

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123148.D
 Acq On : 8 Feb 2021 17:43
 Operator : JU/CG
 Sample : M1317-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:30:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

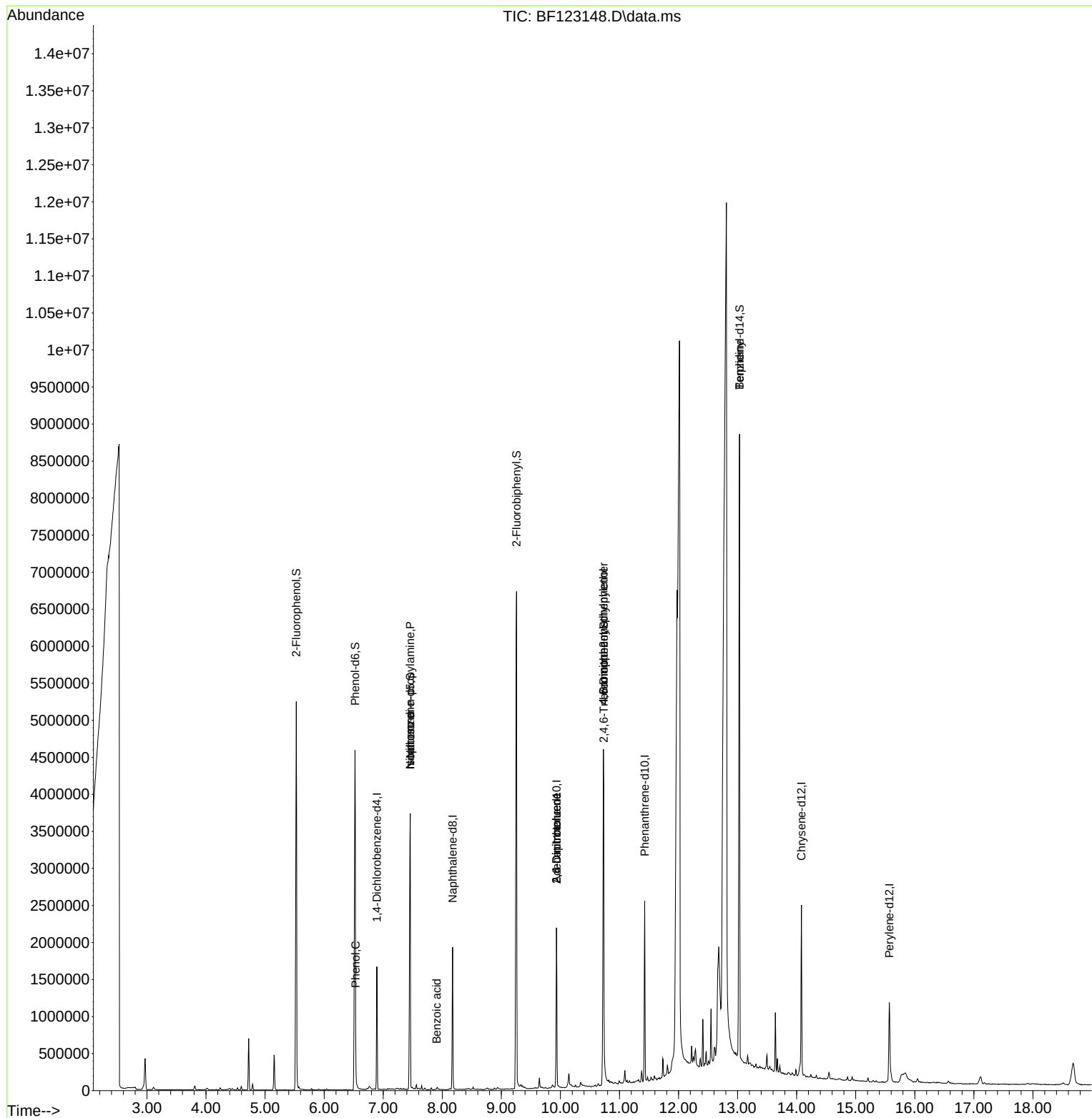
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	217304	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	835854	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	466661	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	858427	20.00	ng	0.00
76) Chrysene-d12	14.080	240	724355	20.00	ng	0.00
86) Perylene-d12	15.568	264	558021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1690592	120.01	ng	0.02
7) Phenol-d6	6.522	99	2039528	106.81	ng	0.00
23) Nitrobenzene-d5	7.457	82	1385932	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	774708	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2553001	81.33	ng	0.00
79) Terphenyl-d14	13.033	244	3060565	83.01	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	53211	2.81	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	191713	16.70	ng	# 78
25) Isophorone	7.457	82	1383422	45.47	ng	# 65
32) Benzoic acid	7.904	122	3723	5.24	ng	91
51) 2,6-Dinitrotoluene	9.933	165	61626	7.90	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	61626	6.08	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1545	5.27	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	51169	4.68	ng	# 1
77) Benzidine	13.033	184	40288	2.46	ng	# 79

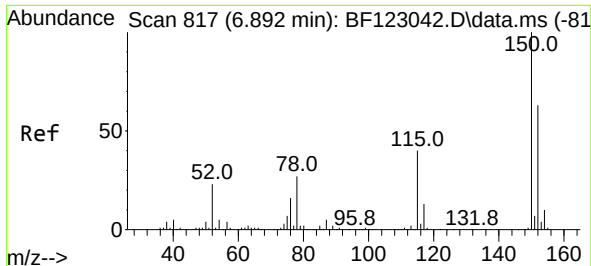
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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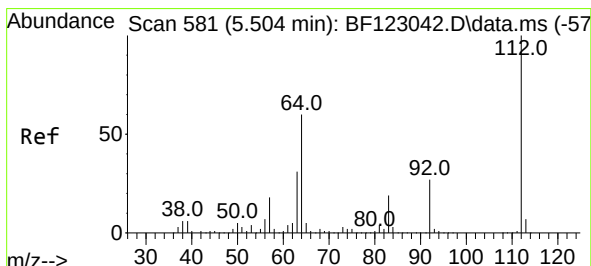
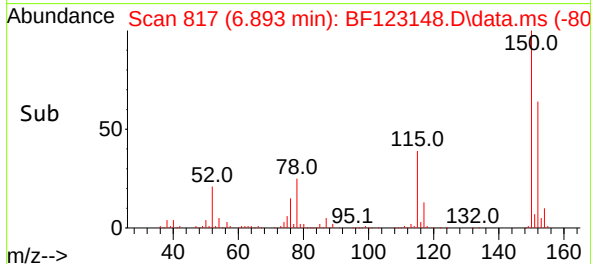
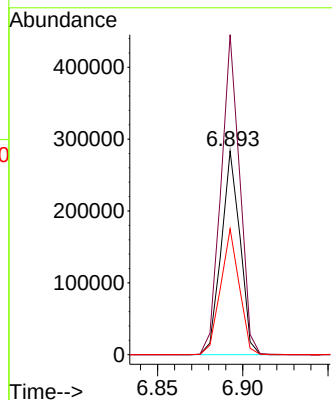
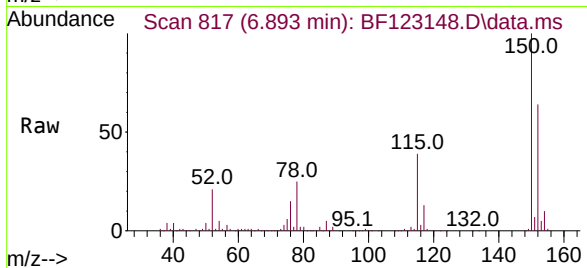




