

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123245.D
 Acq On : 20 Feb 2021 15:08
 Operator : JU/CG
 Sample : M1430-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-1

Quant Time: Feb 22 03:16:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

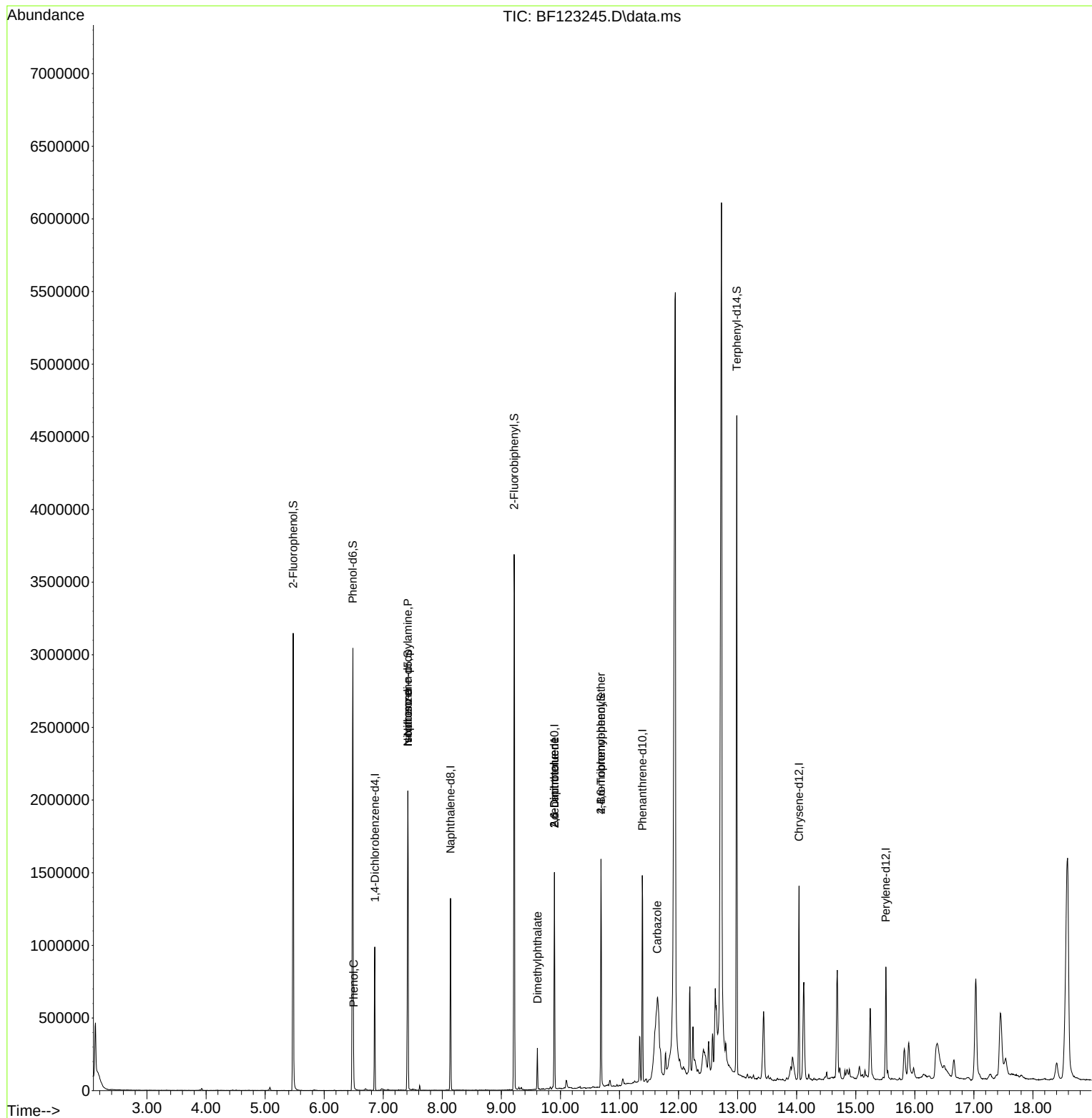
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	125229	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	516405	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	267941	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	508891	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	412419	20.00	ng	0.00
86) Perylene-d12	15.510	264	317997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	812167	93.35	ng	0.00
7) Phenol-d6	6.487	99	1070504	90.57	ng	0.00
23) Nitrobenzene-d5	7.416	82	718170	63.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	153754	56.35	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1166992	62.56	ng	0.00
79) Terphenyl-d14	12.986	244	1286346	59.98	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	148	Below Cal	#	1
10) Phenol	6.498	94	52287	4.06	ng	93
19) n-Nitroso-di-n-propyla...	7.416	70	98577	14.02	ng	# 79
25) Isophorone	7.416	82	713738	33.83	ng	# 65
50) Dimethylphthalate	9.610	163	95889	4.79	ng	99
51) 2,6-Dinitrotoluene	9.898	165	34886	7.55	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	34886	5.62	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	11484	2.07	ng	# 1
73) Carbazole	11.639	167	127421	4.51	ng	# 58

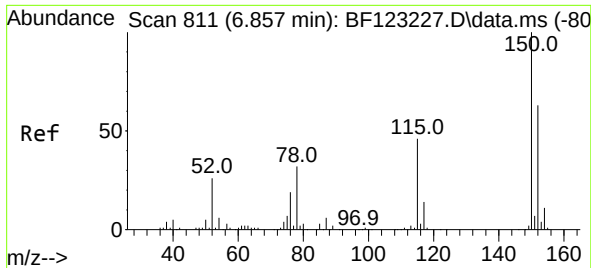
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123245.D
Acq On : 20 Feb 2021 15:08
Operator : JU/CG
Sample : M1430-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-1

