

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123259.D
 Acq On : 22 Feb 2021 15:23
 Operator : JU/CG
 Sample : M1452-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 22 15:55:07 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)

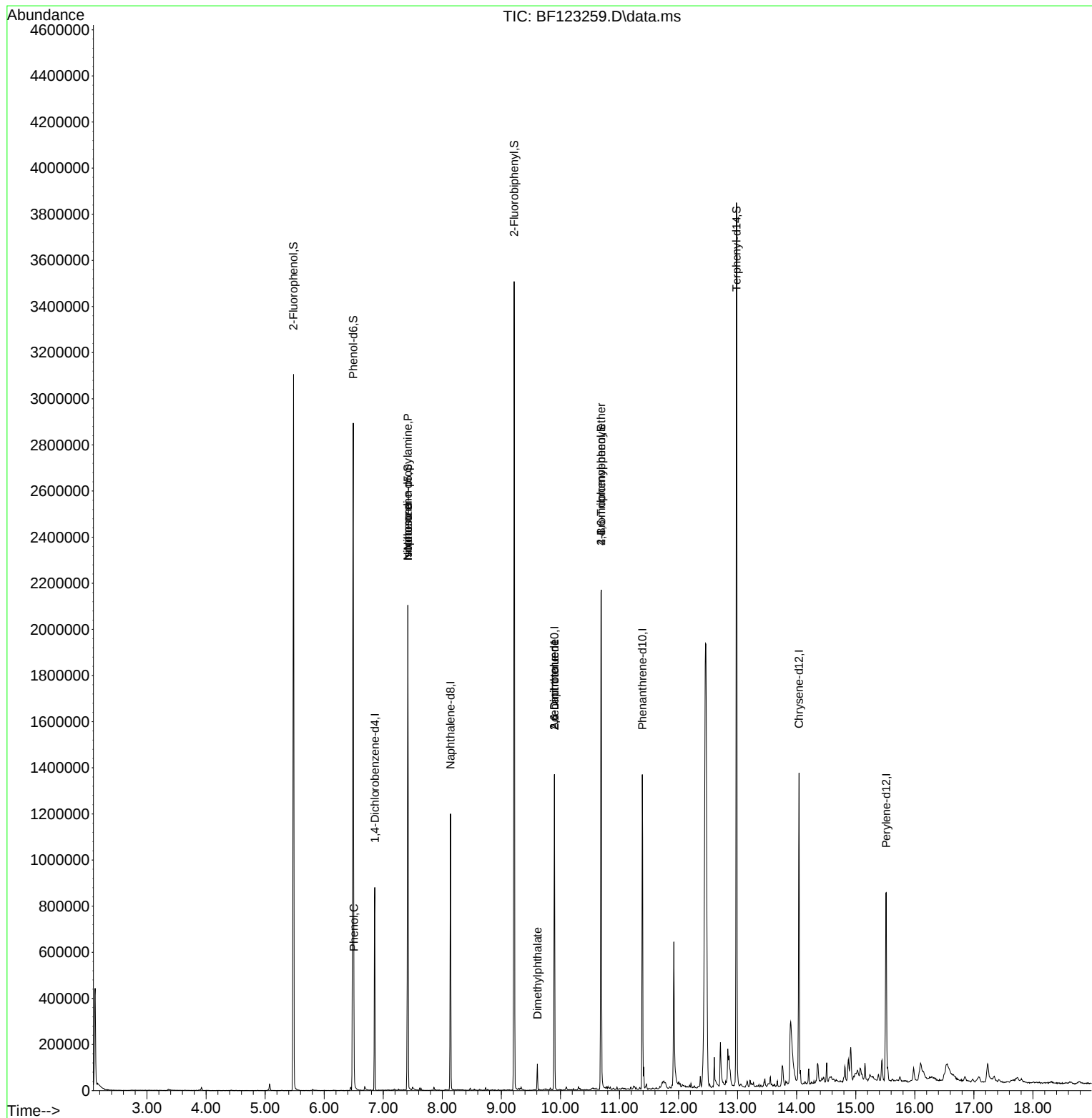
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	113158	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	462206	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	249003	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	466796	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	399376	20.00	ng	0.00
86) Perylene-d12	15.515	264	373069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	785283	99.89	ng	0.00
7) Phenol-d6	6.492	99	1008670	94.44	ng	0.00
23) Nitrobenzene-d5	7.416	82	658633	65.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	244536	96.45	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1043840	60.22	ng	0.00
79) Terphenyl-d14	12.980	244	1199508	57.75	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	2520	Below Cal	#	1
10) Phenol	6.504	94	101524	8.72	ng	92
19) n-Nitroso-di-n-propyla...	7.416	70	91053	14.33	ng	# 79
25) Isophorone	7.416	82	654716	34.68	ng	# 65
50) Dimethylphthalate	9.610	163	37512	2.01	ng	99
51) 2,6-Dinitrotoluene	9.898	165	31205	7.27	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	31205	5.41	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	17752	3.49	ng	# 1

