

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123250.D
 Acq On : 20 Feb 2021 17:47
 Operator : JU/CG
 Sample : M1433-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FR-WEST

Quant Time: Feb 22 03:17:08 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)

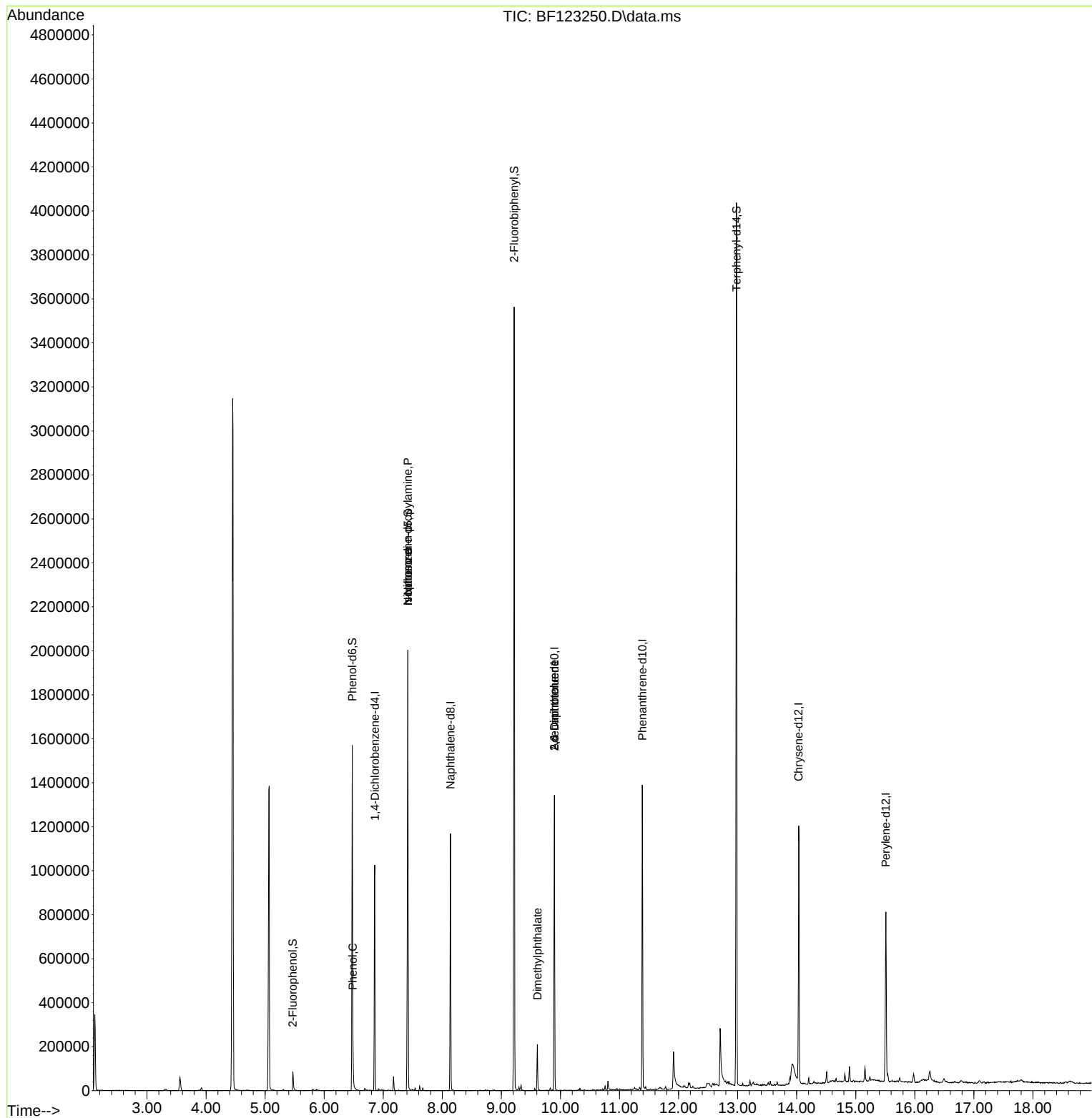
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	139329	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	464794	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	241124	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	463552	20.00	ng	0.00
76) Chrysene-d12	14.033	240	392801	20.00	ng	#-0.01
86) Perylene-d12	15.509	264	312281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	25433	2.63	ng	0.00
7) Phenol-d6	6.475	99	456273	34.70	ng	-0.02
23) Nitrobenzene-d5	7.416	82	626833	61.74	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.216	172	1041869	62.07	ng	0.00
79) Terphenyl-d14	12.980	244	1213639	59.41	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	892	Below Cal	#	1
10) Phenol	6.486	94	32166	2.24	ng	95
19) n-Nitroso-di-n-propyla...	7.416	70	84701	10.83	ng	# 79
25) Isophorone	7.416	82	622818	32.80	ng	# 65
50) Dimethylphthalate	9.610	163	76568	4.25	ng	99
51) 2,6-Dinitrotoluene	9.898	165	30439	7.32	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	30439	5.45	ng	# 26