Quant Time: Feb 22 03:16:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

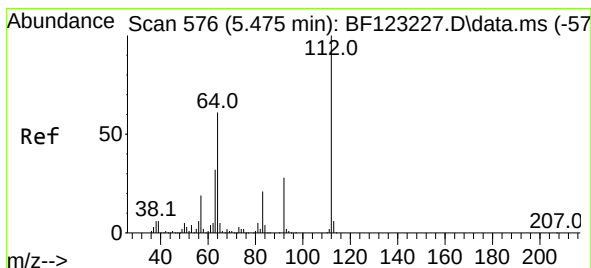
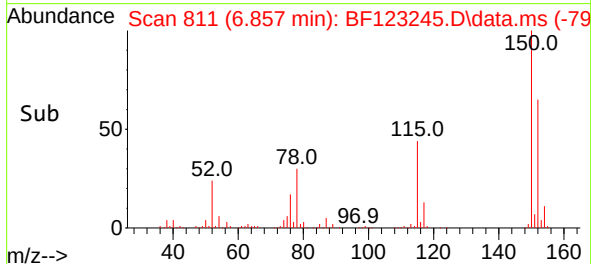
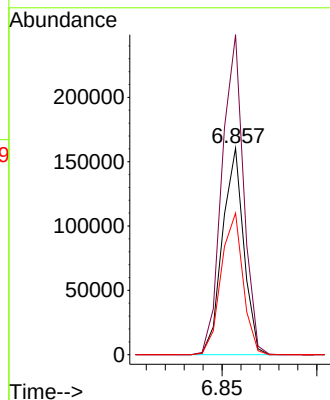
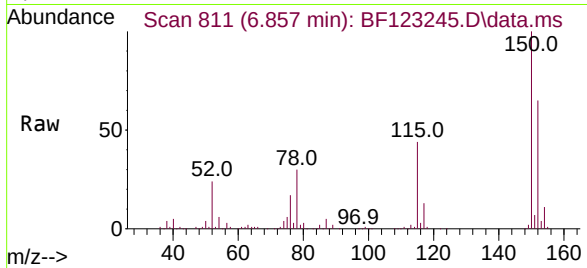




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

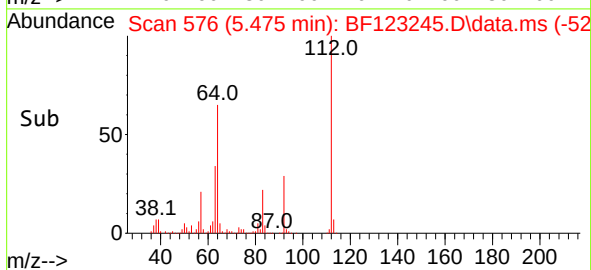
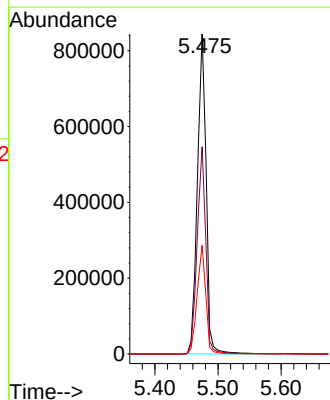
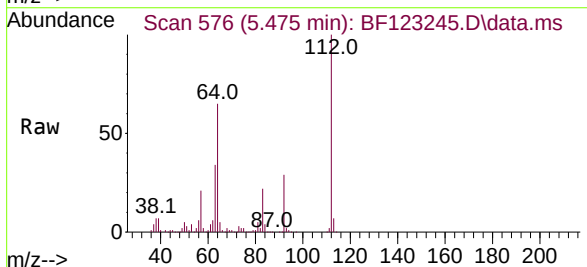
Instrument :
BNA_F
ClientSampleId :
H-1

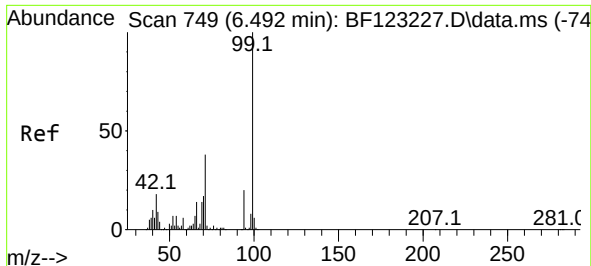
Tgt Ion:152 Resp: 125229
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 68.6 49.3 73.9



#5
2-Fluorophenol
Concen: 93.35 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:112 Resp: 812167
Ion Ratio Lower Upper
112 100
64 64.7 46.9 70.3
63 33.9 24.5 36.7



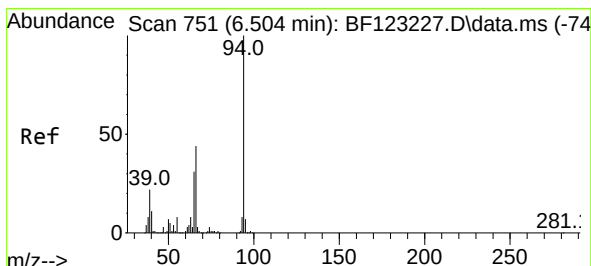
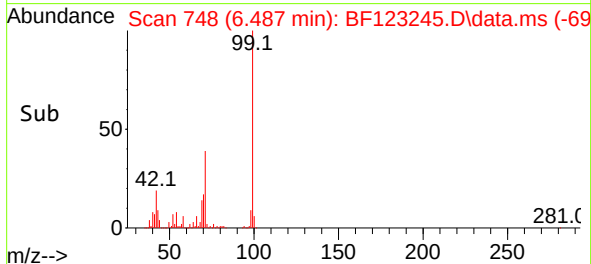
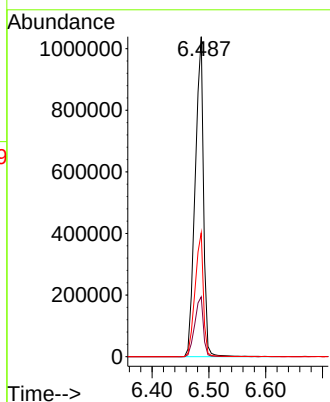
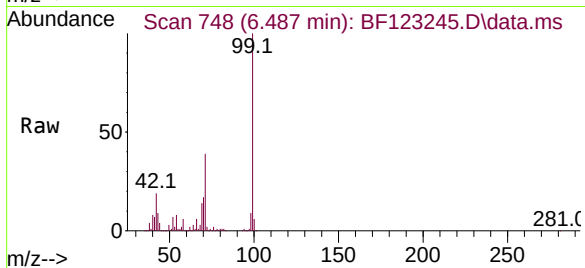