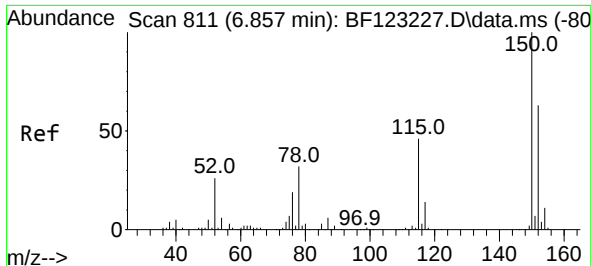
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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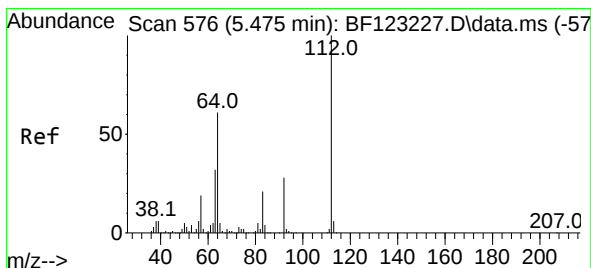
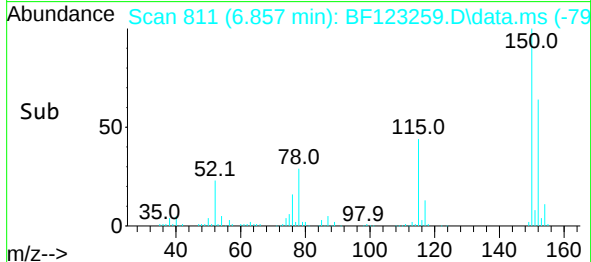
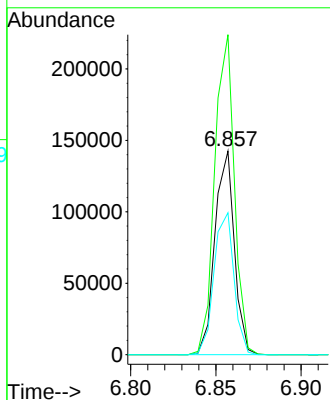
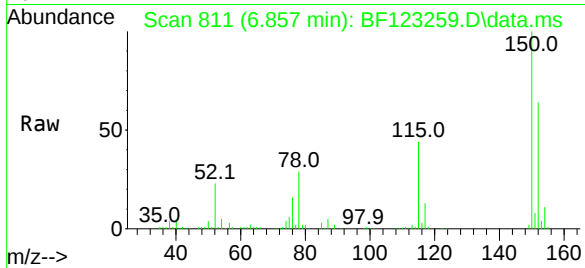




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

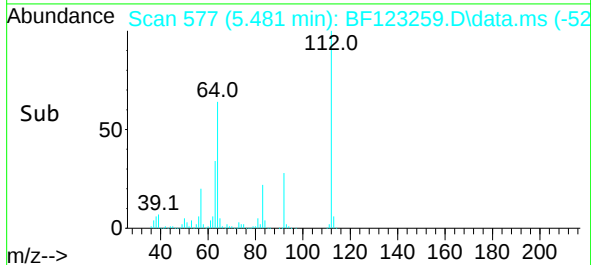
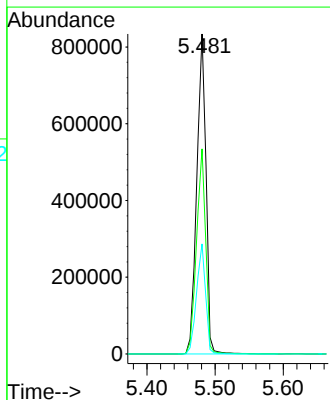
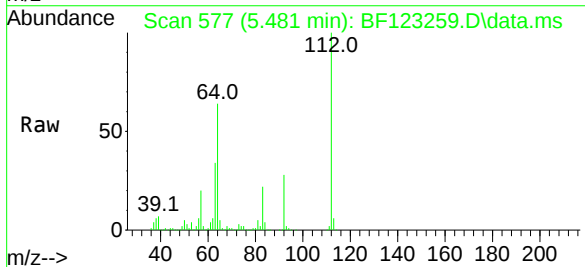
Instrument :
BNA_F
ClientSampleId :
TP-1

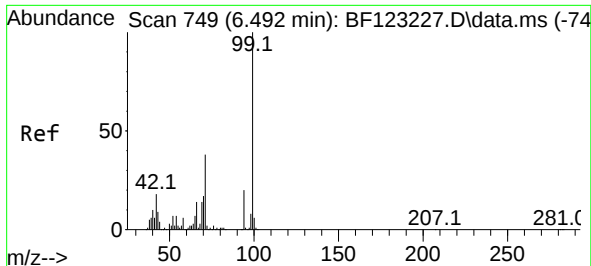
Tgt Ion:152 Resp: 113158
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 69.7 49.3 73.9



#5
2-Fluorophenol
Concen: 99.89 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:112 Resp: 785283
Ion Ratio Lower Upper
112 100
64 64.1 46.9 70.3
63 34.4 24.5 36.7

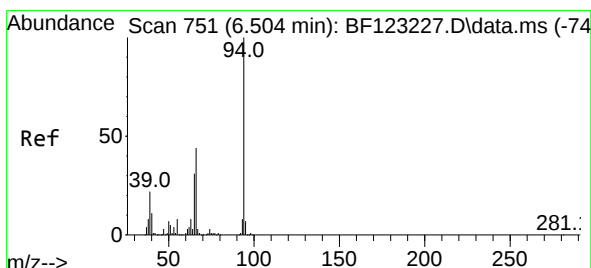
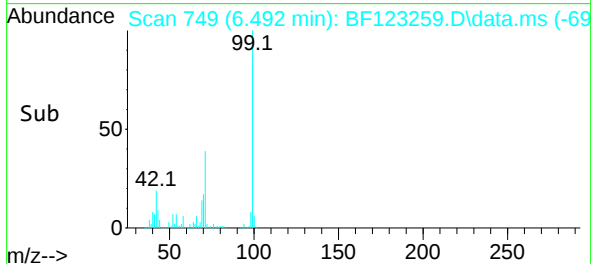
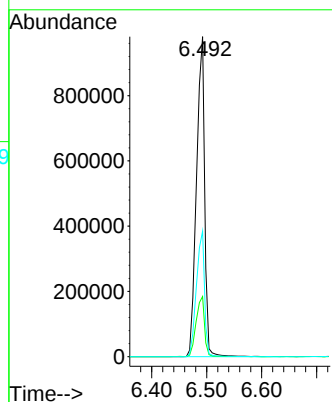
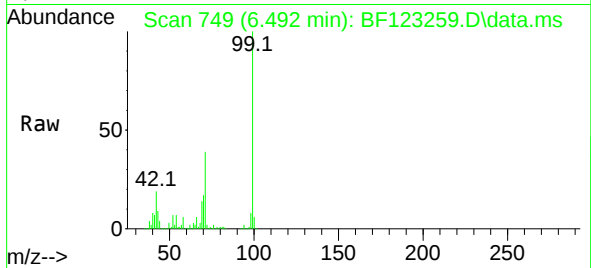




