

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122204.D
 Acq On : 31 Oct 2020 3:32
 Operator : JU/CG
 Sample : L4217-07 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

Quant Time: Oct 31 05:10:47 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)

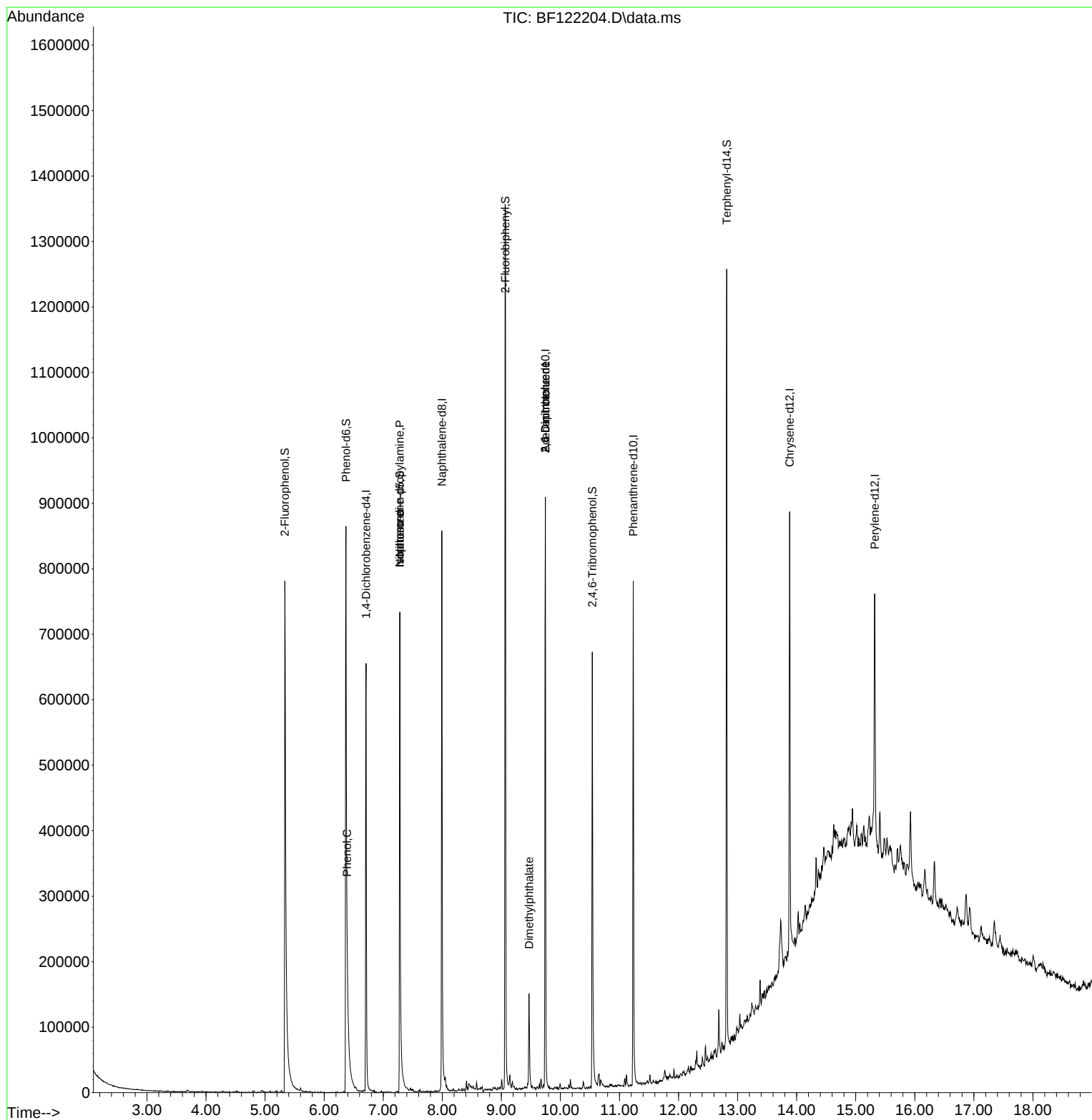
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	103077	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	394402	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	176200	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	271247	20.00	ng	0.00
76) Chrysene-d12	13.880	240	228613	20.00	ng	0.00
86) Perylene-d12	15.321	264	192848	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	353378	50.60	ng	0.00
7) Phenol-d6	6.369	99	451230	50.19	ng	0.00
23) Nitrobenzene-d5	7.281	82	277097	36.03	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	88175	40.45	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	456350	38.11	ng	0.00
79) Terphenyl-d14	12.816	244	338285	28.20	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	662	Below Cal	#	3
10) Phenol	6.387	94	22335	2.41 ng	#	78
19) n-Nitroso-di-n-propyla...	7.281	70	36382	7.11 ng	#	83
25) Isophorone	7.281	82	277097	19.06 ng	#	67
50) Dimethylphthalate	9.469	163	58803	4.56 ng		100
51) 2,6-Dinitrotoluene	9.745	165	22825	8.08 ng	#	21
57) 2,4-Dinitrotoluene	9.745	165	22825	6.56 ng	#	20