#7
Phenol-d6
Concen: 90.57 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Instrument :
BNA_F
ClientSampleId :
H-1

Tgt Ion: 99 Resp: 1070504

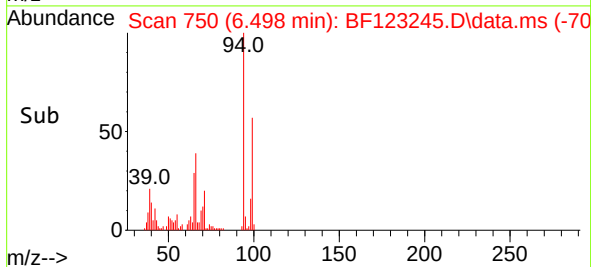
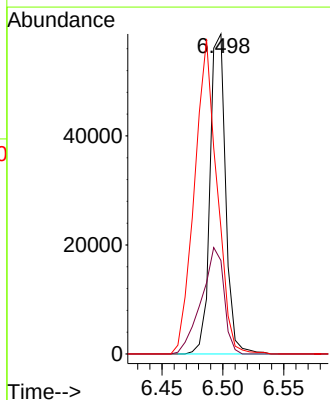
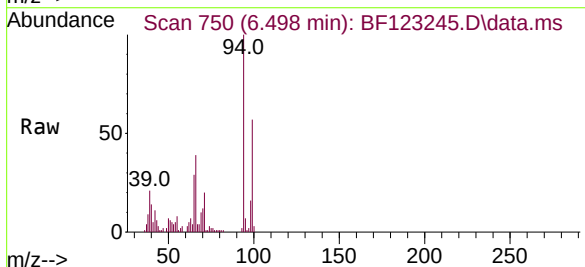
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.8	20.6
71	38.7	26.9	40.3

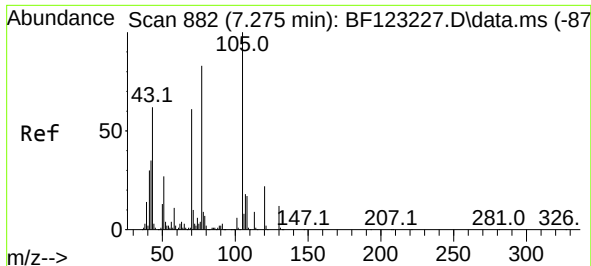


#10
Phenol
Concen: 4.06 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion: 94 Resp: 52287

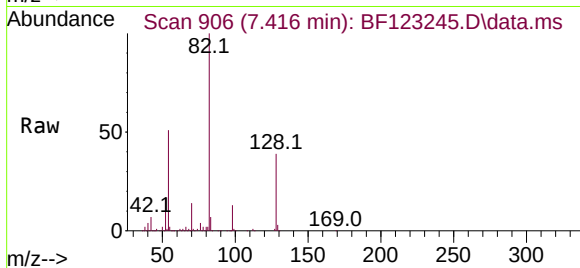
Ion	Ratio	Lower	Upper
94	100		
65	29.2	11.2	51.2
66	39.5	25.8	65.8



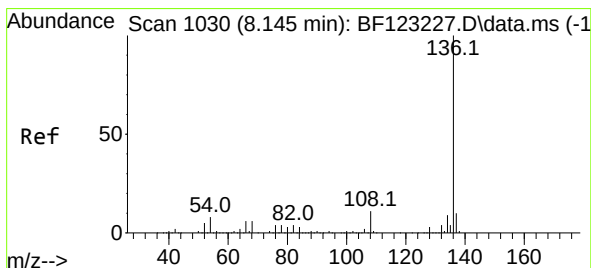
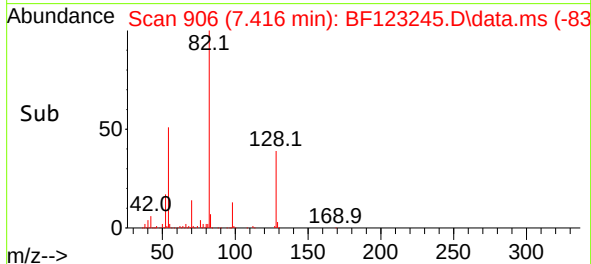
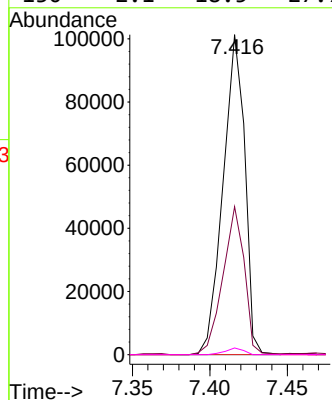


#19
n-Nitroso-di-n-propylamine
Concen: 14.02 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Instrument :
BNA_F
ClientSampleId :
H-1

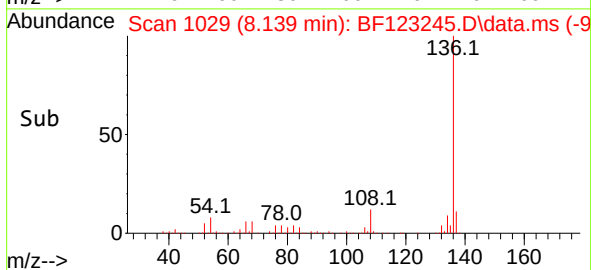
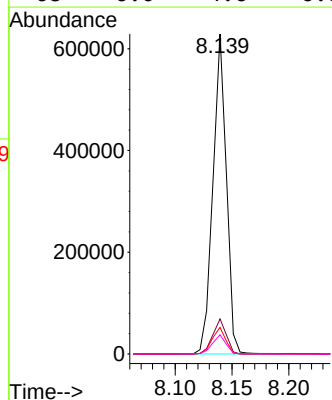
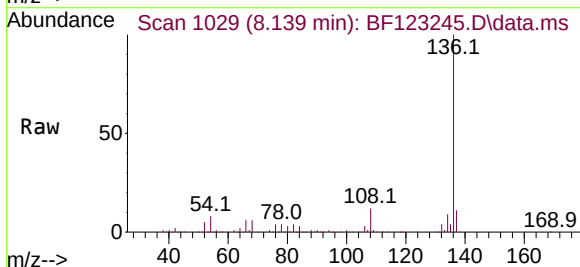