#7
Phenol-d6
Concen: 94.44 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

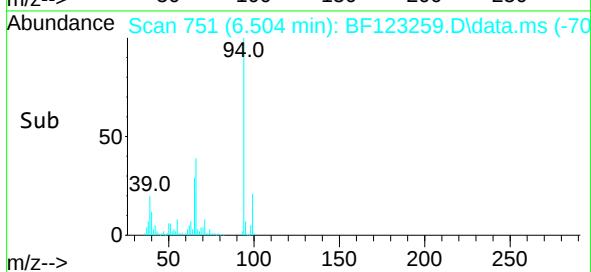
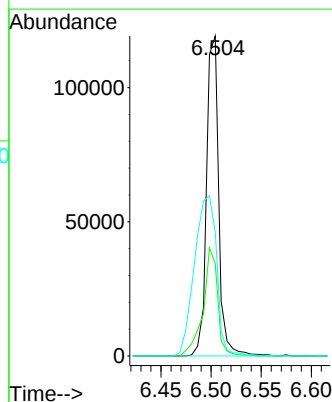
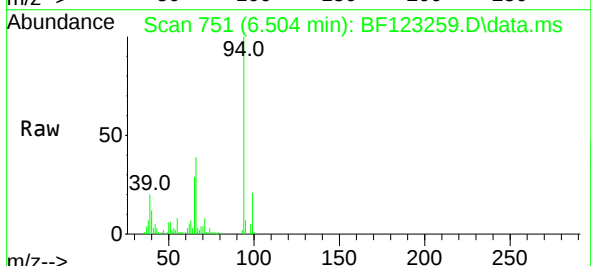
Instrument :
BNA_F
ClientSampleId :
TP-1

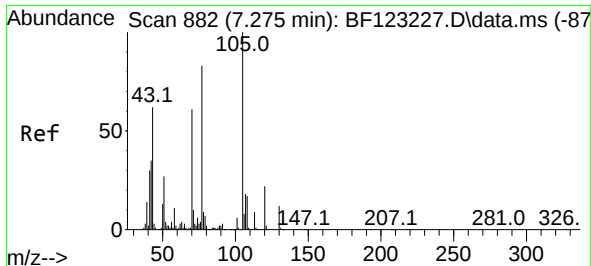
Tgt Ion: 99 Resp: 1008670
Ion Ratio Lower Upper
99 100
42 18.8 13.8 20.6
71 39.2 26.9 40.3



#10
Phenol
Concen: 8.72 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

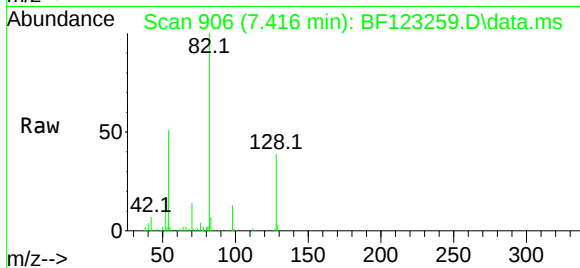
Tgt Ion: 94 Resp: 101524
Ion Ratio Lower Upper
94 100
65 28.8 11.2 51.2
66 38.8 25.8 65.8



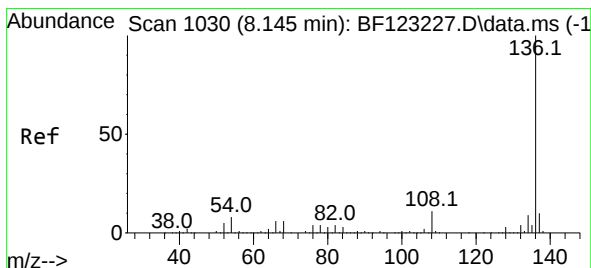
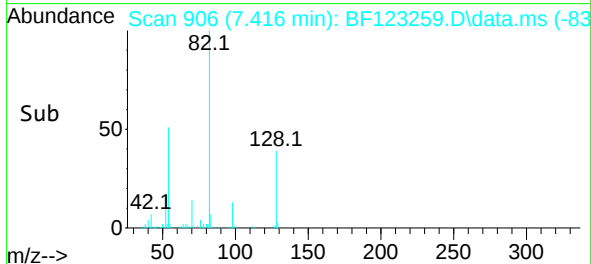
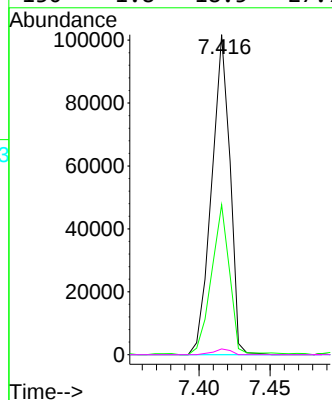


#19
n-Nitroso-di-n-propylamine
Concen: 14.33 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Instrument :
BNA_F
ClientSampleId :
TP-1

