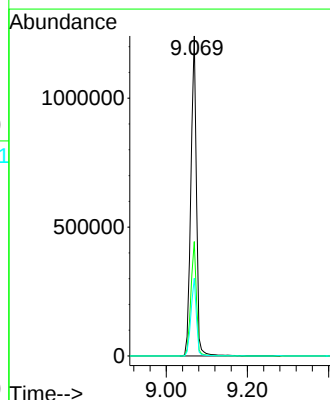
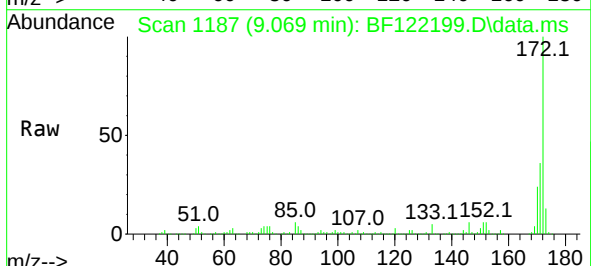
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

Tgt Ion: 330 Resp: 282704
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 92.83 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion: 172 Resp: 1179165
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.3 19.8 29.6

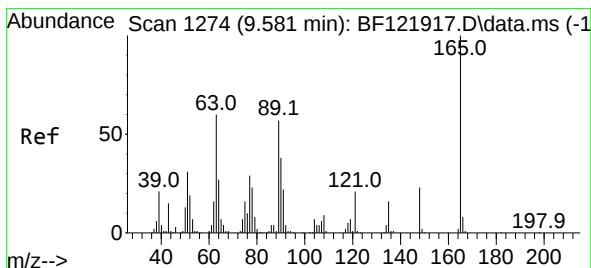
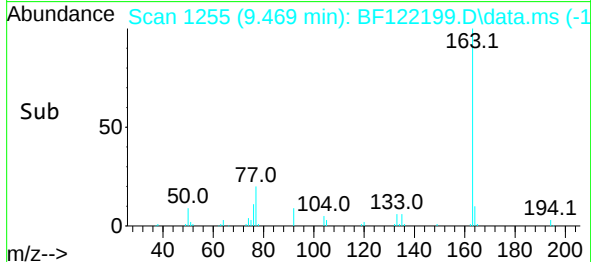
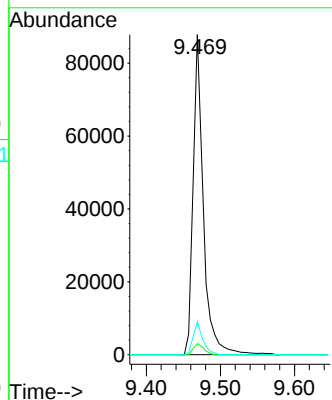
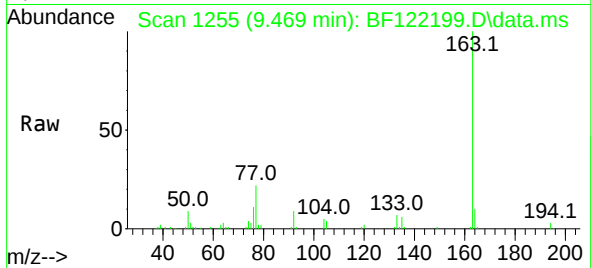




#50
Dimethylphthalate
Concen: 6.17 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