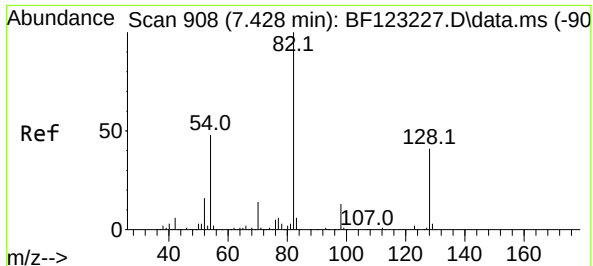
Tgt Ion: 70 Resp: 98577
Ion Ratio Lower Upper
70 100
42 46.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion: 136 Resp: 516405
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.5 8.3#
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.66 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123245.D

Acq: 20 Feb 2021 15:08

Tgt Ion: 82 Resp: 718170

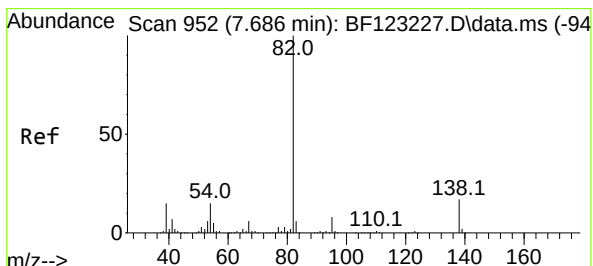
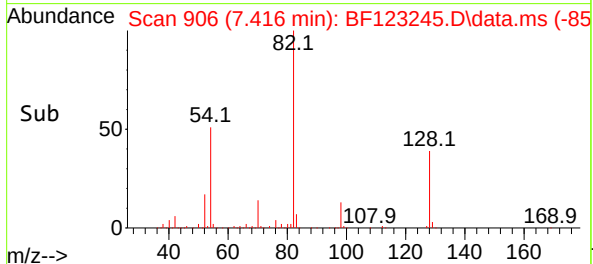
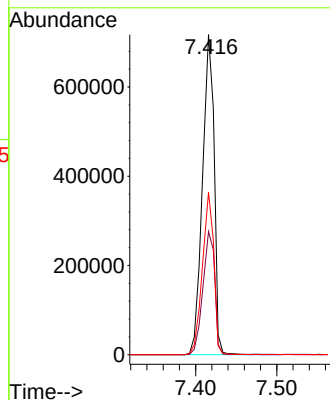
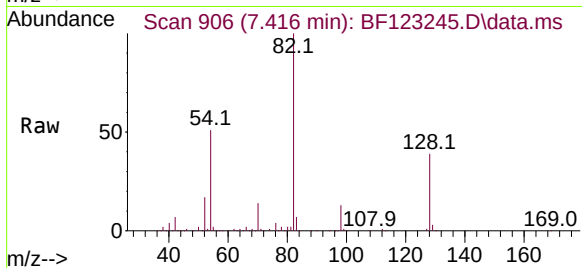
Ion	Ratio	Lower	Upper
82	100		
128	38.5	37.0	55.4
54	50.8	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

H-1



#25

Isophorone

Concen: 33.83 ng

RT: 7.416 min Scan# 906

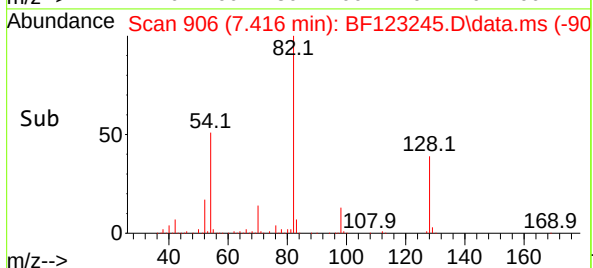
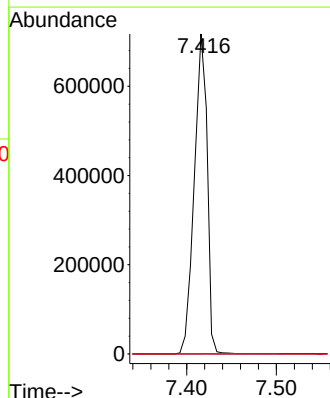
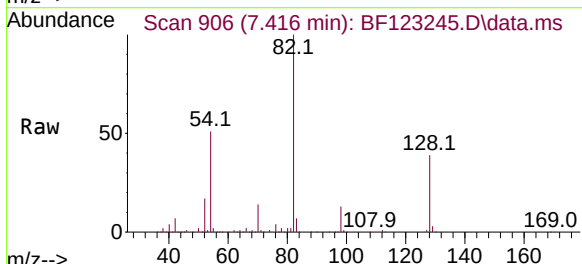
Delta R.T. -0.271 min