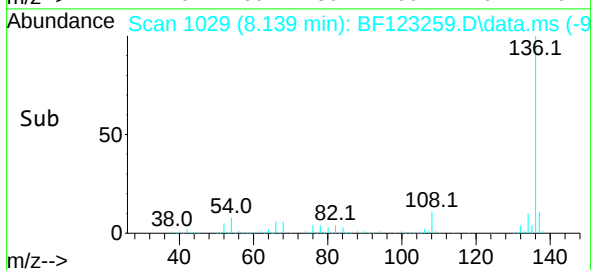
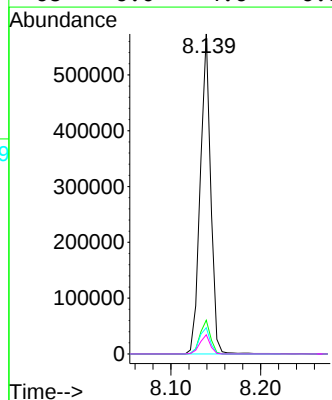
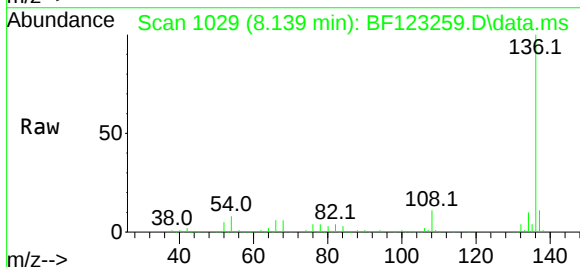


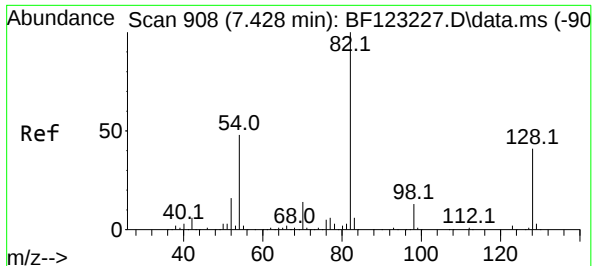
Tgt Ion: 70 Resp: 91053
Ion Ratio Lower Upper
70 100
42 46.8 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion: 136 Resp: 462206
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 5.5 8.3
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.23 ng

RT: 7.416 min Scan# 906

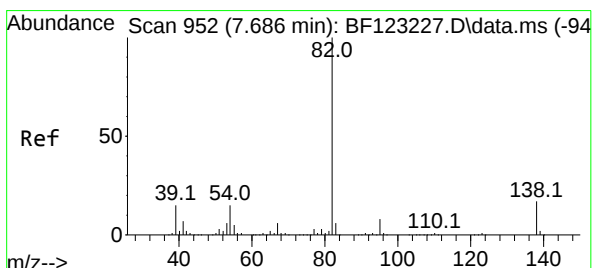
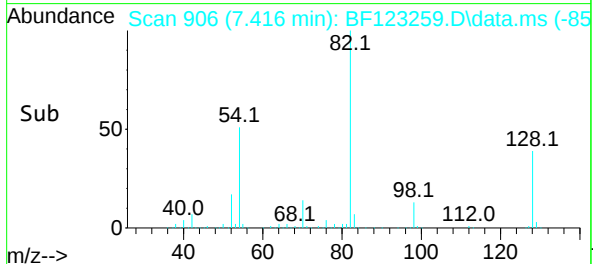
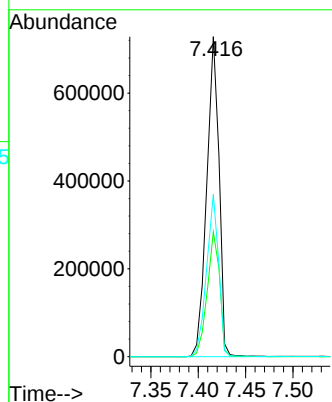
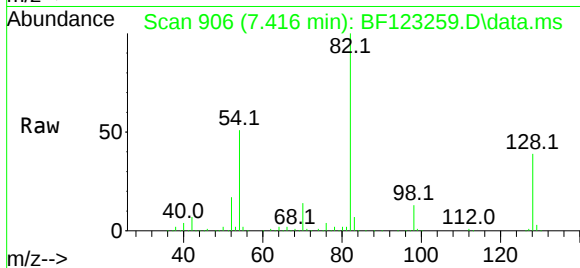
Delta R.T. -0.012 min

Lab File: BF123259.D

Acq: 22 Feb 2021 15:23

Tgt Ion: 82 Resp: 658633

Ion	Ratio	Lower	Upper
82	100		
128	39.0	37.0	55.4
54	50.7	38.4	57.6



#25

Isophorone

Concen: 34.68 ng

RT: 7.416 min Scan# 906

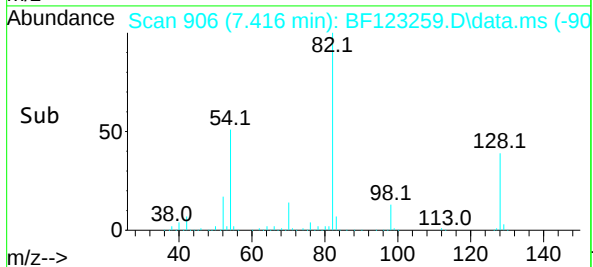
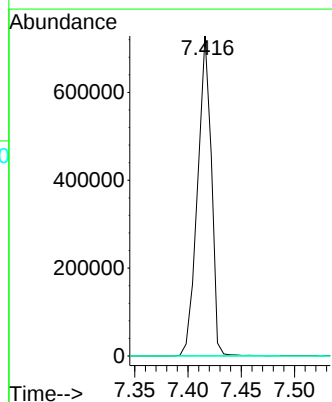
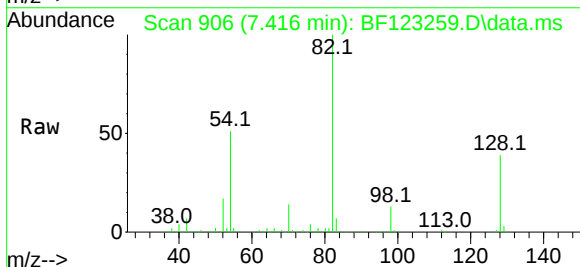
Delta R.T. -0.271 min

