

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123809.D
 Acq On : 4 May 2021 15:33
 Operator : JU/CG
 Sample : M2202-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290

Quant Time: May 04 15:55:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

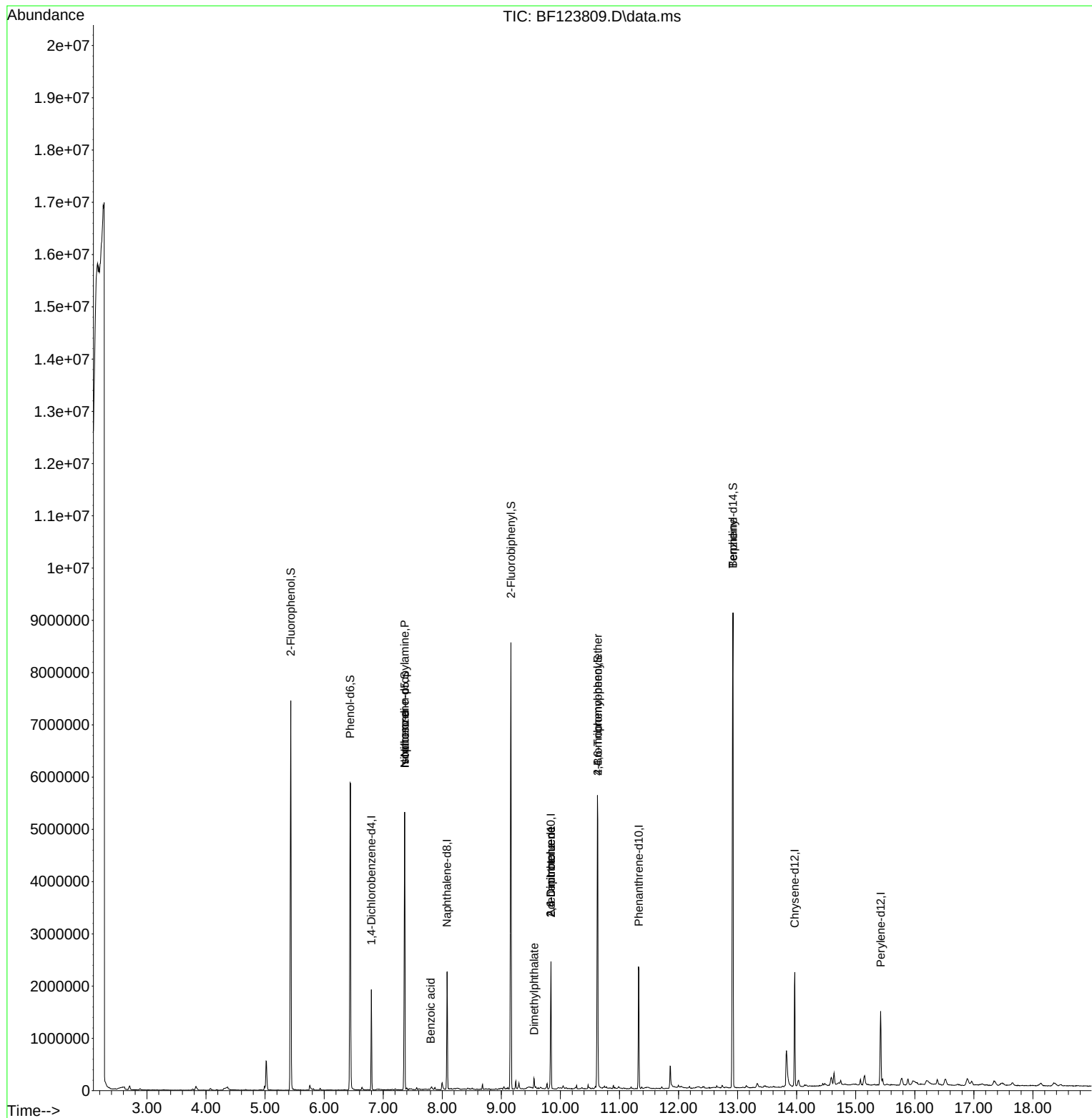
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	229902	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	863959	20.00	ng	# 0.00
39) Acenaphthene-d10	9.839	164	434643	20.00	ng	0.00
64) Phenanthrene-d10	11.328	188	864324	20.00	ng	0.00
76) Chrysene-d12	13.969	240	758457	20.00	ng	0.00
86) Perylene-d12	15.421	264	623729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1704382	117.45	ng	0.01
7) Phenol-d6	6.440	99	2019714	101.03	ng	0.00
23) Nitrobenzene-d5	7.363	82	1685760	88.08	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	728127	134.57	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2580547	86.46	ng	0.00
79) Terphenyl-d14	12.922	244	3119669	79.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	232738	18.86	ng	# 74
25) Isophorone	7.363	82	1683630	46.92	ng	# 69
32) Benzoic acid	7.804	122	7051	6.10	ng	92
50) Dimethylphthalate	9.557	163	63534	2.08	ng	97
51) 2,6-Dinitrotoluene	9.839	165	53784	7.60	ng	# 12
57) 2,4-Dinitrotoluene	9.839	165	53784	5.57	ng	# 17
67) 4-Bromophenyl-phenylether	10.633	248	40667	4.47	ng	# 1
77) Benzidine	12.922	184	44630	2.27	ng	97

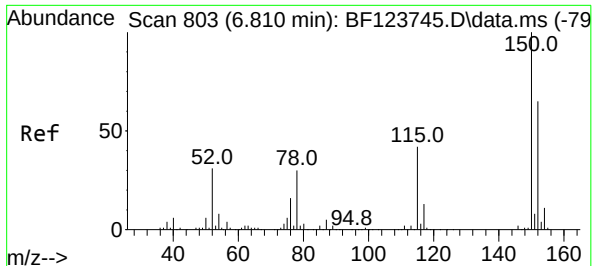
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123809.D
Acq On : 4 May 2021 15:33
Operator : JU/CG
Sample : M2202-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
290