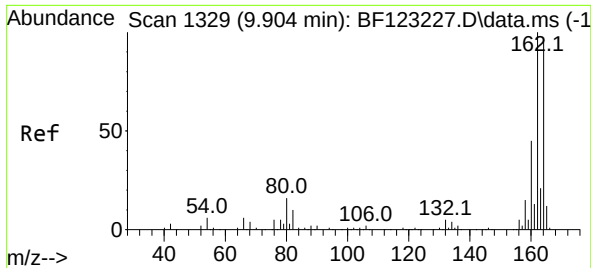
Lab File: BF123245.D

Acq: 20 Feb 2021 15:08

Tgt Ion: 82 Resp: 713738

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

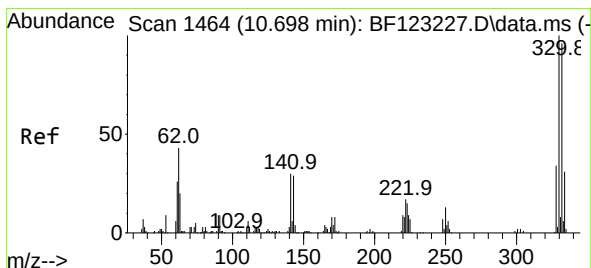
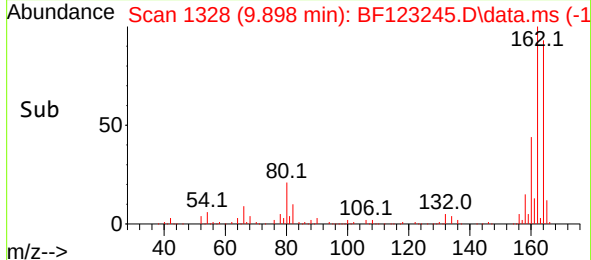
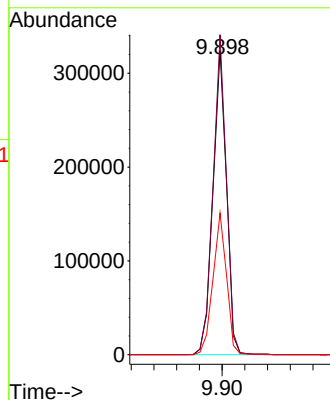
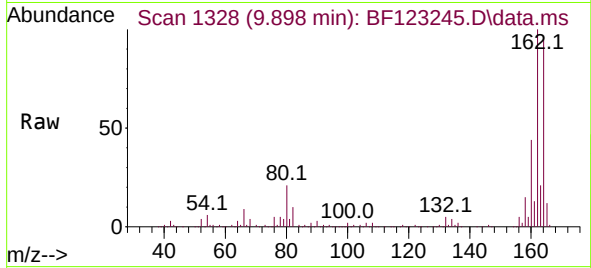




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

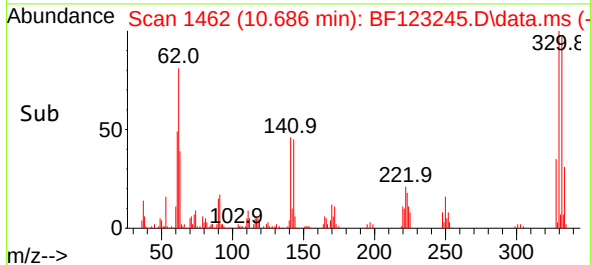
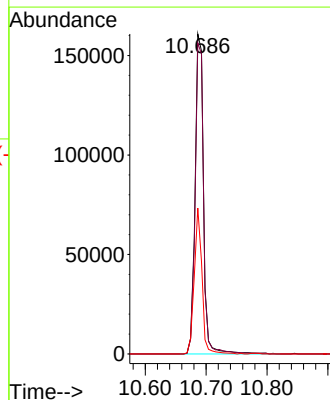
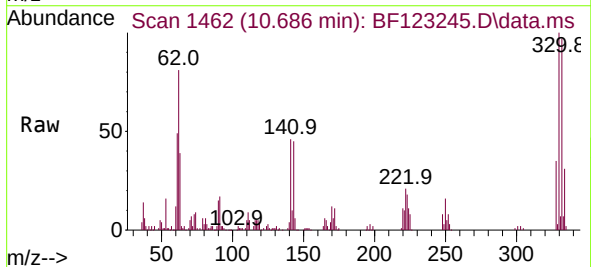
Instrument :
BNA_F
ClientSampleId :
H-1

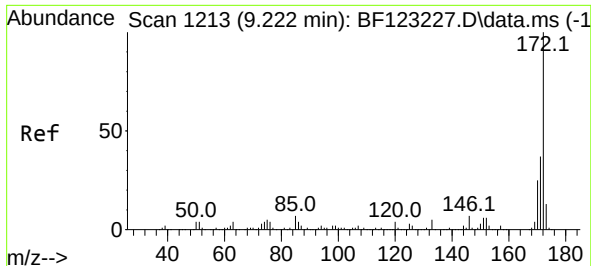
Tgt Ion:164 Resp: 267941
Ion Ratio Lower Upper
164 100
162 105.2 80.8 121.2
160 46.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 56.35 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:330 Resp: 153754
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 41.8 23.8 35.8#

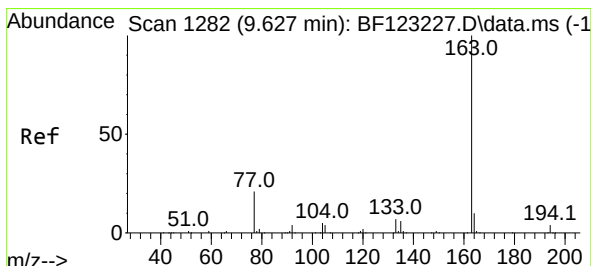
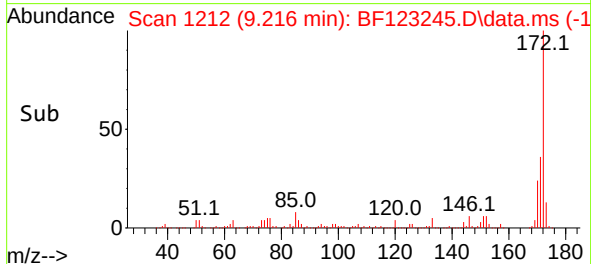
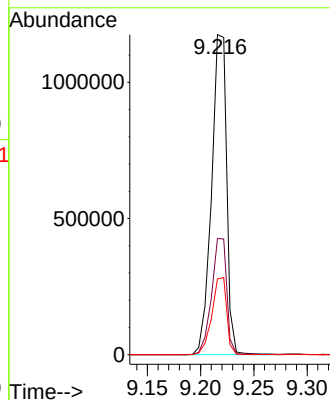
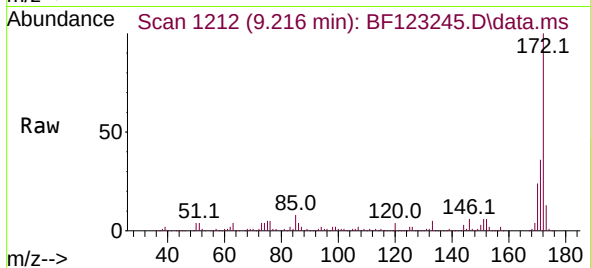




