

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123246.D
 Acq On : 20 Feb 2021 15:40
 Operator : JU/CG
 Sample : M1430-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2

Quant Time: Feb 22 03:16:27 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)

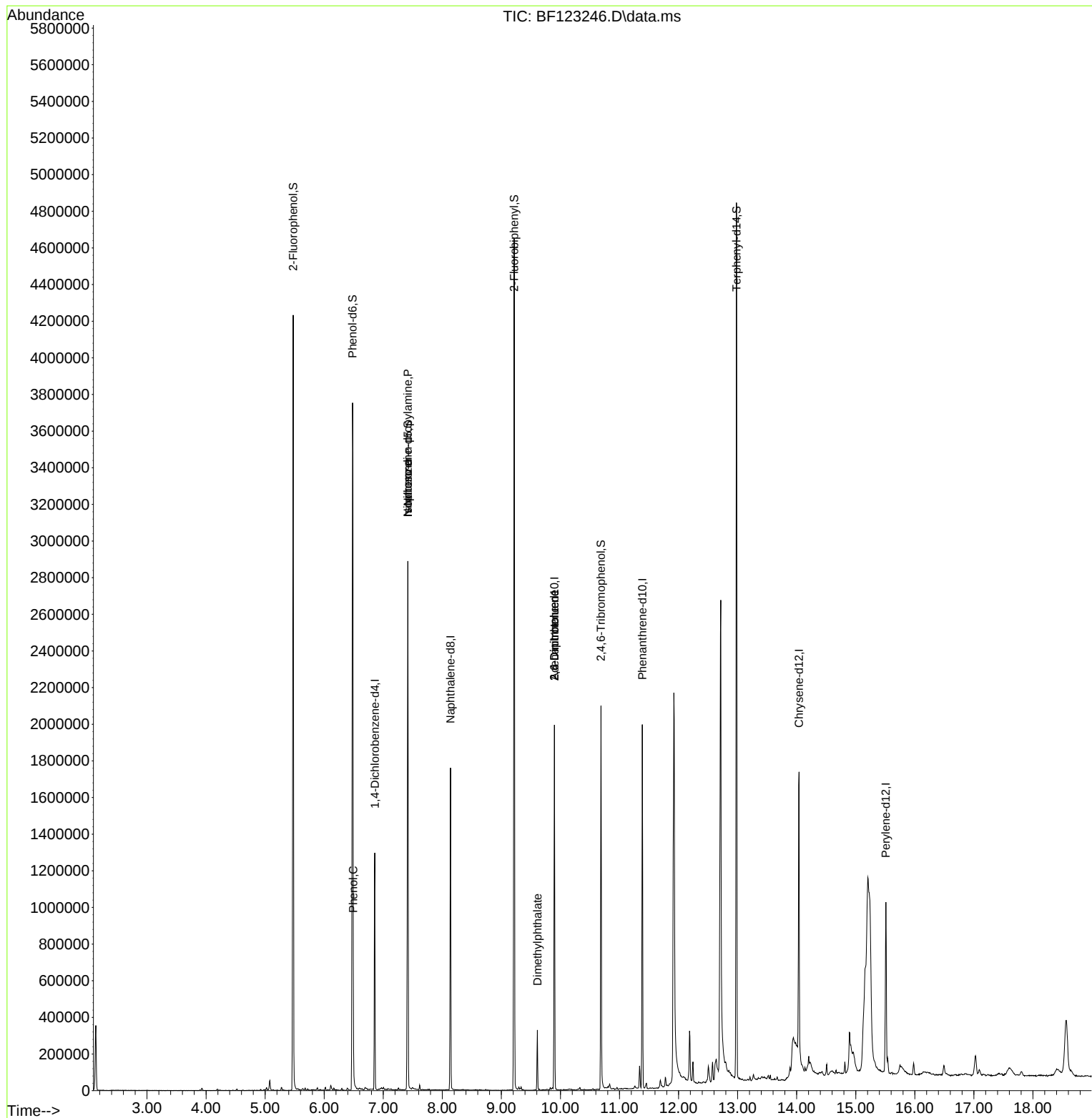
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167014	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	699565	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	350910	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	645826	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	493904	20.00	ng	0.00
86) Perylene-d12	15.509	264	383144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1072502	92.43	ng	0.00
7) Phenol-d6	6.481	99	1431084	90.79	ng	-0.01
23) Nitrobenzene-d5	7.416	82	949876	62.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	187981	52.61	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1382543	56.59	ng	0.00
79) Terphenyl-d14	12.980	244	1376201	53.58	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	282	Below Cal	#	1
10) Phenol	6.492	94	68120	3.97	ng	99
19) n-Nitroso-di-n-propyla...	7.416	70	128766	13.73	ng	# 78
25) Isophorone	7.416	82	943114	33.00	ng	# 65
50) Dimethylphthalate	9.610	163	111485	4.25	ng	# 99
51) 2,6-Dinitrotoluene	9.898	165	45790	7.57	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	45790	5.63	ng	# 26

