

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123647.D
 Acq On : 20 Apr 2021 17:26
 Operator : JU/CG
 Sample : M2070-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-A

Quant Time: Apr 21 01:20:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

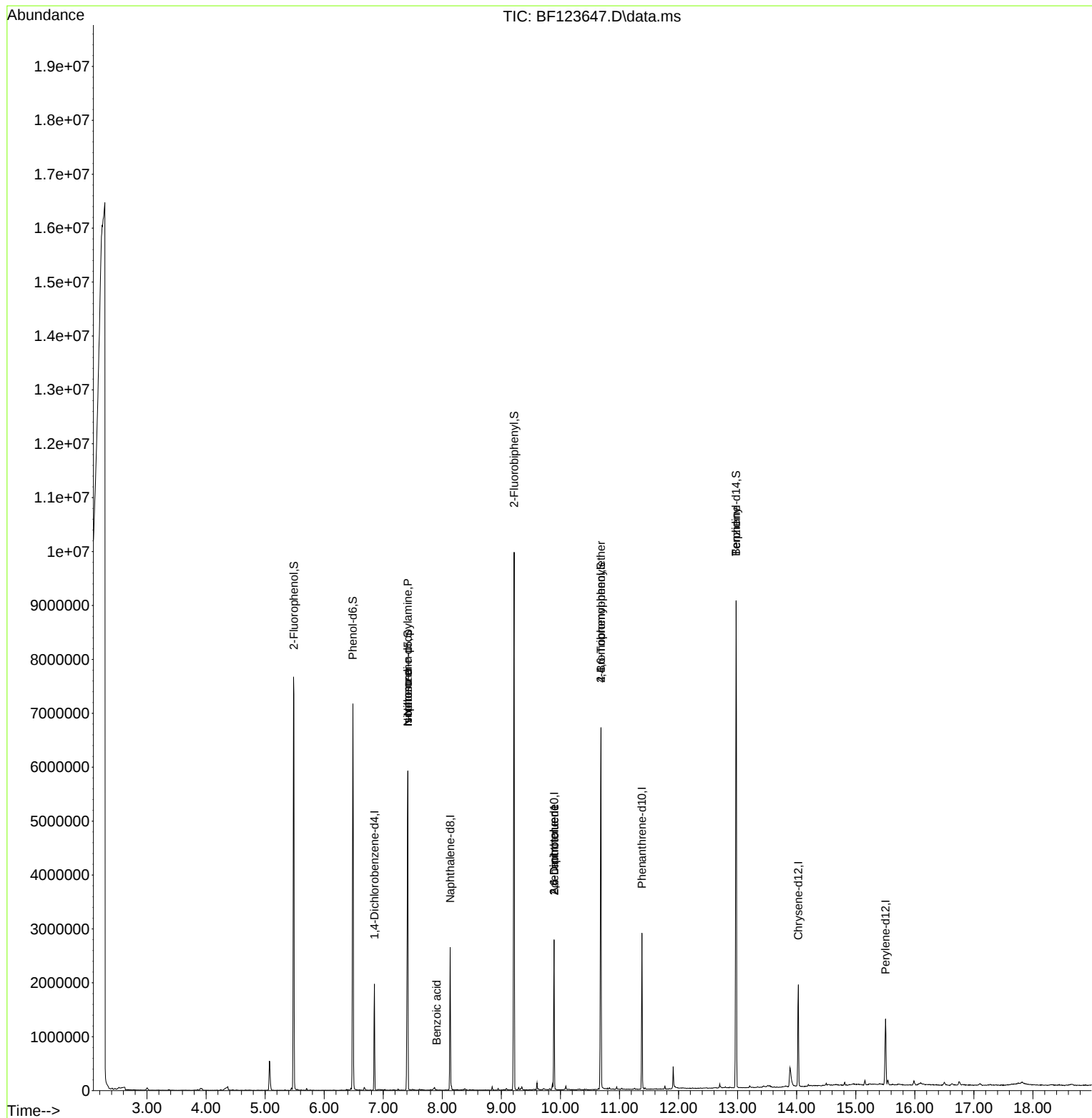
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	244953	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	959442	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	476127	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	922874	20.00	ng	0.00
76) Chrysene-d12	14.027	240	611103	20.00	ng	0.00
86) Perylene-d12	15.504	264	546783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1831151	120.82	ng	0.02
7) Phenol-d6	6.487	99	2176085	103.62	ng	0.00
23) Nitrobenzene-d5	7.416	82	1917039	91.85	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	791988	146.89	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2854521	89.37	ng	0.00
79) Terphenyl-d14	12.974	244	3129955	99.54	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	261302	18.78	ng	# 76
25) Isophorone	7.416	82	1917021	47.35	ng	# 69
32) Benzoic acid	7.904	122	185	4.56	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	61310	8.49	ng	# 11
57) 2,4-Dinitrotoluene	9.892	165	61310	6.36	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	43504	4.51	ng	# 1
77) Benzidine	12.974	184	43808	2.64	ng	# 93
89) Benzo(k)fluoranthene	15.098	252	606	Below Cal		# 41
92) Benzo(g,h,i)perylene	17.409	276	828	Below Cal		# 33

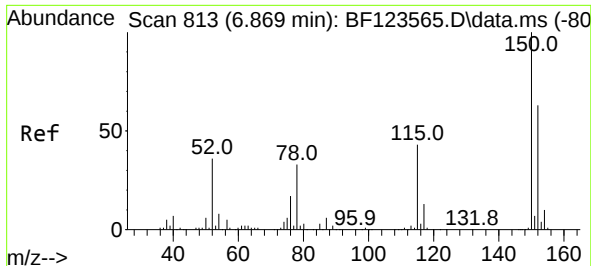
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123647.D
Acq On : 20 Apr 2021 17:26
Operator : JU/CG
Sample : M2070-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