Quant Time: May 04 15:55:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

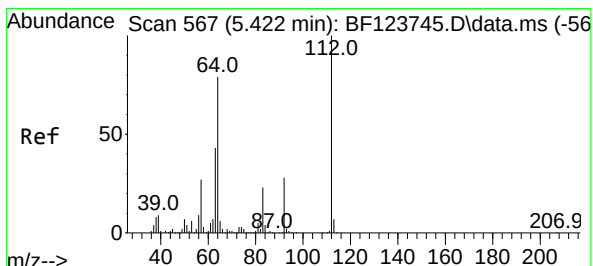
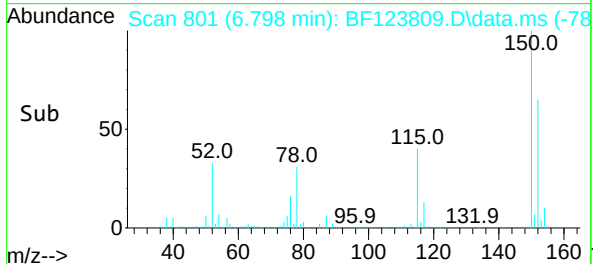
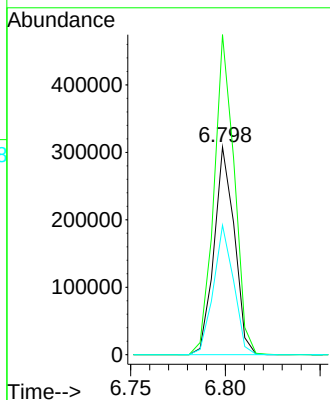
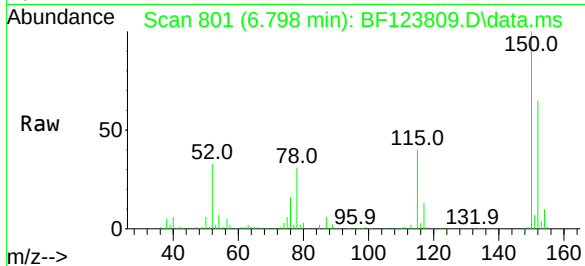




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

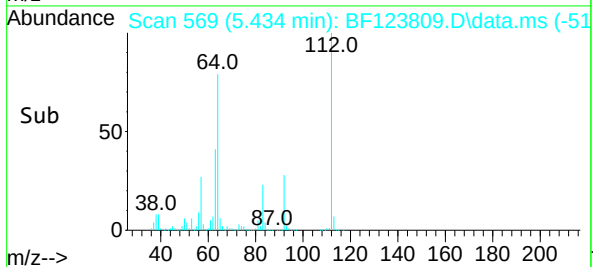
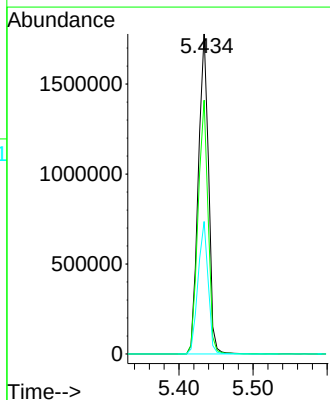
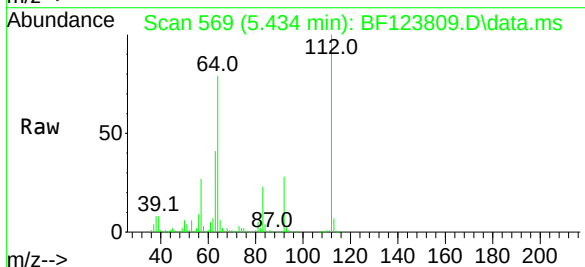
Instrument :
BNA_F
ClientSampleId :
290

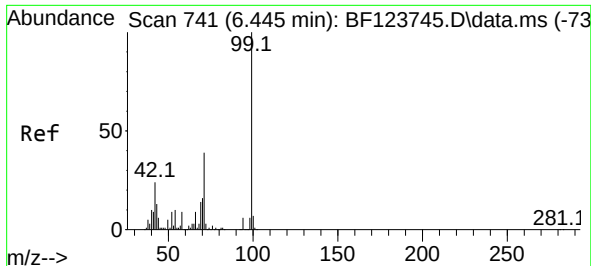
Tgt Ion:152 Resp: 229902
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 62.4 54.3 81.5



#5
2-Fluorophenol
Concen: 117.45 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:112 Resp: 1704382
Ion Ratio Lower Upper
112 100
64 79.3 61.4 92.0
63 41.4 33.0 49.4

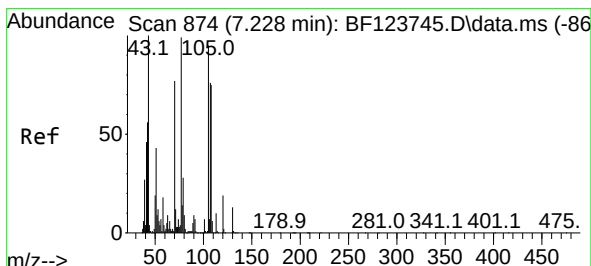
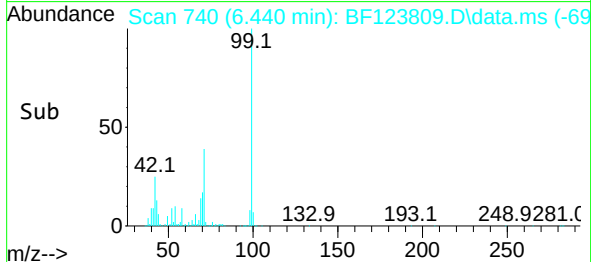
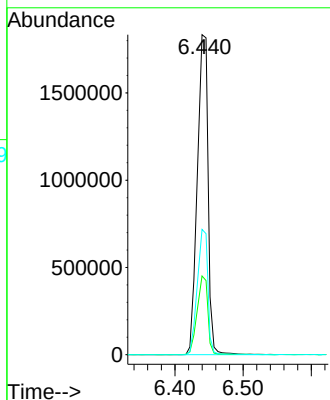
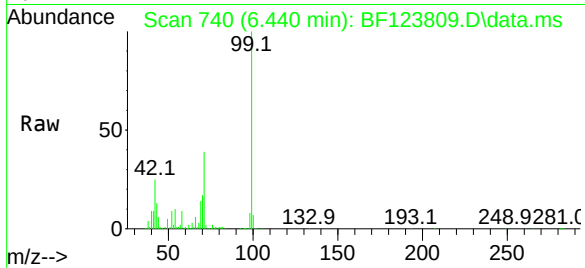