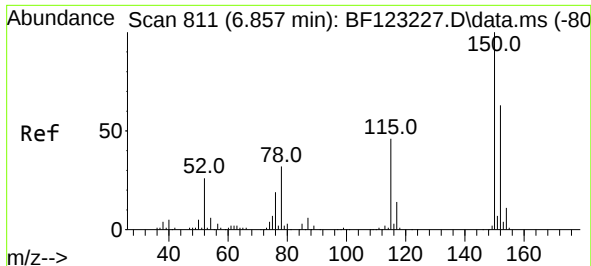
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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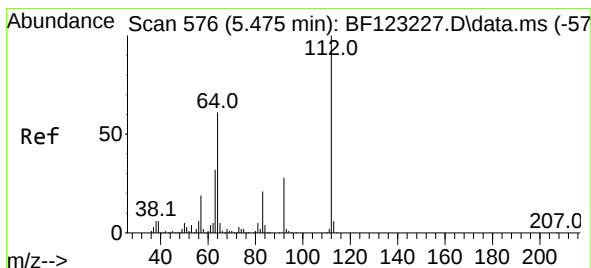
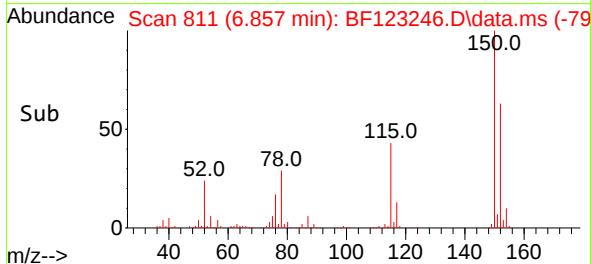
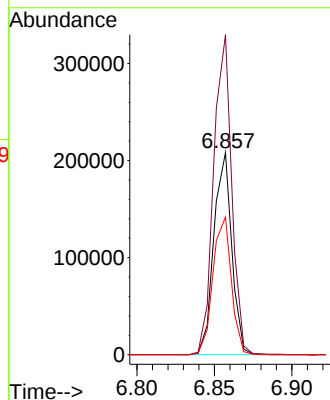
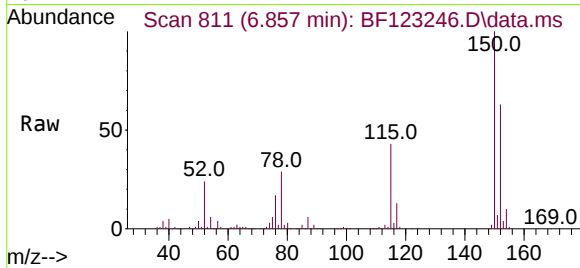




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

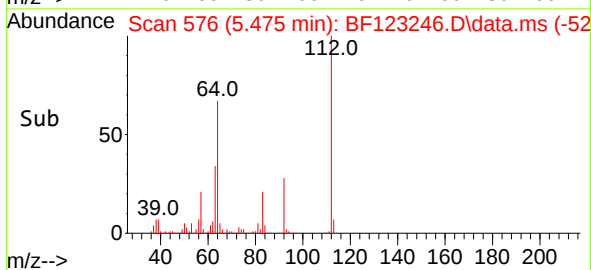
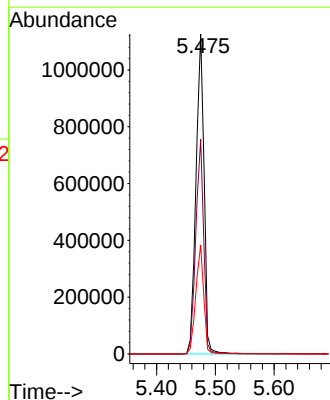
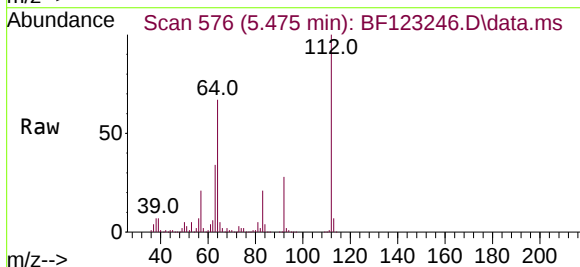
Instrument :
BNA_F
ClientSampleId :
H-2

Tgt Ion:152 Resp: 167014
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 68.1 49.3 73.9



#5
2-Fluorophenol
Concen: 92.43 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion:112 Resp: 1072502
Ion Ratio Lower Upper
112 100
64 67.0 46.9 70.3
63 34.1 24.5 36.7



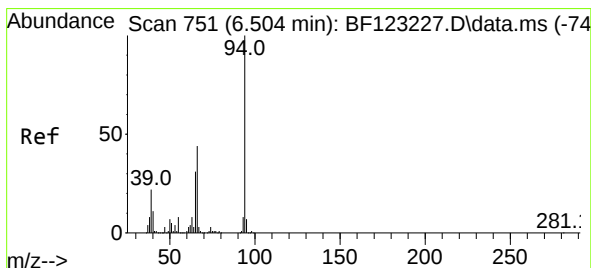
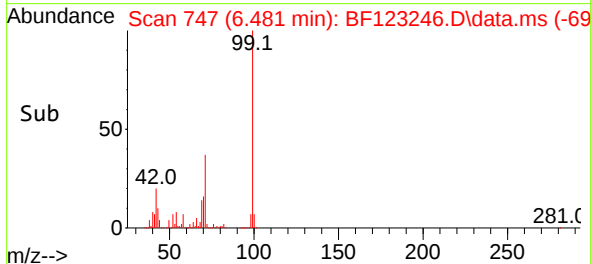
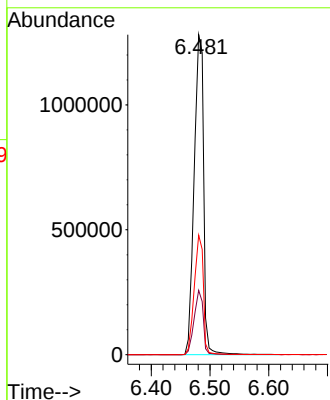
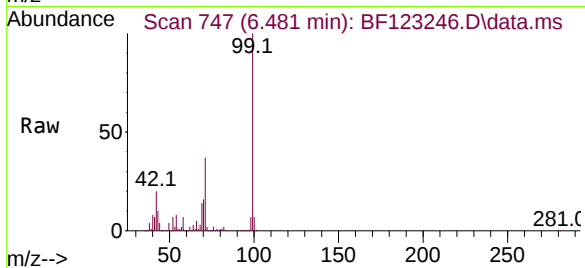