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

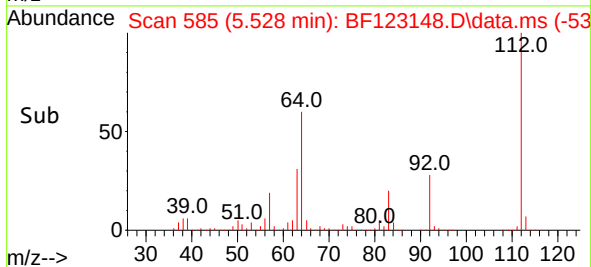
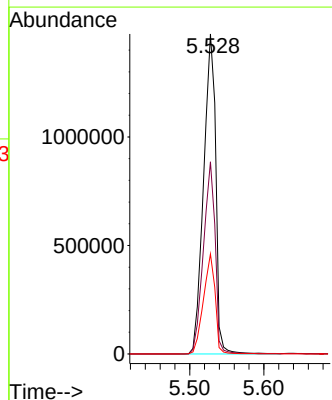
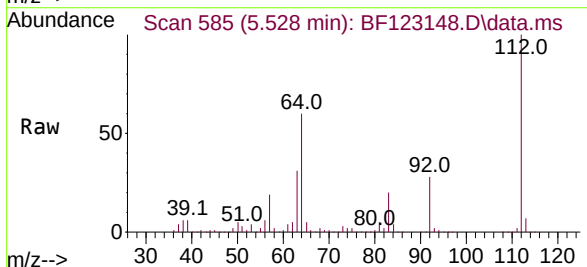
Instrument :
BNA_F
ClientSampleId :

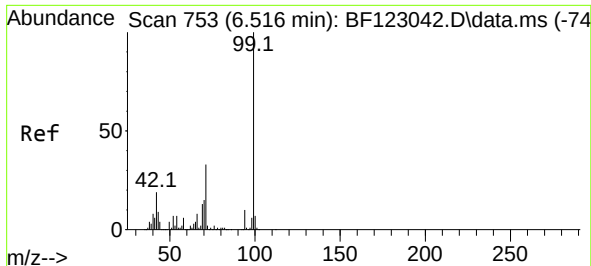
Tgt Ion:152 Resp: 217304
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 61.8 49.3 73.9



#5
2-Fluorophenol
Concen: 120.01 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:112 Resp: 1690592
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.3 24.5 36.7

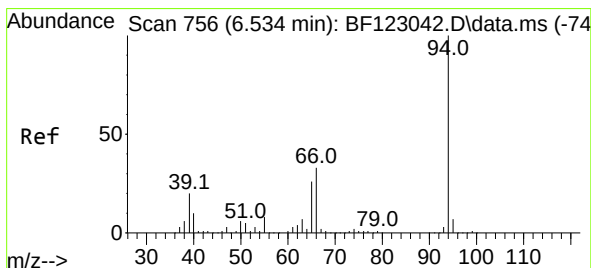
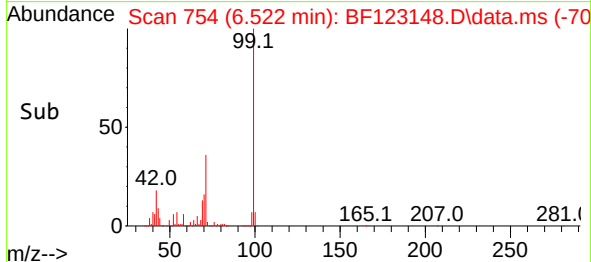
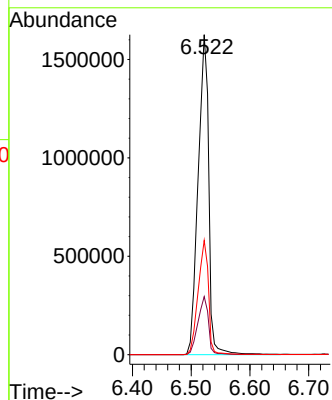
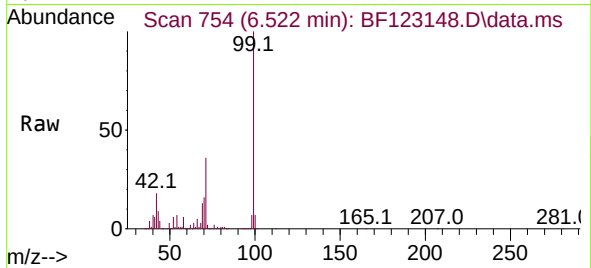




#7
Phenol-d6
Concen: 106.81 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