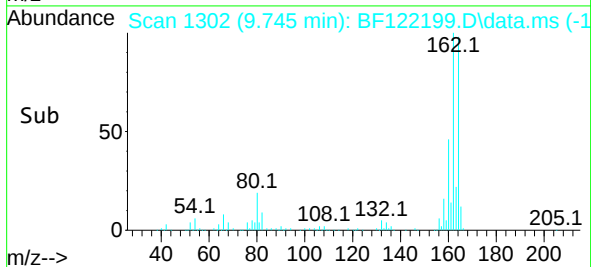
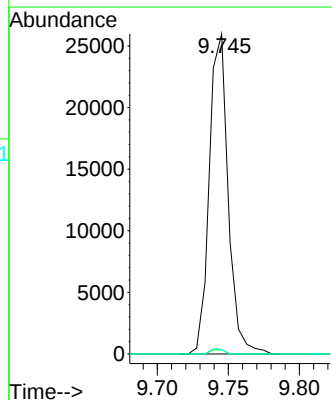
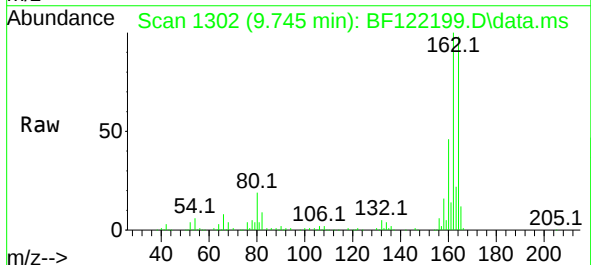
Instrument :
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ClientSampleId :
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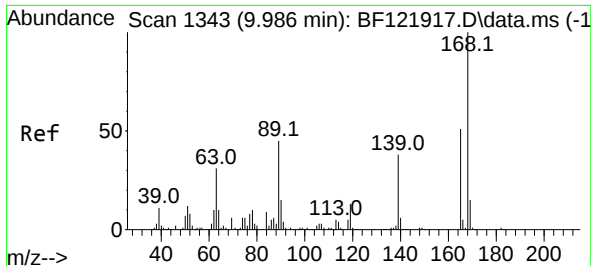
Tgt Ion:163 Resp: 84303
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

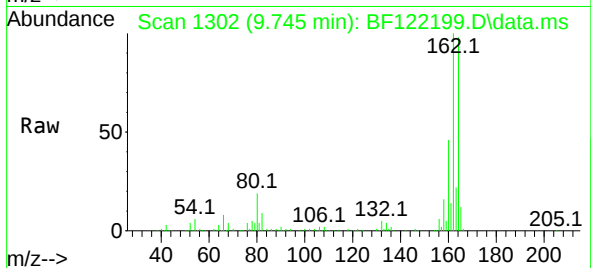
Tgt Ion:165 Resp: 24002
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.5 49.0 73.6#



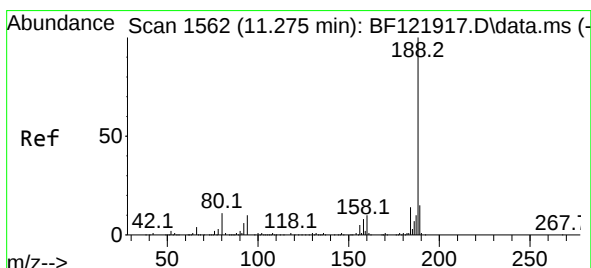
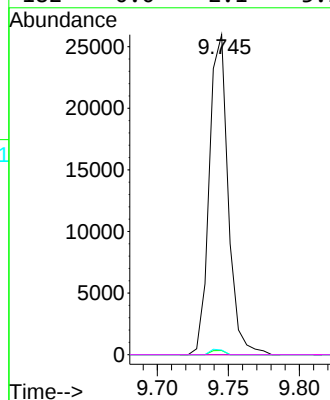
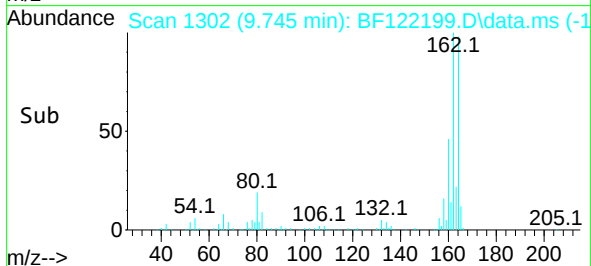