#7
Phenol-d6
Concen: 90.79 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Instrument :
BNA_F
ClientSampleId :
H-2

Tgt Ion: 99 Resp: 1431084

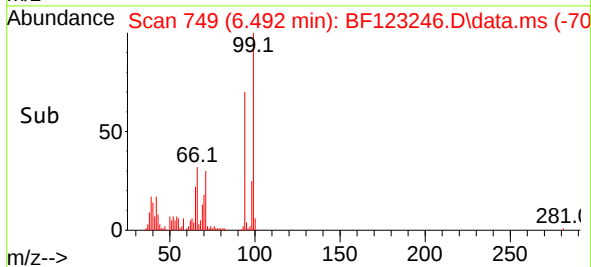
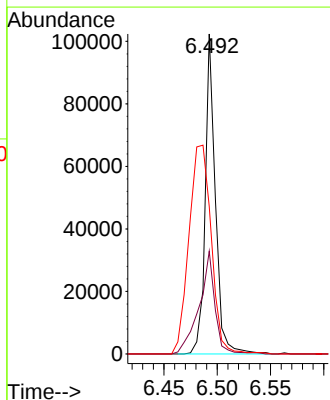
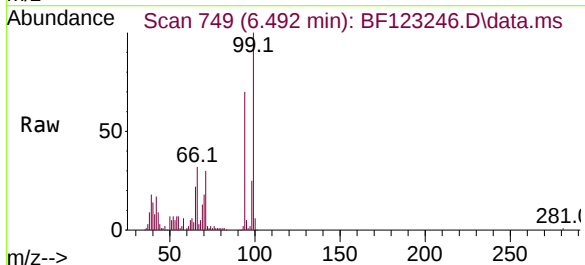
Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.8	20.6
71	37.3	26.9	40.3

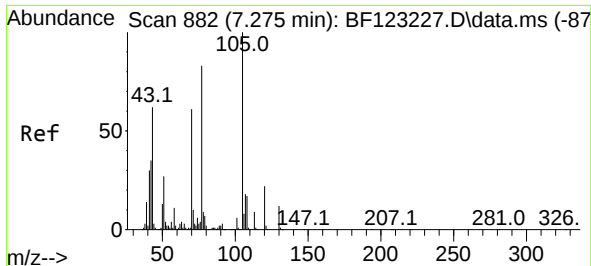


#10
Phenol
Concen: 3.97 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion: 94 Resp: 68120

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.2	51.2
66	46.1	25.8	65.8



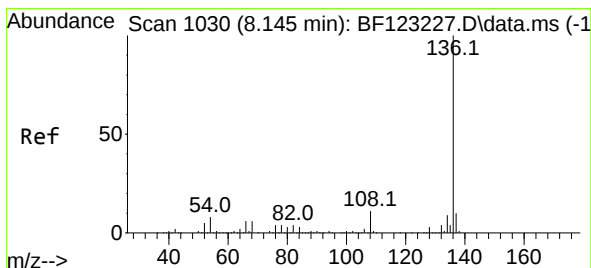
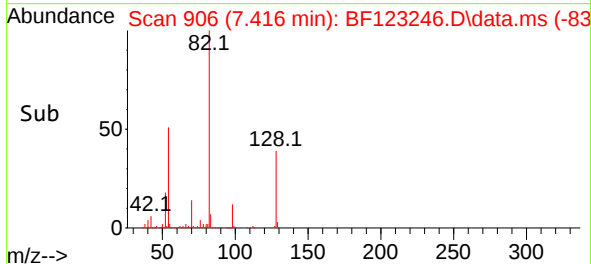
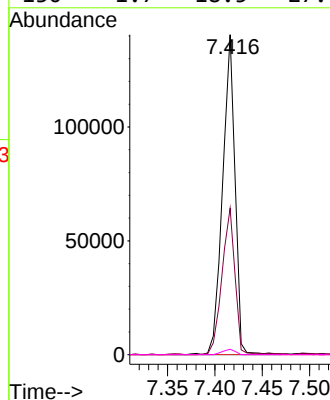
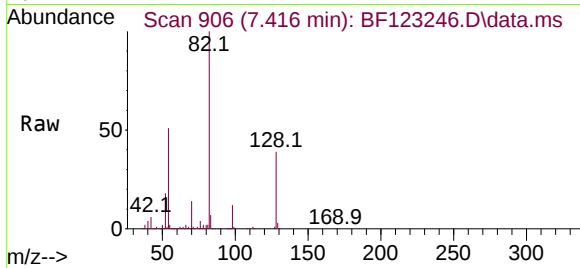


#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Instrument :
BNA_F
ClientSampled :
H-2