#45
2-Fluorobiphenyl
Concen: 62.56 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

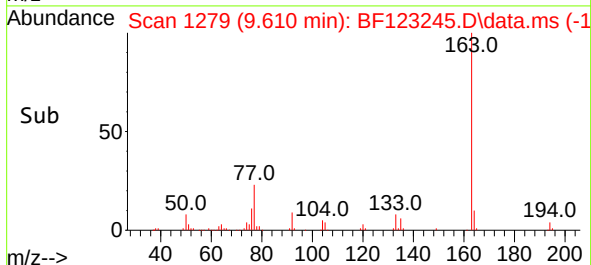
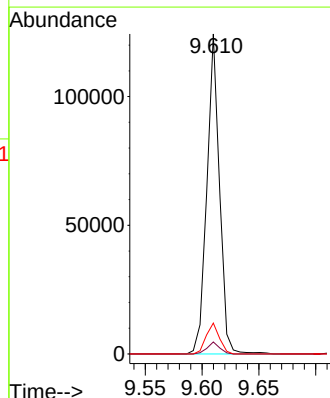
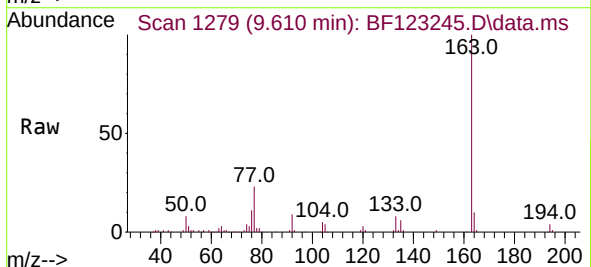
Instrument :
BNA_F
ClientSampleId :
H-1

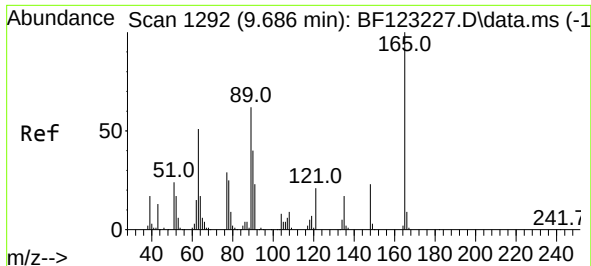
Tgt Ion:172 Resp: 1166992
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 4.79 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:163 Resp: 95889
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.6 8.1 12.1

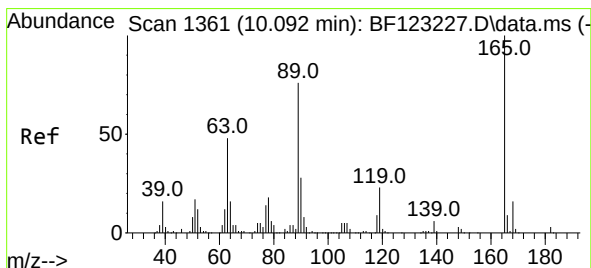
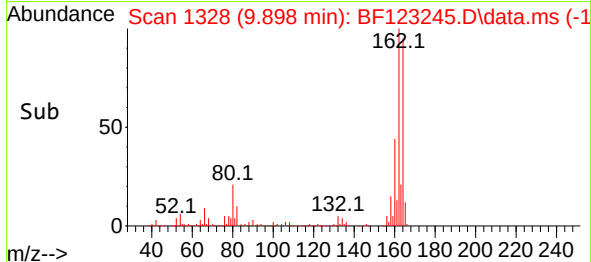
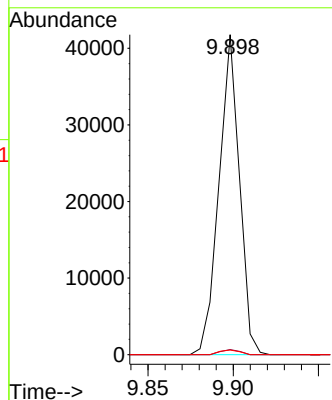
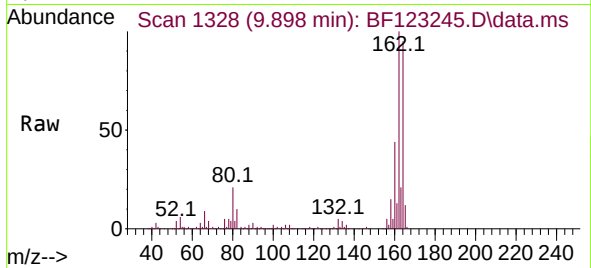




#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

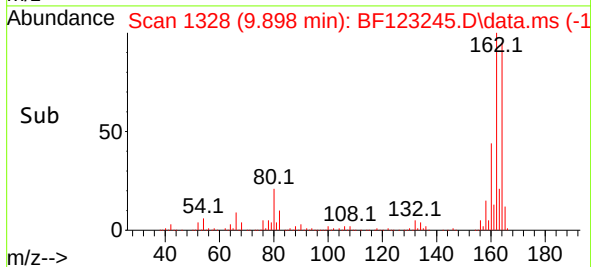
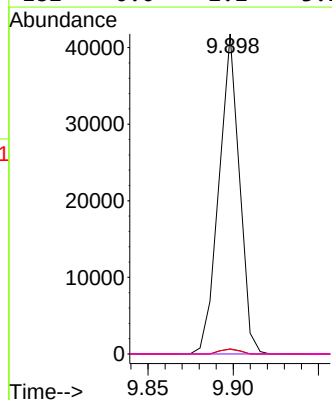
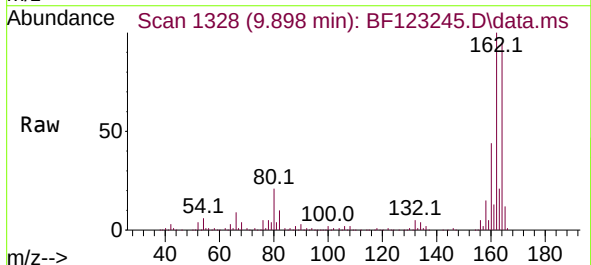
Instrument :
BNA_F
ClientSampleId :
H-1

