

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123904.D
 Acq On : 11 May 2021 4:25
 Operator : JU/CG
 Sample : M2302-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104-SB-2

Quant Time: May 11 05:42:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

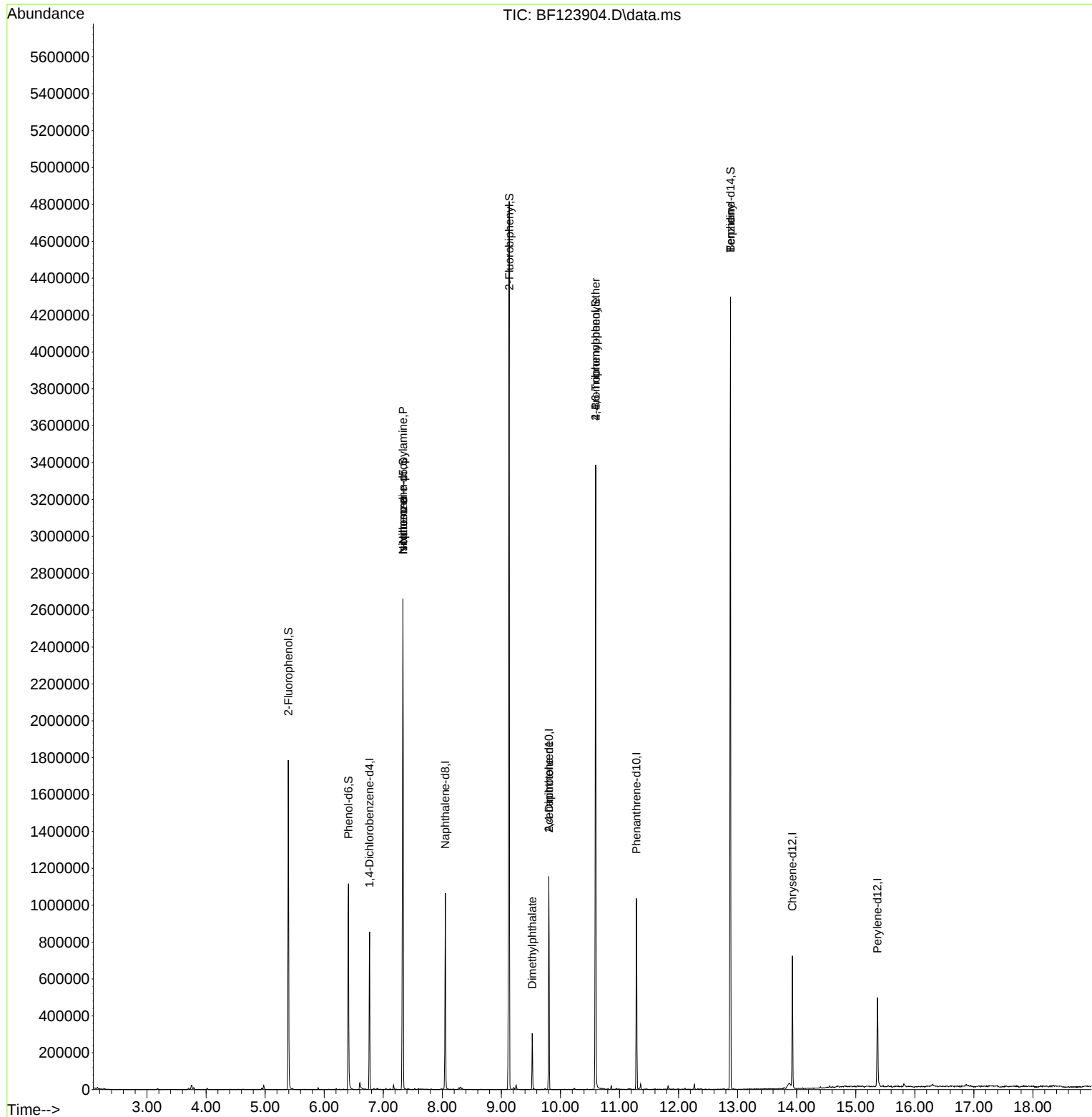
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	106529	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	391409	20.00	ng	# 0.00
39) Acenaphthene-d10	9.804	164	199928	20.00	ng	0.00
64) Phenanthrene-d10	11.286	188	363980	20.00	ng	0.00
76) Chrysene-d12	13.927	240	230285	20.00	ng	0.00
86) Perylene-d12	15.368	264	215112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	337501	46.27	ng	0.00
7) Phenol-d6	6.410	99	272267	27.97	ng	0.00
23) Nitrobenzene-d5	7.333	82	849488	90.09	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	370859	125.93	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1380832	86.19	ng	0.00
79) Terphenyl-d14	12.880	244	1315364	93.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	121906	20.45	ng	# 79
25) Isophorone	7.333	82	847171	52.21	ng	# 69
50) Dimethylphthalate	9.521	163	89990	5.93	ng	97
57) 2,4-Dinitrotoluene	9.804	165	24315	5.16	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	21262	5.46	ng	# 1
77) Benzidine	12.880	184	18810	3.90	ng	94