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

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QLast Update : Fri Oct 30 10:16:54 2020
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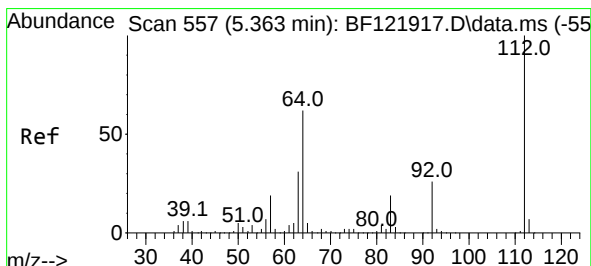
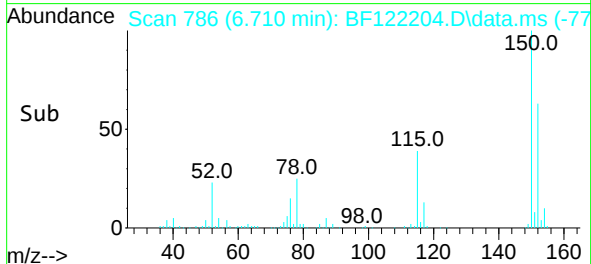
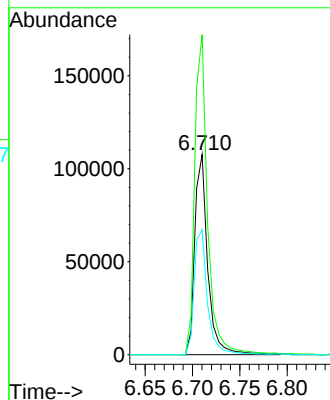
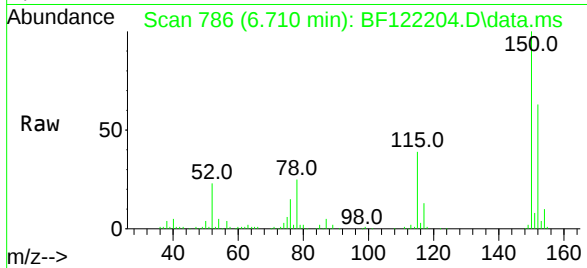




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.710 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32

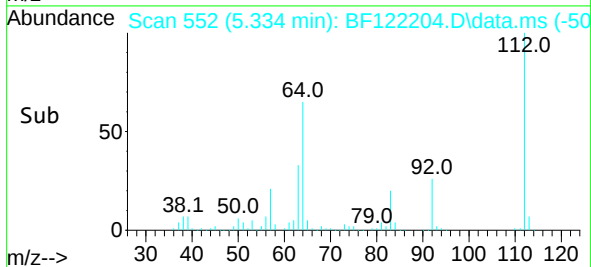
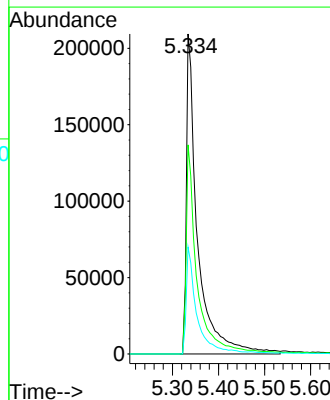
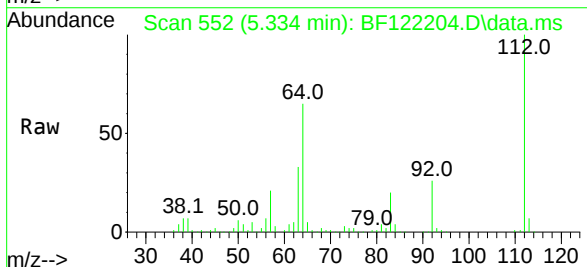
Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

Tgt Ion:152 Resp: 103077
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.3 187.9
 115 62.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 50.60 ng
 RT: 5.334 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32

Tgt Ion:112 Resp: 353378
 Ion Ratio Lower Upper
 112 100
 64 65.3 50.4 75.6
 63 33.4 25.8 38.6

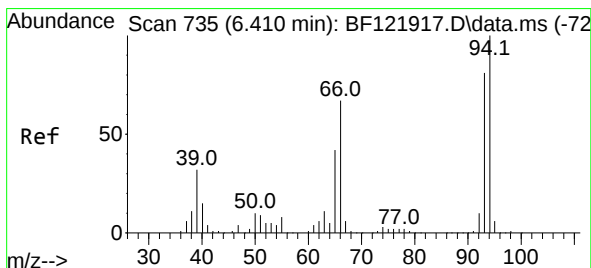
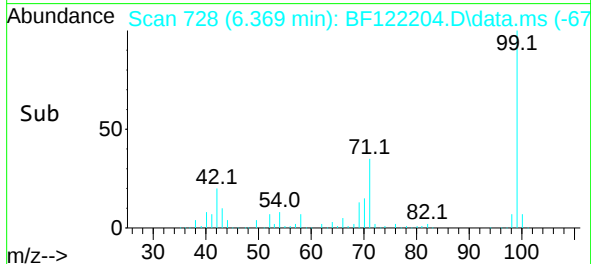
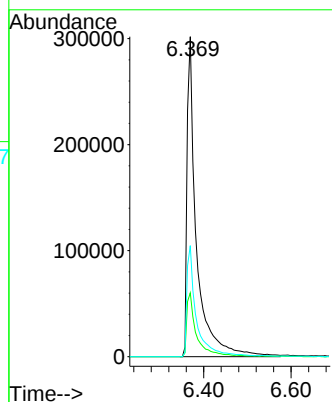
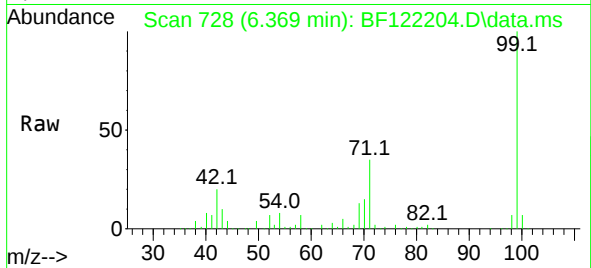