#7
Phenol-d6
Concen: 101.03 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

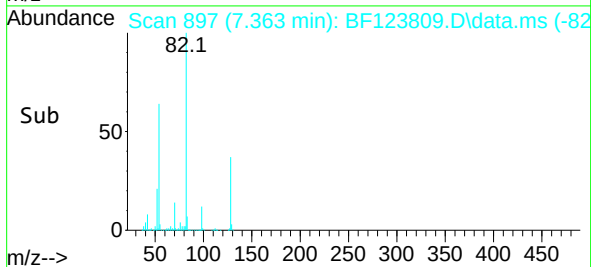
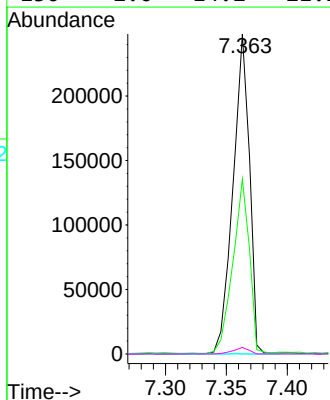
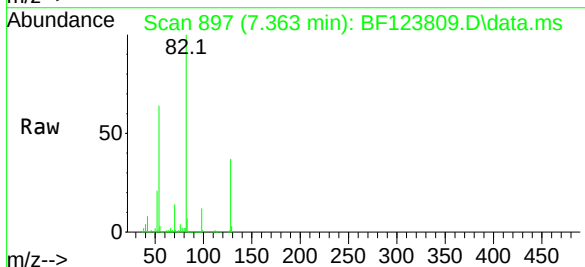
Instrument :
BNA_F
ClientSampleId :
290

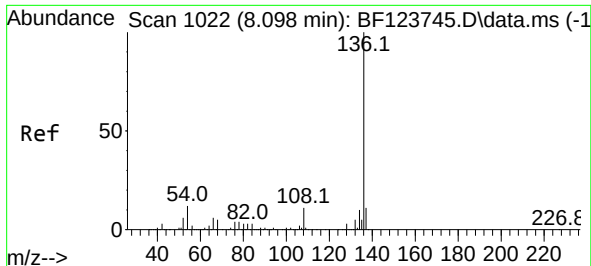
Tgt Ion: 99 Resp: 2019714
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 39.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion: 70 Resp: 232738
Ion Ratio Lower Upper
70 100
42 54.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

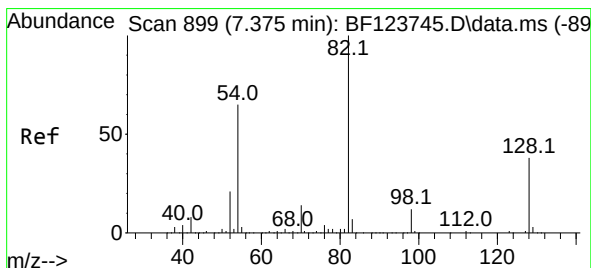
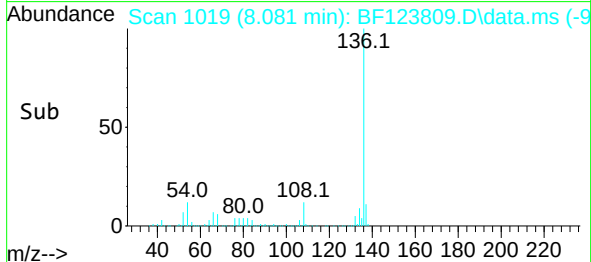
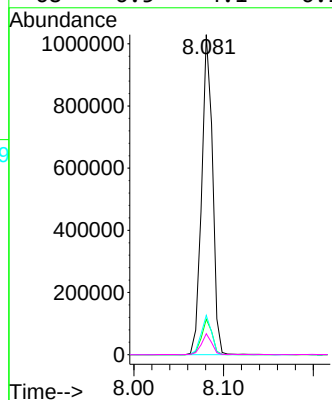
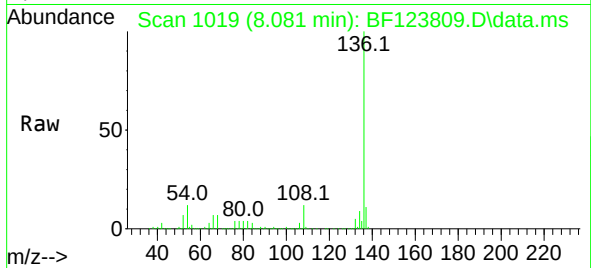




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

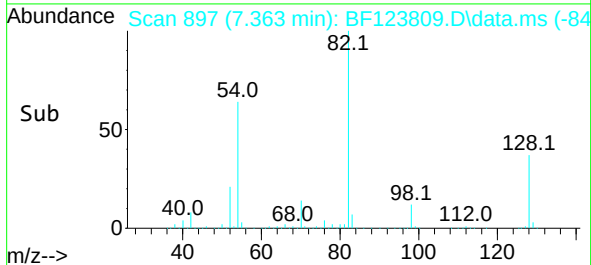
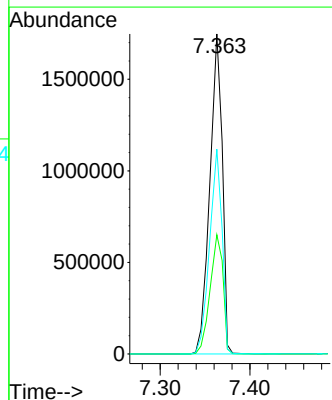
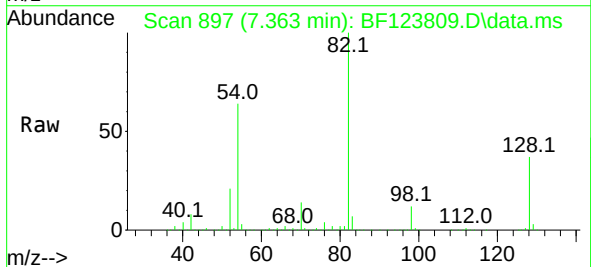
Instrument :
BNA_F
ClientSampleId :
290