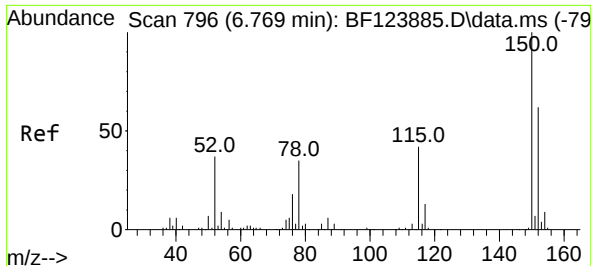
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
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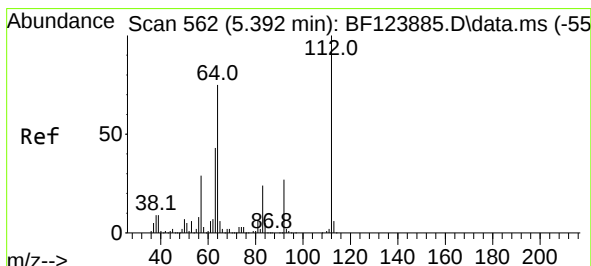
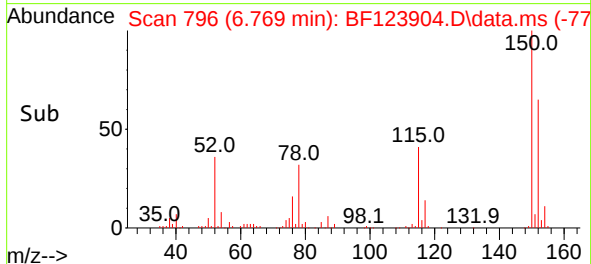
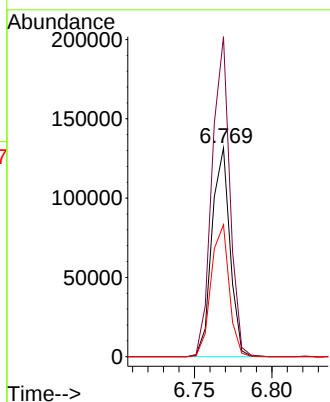
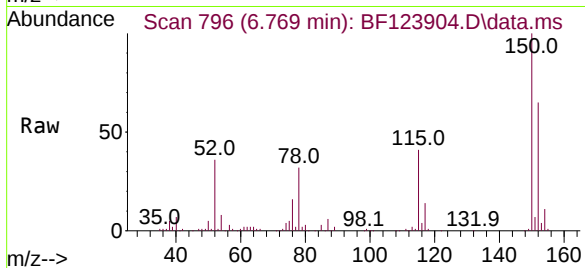




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

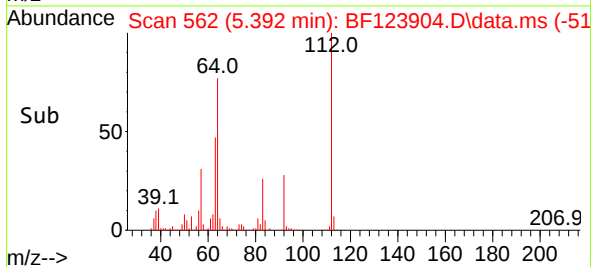
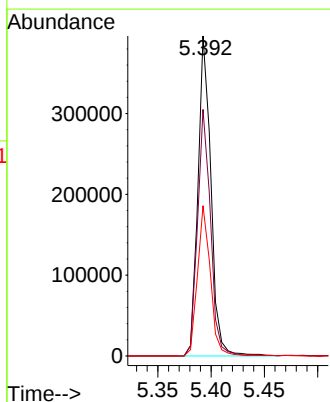
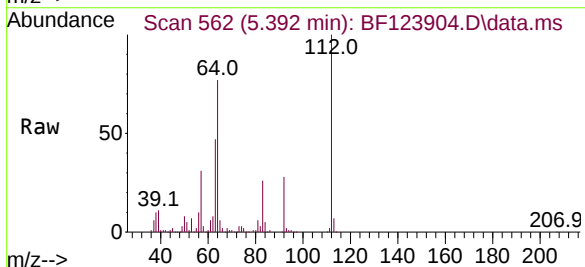
Instrument :
BNA_F
ClientSampled :
104-SB-2