#7
Phenol-d6
Concen: 50.19 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

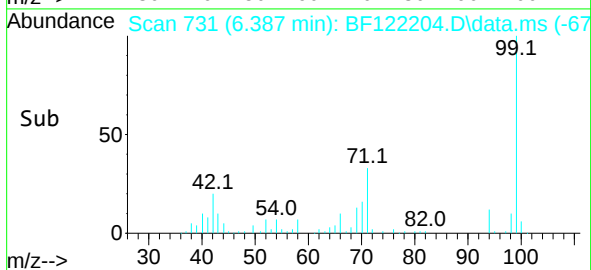
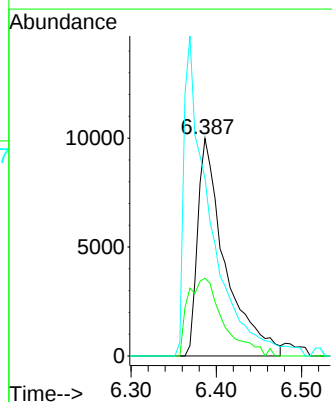
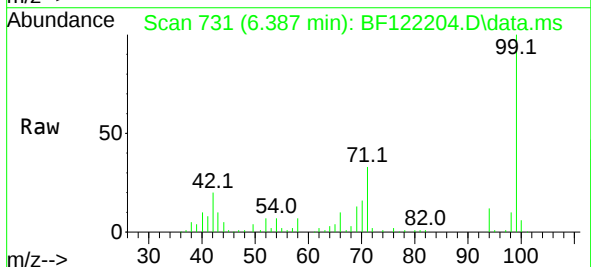
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

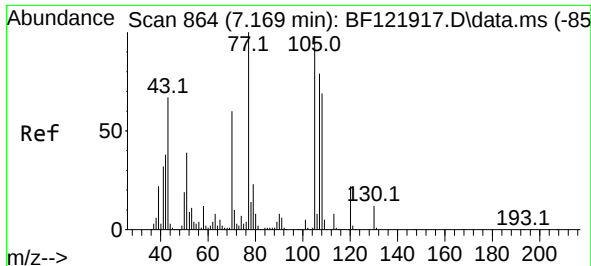
Tgt Ion: 99 Resp: 451230
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.7 27.1 40.7



#10
Phenol
Concen: 2.41 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion: 94 Resp: 22335
Ion Ratio Lower Upper
94 100
65 35.8 17.1 57.1
66 81.7 36.0 76.0#

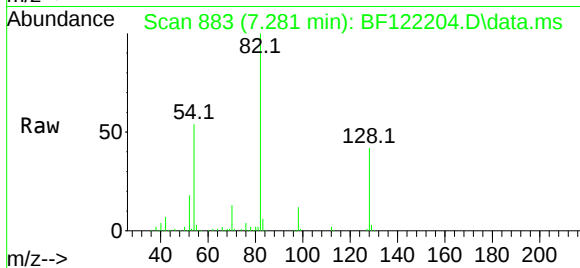




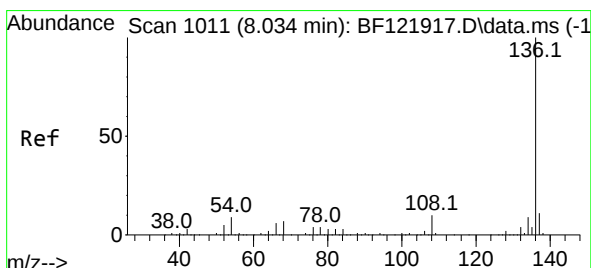
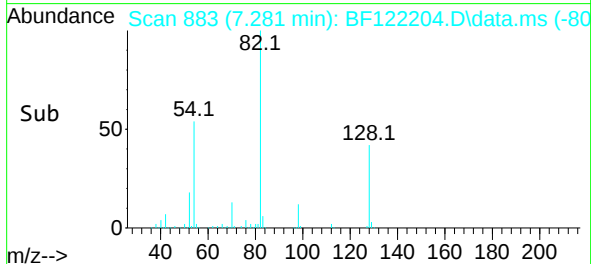
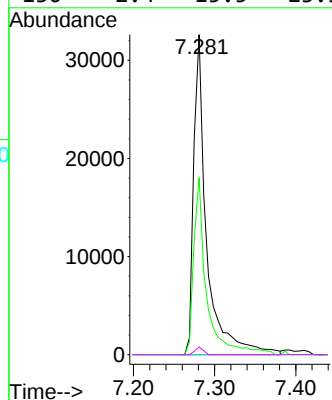
#19

n-Nitroso-di-n-propylamine
 Concen: 7.11 ng
 RT: 7.281 min Scan# 883
 Delta R.T. 0.141 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