Quant Time: Apr 21 01:20:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

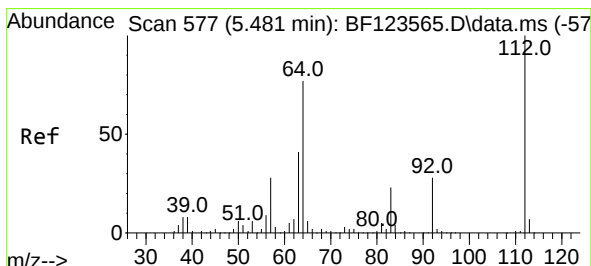
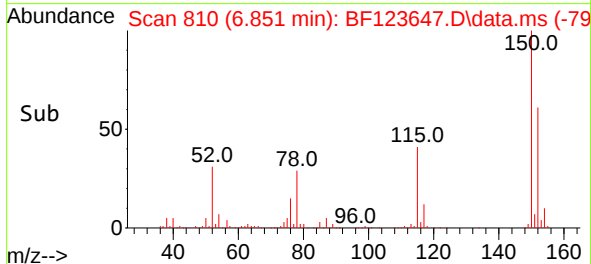
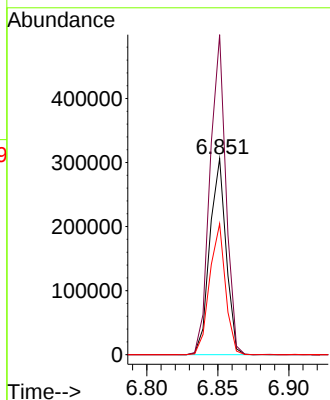
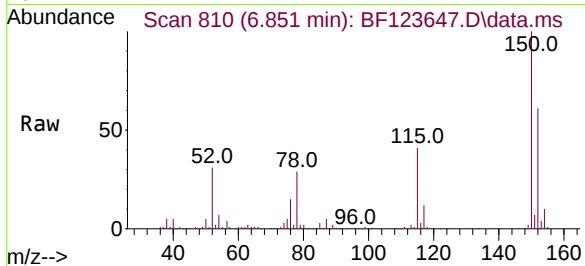




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

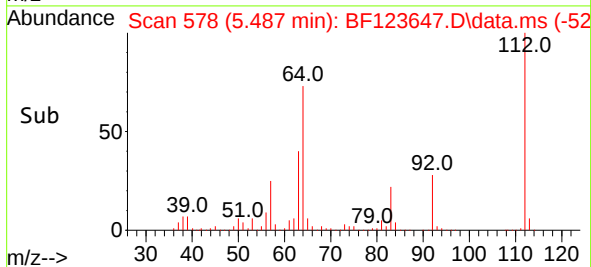
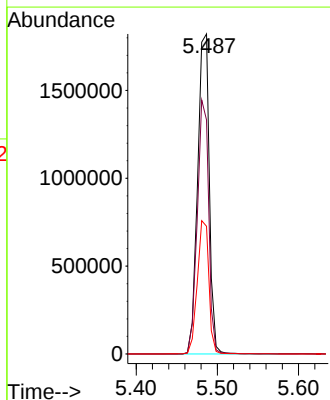
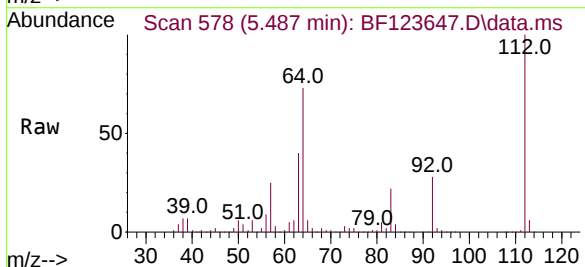
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

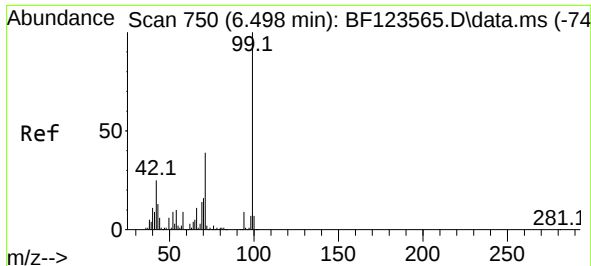
Tgt Ion:152 Resp: 244953
Ion Ratio Lower Upper
152 100
150 163.1 127.0 190.6
115 66.7 54.3 81.5



#5
2-Fluorophenol
Concen: 120.82 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:112 Resp: 1831151
Ion Ratio Lower Upper
112 100
64 73.1 61.4 92.0
63 39.9 33.0 49.4