#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

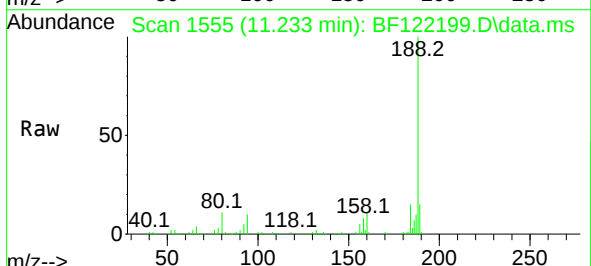
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BNA_F
ClientSampleId :
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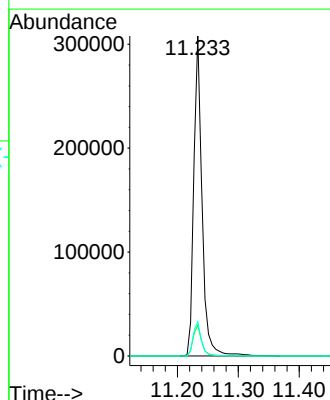
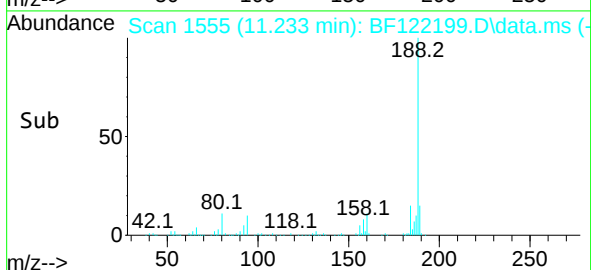
Tgt Ion:165 Resp: 24002
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#

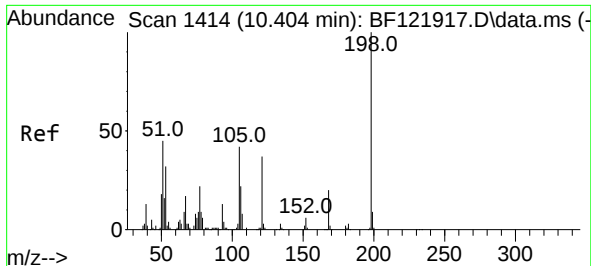


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58



Tgt Ion:188 Resp: 291300
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.8 9.1 13.7

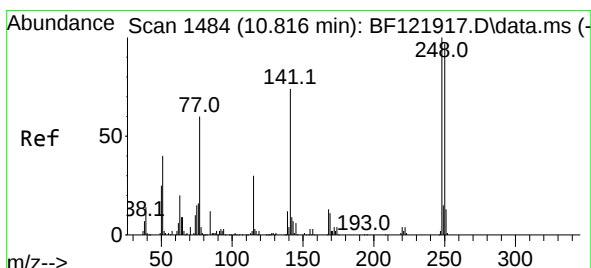
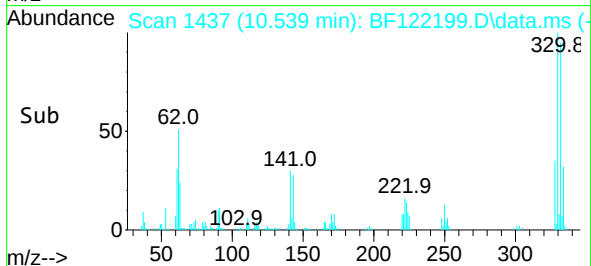
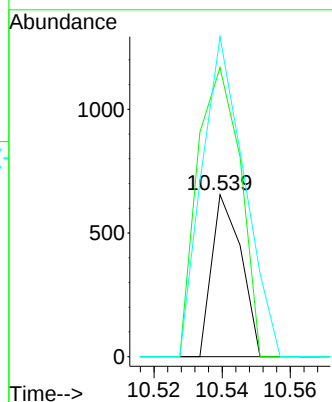
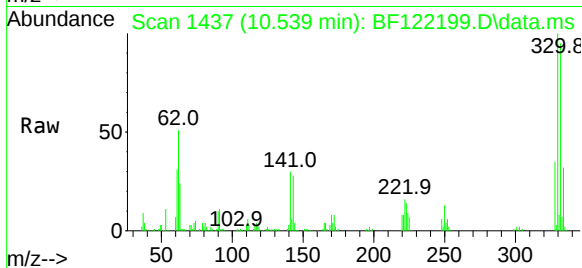