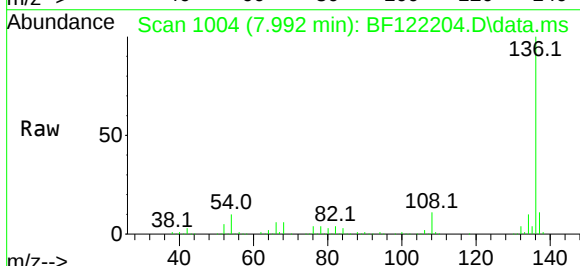


Tgt Ion:	70	Resp:	36382
Ion	Ratio	Lower	Upper
70	100		
42	55.3	50.2	75.4
101	0.0	7.5	11.3#
130	2.4	15.5	23.3#

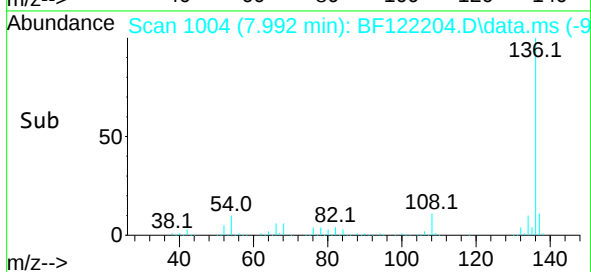
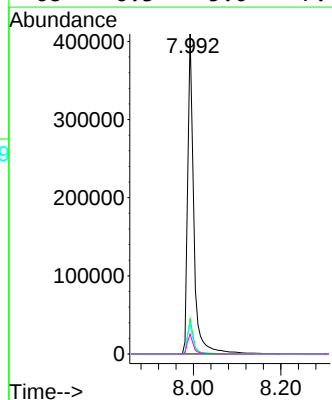


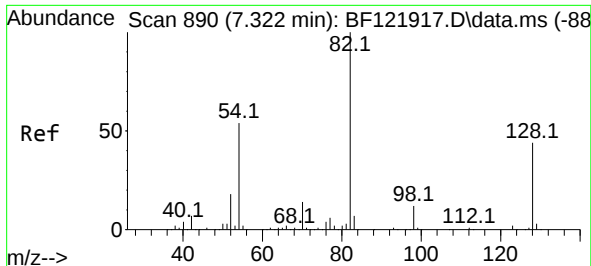
#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.992 min Scan# 1004
 Delta R.T. -0.006 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32



Tgt Ion:	136	Resp:	394402
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.1	10.7
68	6.3	5.0	7.4

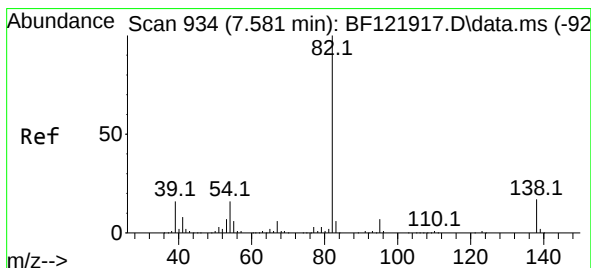
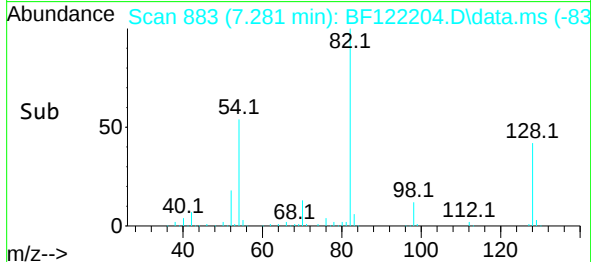
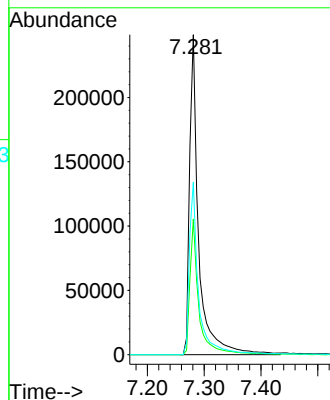
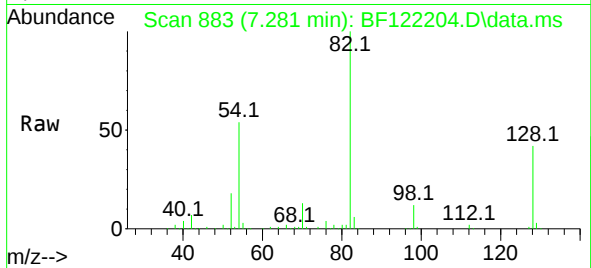




#23
Nitrobenzene-d5
Concen: 36.03 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

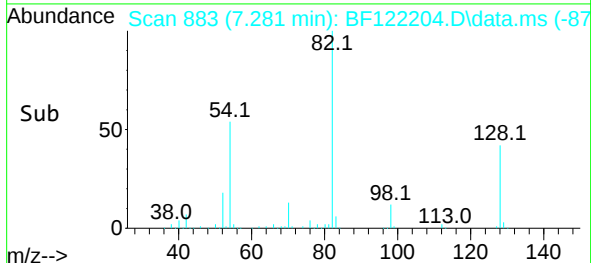
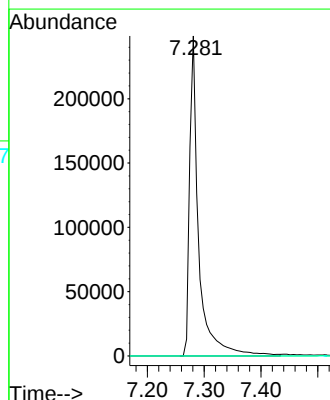
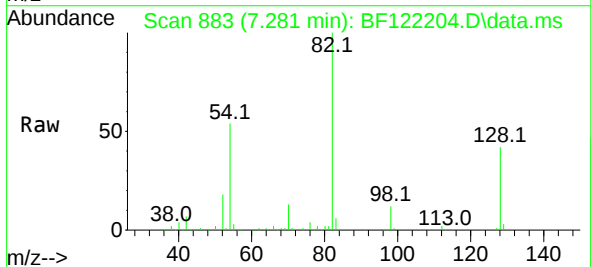
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