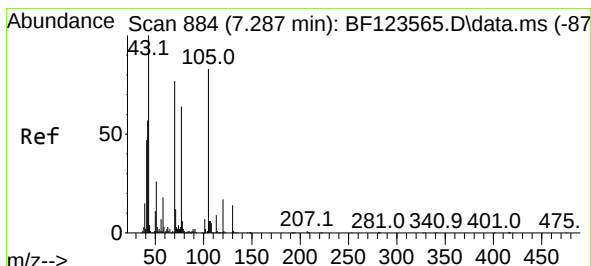
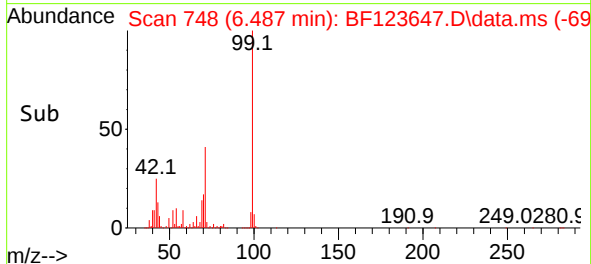
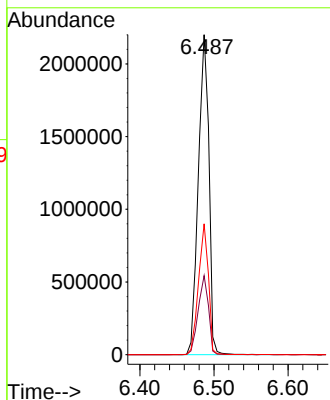
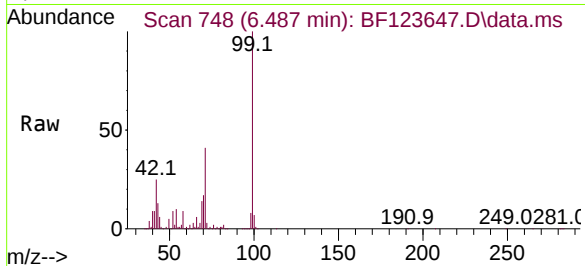


#7
Phenol-d6
Concen: 103.62 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

Tgt Ion: 99 Resp: 2176085

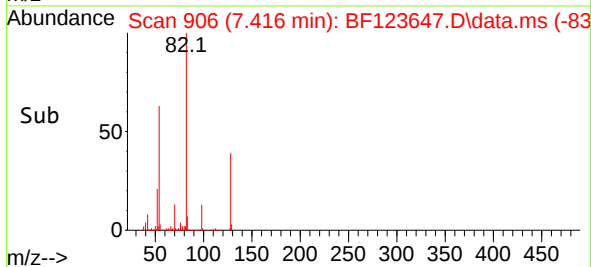
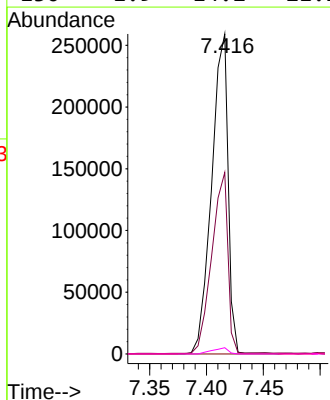
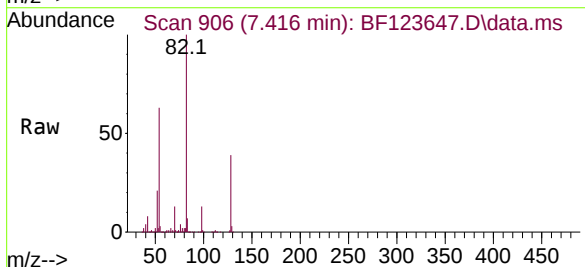
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.8	29.8
71	40.9	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion: 70 Resp: 261302

Ion	Ratio	Lower	Upper
70	100		
42	56.7	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#

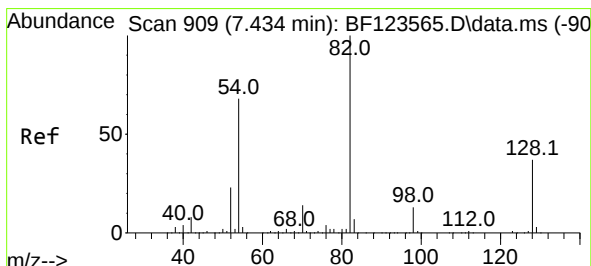
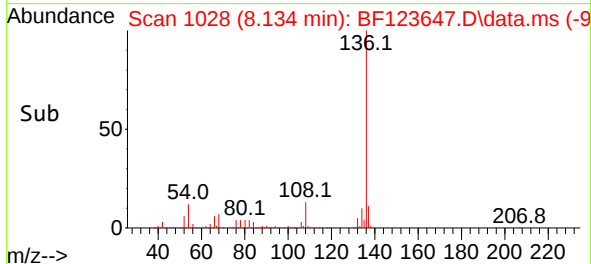
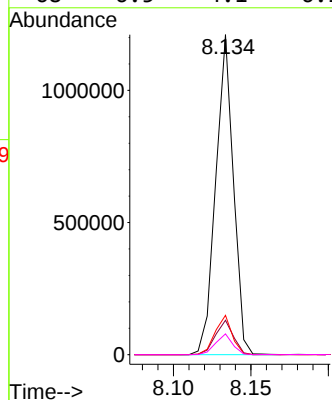
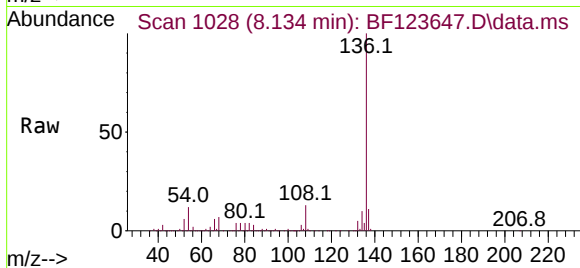