#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

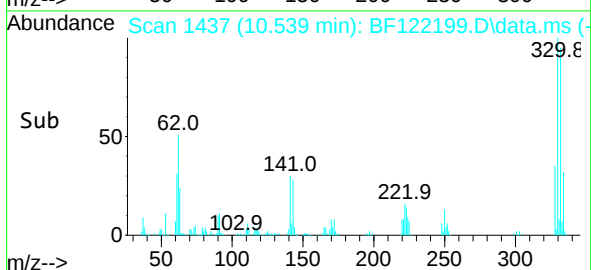
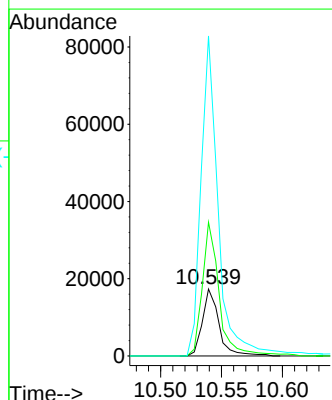
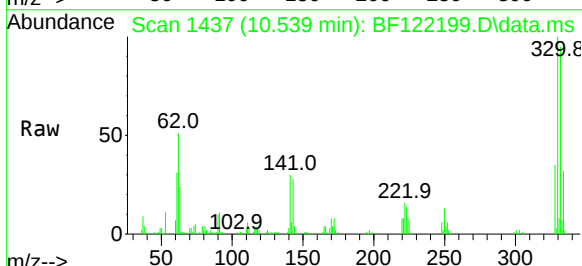
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

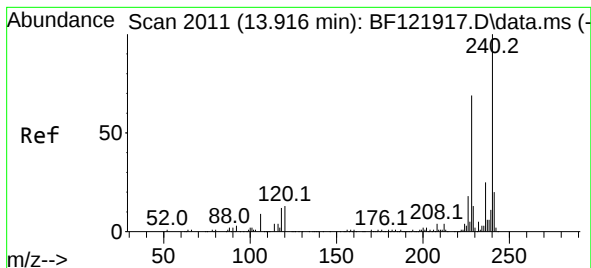
Tgt Ion:198 Resp: 390
Ion Ratio Lower Upper
198 100
51 178.5 29.6 69.6#
105 197.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion:248 Resp: 16468
Ion Ratio Lower Upper
248 100
250 200.0 77.0 115.6#
141 478.6 53.7 80.5#