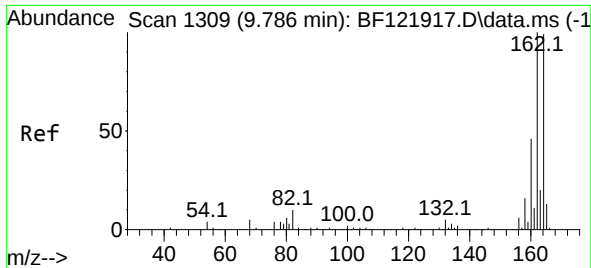
Tgt Ion: 82 Resp: 277097
Ion Ratio Lower Upper
82 100
128 42.4 35.0 52.4
54 53.9 43.9 65.9



#25
Isophorone
Concen: 19.06 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion: 82 Resp: 277097
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#

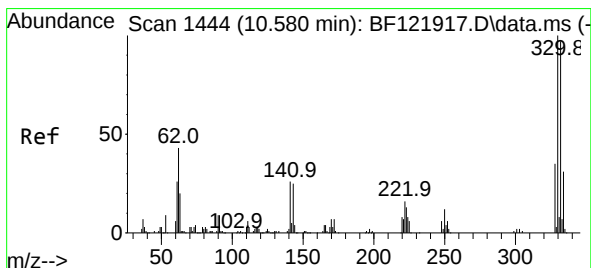
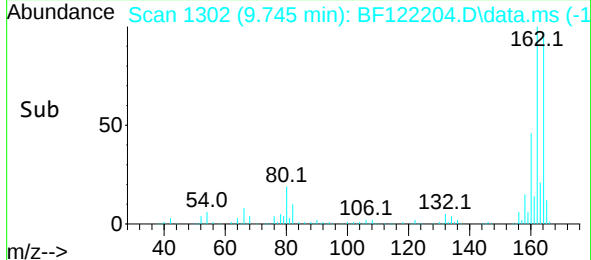
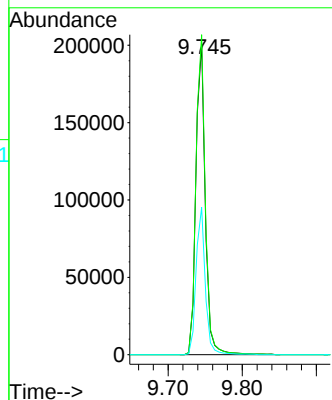
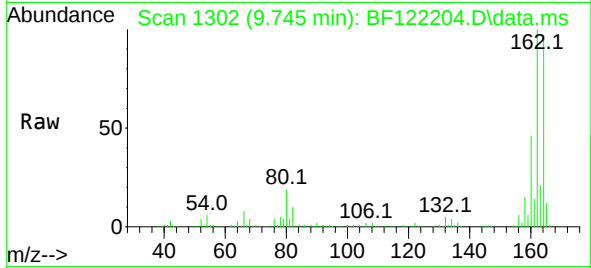




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

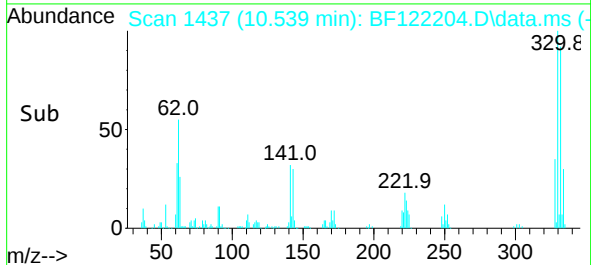
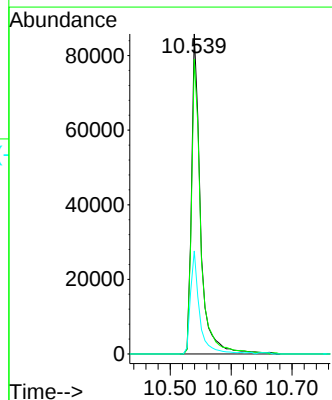
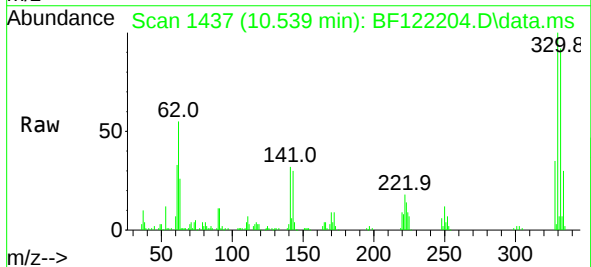
Instrument :
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HR-01-102820