Lab File: BF123259.D

Acq: 22 Feb 2021 15:23

Tgt Ion: 82 Resp: 654716

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

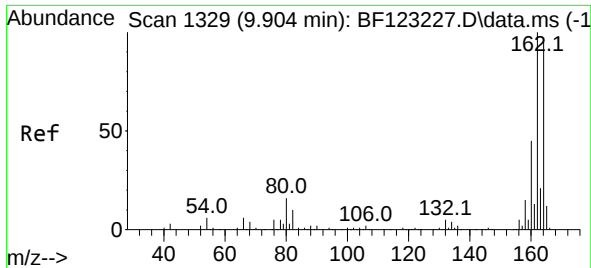


Instrument :

BNA_F

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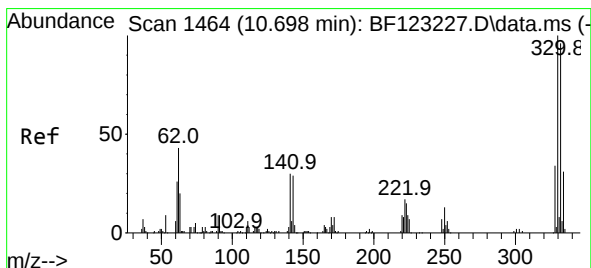
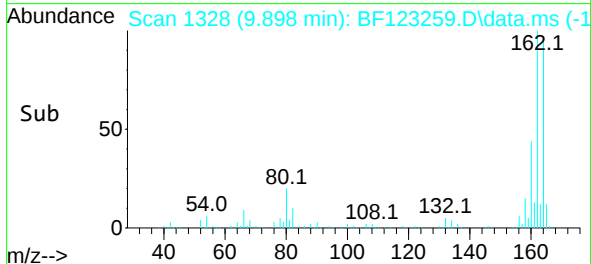
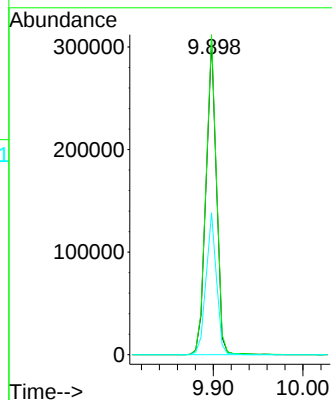
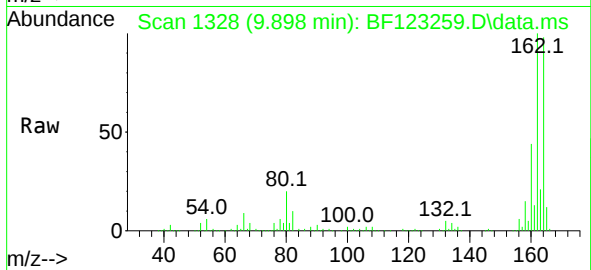
TP-1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

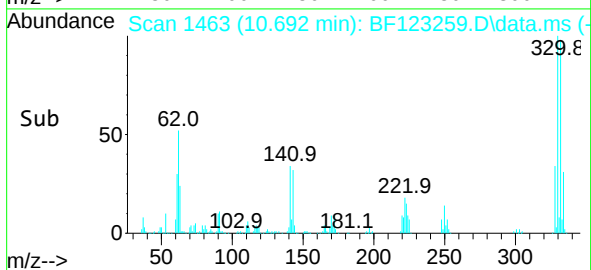
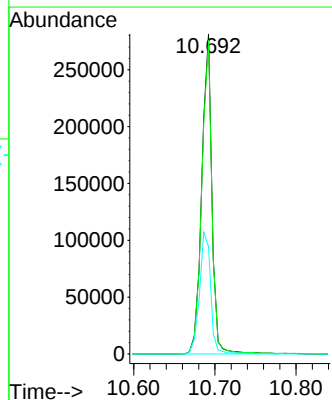
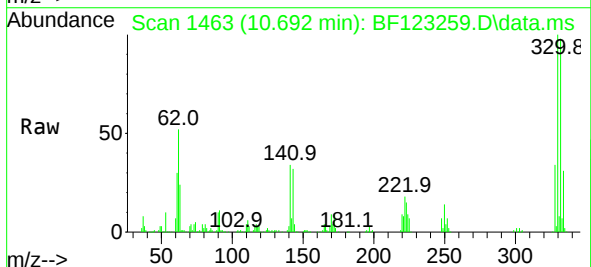
Instrument :
BNA_F
ClientSampleId :
TP-1

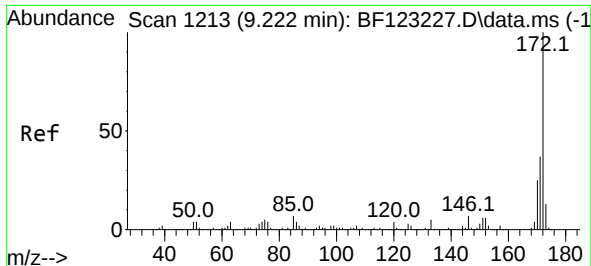
Tgt Ion:164 Resp: 249003
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 96.45 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:330 Resp: 244536
Ion Ratio Lower Upper
330 100
332 98.5 77.5 116.3
141 42.4 23.8 35.8#