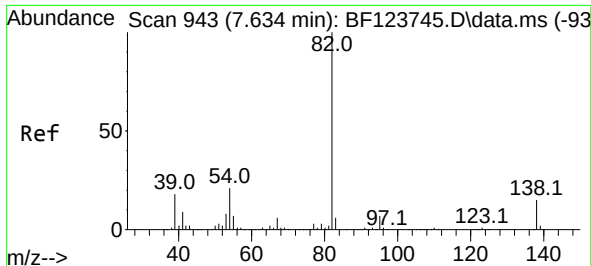
Tgt Ion:136 Resp: 863959
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 12.3 9.8 14.6
68 6.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 88.08 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion: 82 Resp: 1685760
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 64.0 54.1 81.1

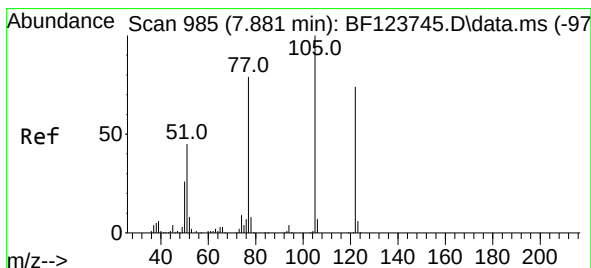
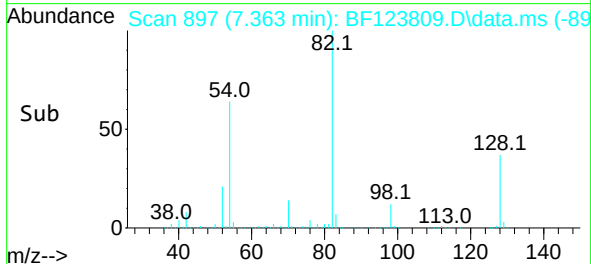
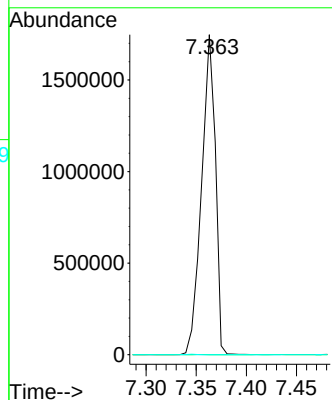
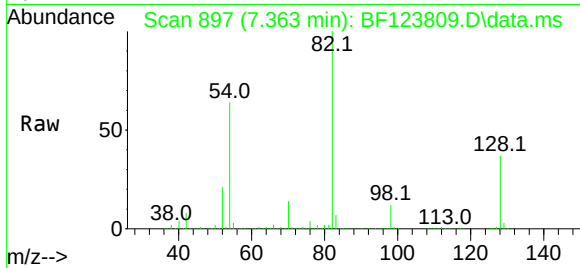




#25
Isophorone
Concen: 46.92 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

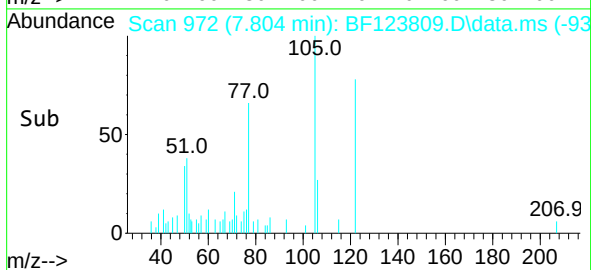
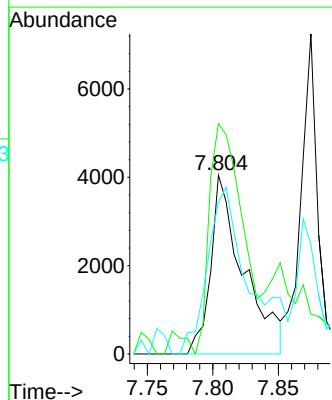
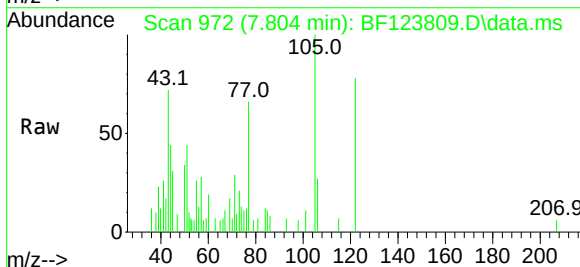
Instrument :
BNA_F
ClientSampleId :
290

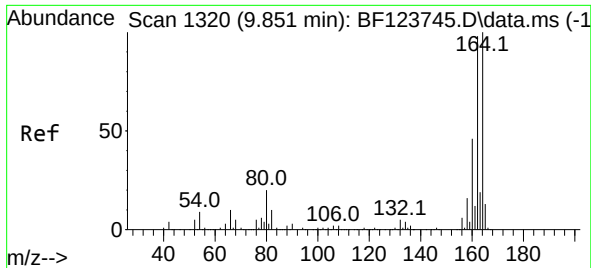
Tgt Ion: 82 Resp: 1683630
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 6.10 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.076 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:122 Resp: 7051
Ion Ratio Lower Upper
122 100
105 128.7 107.8 147.8
77 84.9 81.6 121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF123809.D