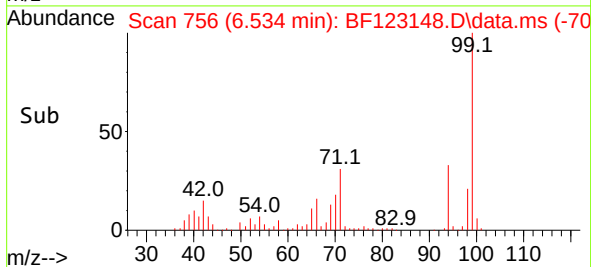
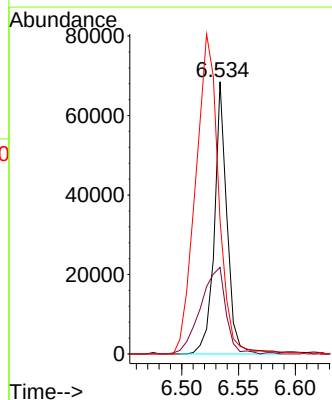
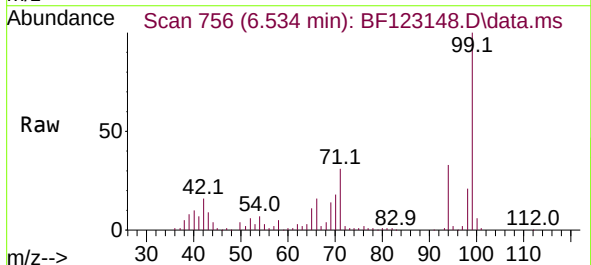
Instrument :
BNA_F
ClientSampleId :

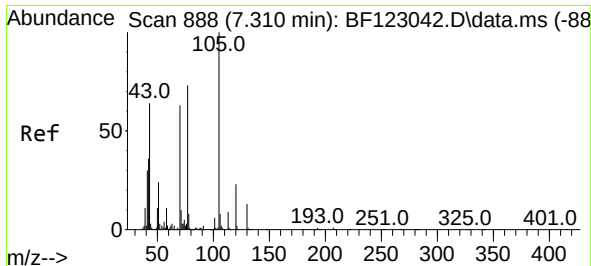
Tgt Ion: 99 Resp: 2039528
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.6
71 35.7 26.9 40.3



#10
Phenol
Concen: 2.81 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

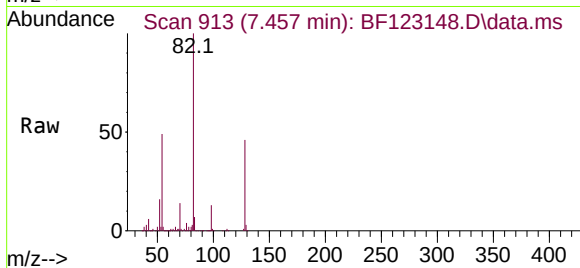
Tgt Ion: 94 Resp: 53211
Ion Ratio Lower Upper
94 100
65 31.8 11.2 51.2
66 49.1 25.8 65.8



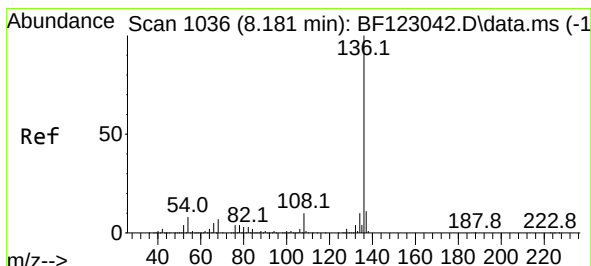
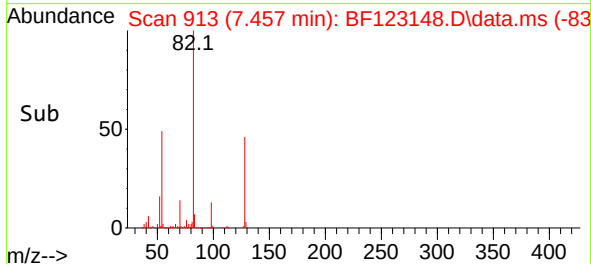
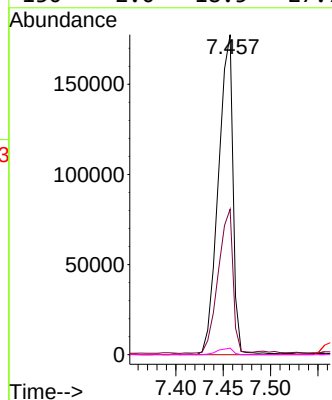


#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Instrument :
BNA_F
ClientSampleId :

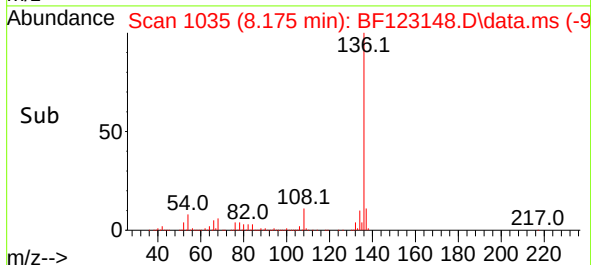
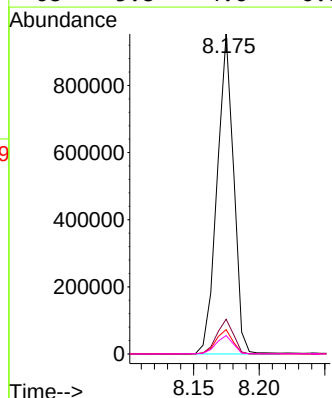
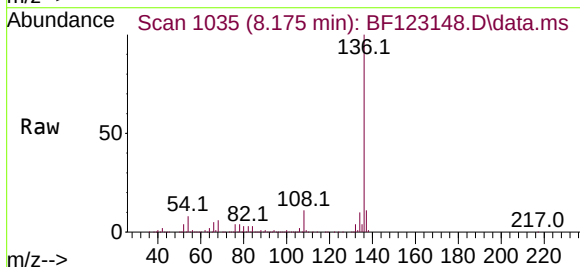


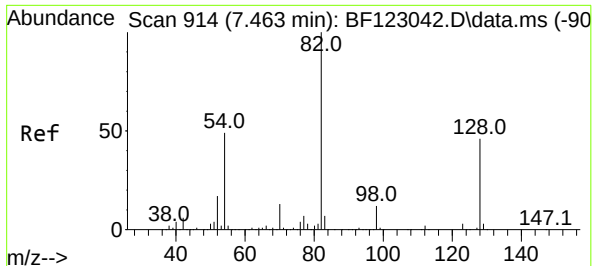
Tgt Ion: 70 Resp: 191713
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:136 Resp: 835854
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.5 8.3
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.45 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