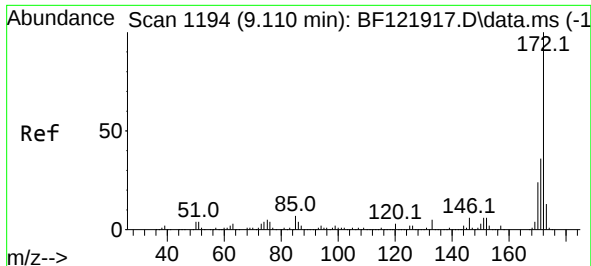
Tgt Ion:164 Resp: 176200
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 47.4 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 40.45 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:330 Resp: 88175
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 32.6 22.3 33.5

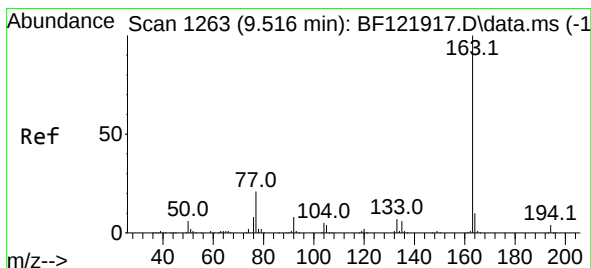
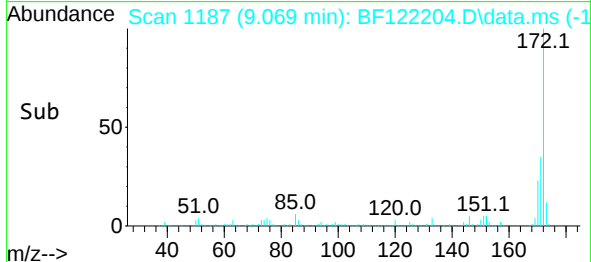
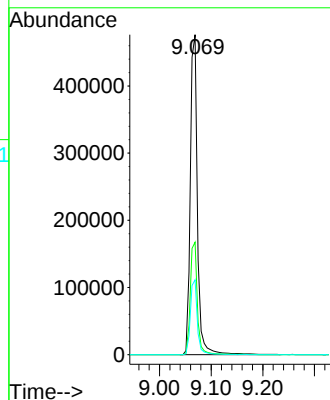
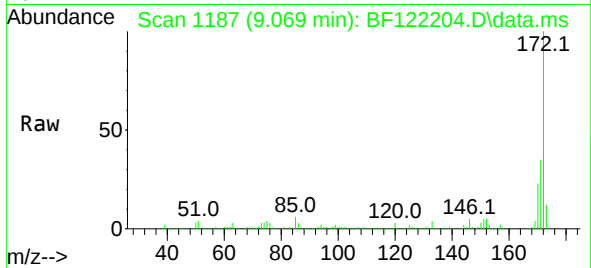




#45
2-Fluorobiphenyl
Concen: 38.11 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

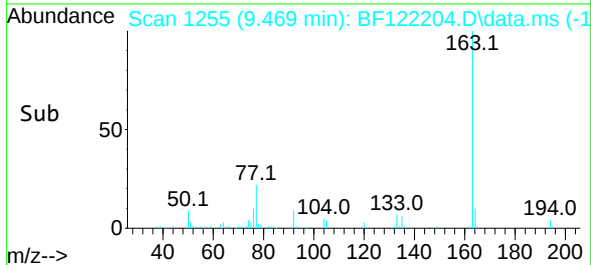
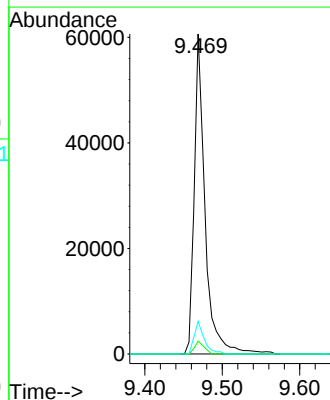
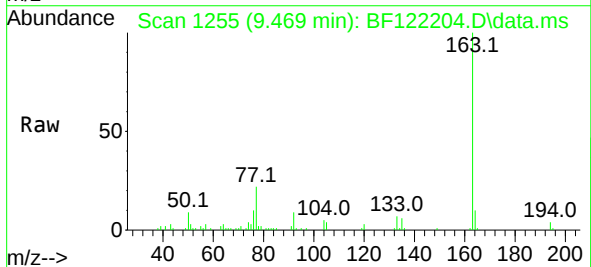
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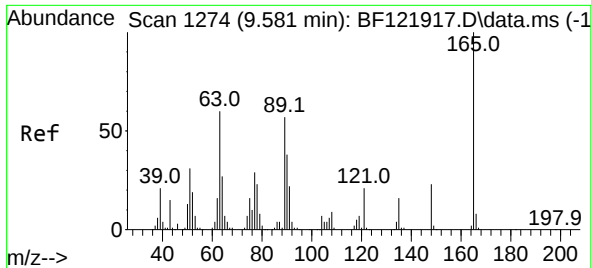
Tgt Ion:172 Resp: 456350
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.4 19.8 29.6



#50
Dimethylphthalate
Concen: 4.56 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:163 Resp: 58803
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4