Acq: 4 May 2021 15:33

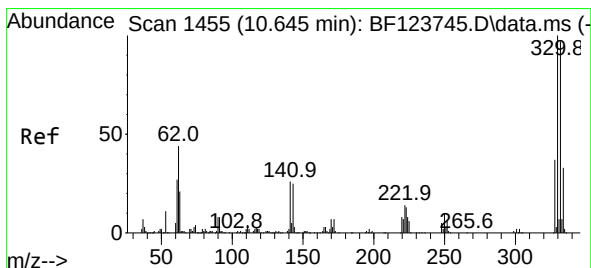
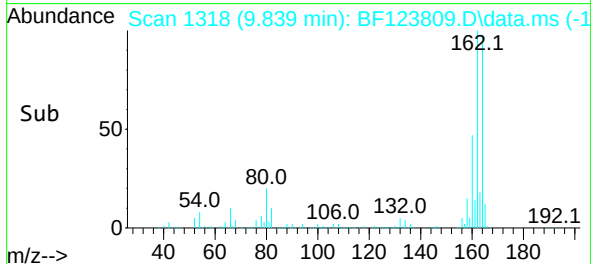
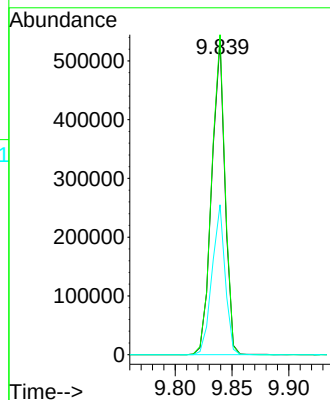
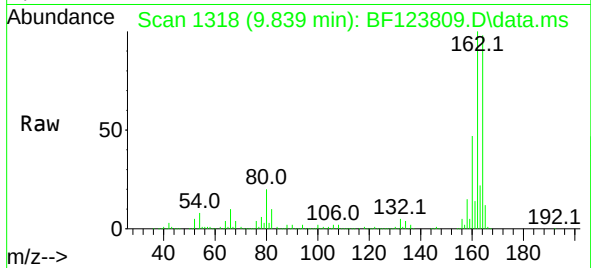
Tgt Ion:164 Resp: 434643

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

160 47.7 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 134.57 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF123809.D

Acq: 4 May 2021 15:33

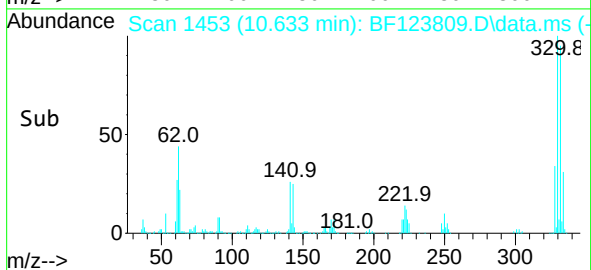
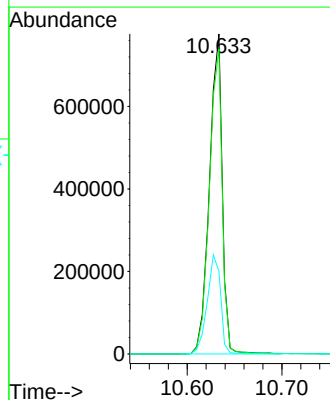
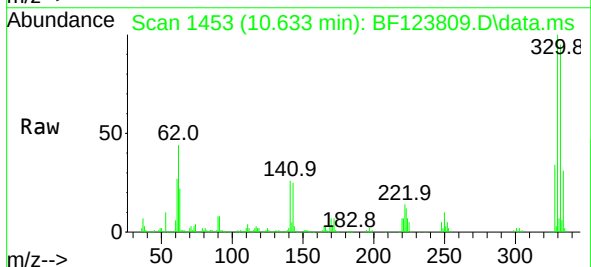
Tgt Ion:330 Resp: 728127

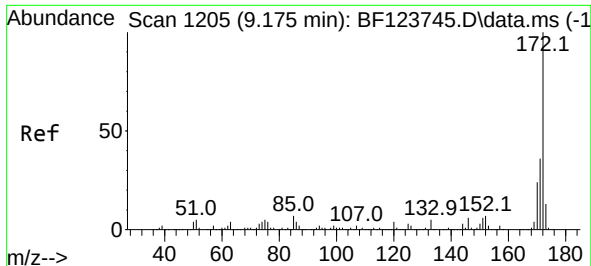
Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 32.5 27.9 41.9

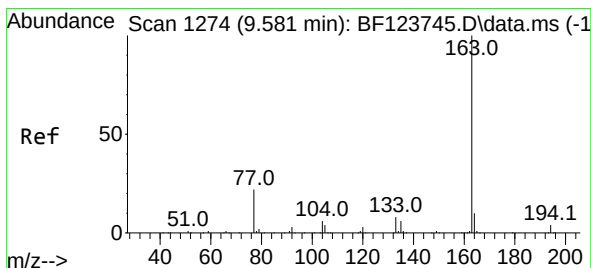
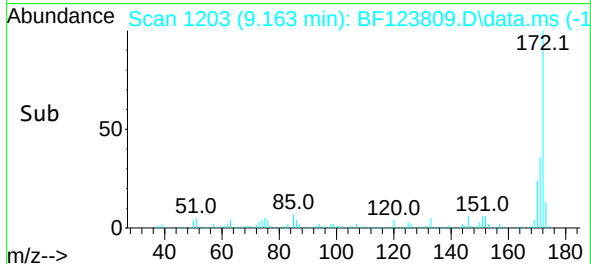
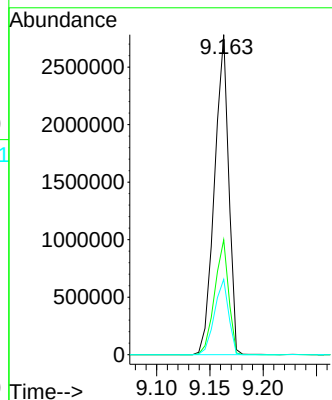
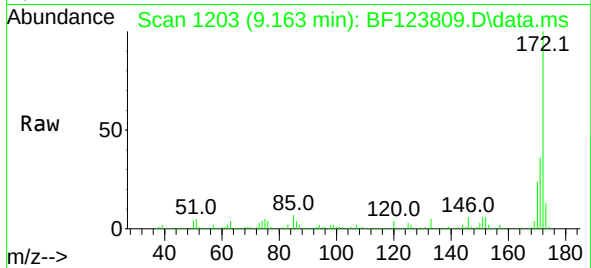