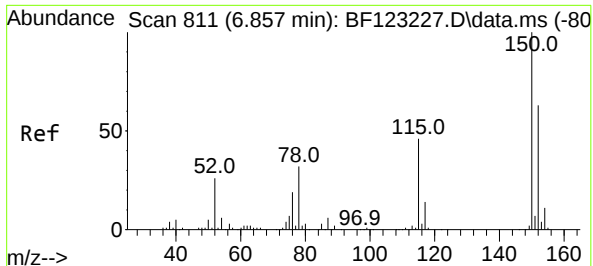
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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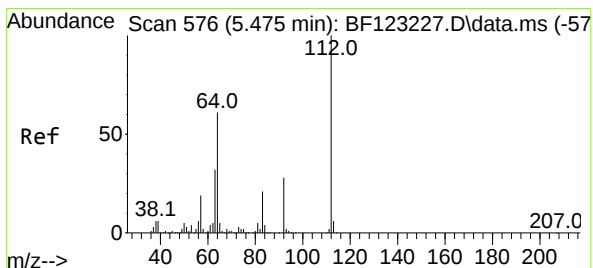
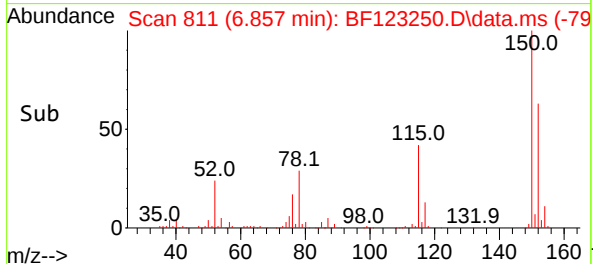
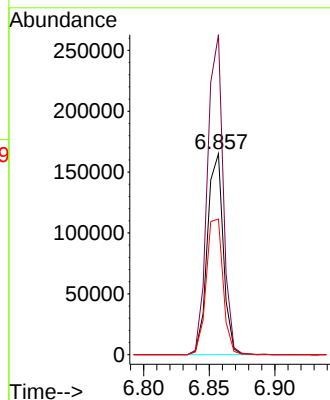
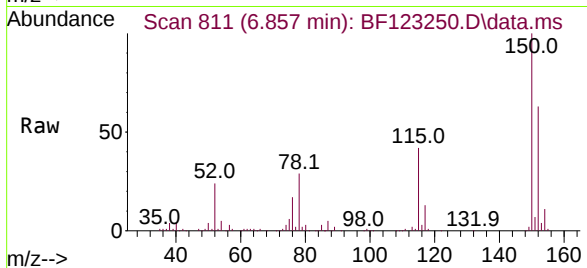




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

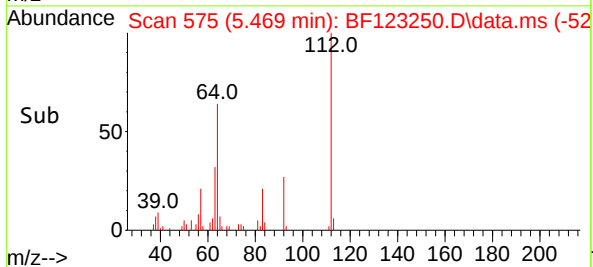
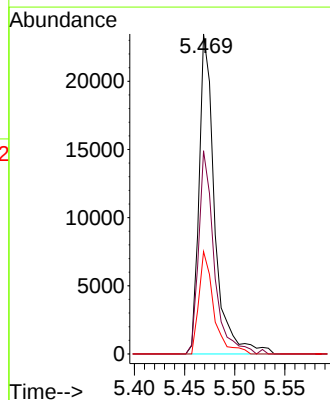
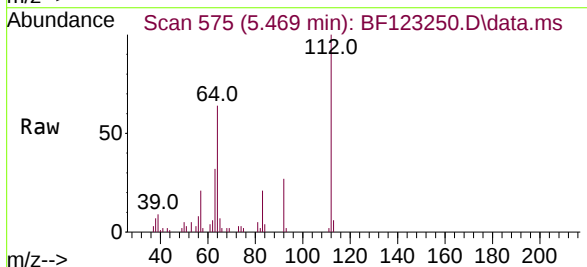
Instrument :
BNA_F
ClientSampleId :
FR-WEST

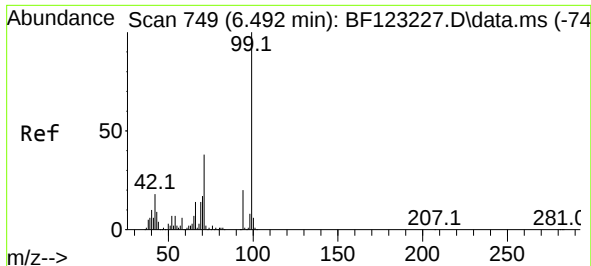
Tgt Ion:152 Resp: 139329
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 67.5 49.3 73.9



#5
2-Fluorophenol
Concen: 2.63 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:112 Resp: 25433
Ion Ratio Lower Upper
112 100
64 63.5 46.9 70.3
63 32.0 24.5 36.7