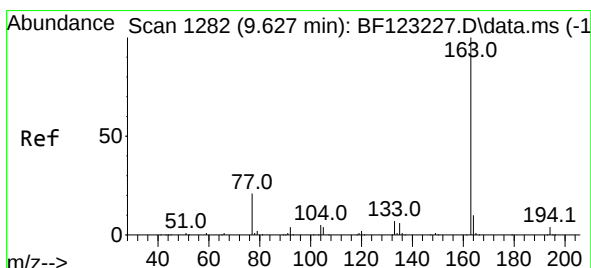
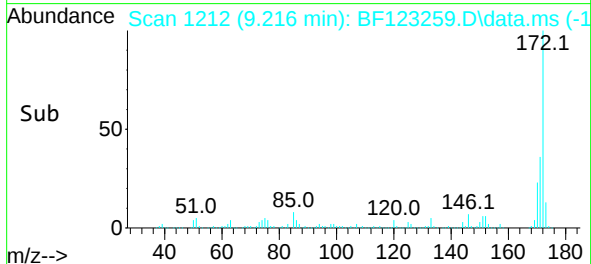
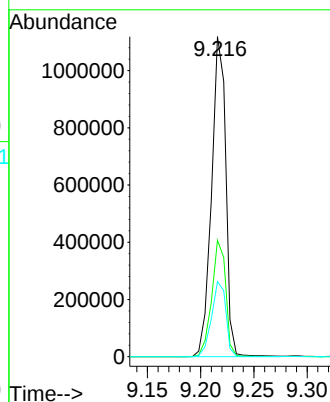
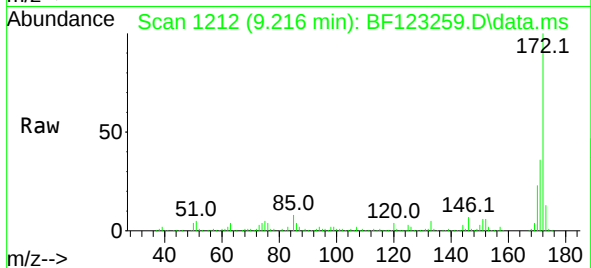




#45
2-Fluorobiphenyl
Concen: 60.22 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

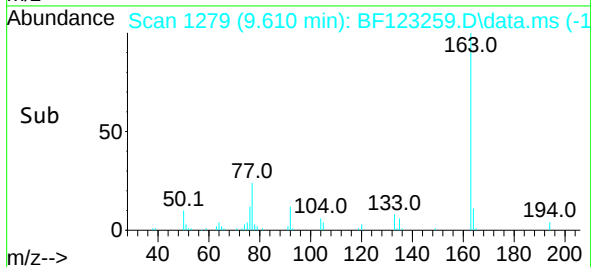
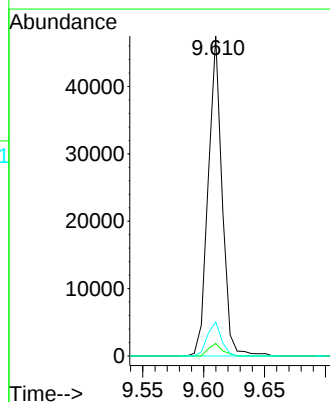
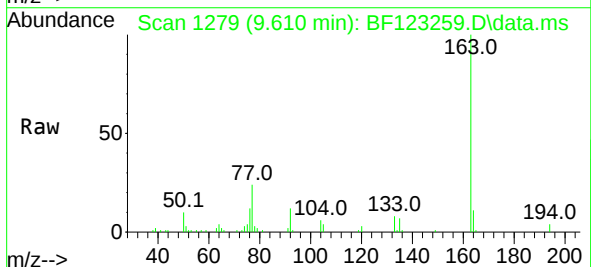
Instrument :
BNA_F
ClientSampled :
TP-1

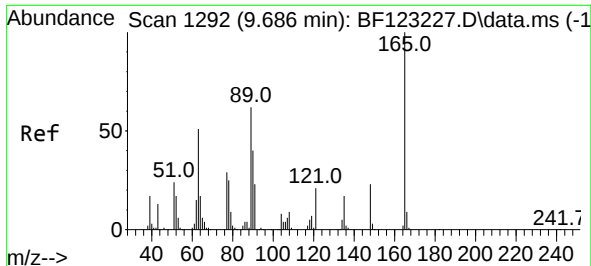
Tgt Ion:172 Resp: 1043840
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.5 19.5 29.3



#50
Dimethylphthalate
Concen: 2.01 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:163 Resp: 37512
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 8.1 12.1

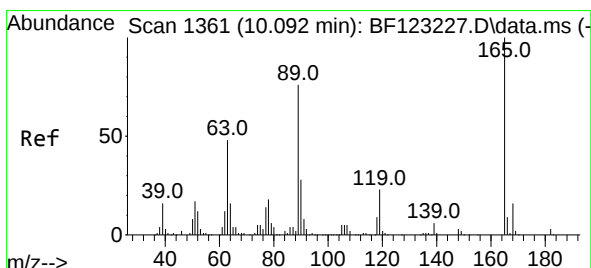
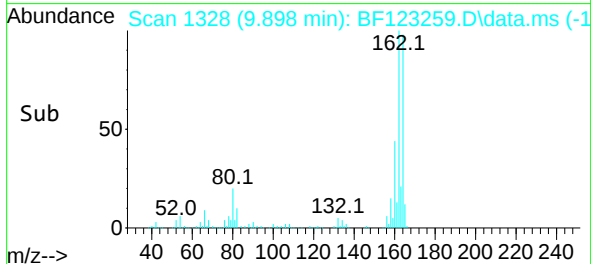
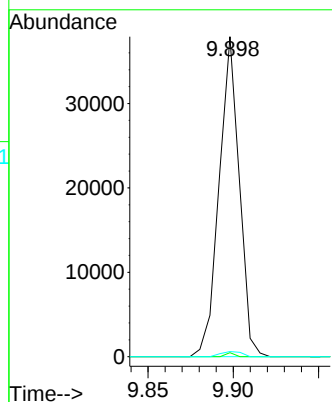
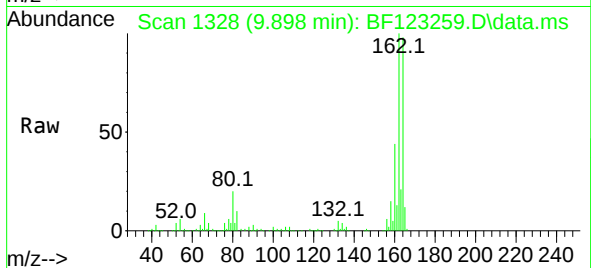