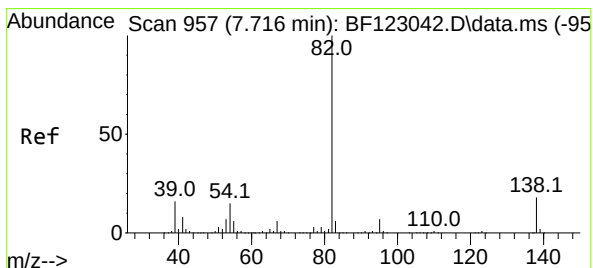
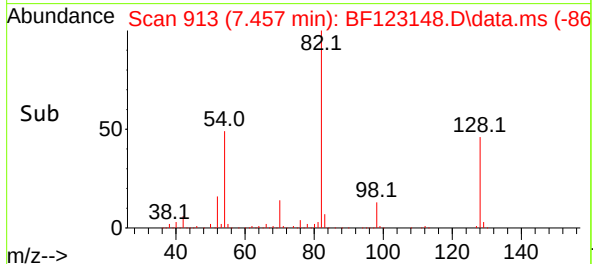
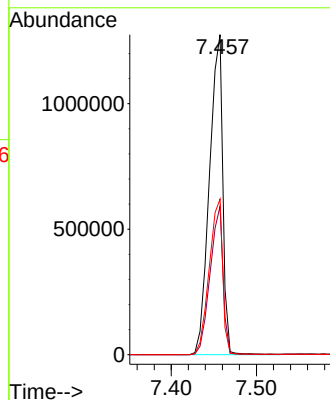
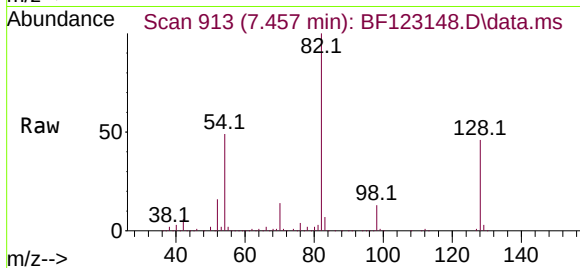
Lab File: BF123148.D

Acq: 8 Feb 2021 17:43

Tgt Ion: 82 Resp: 1385932

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.7	38.4	57.6

Instrument :
BNA_F
ClientSampleId :



#25

Isophorone

Concen: 45.47 ng

RT: 7.457 min Scan# 913

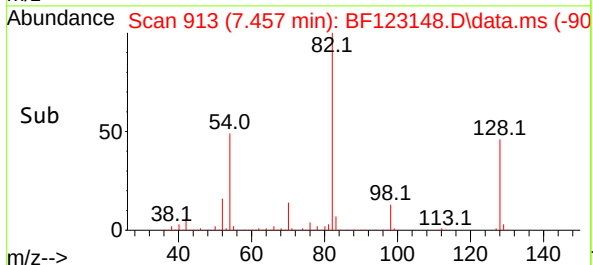
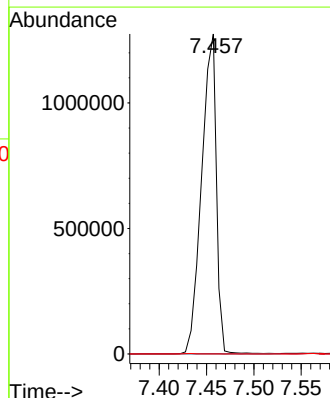
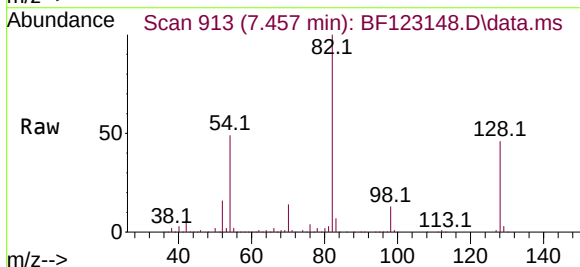
Delta R.T. -0.259 min

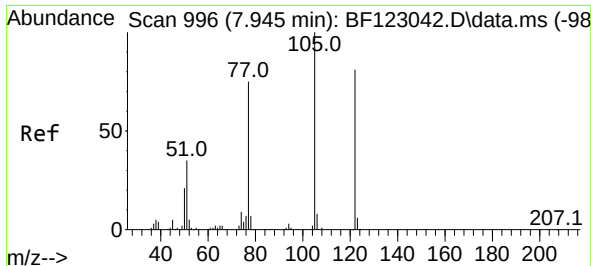
Lab File: BF123148.D

Acq: 8 Feb 2021 17:43

Tgt Ion: 82 Resp: 1383422

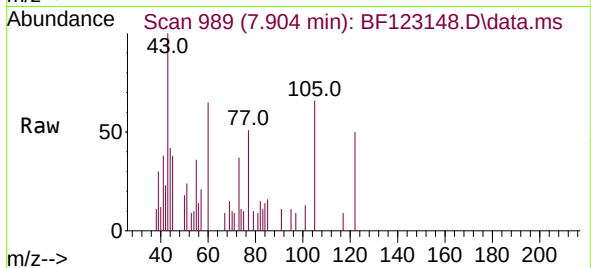
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



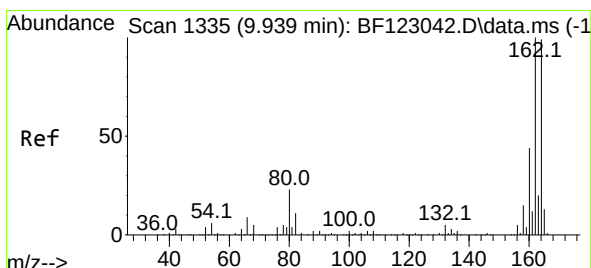
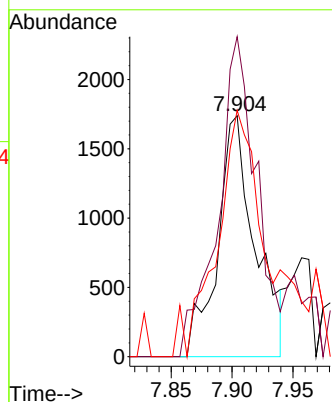
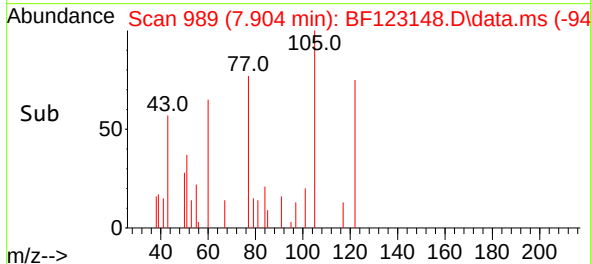