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

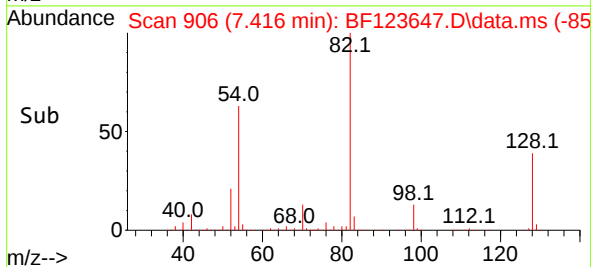
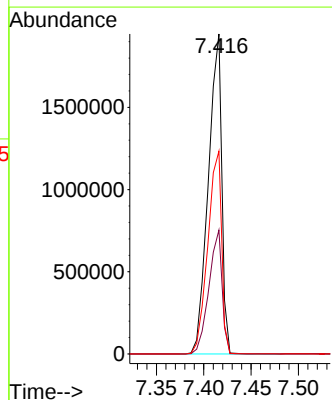
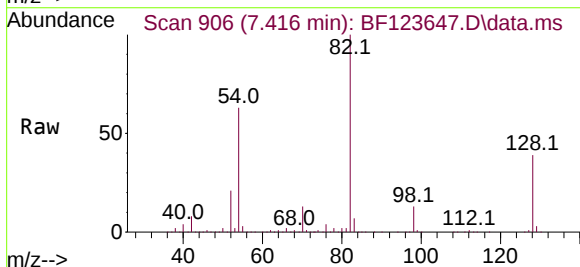
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

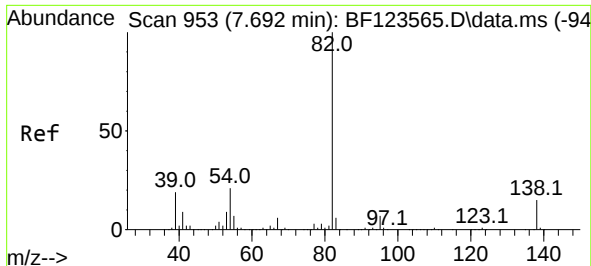
Tgt Ion:136	Resp: 959442
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 12.3	9.8 14.6
68 6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 91.85 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion: 82		Resp: 1917039	
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	63.3	54.1	81.1

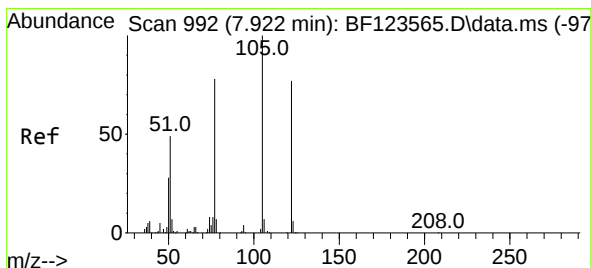
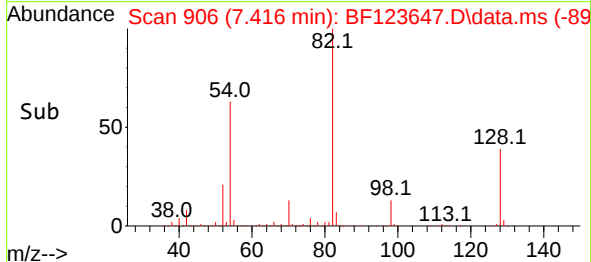
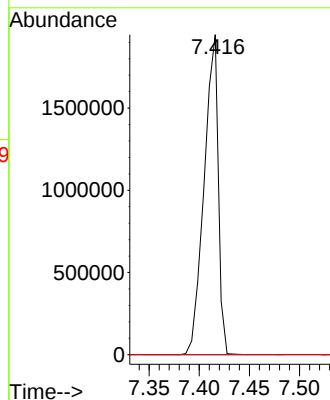
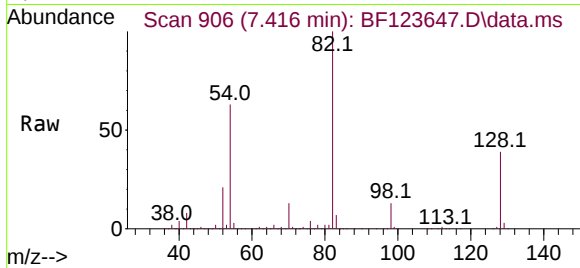




#25
Isophorone
Concen: 47.35 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

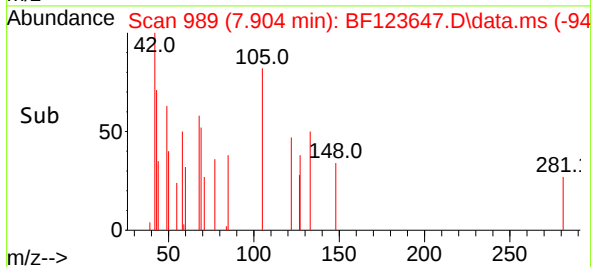
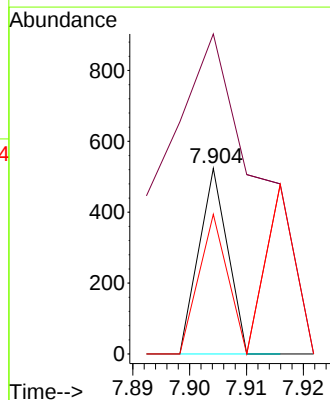
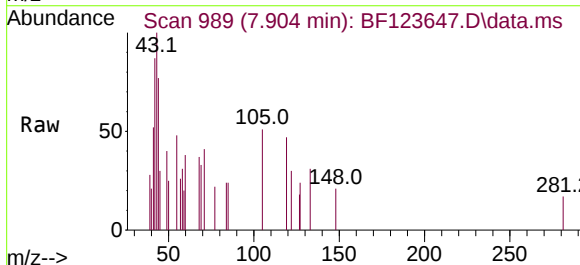
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

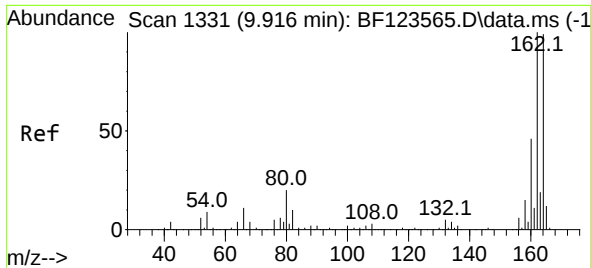
Tgt Ion: 82 Resp: 1917021
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion: 122 Resp: 185
Ion Ratio Lower Upper
122 100
105 172.3 107.8 147.8#
77 75.2 81.6 121.6#