#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

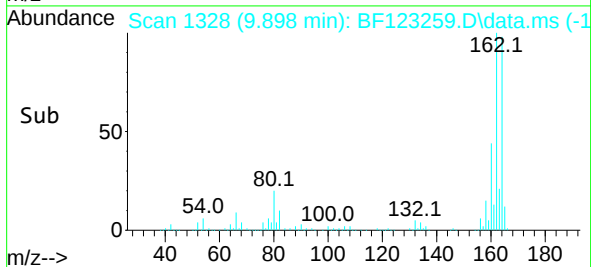
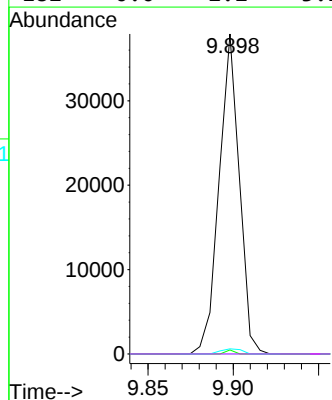
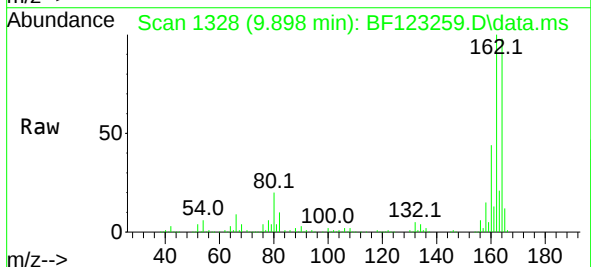
Instrument :
BNA_F
ClientSampled :
TP-1

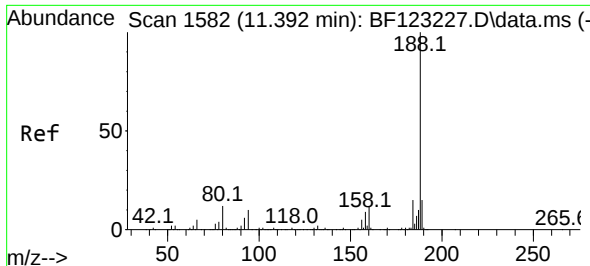
Tgt Ion:165 Resp: 31205
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:165 Resp: 31205
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

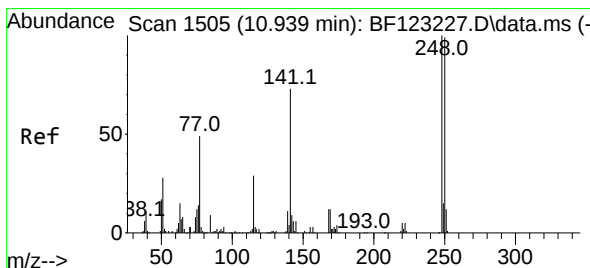
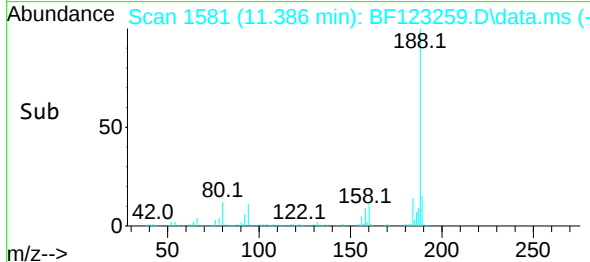
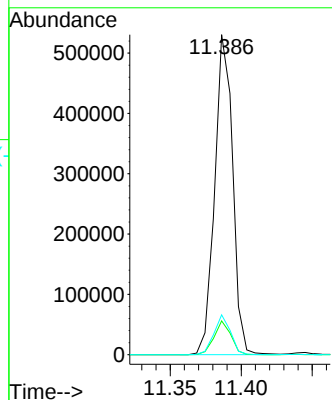
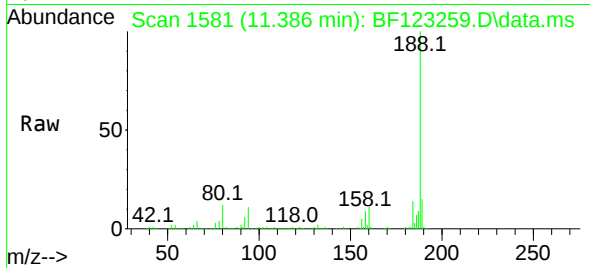




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

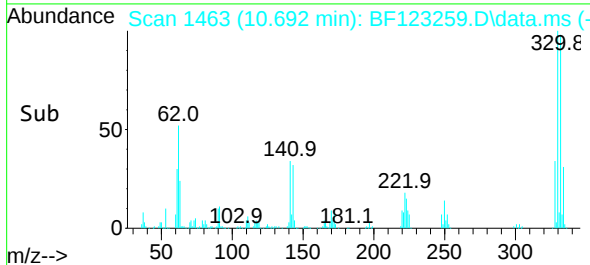
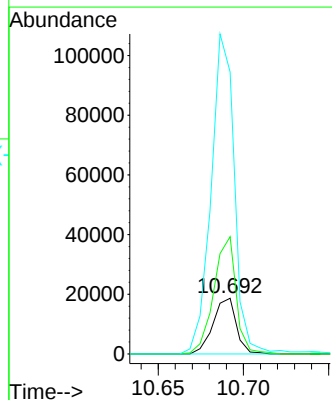
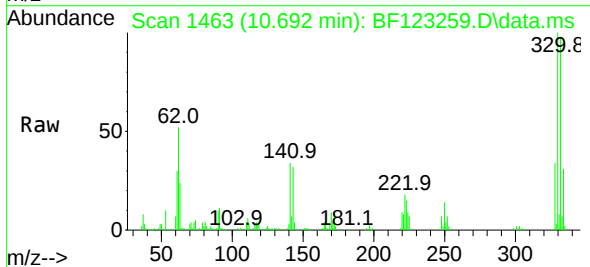
Instrument :
BNA_F
ClientSampleId :
TP-1