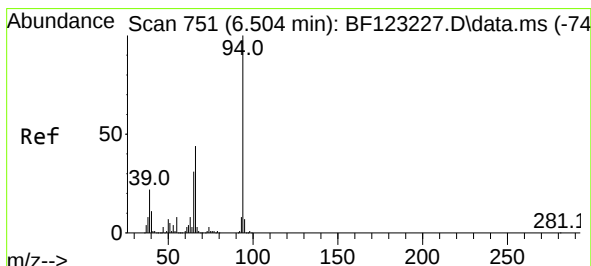
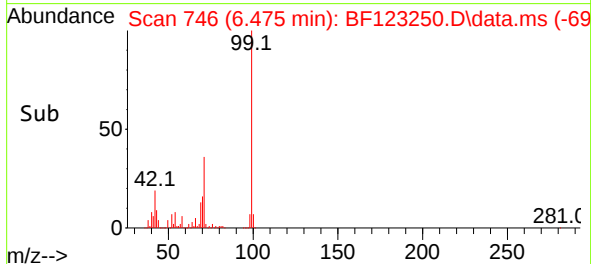
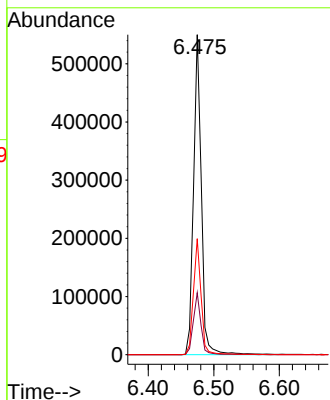
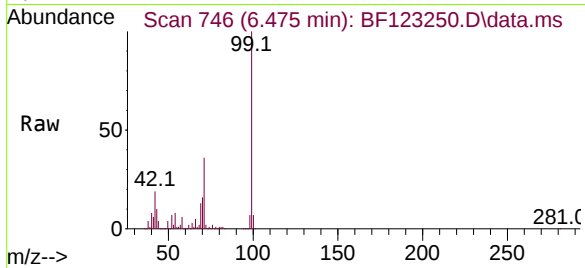




#7
Phenol-d6
Concen: 34.70 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

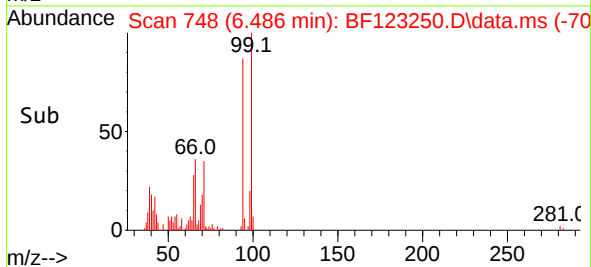
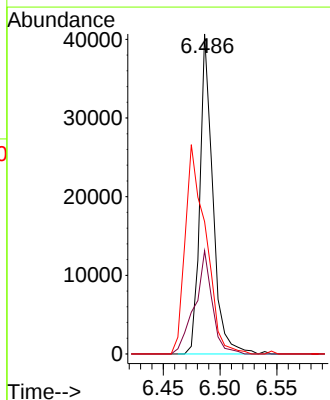
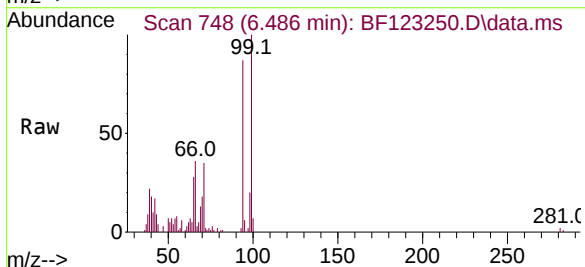
Instrument :
BNA_F
ClientSampleId :
FR-WEST

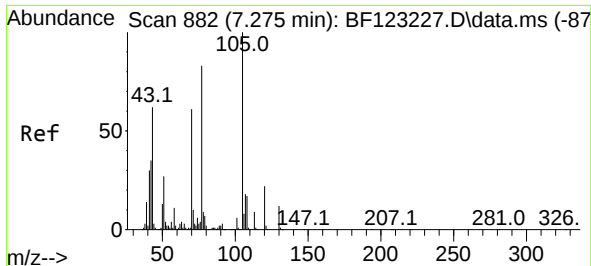
Tgt Ion: 99 Resp: 456273
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 36.3 26.9 40.3



#10
Phenol
Concen: 2.24 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion: 94 Resp: 32166
Ion Ratio Lower Upper
94 100
65 32.3 11.2 51.2
66 41.4 25.8 65.8

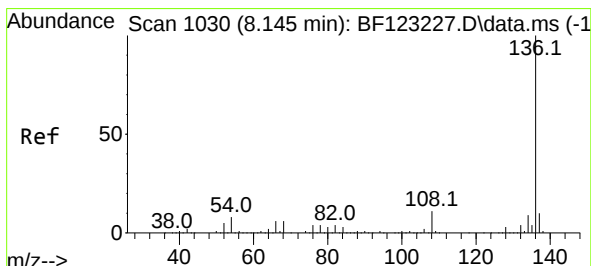
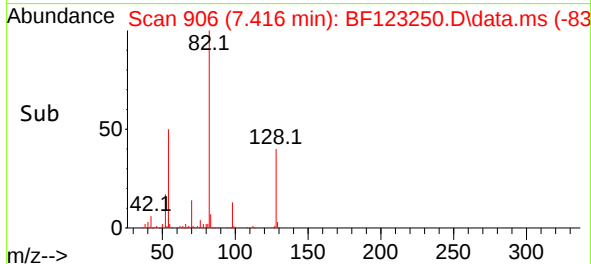
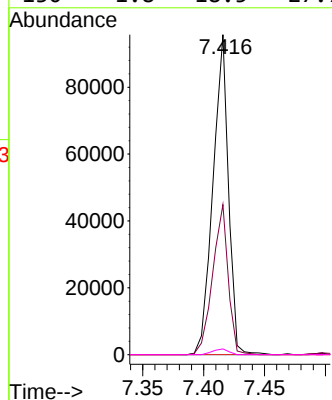
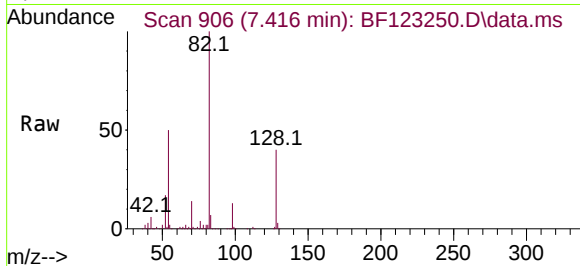