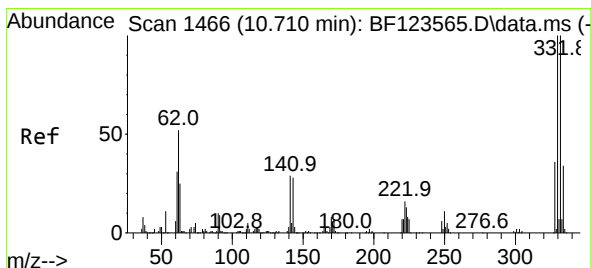
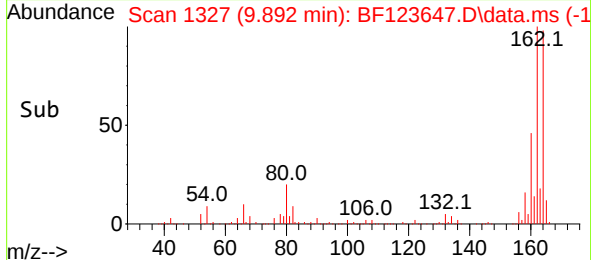
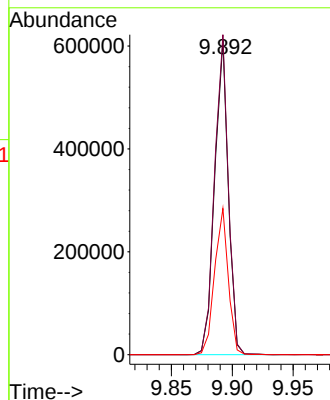
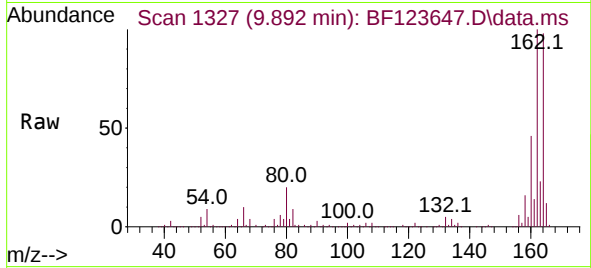




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

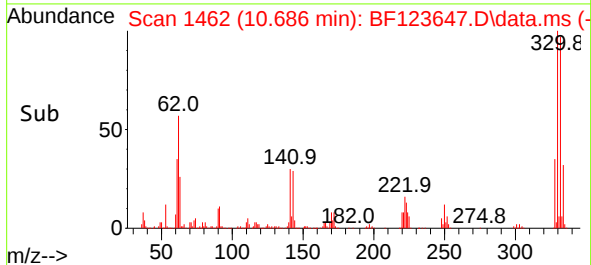
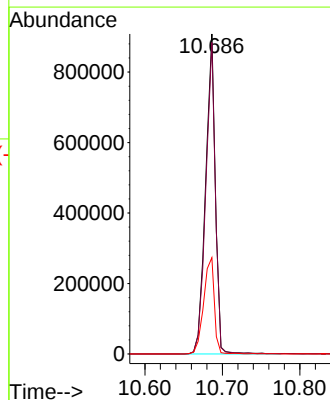
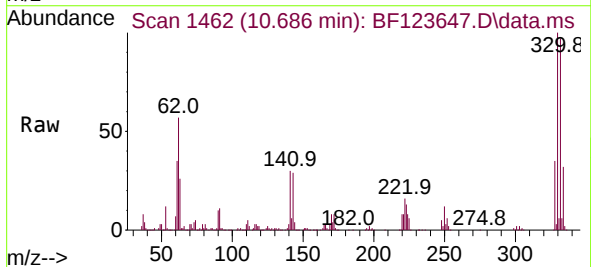
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

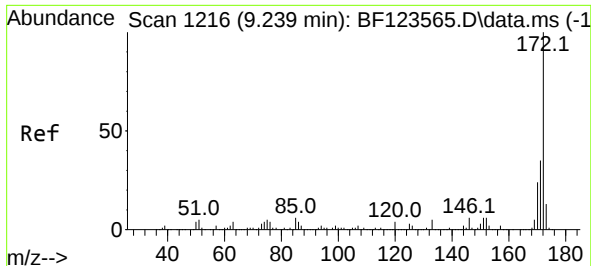
Tgt Ion:164 Resp: 476127
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 46.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 146.89 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:330 Resp: 791988
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 33.2 27.9 41.9