#32
Benzoic acid
Concen: 5.24 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.041 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

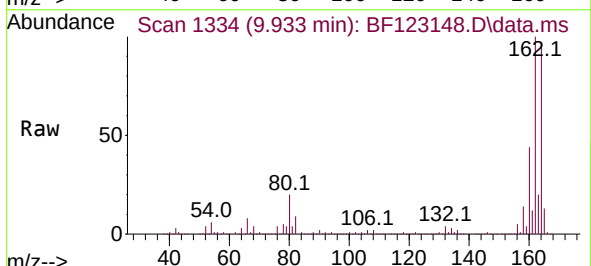
Instrument :
BNA_F
ClientSampleId :



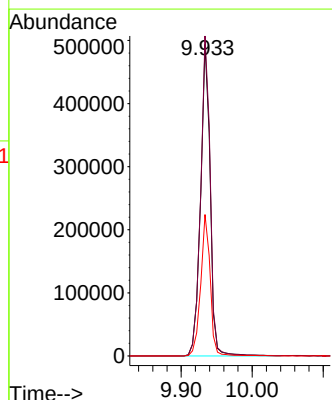
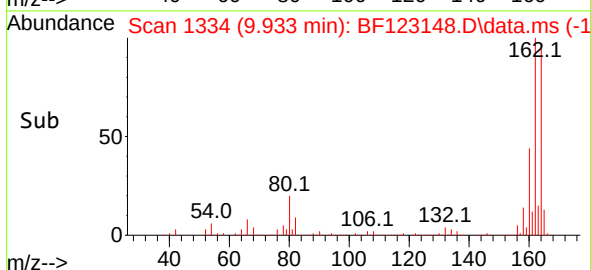
Tgt Ion:122 Resp: 3723
Ion Ratio Lower Upper
122 100
105 132.8 104.8 144.8
77 102.2 71.0 111.0

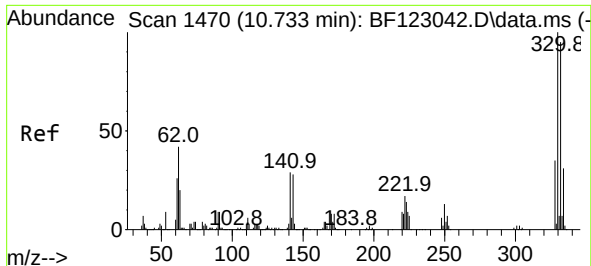


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43



Tgt Ion:164 Resp: 466661
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 45.4 35.4 53.0

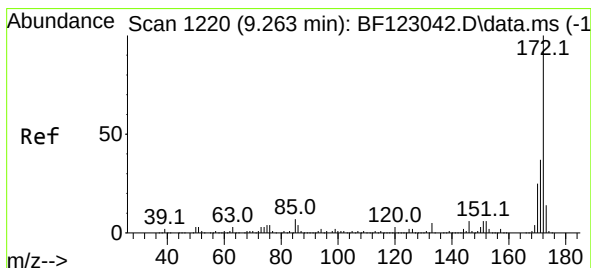
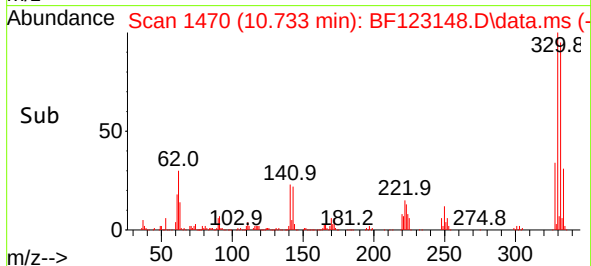
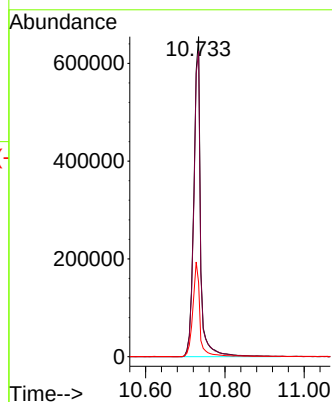
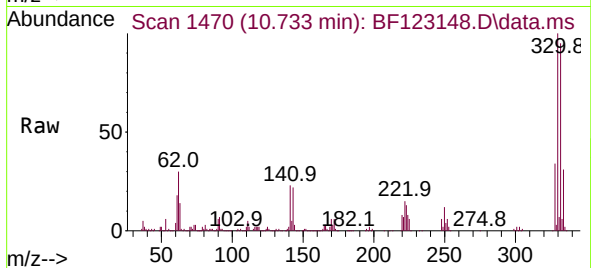




#42
2,4,6-Tribromophenol
Concen: 152.93 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

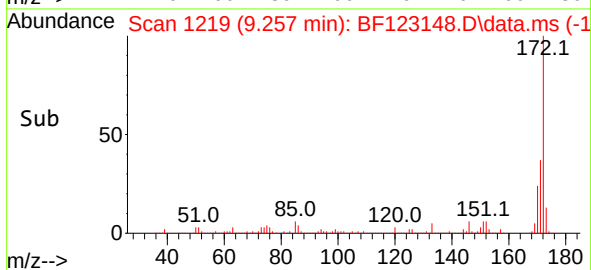
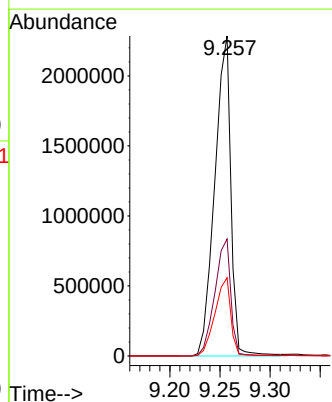
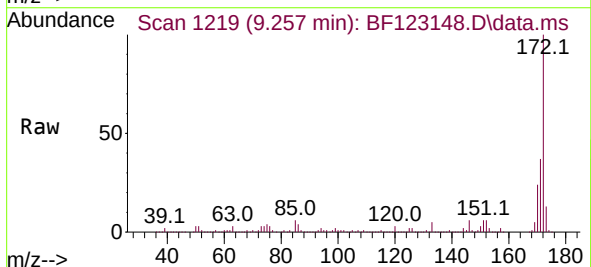
Instrument :
BNA_F
ClientSampleId :