#19
n-Nitroso-di-n-propylamine
Concen: 10.83 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

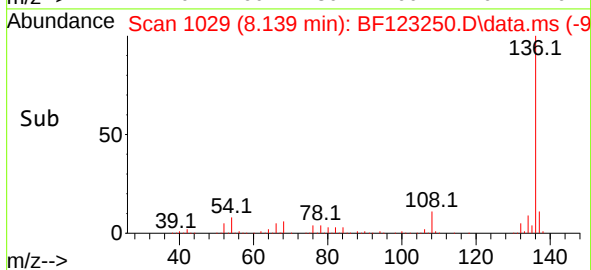
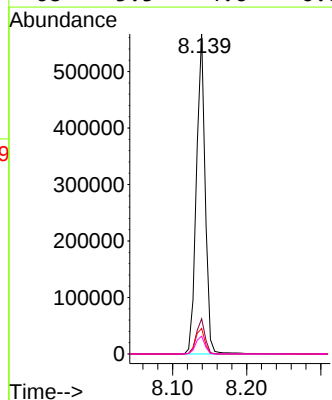
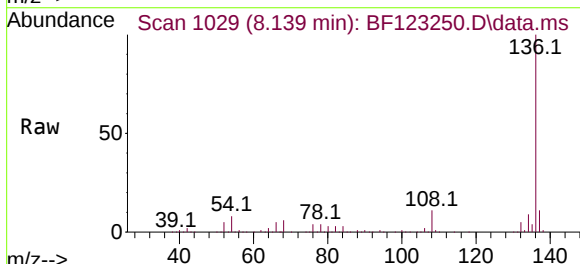
Instrument :
BNA_F
ClientSampleId :
FR-WEST

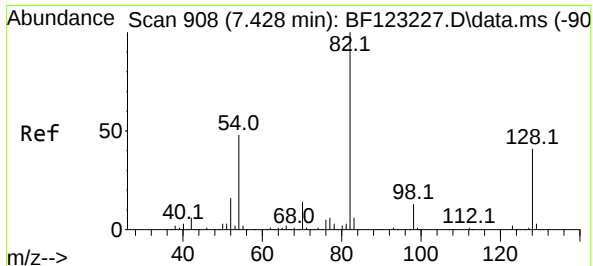
Tgt Ion:	70	Resp:	84701
Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:	136	Resp:	464794
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	5.5	8.3
68	5.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 61.74 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123250.D

Acq: 20 Feb 2021 17:47

Tgt Ion: 82 Resp: 626833

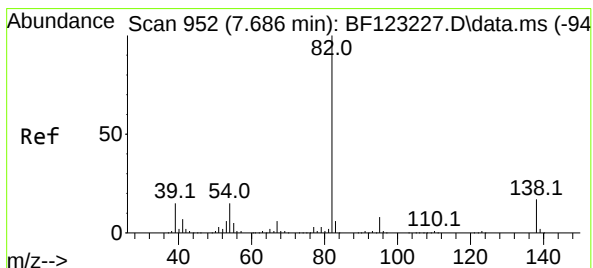
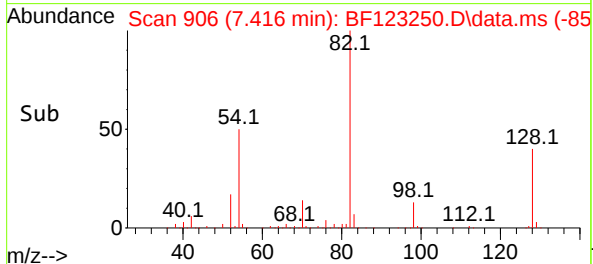
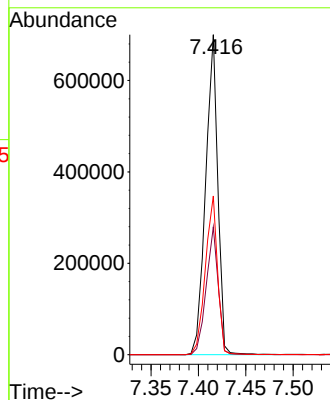
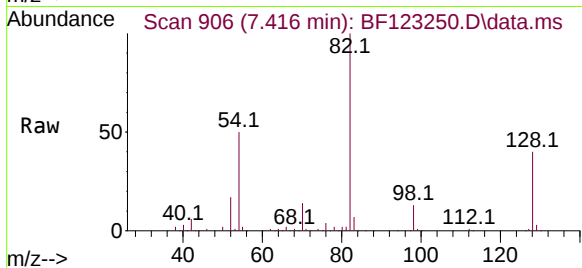
Ion	Ratio	Lower	Upper
82	100		
128	39.9	37.0	55.4
54	49.6	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