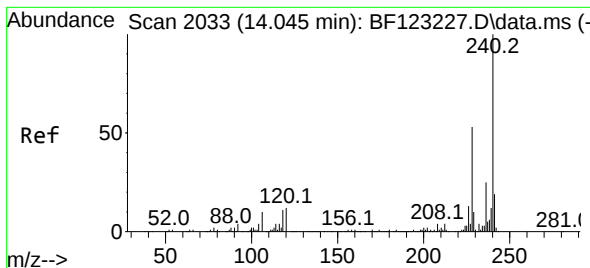
Tgt Ion:188 Resp: 466796
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 12.4 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:248 Resp: 17752
Ion Ratio Lower Upper
248 100
250 210.9 76.8 115.2#
141 506.7 59.8 89.8#

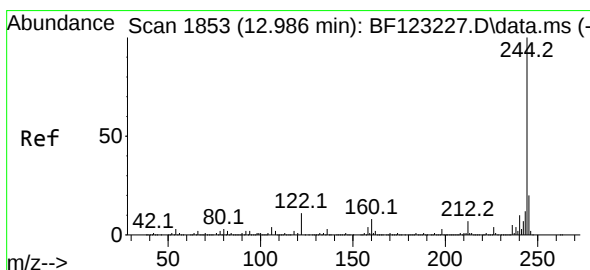
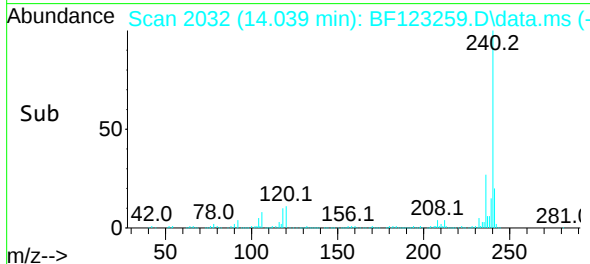
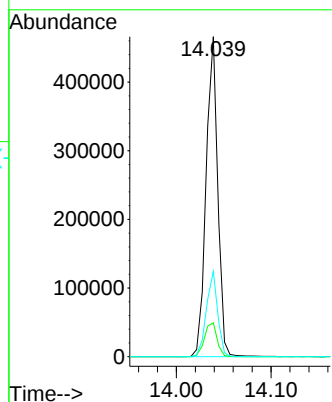
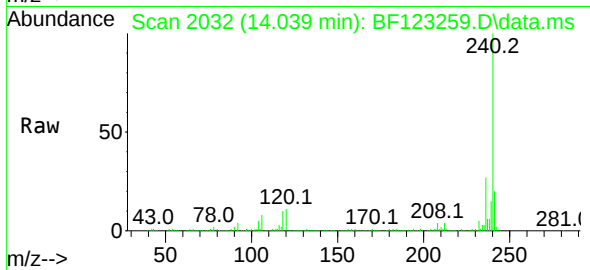




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

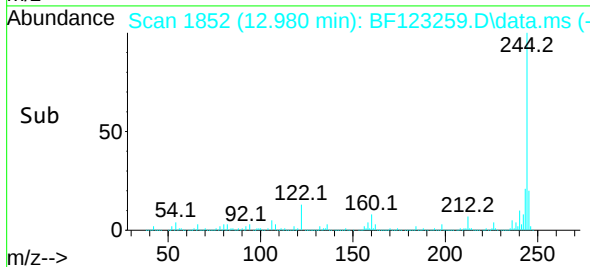
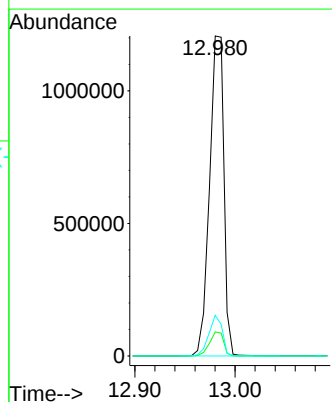
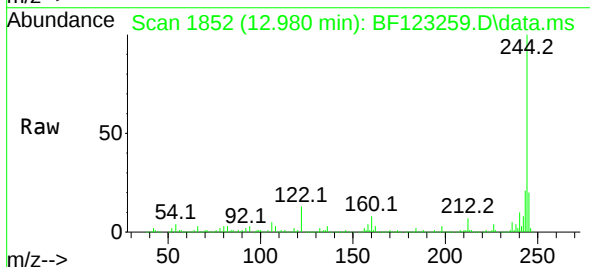
Instrument :
BNA_F
ClientSampled :
TP-1

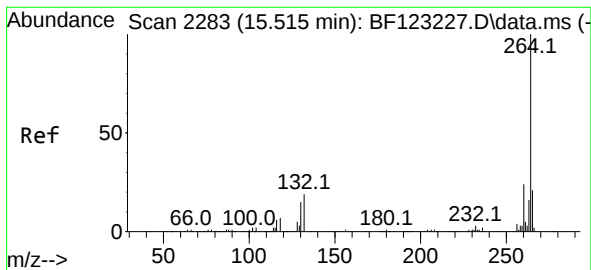
Tgt Ion:240 Resp: 399376
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.7 20.3 30.5



#79
Terphenyl-d14
Concen: 57.75 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123259.D
Acq: 22 Feb 2021 15:23

Tgt Ion:244 Resp: 1199508
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.7 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123259.D
 Acq: 22 Feb 2021 15:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 373069
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.8 17.0 25.6