Tgt Ion: 70 Resp: 128766

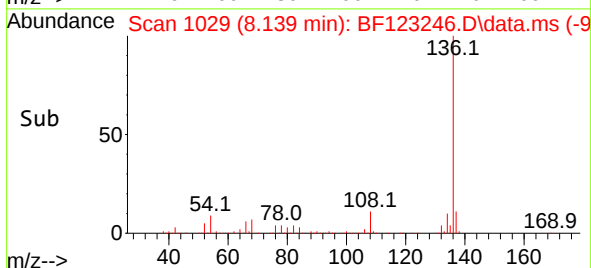
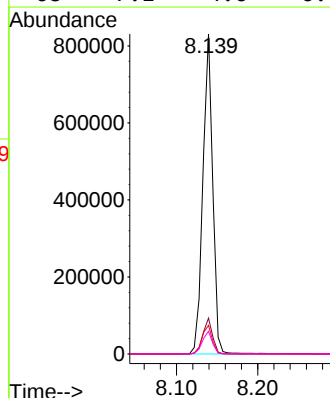
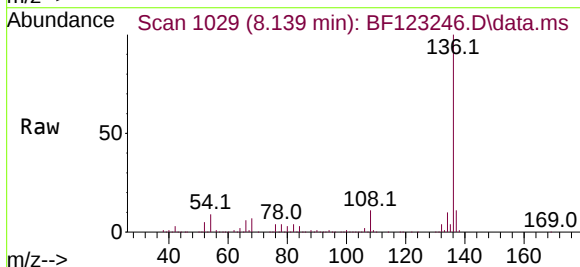
Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#

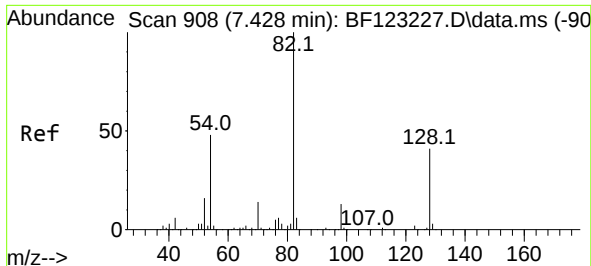


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion: 136 Resp: 699565

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	5.5	8.3#
68	7.1	4.6	6.8#





#23

Nitrobenzene-d5

Concen: 62.16 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123246.D

Acq: 20 Feb 2021 15:40

Tgt Ion: 82 Resp: 949876

Ion Ratio Lower Upper

82 100

128 38.6 37.0 55.4

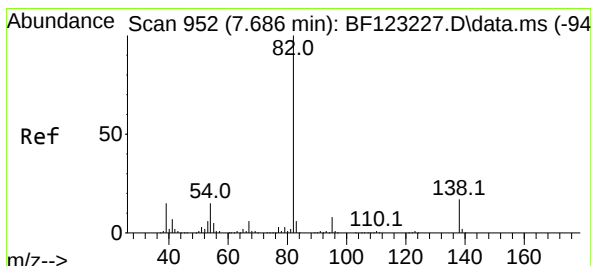
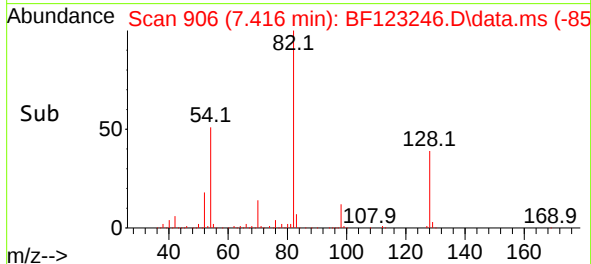
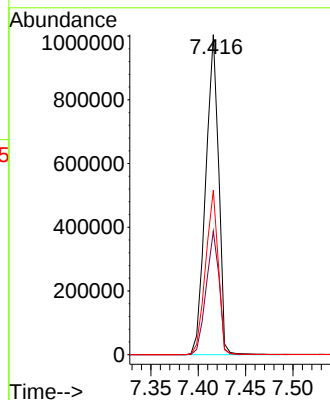
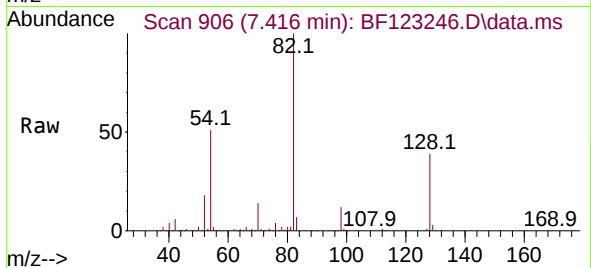
54 51.4 38.4 57.6

Instrument :

BNA_F

ClientSampled :