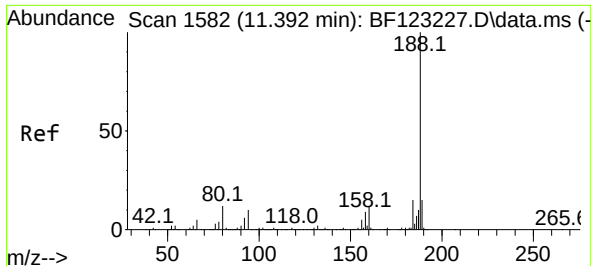
Tgt Ion:165 Resp: 34886
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:165 Resp: 34886
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

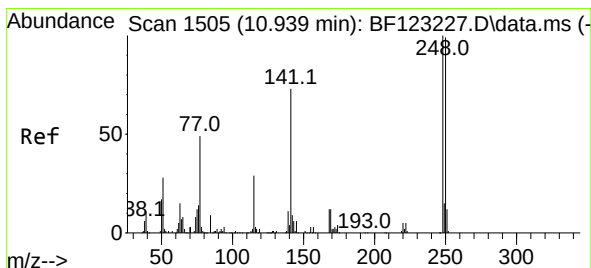
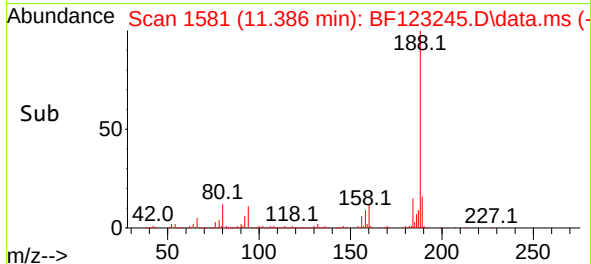
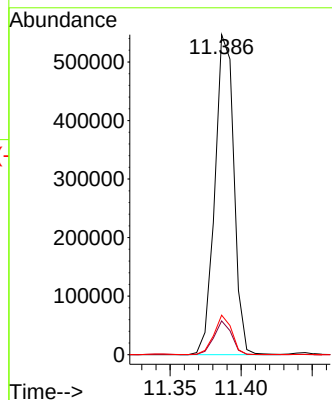
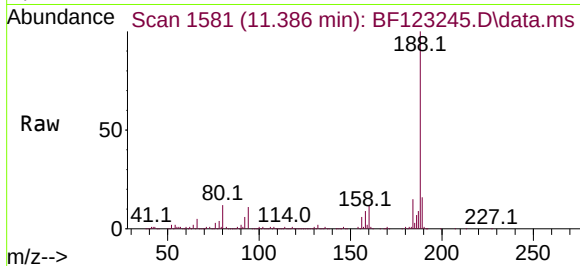




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

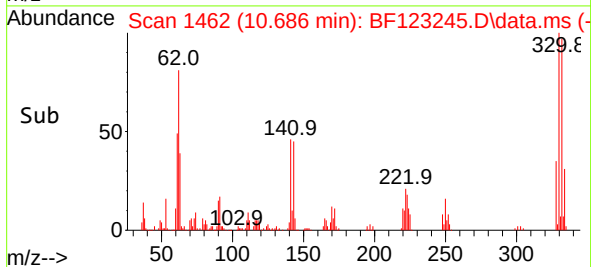
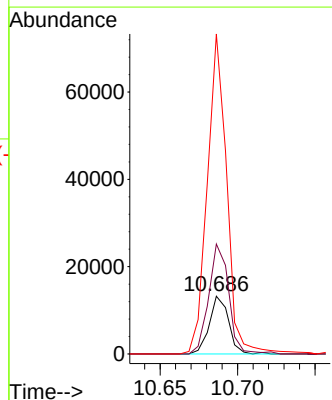
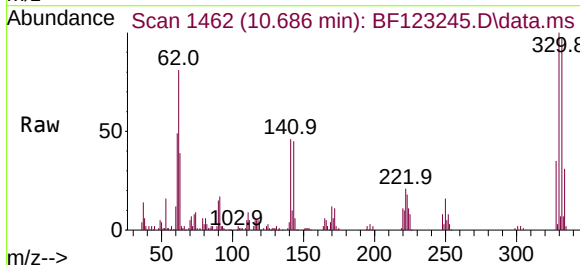
Instrument :
BNA_F
ClientSampleId :
H-1

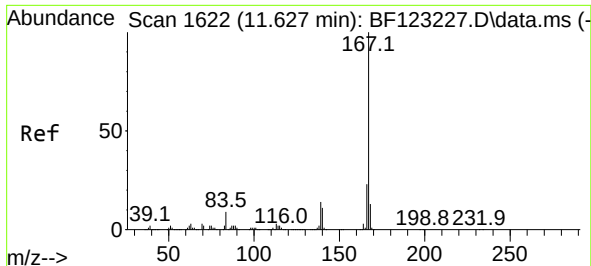
Tgt Ion:188 Resp: 508891
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.4 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 2.07 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:248 Resp: 11484
Ion Ratio Lower Upper
248 100
250 190.3 76.8 115.2#
141 553.9 59.8 89.8#