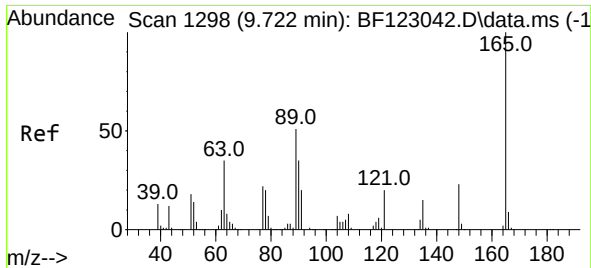
Tgt Ion: 330 Resp: 774708
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 81.33 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion: 172 Resp: 2553001
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.5 19.5 29.3

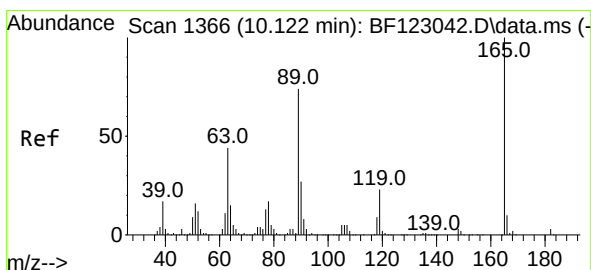
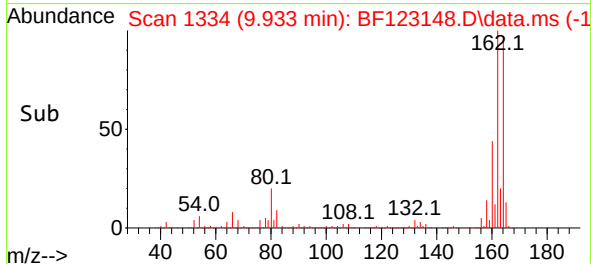
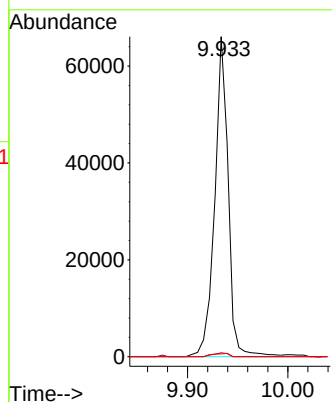
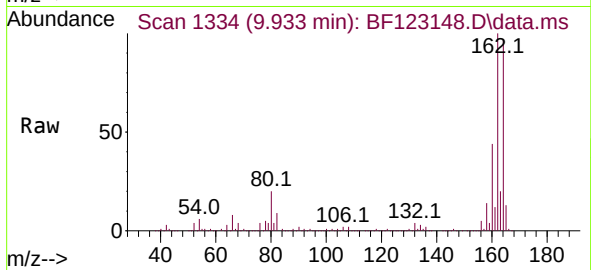




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

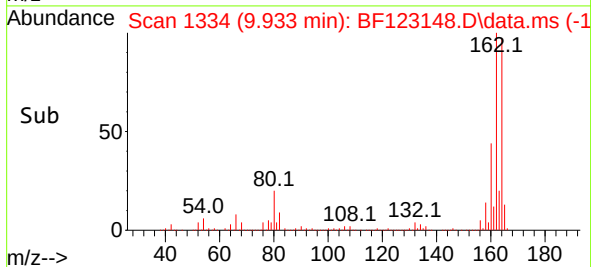
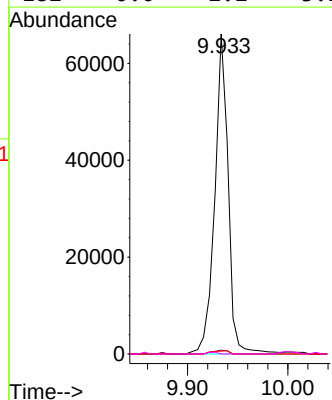
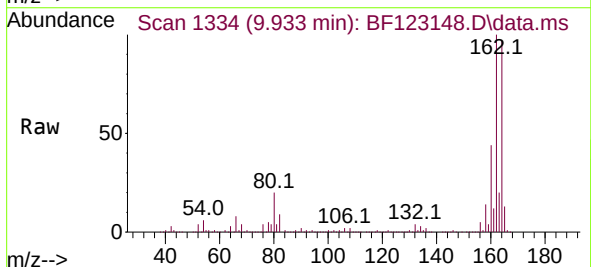
Instrument :
BNA_F
ClientSampleId :

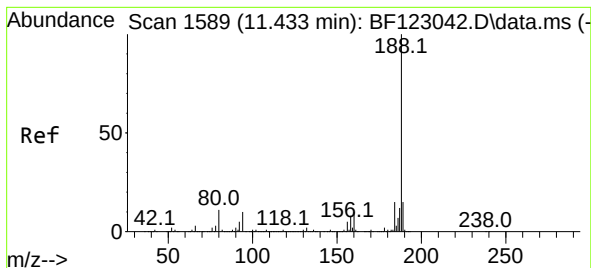
Tgt Ion:165 Resp: 61626
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:165 Resp: 61626
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.005 min