FR-WEST



#25

Isophorone

Concen: 32.80 ng

RT: 7.416 min Scan# 906

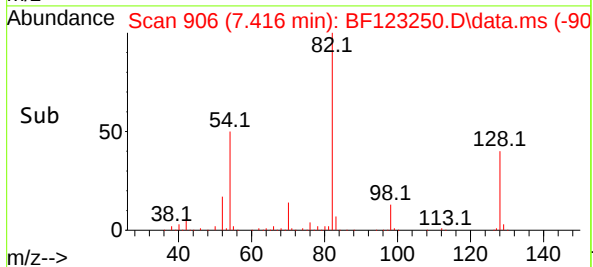
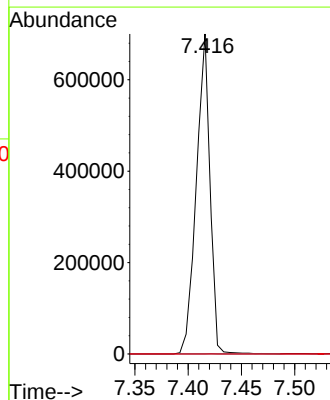
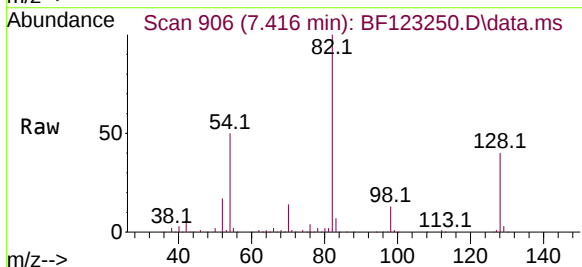
Delta R.T. -0.271 min

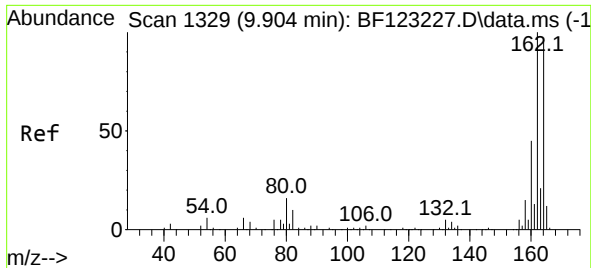
Lab File: BF123250.D

Acq: 20 Feb 2021 17:47

Tgt Ion: 82 Resp: 622818

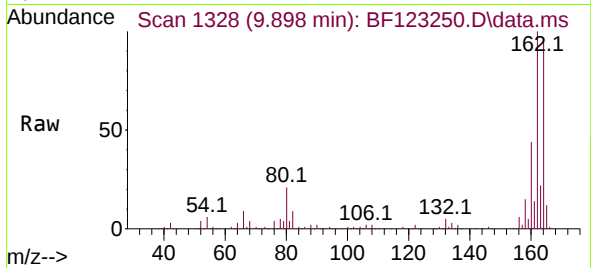
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



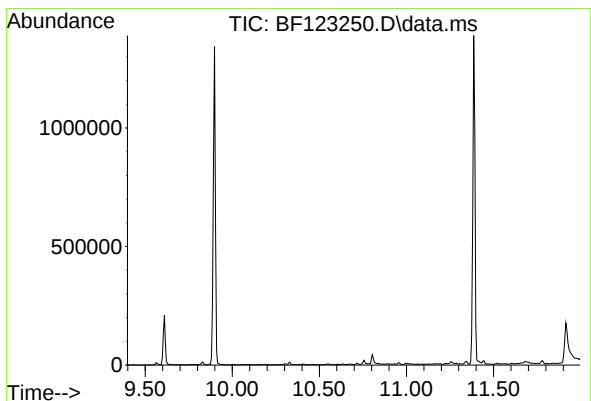
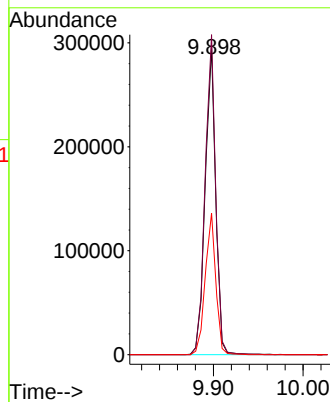
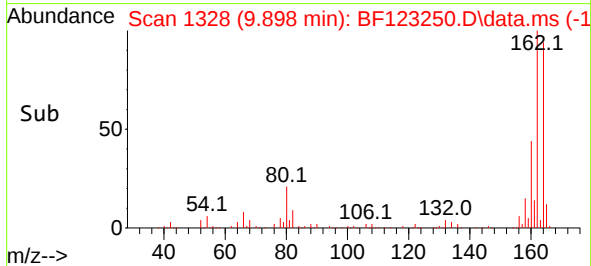


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Instrument :
BNA_F
ClientSampleId :
FR-WEST



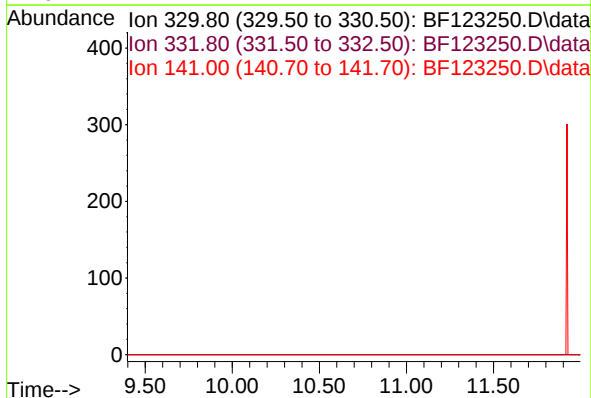
Tgt Ion:164 Resp: 241124
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 46.1 35.4 53.0