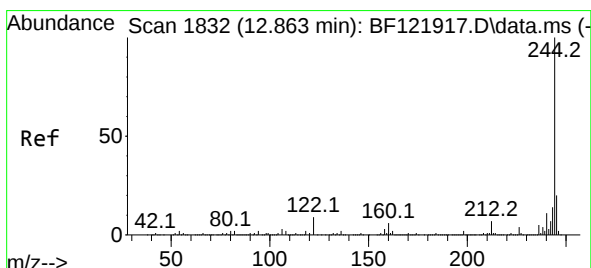
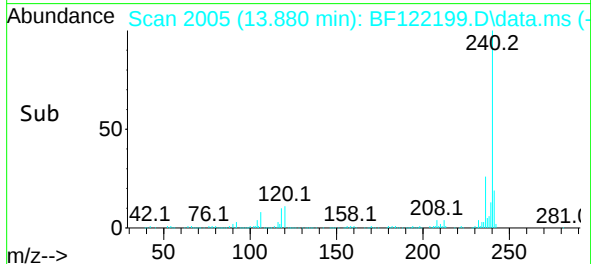
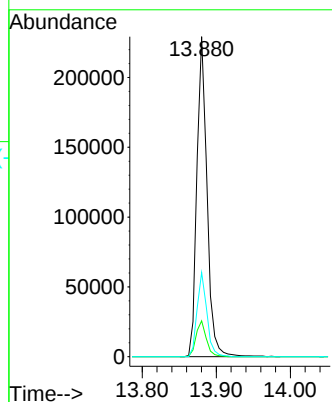
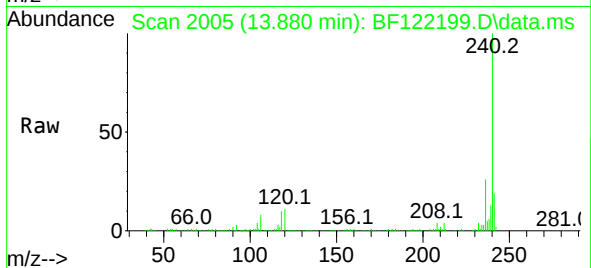




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

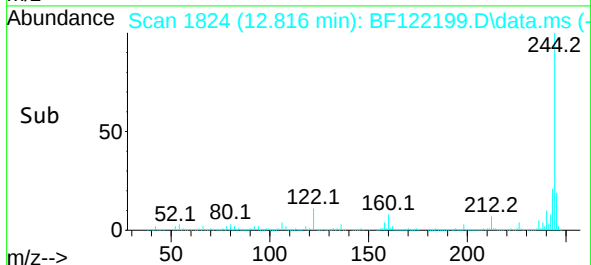
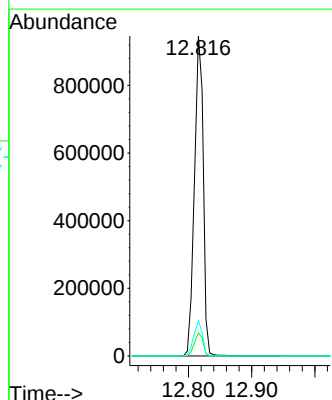
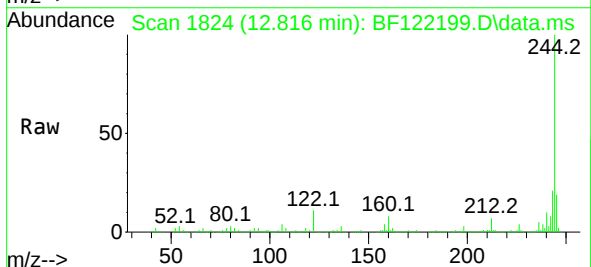
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

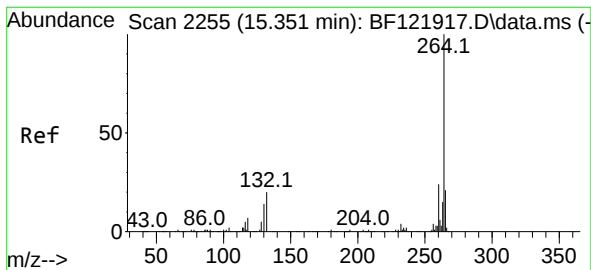
Tgt Ion:240 Resp: 218040
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 80.36 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122199.D
Acq: 31 Oct 2020 00:58

Tgt Ion:244 Resp: 919410
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.9 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.316 min Scan# 2249
 Delta R.T. 0.012 min
 Lab File: BF122199.D
 Acq: 31 Oct 2020 00:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

Tgt Ion:264 Resp: 226968
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.1 17.3 25.9