H-2



#25

Isophorone

Concen: 33.00 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.271 min

Lab File: BF123246.D

Acq: 20 Feb 2021 15:40

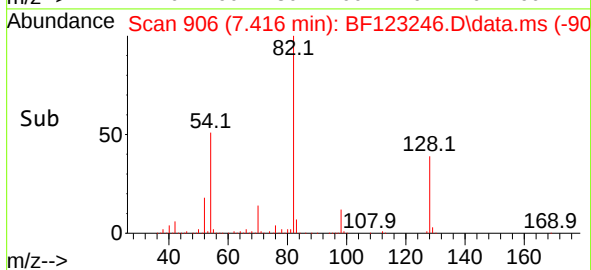
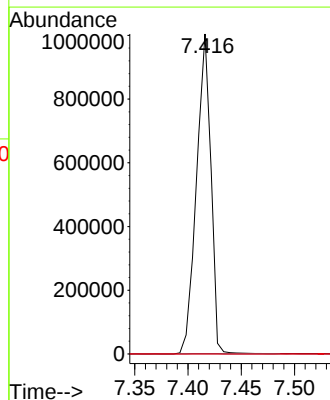
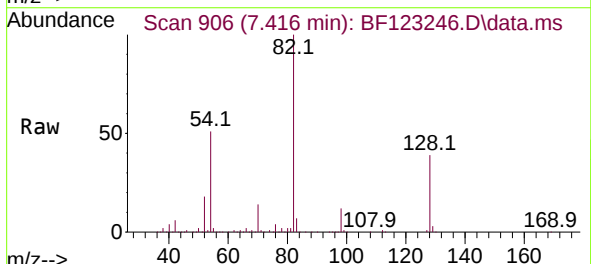
Tgt Ion: 82 Resp: 943114

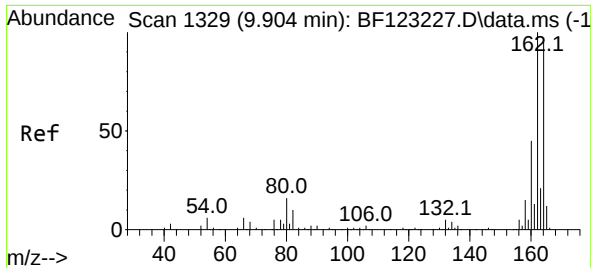
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

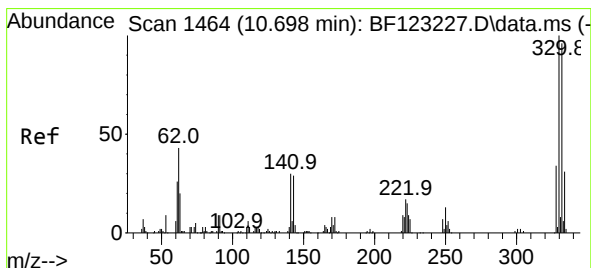
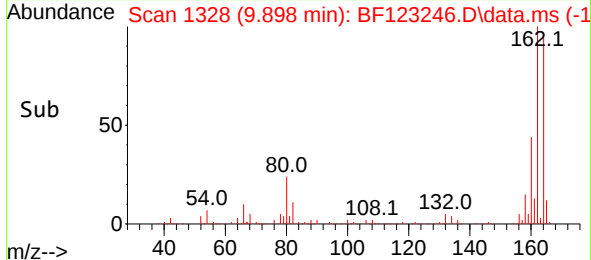
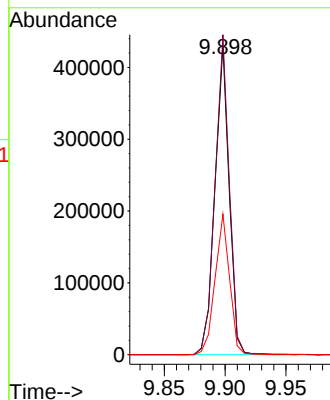
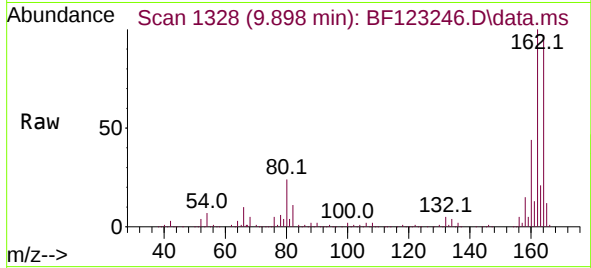




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

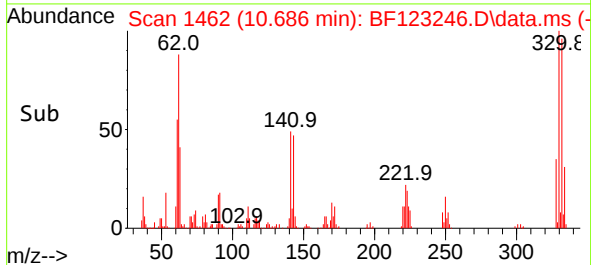
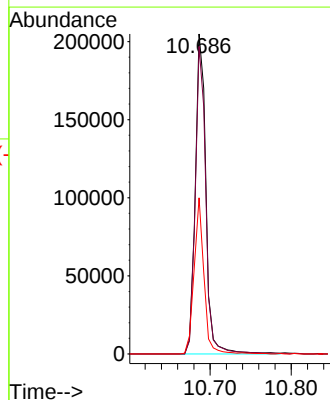
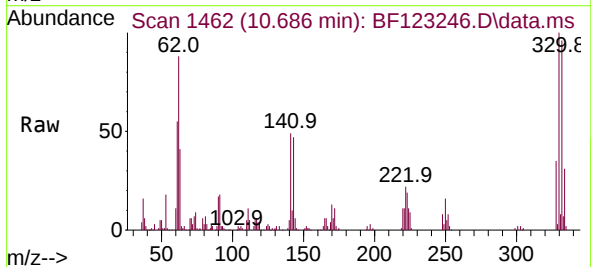
Instrument :
BNA_F
ClientSampleId :
H-2