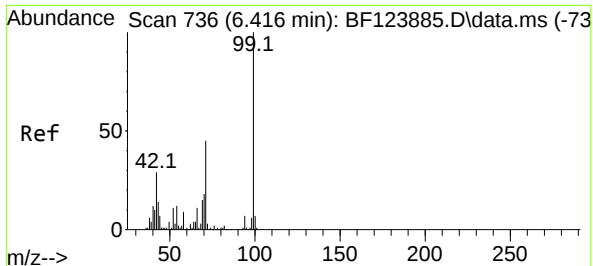
Tgt Ion:152 Resp: 106529
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 63.2 54.3 81.5



#5
2-Fluorophenol
Concen: 46.27 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion:112 Resp: 337501
Ion Ratio Lower Upper
112 100
64 77.1 61.4 92.0
63 46.9 33.0 49.4

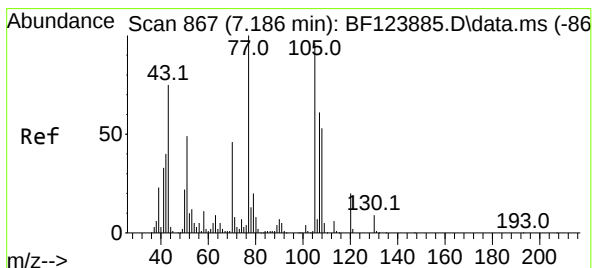
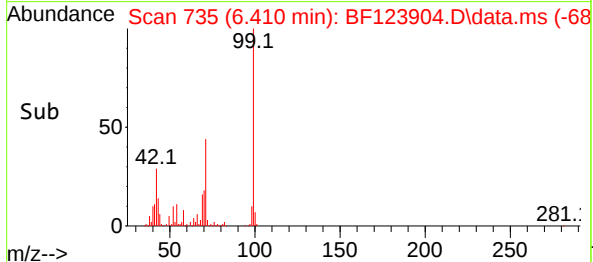
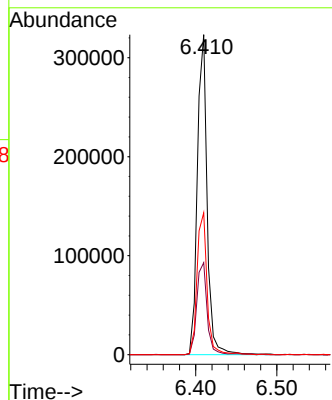
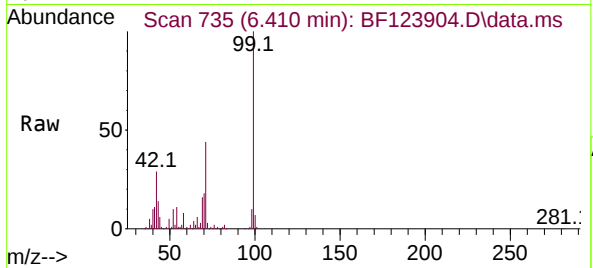