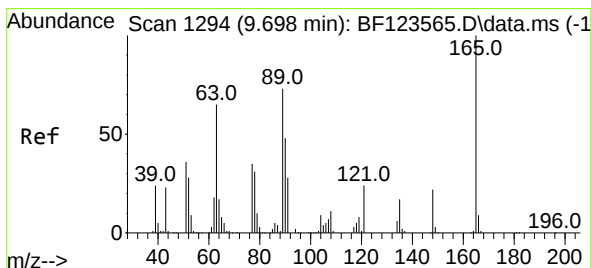
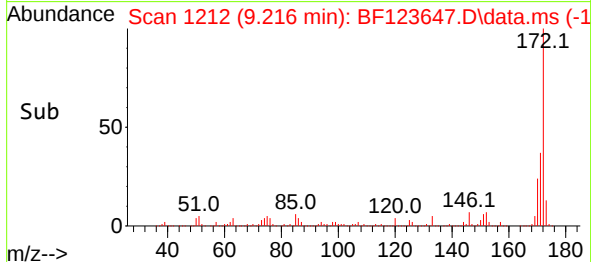
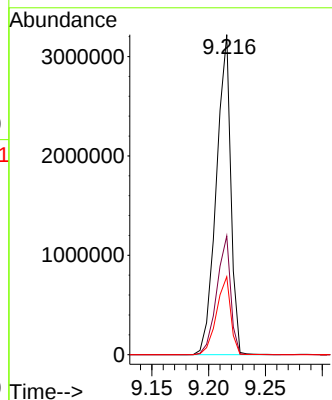
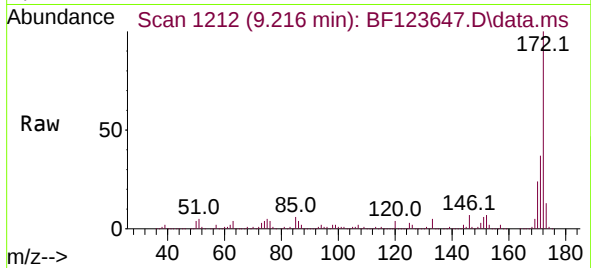




#45
2-Fluorobiphenyl
Concen: 89.37 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

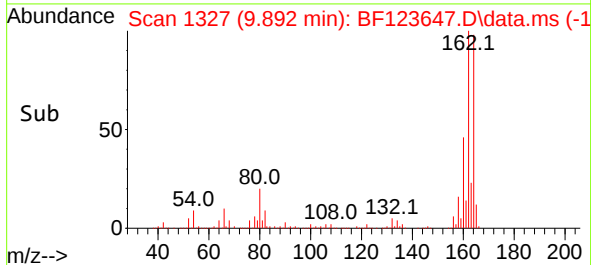
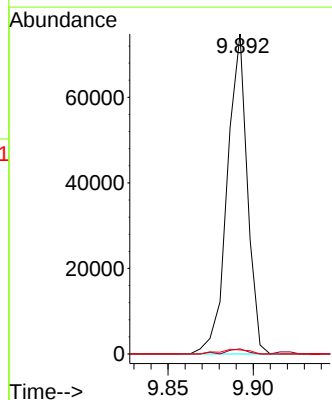
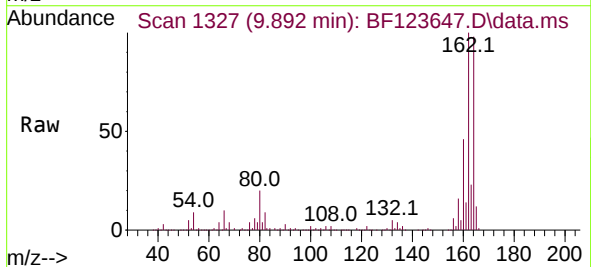
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

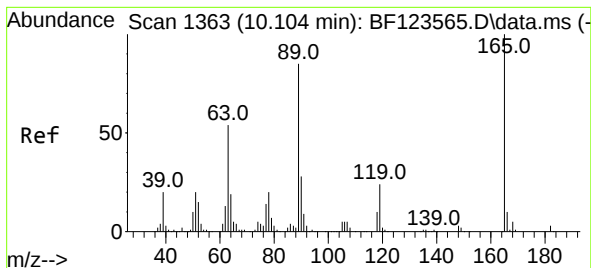
Tgt Ion:172 Resp: 2854521
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.3 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:165 Resp: 61310
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.2 58.8 88.2#

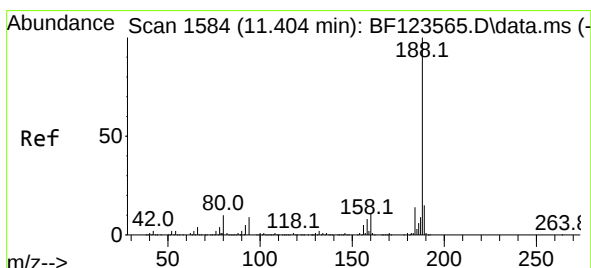
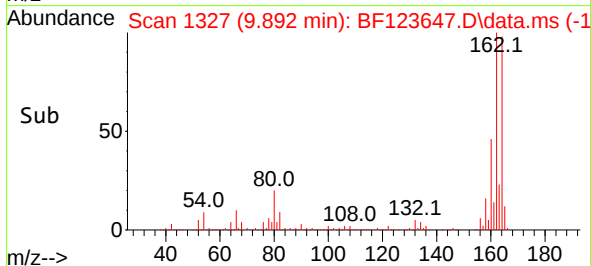
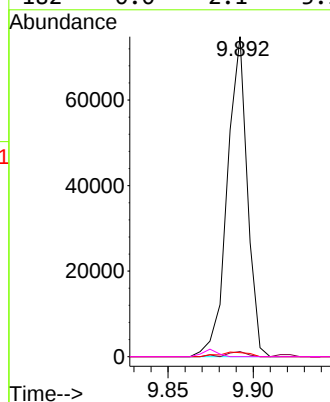
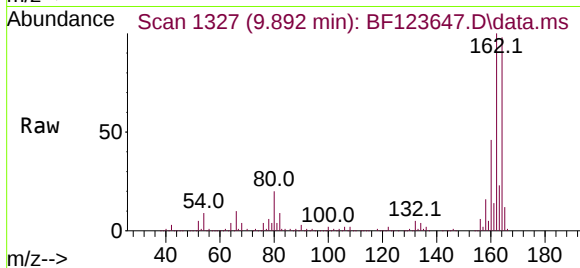