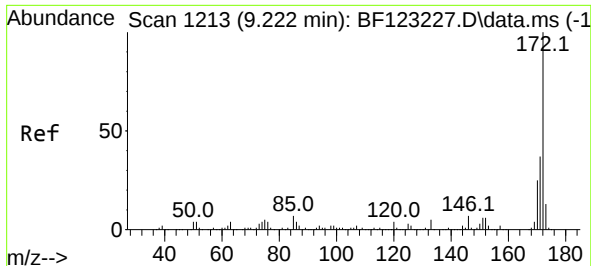
Tgt Ion:164 Resp: 350910
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 52.61 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion:330 Resp: 187981
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 45.5 23.8 35.8#

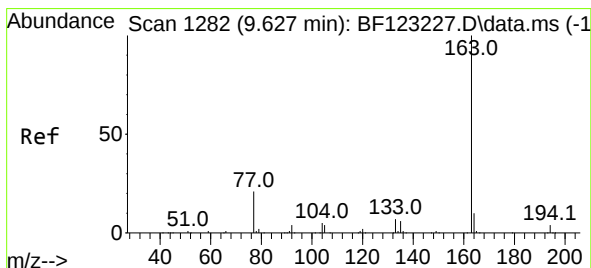
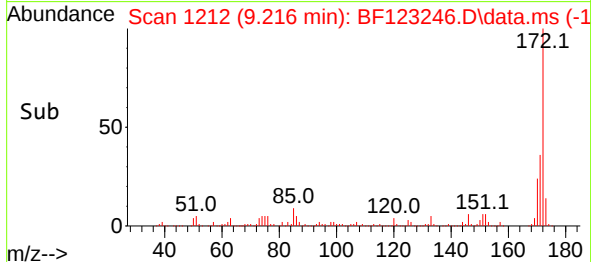
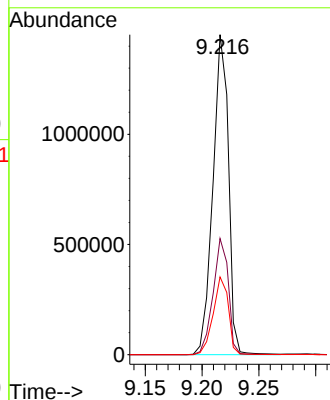
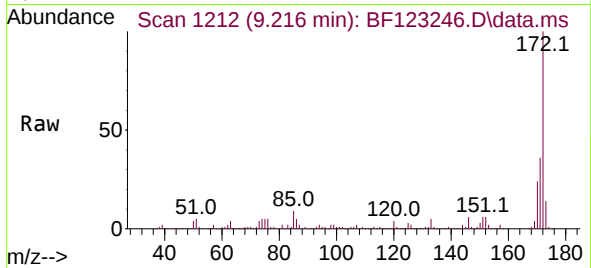




#45
2-Fluorobiphenyl
Concen: 56.59 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

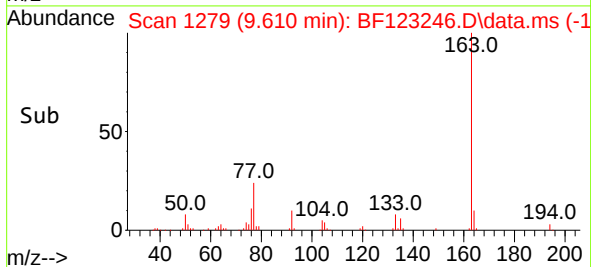
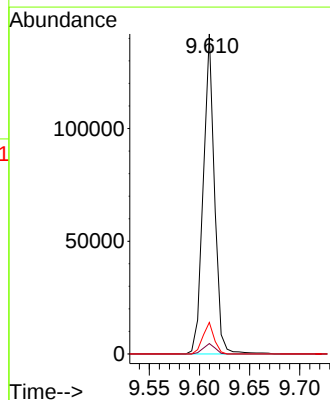
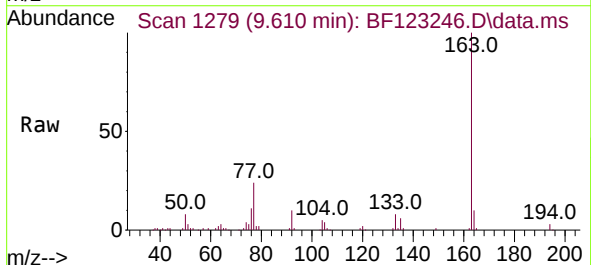
Instrument :
BNA_F
ClientSampleId :
H-2

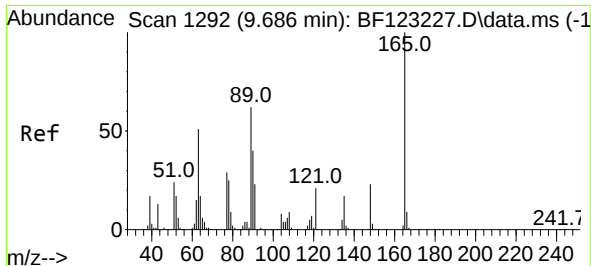
Tgt Ion:172 Resp: 1382543
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion:163 Resp: 111485
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 9.8 8.1 12.1