#45
2-Fluorobiphenyl
Concen: 86.46 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

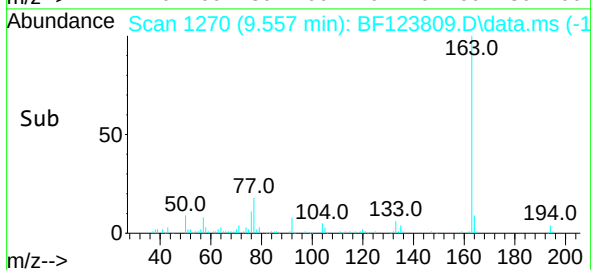
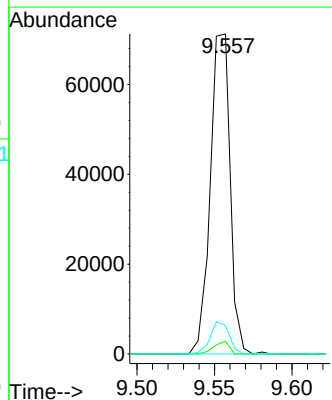
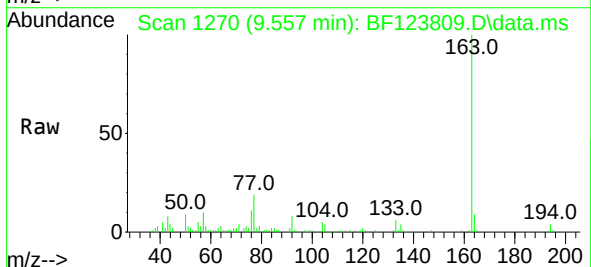
Instrument :
BNA_F
ClientSampleId :
290

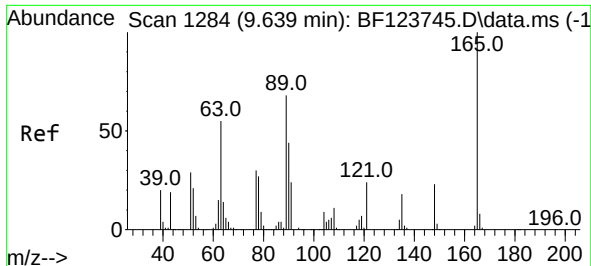
Tgt Ion:172 Resp: 2580547
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 2.08 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:163 Resp: 63534
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 8.9 8.2 12.2

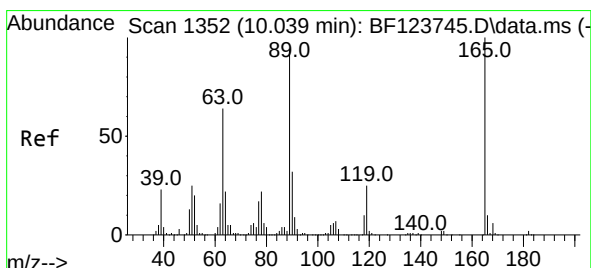
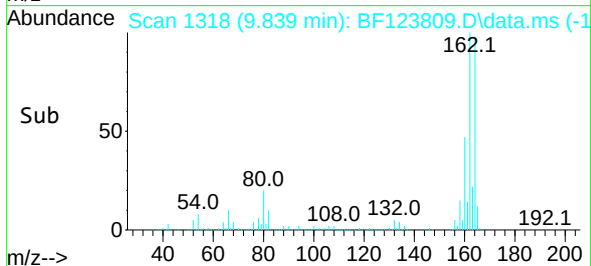
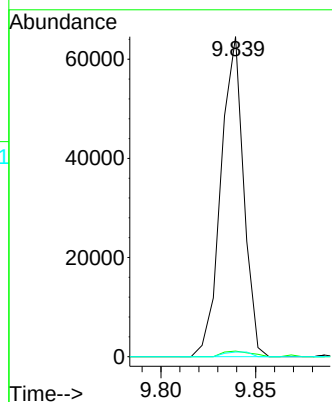
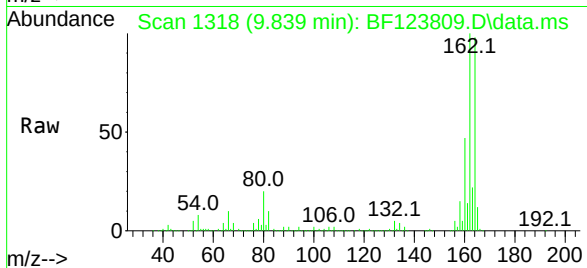




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

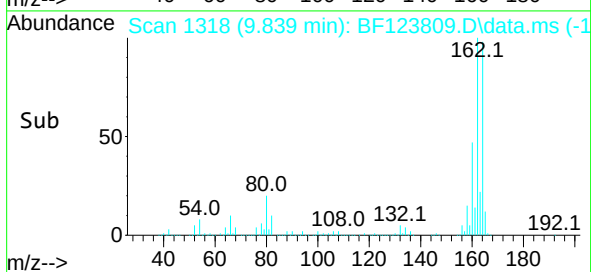
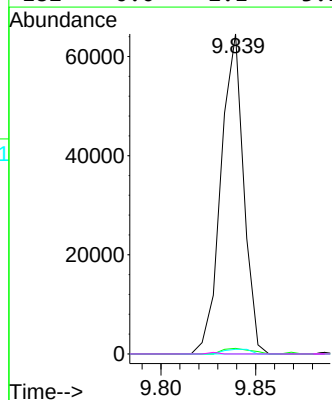
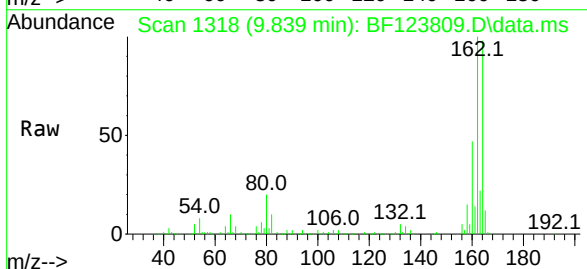
Instrument :
BNA_F
ClientSampleId :
290