#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

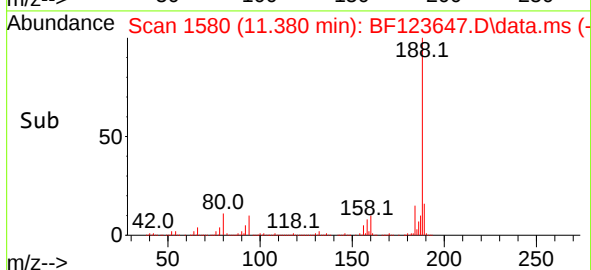
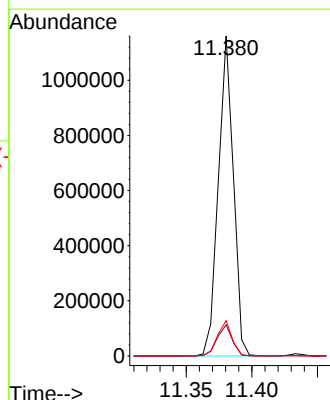
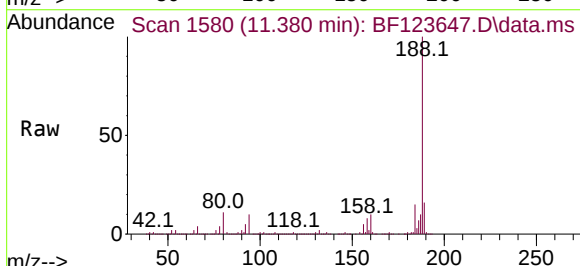
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

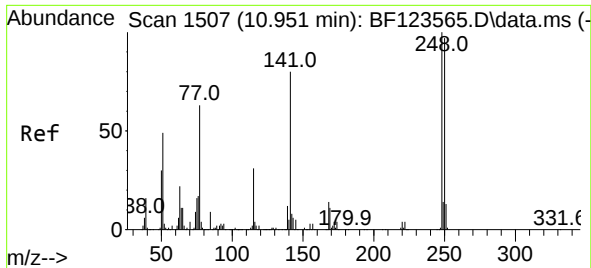
Tgt Ion:165	Resp:	61310
Ion Ratio	Lower	Upper
165	100	
63	1.6	43.5 65.3#
89	1.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:188	Resp:	922874
Ion Ratio	Lower	Upper
188	100	
94	9.8	6.9 10.3
80	11.0	8.2 12.2

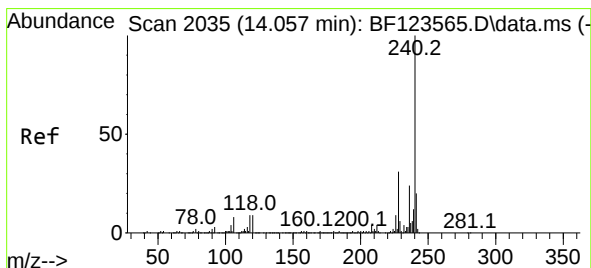
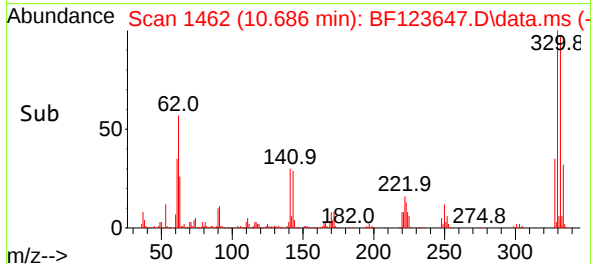
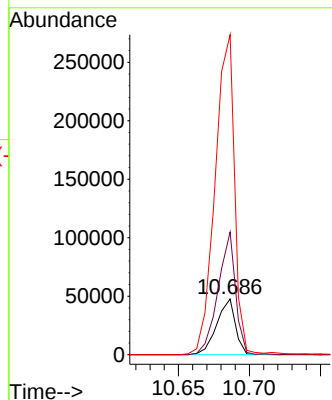
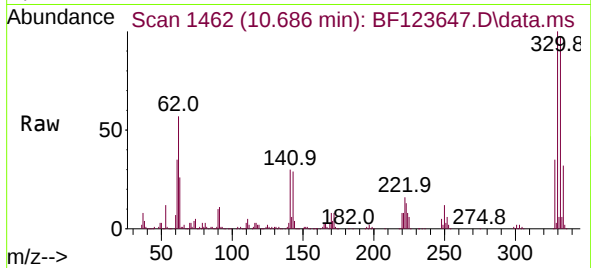




#67
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

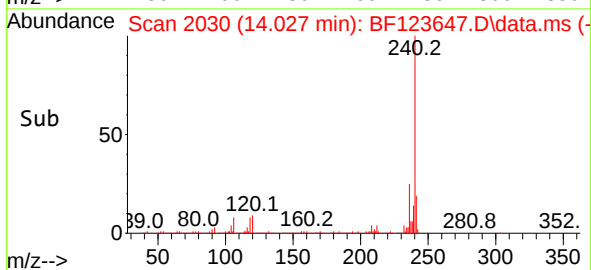
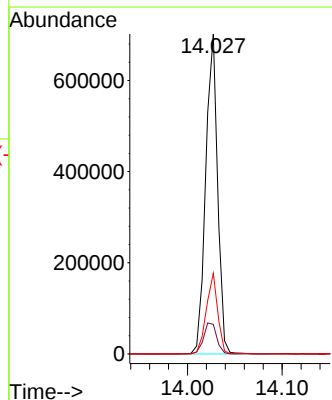
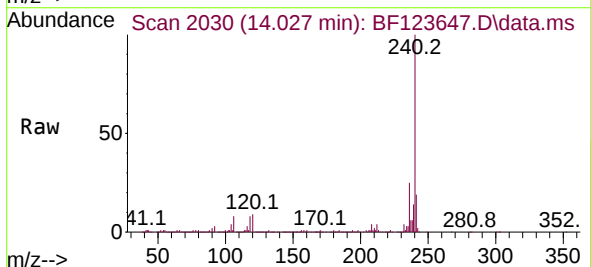
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