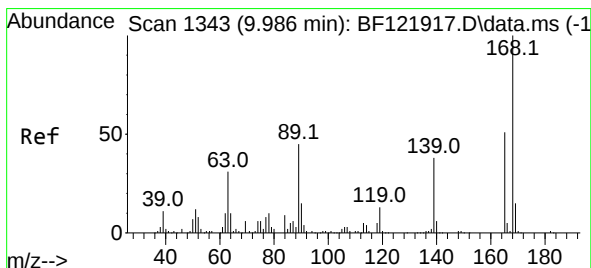
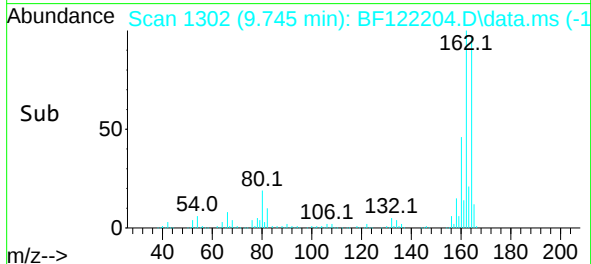
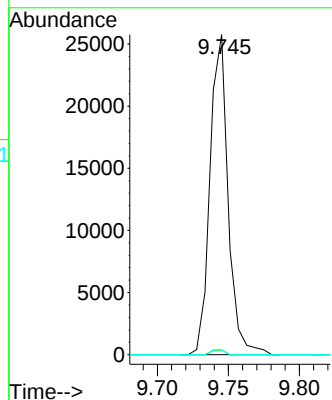
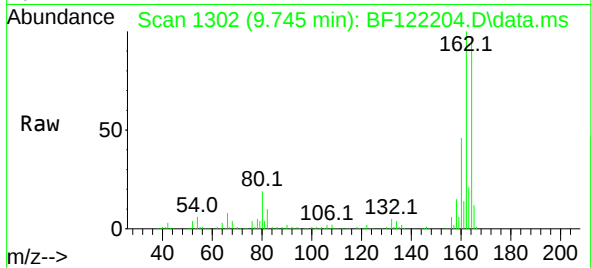




#51
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

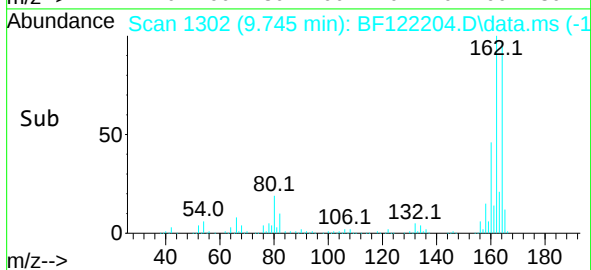
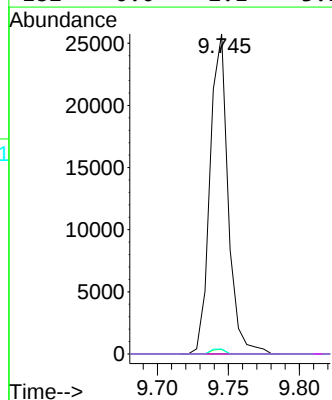
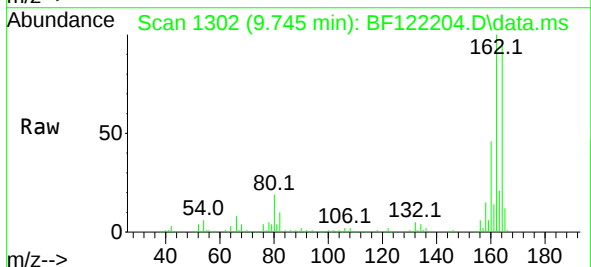
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

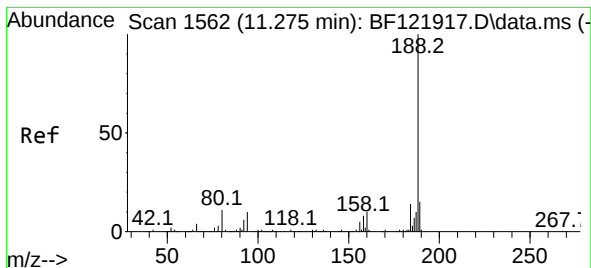
Tgt Ion:165 Resp: 22825
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.6 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:165 Resp: 22825
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

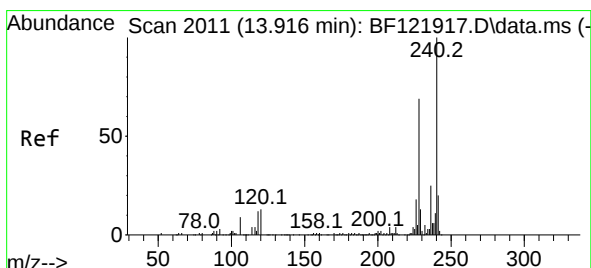
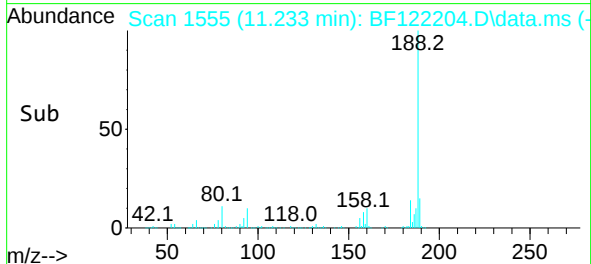
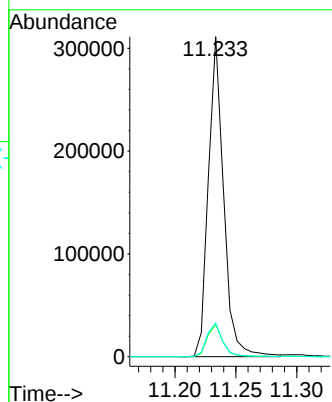
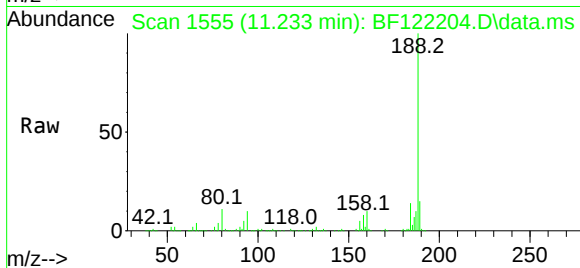