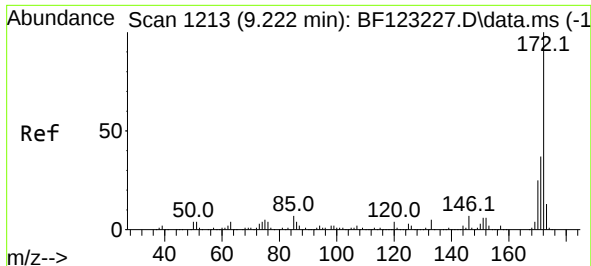


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.70 min

Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.9
141 29.8

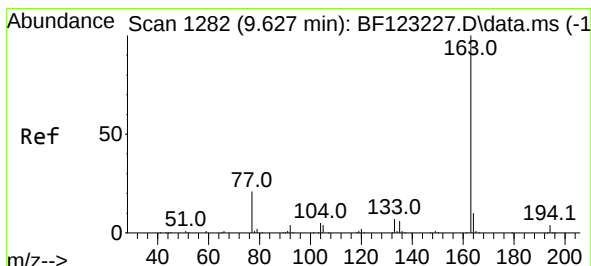
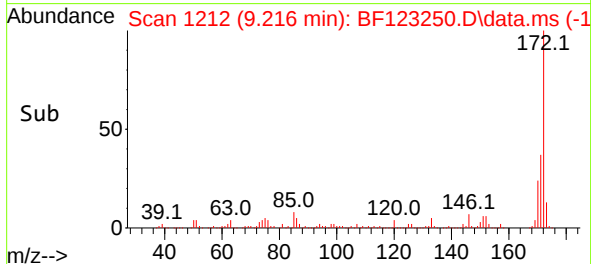
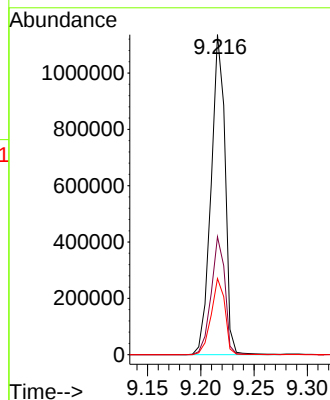
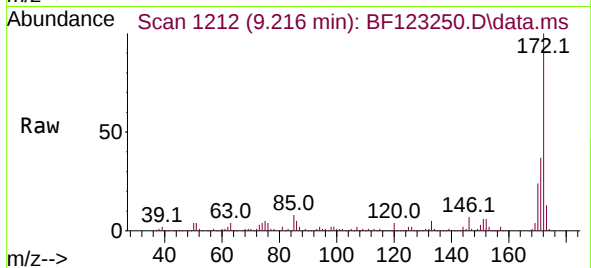




#45
2-Fluorobiphenyl
Concen: 62.07 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

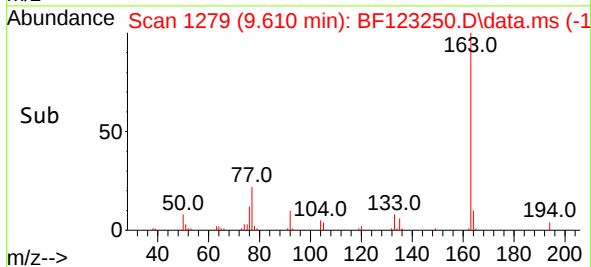
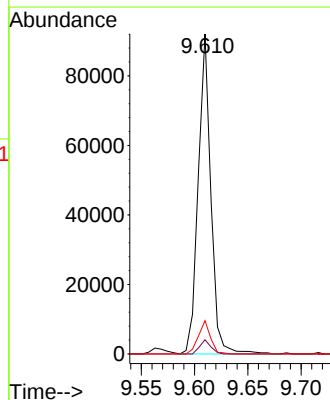
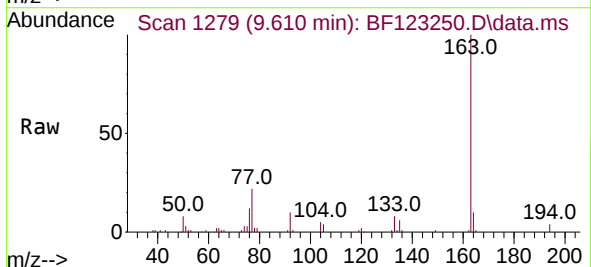
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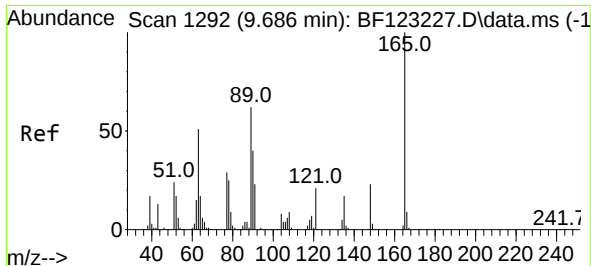
Tgt Ion:172 Resp: 1041869
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:163 Resp: 76568
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.4 8.1 12.1