Lab File: BF123148.D

Acq: 8 Feb 2021 17:43

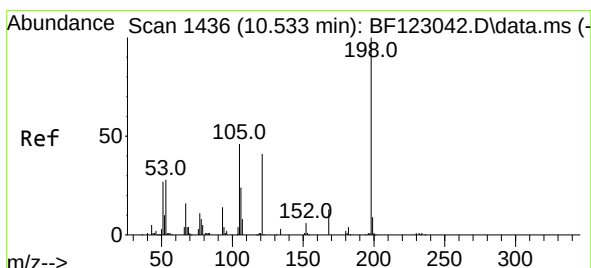
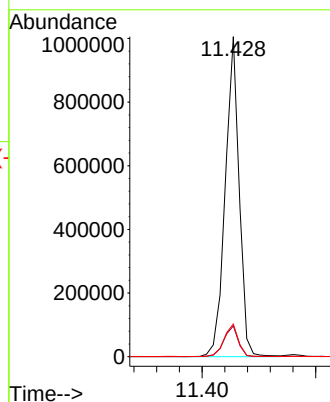
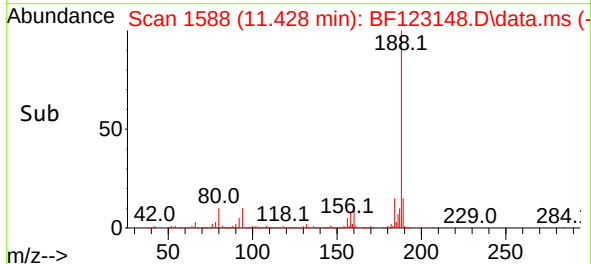
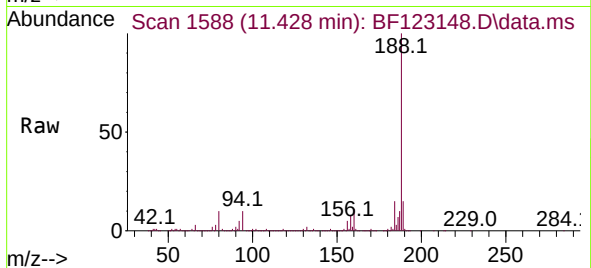
Tgt Ion:188 Resp: 858427

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.2 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.27 ng

RT: 10.728 min Scan# 1469

Delta R.T. 0.195 min

Lab File: BF123148.D

Acq: 8 Feb 2021 17:43

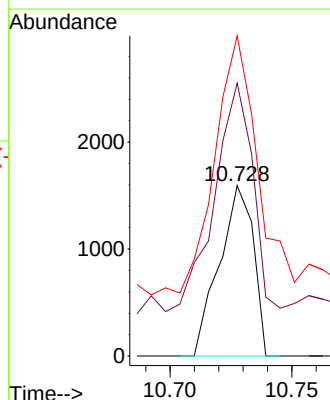
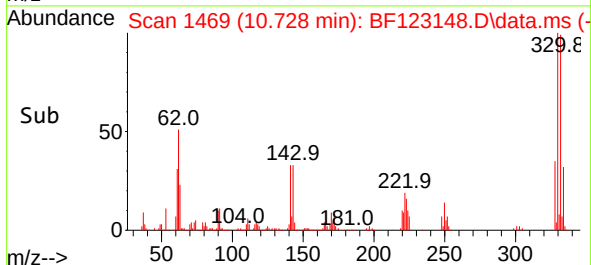
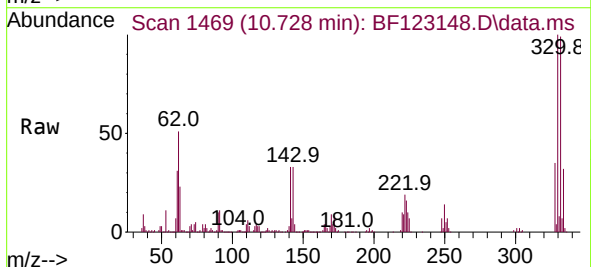
Tgt Ion:198 Resp: 1545

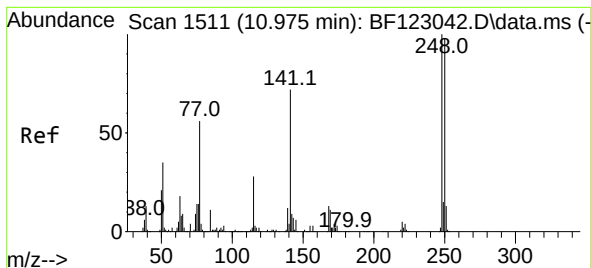
Ion Ratio Lower Upper

198 100

51 160.0 20.3 60.3#

105 187.8 23.0 63.0#

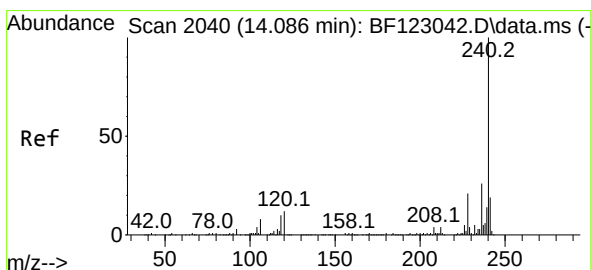
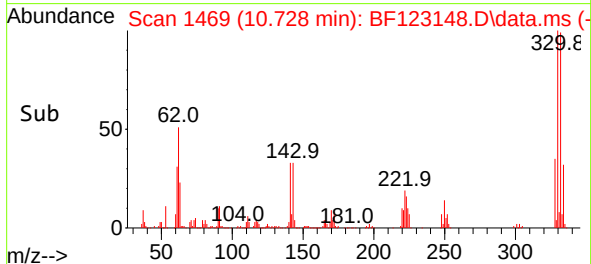
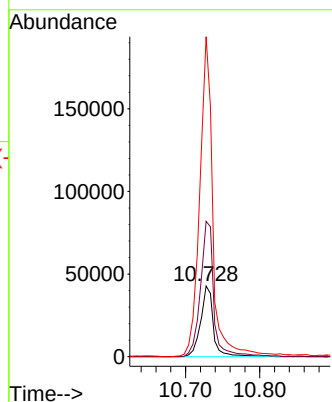
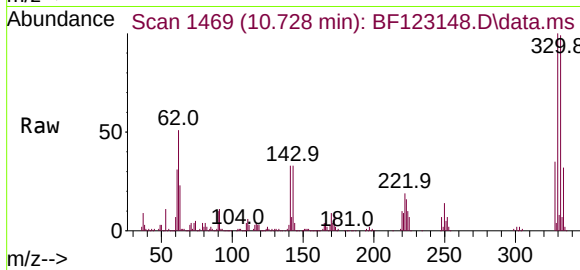