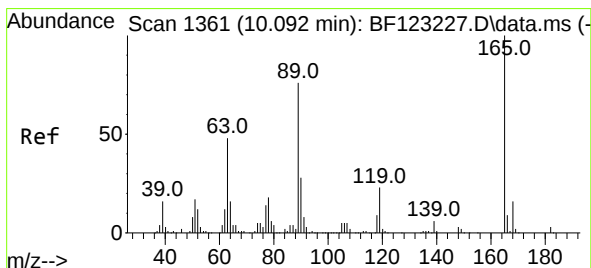
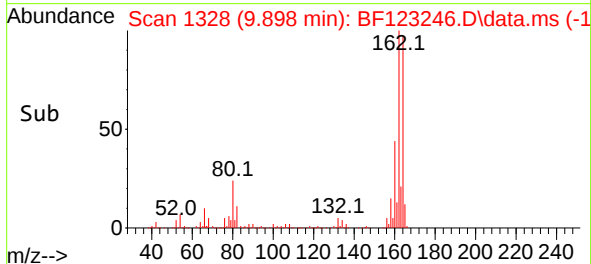
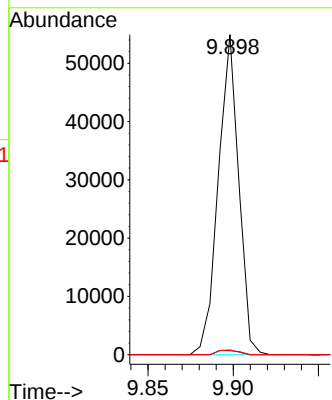
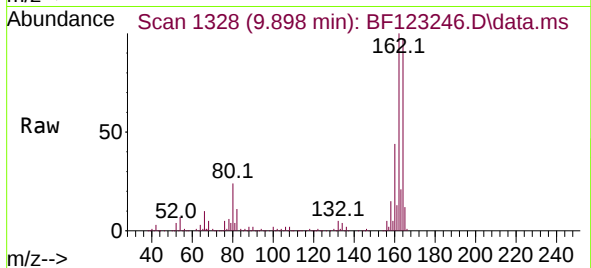




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

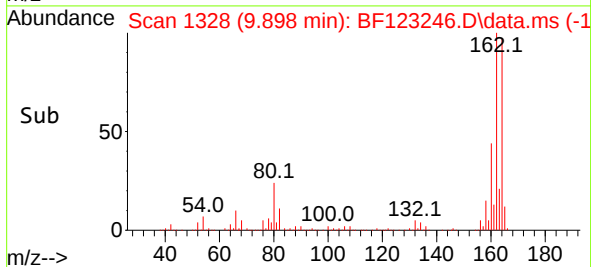
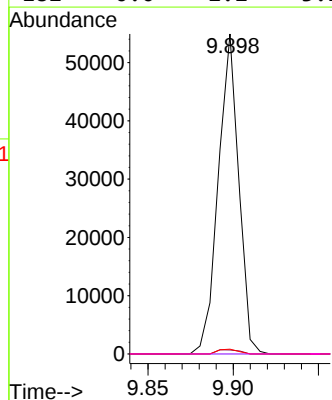
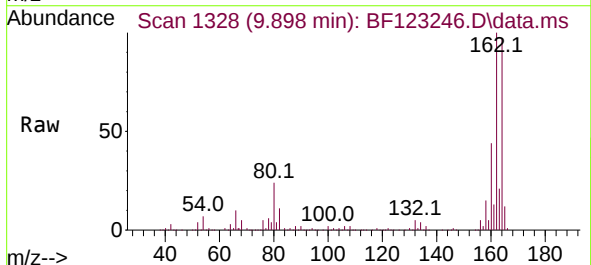
Instrument :
BNA_F
ClientSampled :
H-2

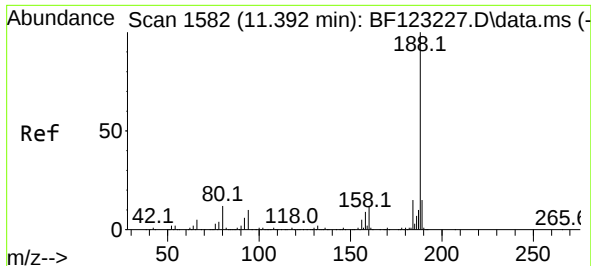
Tgt Ion:165 Resp: 45790
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion:165 Resp: 45790
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

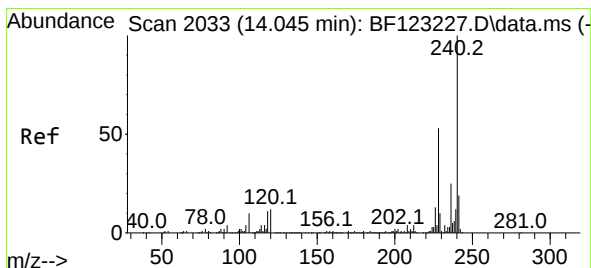
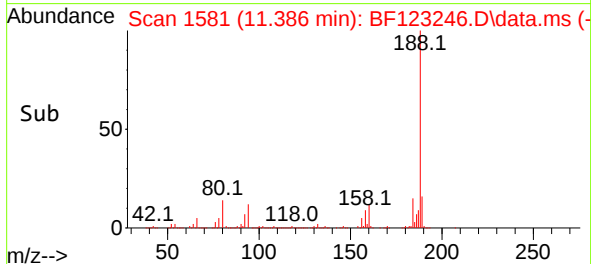
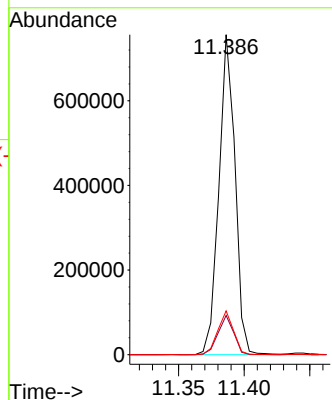
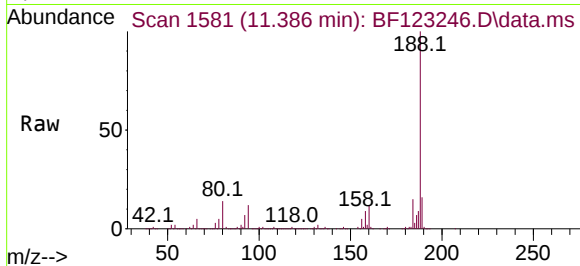