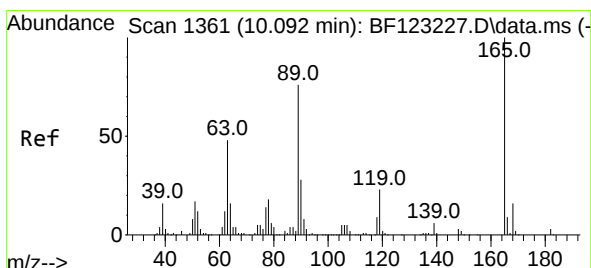
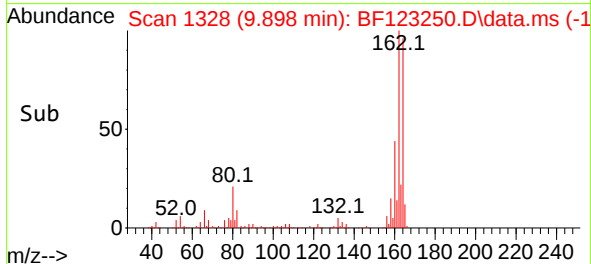
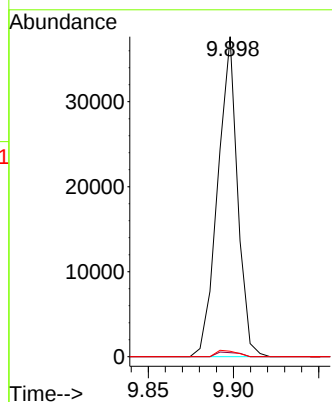
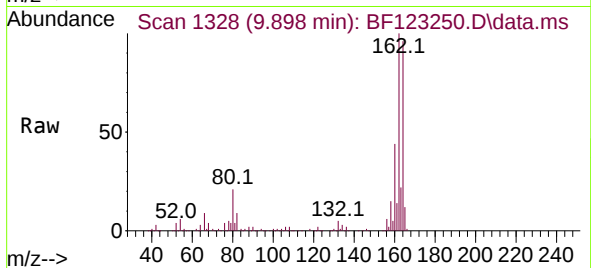




#51
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

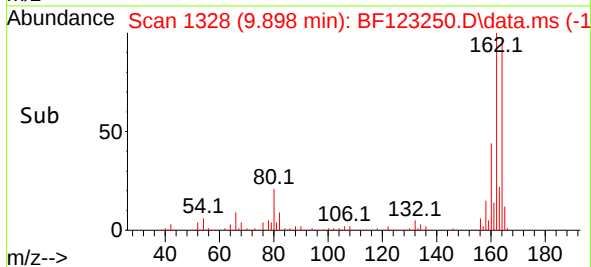
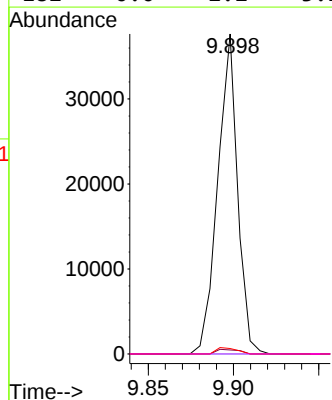
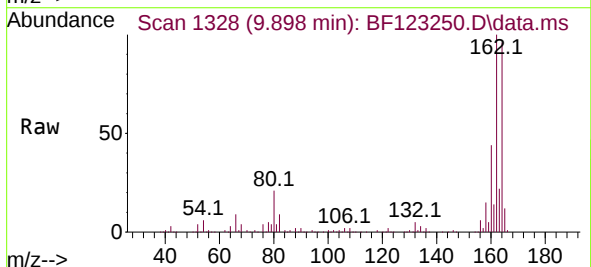
Instrument :
BNA_F
ClientSampleId :
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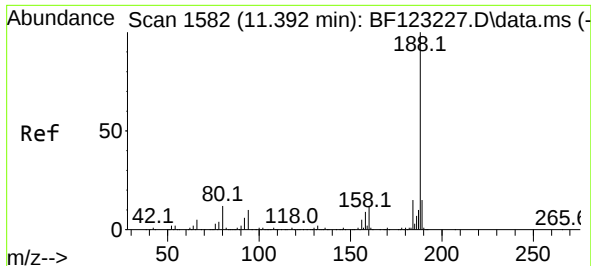
Tgt Ion:165 Resp: 30439
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:165 Resp: 30439
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

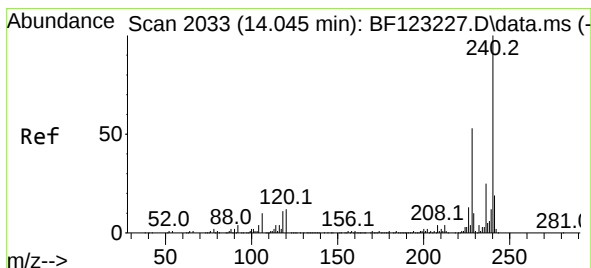
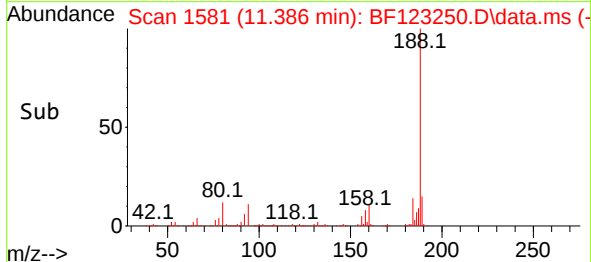
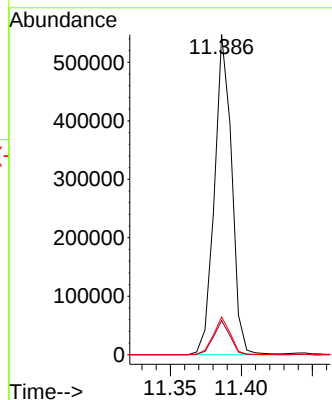
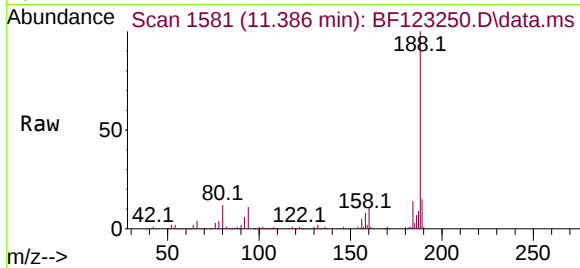