#7
Phenol-d6
Concen: 27.97 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

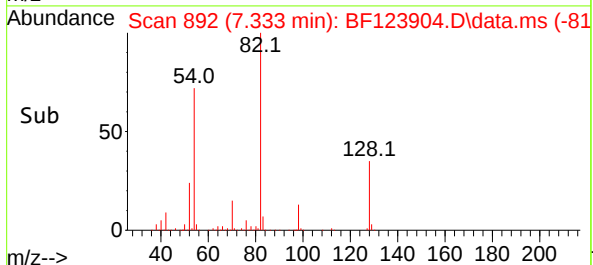
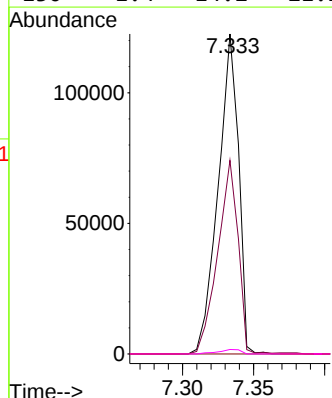
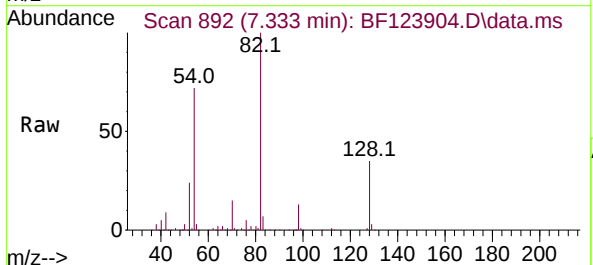
Instrument :
BNA_F
ClientSampleId :
104-SB-2

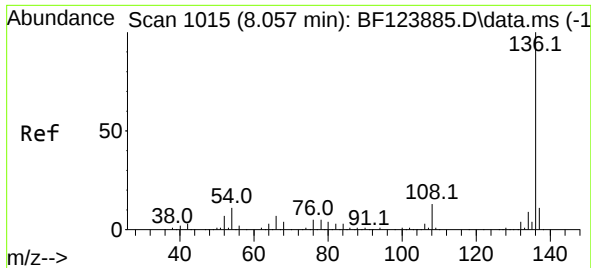
Tgt Ion:	99	Resp:	272267
Ion	Ratio	Lower	Upper
99	100		
42	28.7	19.8	29.8
71	44.4	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.45 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion:	70	Resp:	121906
Ion	Ratio	Lower	Upper
70	100		
42	60.5	60.1	90.1
101	0.0	7.4	11.2#
130	1.4	14.2	21.2#

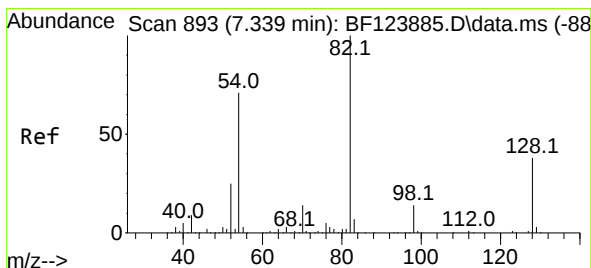
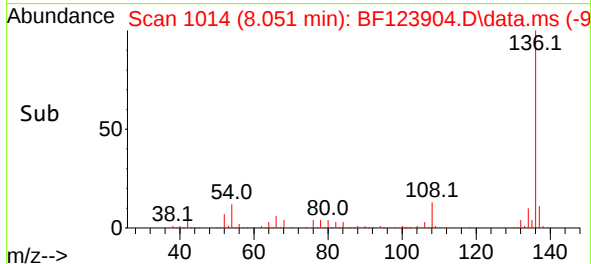
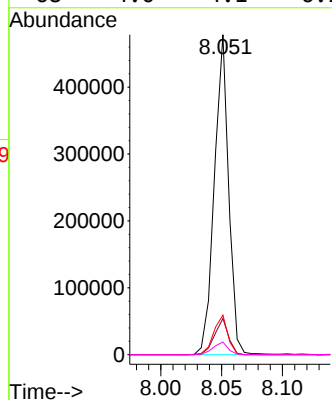
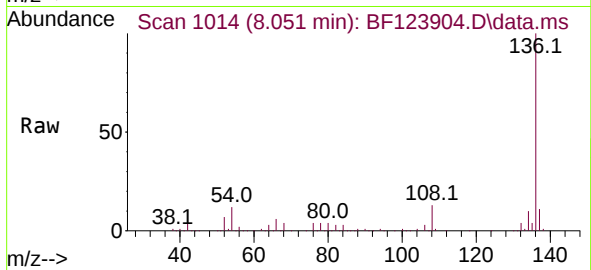