#67
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

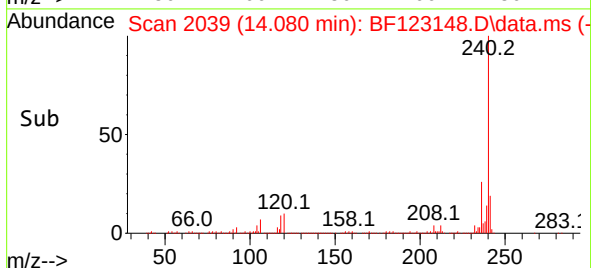
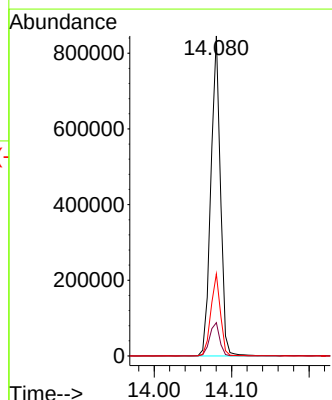
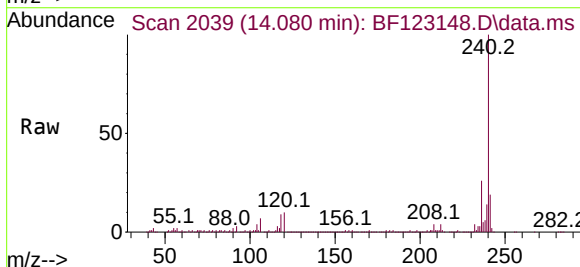
Instrument :
BNA_F
ClientSampled :

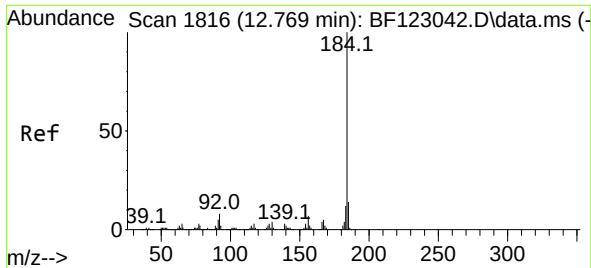
Tgt Ion:248 Resp: 51169
Ion Ratio Lower Upper
248 100
250 191.1 76.8 115.2#
141 452.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:240 Resp: 724355
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.7 20.3 30.5

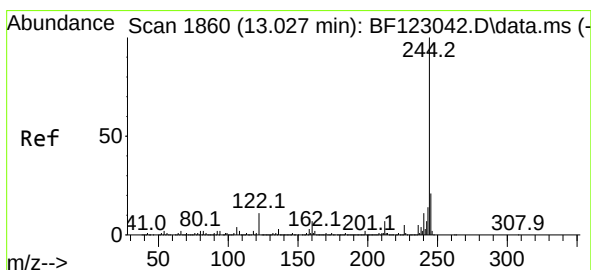
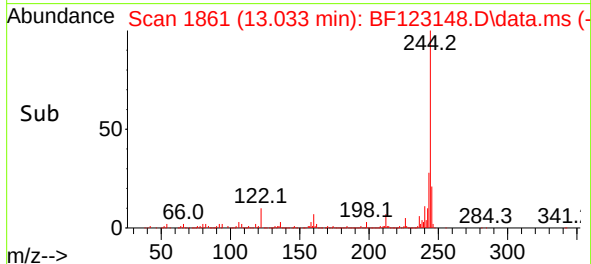
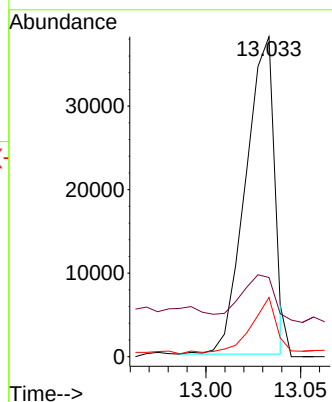
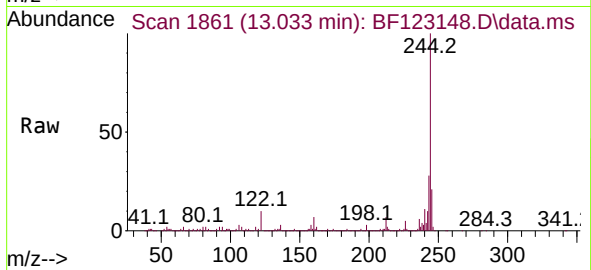




#77
Benzidine
Concen: 2.46 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.265 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

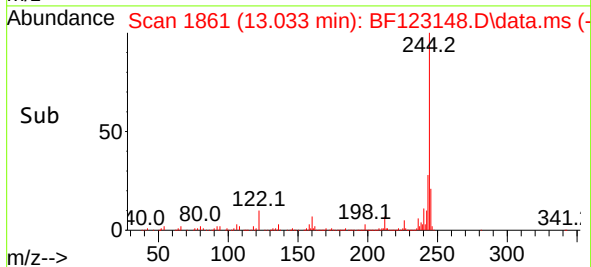
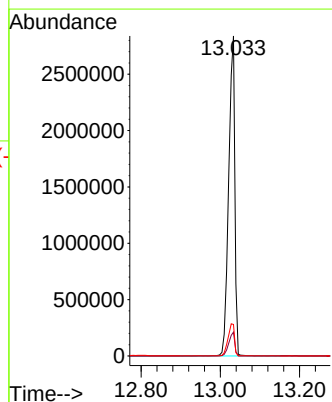
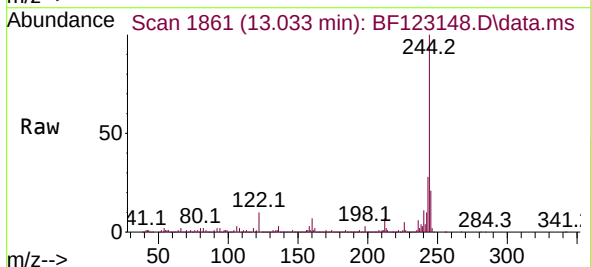
Instrument :
BNA_F
ClientSampleId :

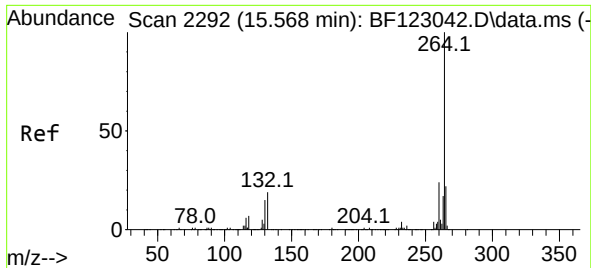
Tgt Ion:184 Resp: 40288
Ion Ratio Lower Upper
184 100
185 24.7 11.8 17.6#
183 18.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 83.01 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:244 Resp: 3060565
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 558021
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.8 17.0 25.6