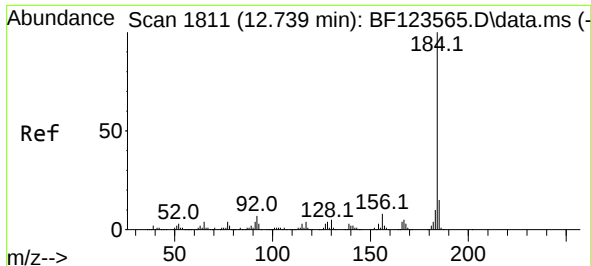
Tgt Ion:248 Resp: 43504
Ion Ratio Lower Upper
248 100
250 220.7 77.4 116.2#
141 575.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:240 Resp: 611103
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 25.2 19.0 28.4

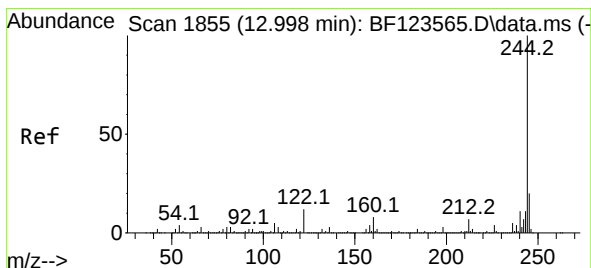
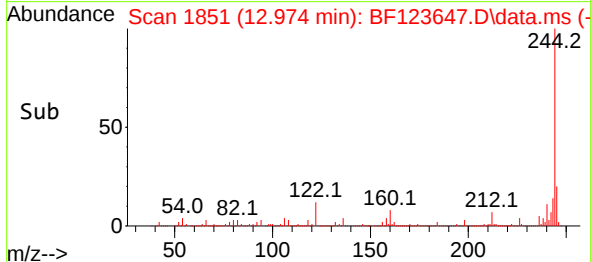
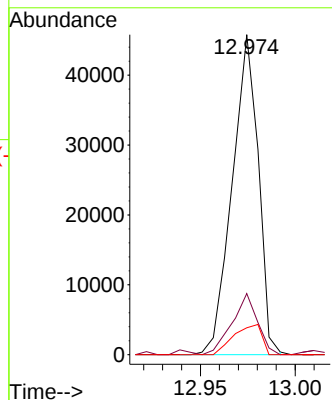
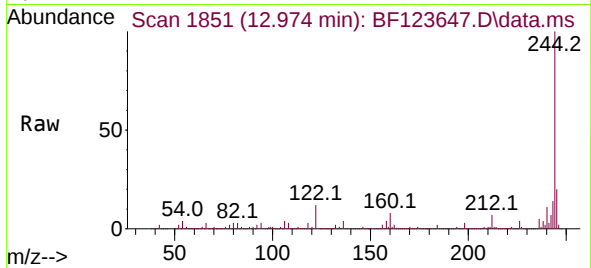




#77
Benzidine
Concen: 2.64 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

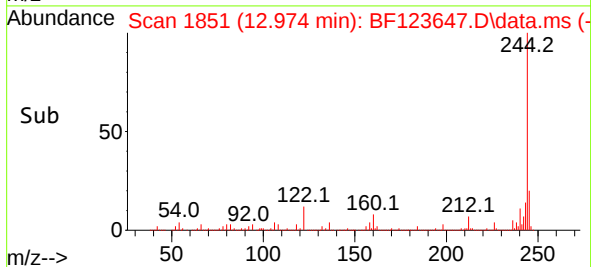
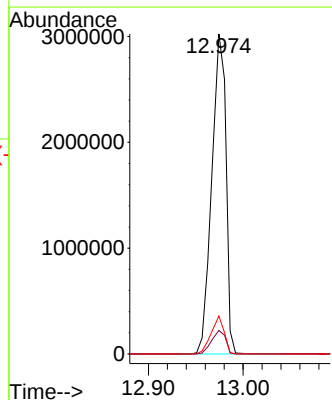
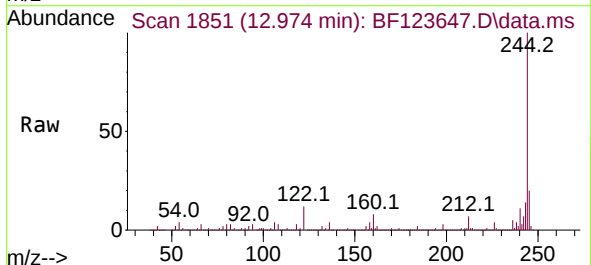
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

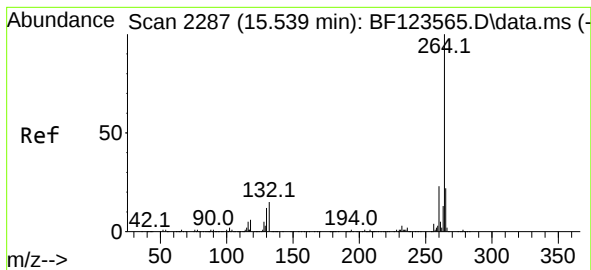
Tgt Ion:184 Resp: 43808
Ion Ratio Lower Upper
184 100
185 19.1 12.1 18.1#
183 8.4 7.8 11.8



#79
Terphenyl-d14
Concen: 99.54 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123647.D
Acq: 20 Apr 2021 17:26

Tgt Ion:244 Resp: 3129955
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF123647.D
 Acq: 20 Apr 2021 17:26

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-A

Tgt Ion:264 Resp: 546783
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.1 17.8 26.8