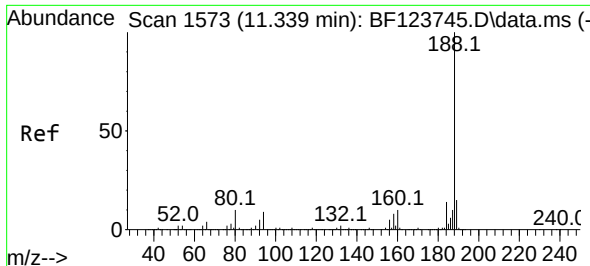
Tgt Ion:165 Resp: 53784
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.194 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:165 Resp: 53784
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.5 67.7 101.5#
182 0.0 2.1 3.1#

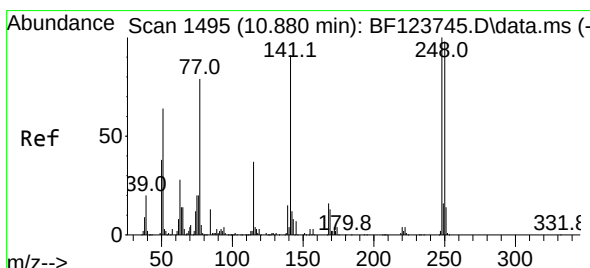
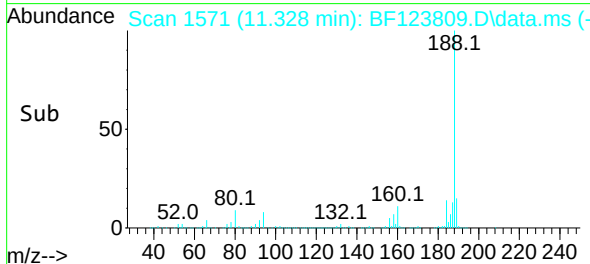
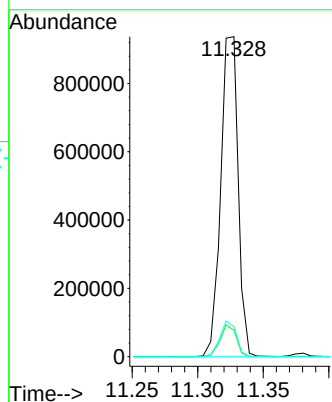
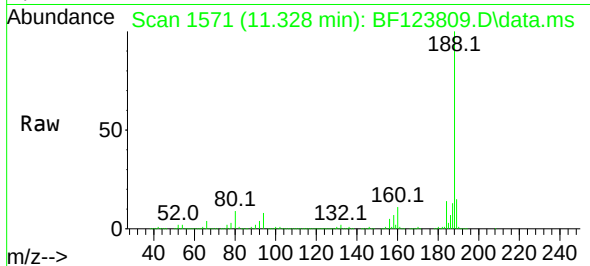




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

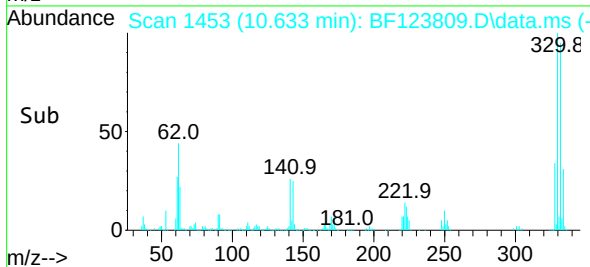
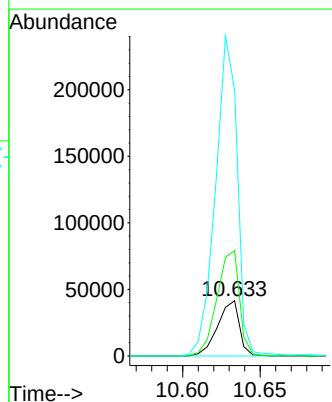
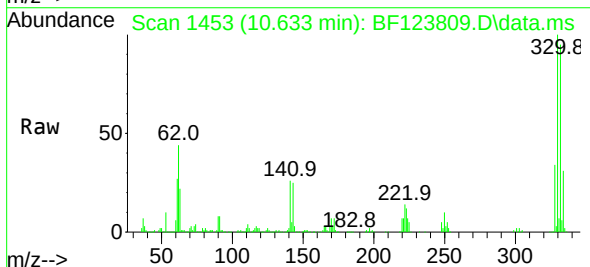
Instrument :
BNA_F
ClientSampled :
290

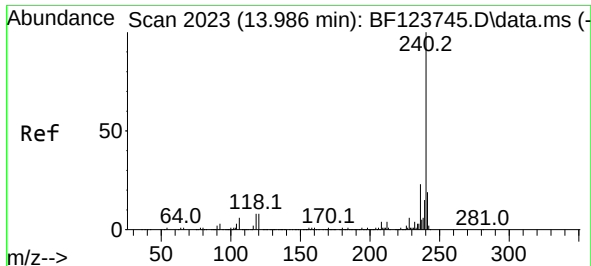
Tgt Ion:188 Resp: 864324
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.241 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:248 Resp: 40667
Ion Ratio Lower Upper
248 100
250 190.6 77.4 116.2#
141 482.0 63.7 95.5#