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

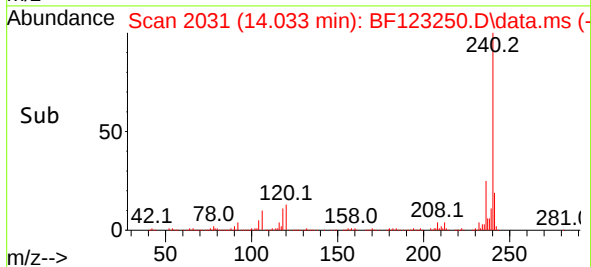
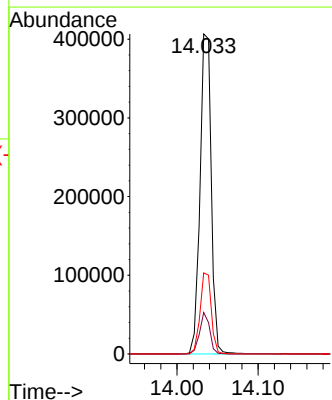
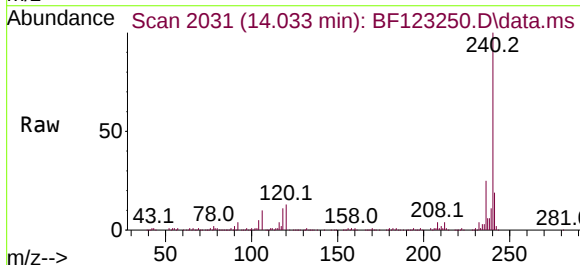
Instrument :
BNA_F
ClientSampleId :
FR-WEST

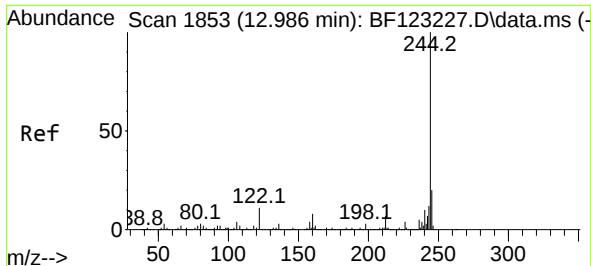
Tgt Ion:188 Resp: 463552
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:240 Resp: 392801
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 25.4 20.3 30.5

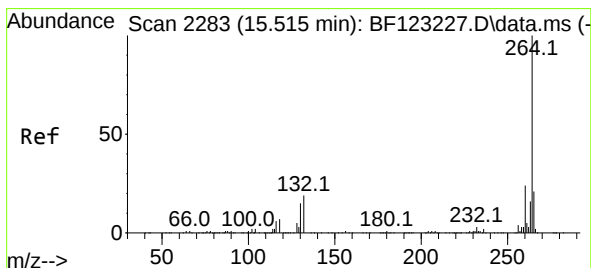
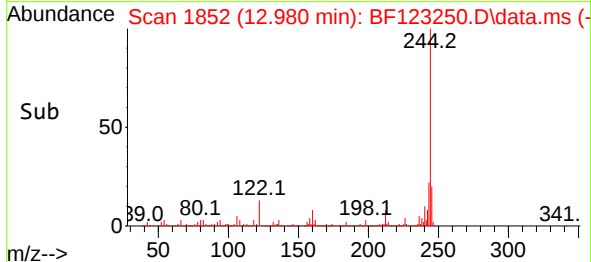
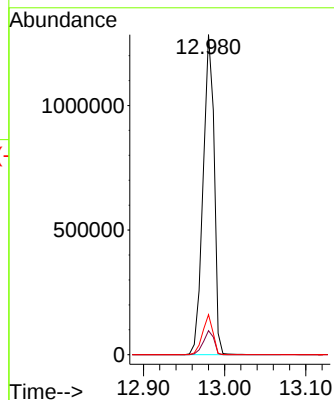
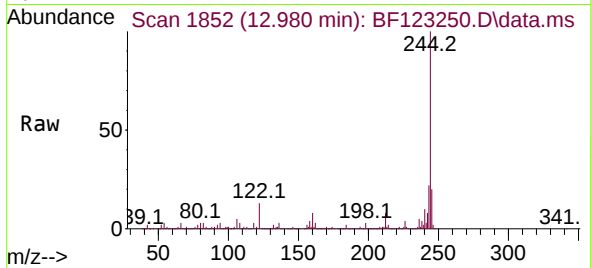




#79
Terphenyl-d14
Concen: 59.41 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123250.D
Acq: 20 Feb 2021 17:47

Instrument :
BNA_F
ClientSampleId :
FR-WEST

Tgt Ion:244 Resp: 1213639
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.5 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: BF123250.D
Acq: 20 Feb 2021 17:47

Tgt Ion:264 Resp: 312281
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.5 17.0 25.6