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

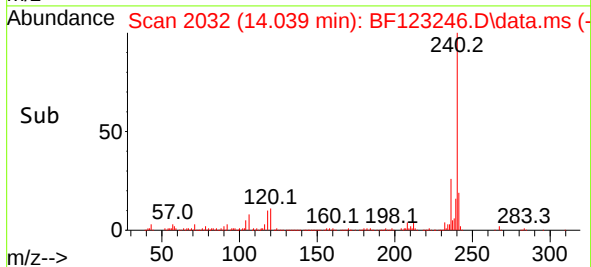
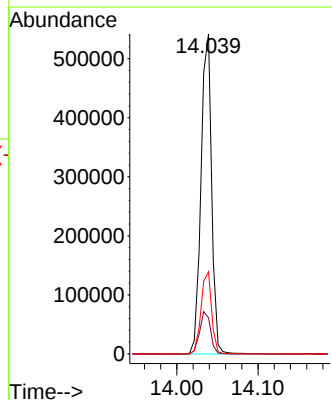
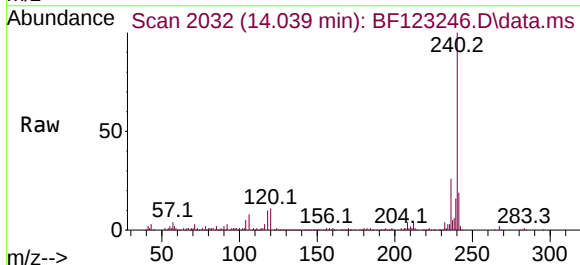
Instrument :
BNA_F
ClientSampleId :
H-2

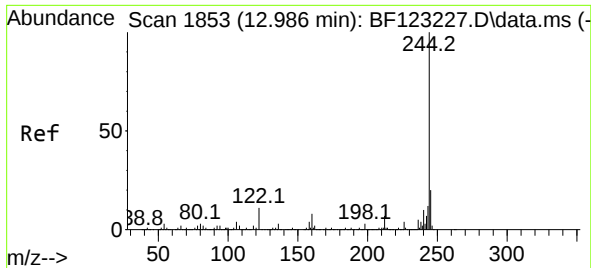
Tgt Ion:188 Resp: 645826
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 13.7 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123246.D
Acq: 20 Feb 2021 15:40

Tgt Ion:240 Resp: 493904
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.7 20.3 30.5

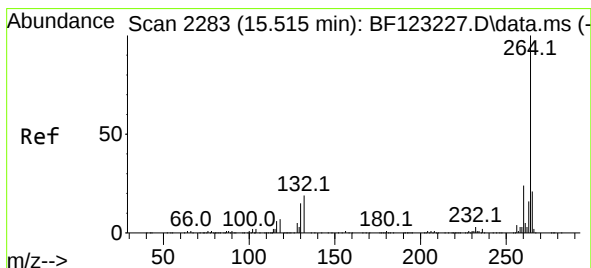
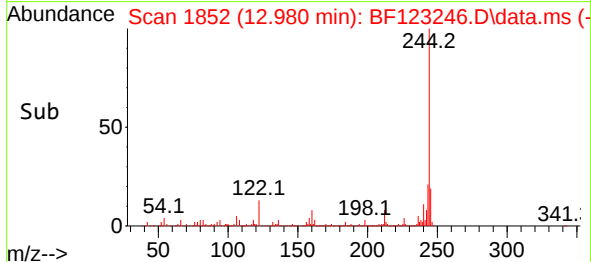
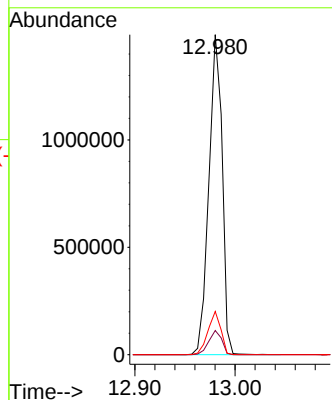
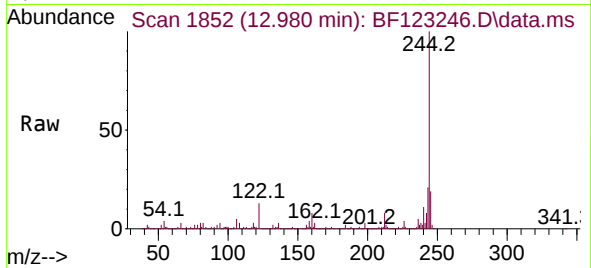




#79
 Terphenyl-d14
 Concen: 53.58 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123246.D
 Acq: 20 Feb 2021 15:40

Instrument :
 BNA_F
 ClientSampleId :
 H-2

Tgt Ion:244 Resp: 1376201
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 13.5 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123246.D
 Acq: 20 Feb 2021 15:40

Tgt Ion:264 Resp: 383144
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.2 17.0 25.6