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

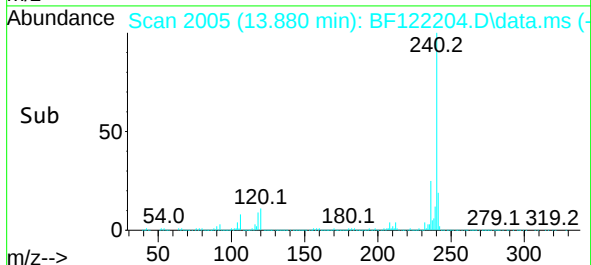
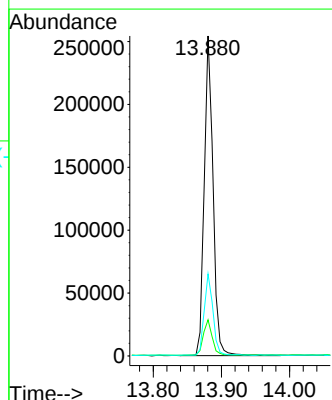
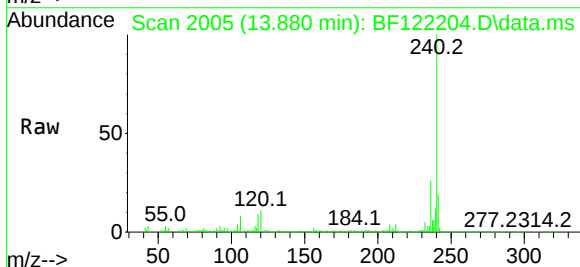
Instrument :
BNA_F
ClientSampleId :
HR-01-102820

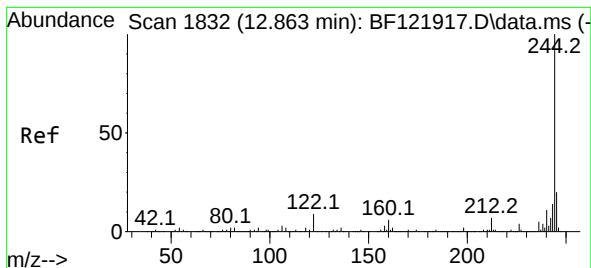
Tgt Ion:188 Resp: 271247
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.5 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122204.D
Acq: 31 Oct 2020 3:32

Tgt Ion:240 Resp: 228613
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.6 20.9 31.3

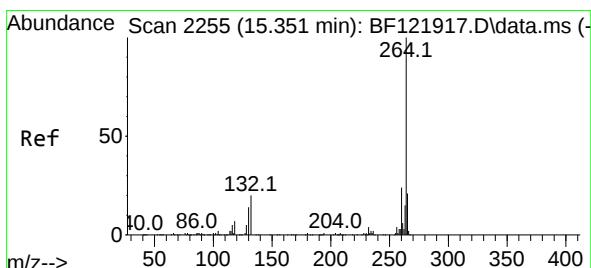
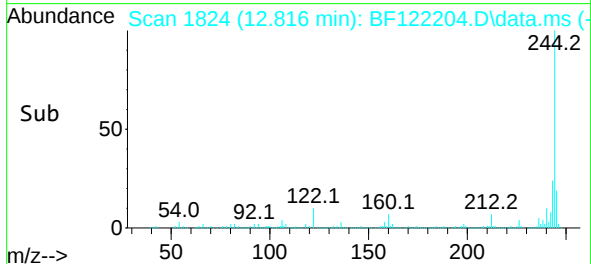
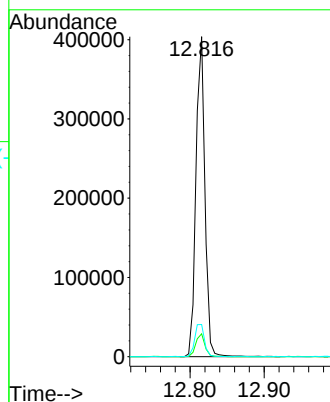
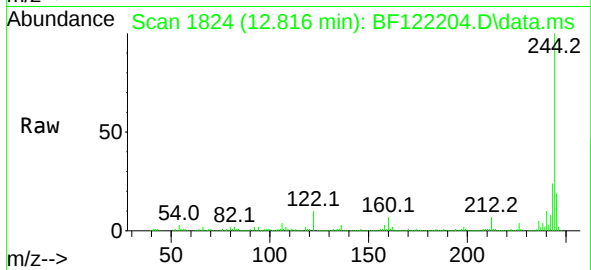




#79
 Terphenyl-d14
 Concen: 28.20 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102820

Tgt Ion:244 Resp: 338285
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. 0.018 min
 Lab File: BF122204.D
 Acq: 31 Oct 2020 3:32

Tgt Ion:264 Resp: 192848
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.6 17.3 25.9