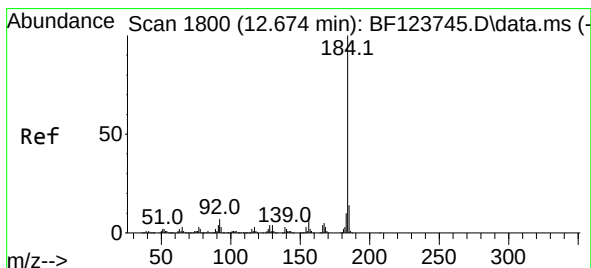
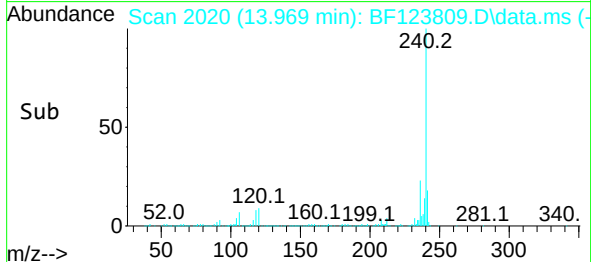
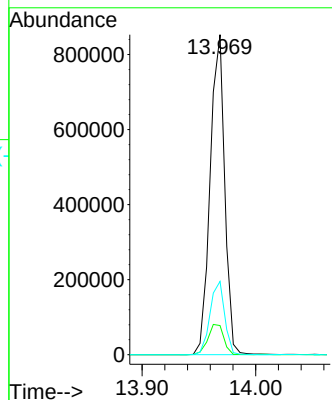
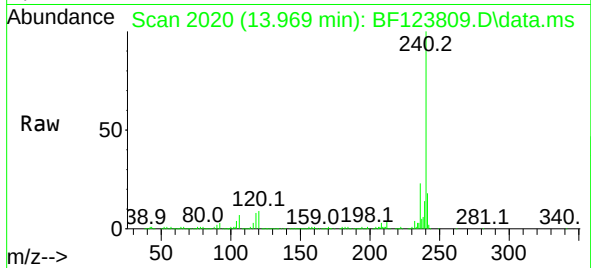




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

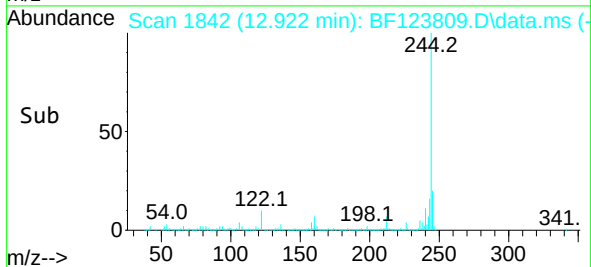
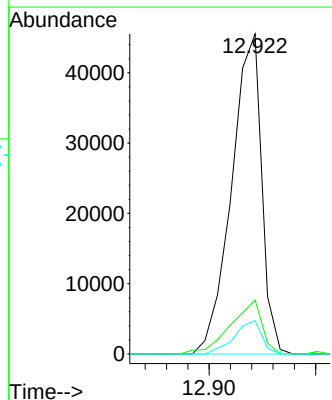
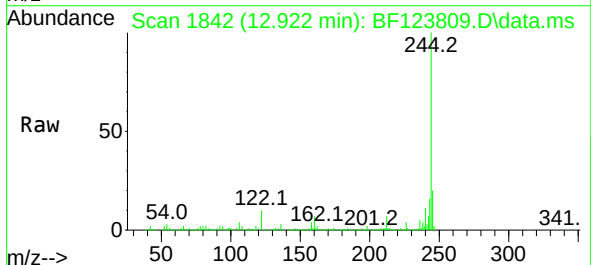
Instrument :
BNA_F
ClientSampleId :
290

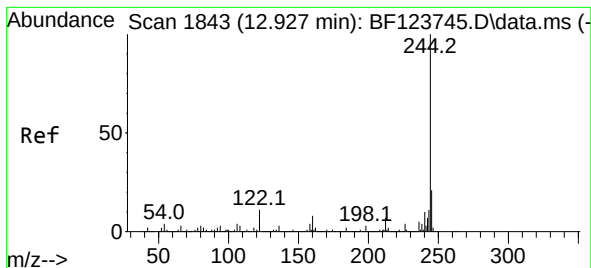
Tgt Ion:240 Resp: 758457
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 22.9 19.0 28.4



#77
Benzidine
Concen: 2.27 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF123809.D
Acq: 4 May 2021 15:33

Tgt Ion:184 Resp: 44630
Ion Ratio Lower Upper
184 100
185 16.9 12.1 18.1
183 10.5 7.8 11.8





#79

Terphenyl-d14

Concen: 79.20 ng

RT: 12.922 min Scan# 1842

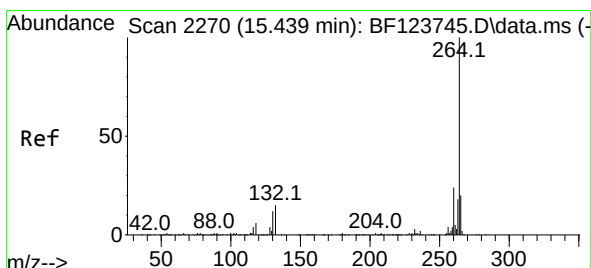
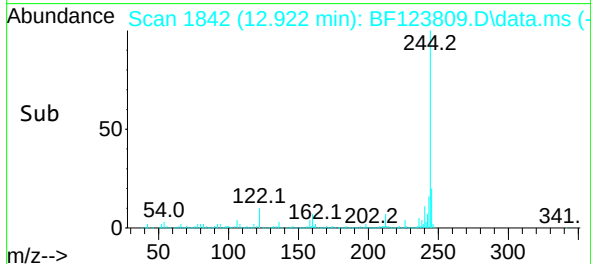
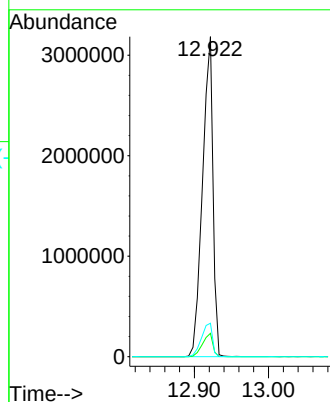
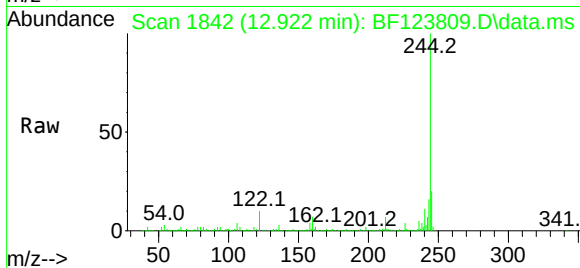
Delta R.T. 0.006 min

Lab File: BF123809.D

Acq: 4 May 2021 15:33

Tgt Ion:244 Resp: 3119669

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.5	9.7	14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF123809.D

Acq: 4 May 2021 15:33

Tgt Ion:264 Resp: 623729

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	17.8	26.8