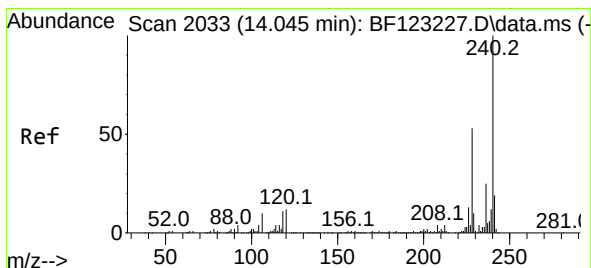
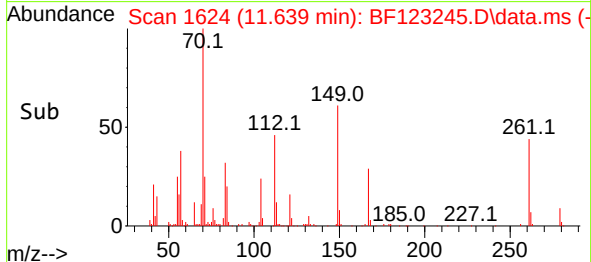
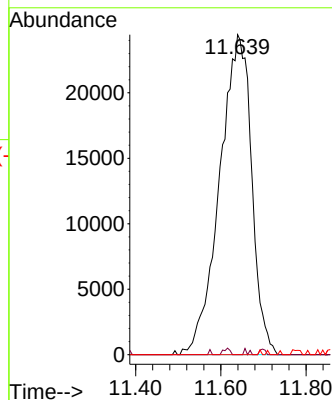
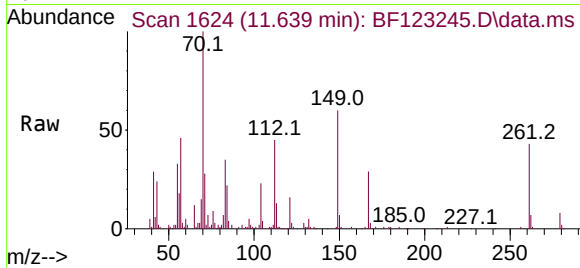




#73
 Carbazole
 Concen: 4.51 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.012 min
 Lab File: BF123245.D
 Acq: 20 Feb 2021 15:08

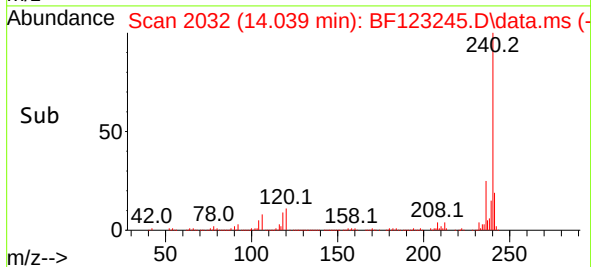
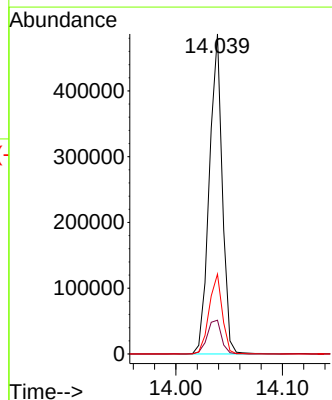
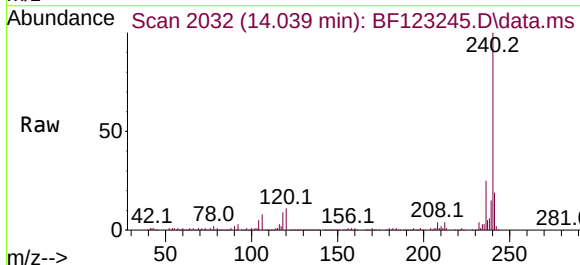
Instrument :
 BNA_F
 ClientSampled :
 H-1

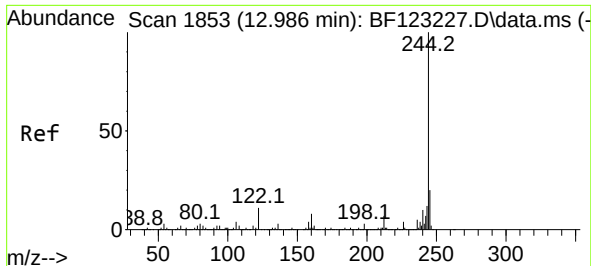
Tgt Ion:167 Resp: 127421
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 10.9 16.3#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF123245.D
 Acq: 20 Feb 2021 15:08

Tgt Ion:240 Resp: 412419
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.6 12.8
 236 25.0 20.3 30.5

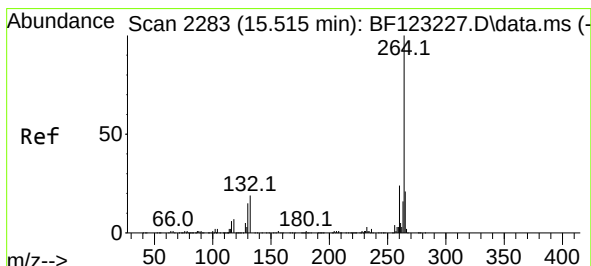
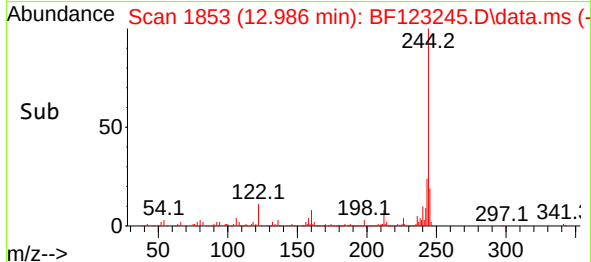
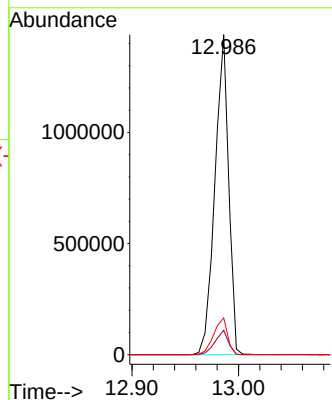
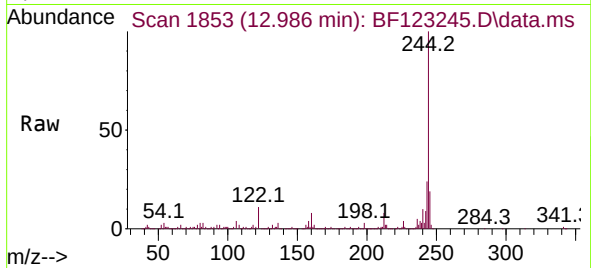




#79
Terphenyl-d14
Concen: 59.98 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Instrument :
BNA_F
ClientSampleId :
H-1

Tgt Ion:244 Resp: 1286346
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123245.D
Acq: 20 Feb 2021 15:08

Tgt Ion:264 Resp: 317997
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 21.8 17.0 25.6