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

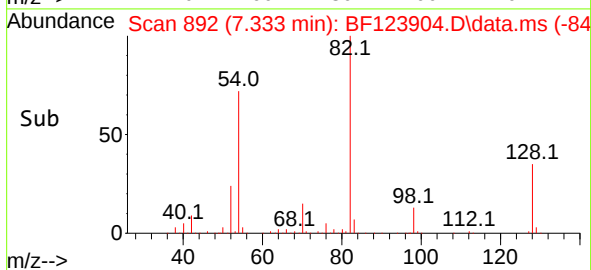
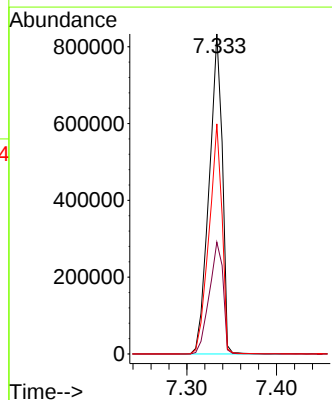
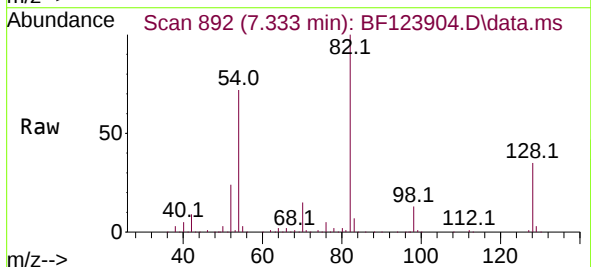
Instrument :
BNA_F
ClientSampleId :
104-SB-2

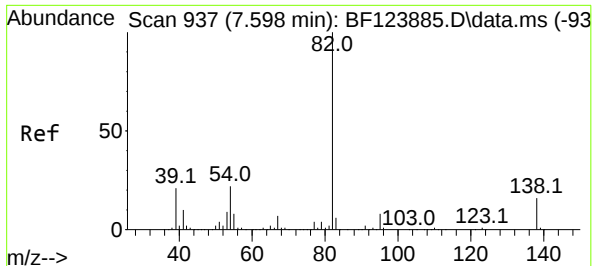
Tgt Ion:136	Resp: 391409
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 12.4	9.8 14.6
68 4.0	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 90.09 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion: 82	Resp: 849488
Ion Ratio	Lower Upper
82 100	
128 35.0	29.4 44.2
54 71.9	54.1 81.1

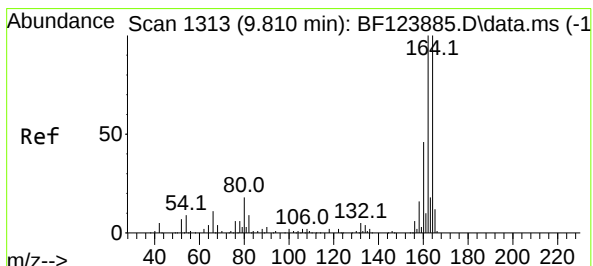
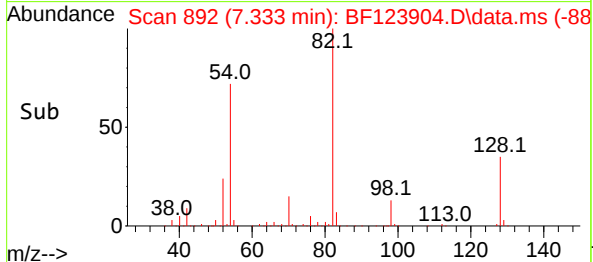
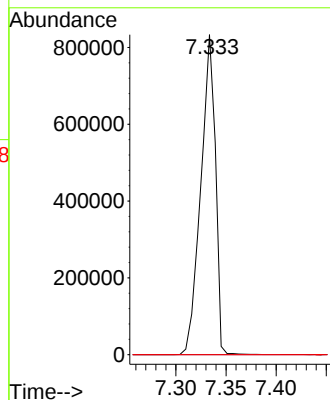
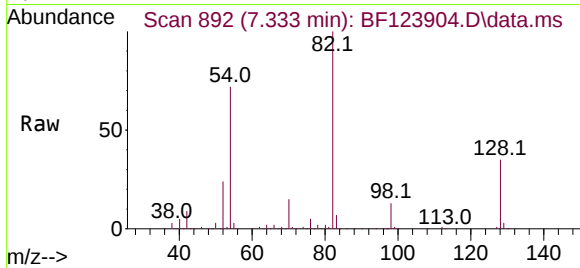




#25
Isophorone
Concen: 52.21 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

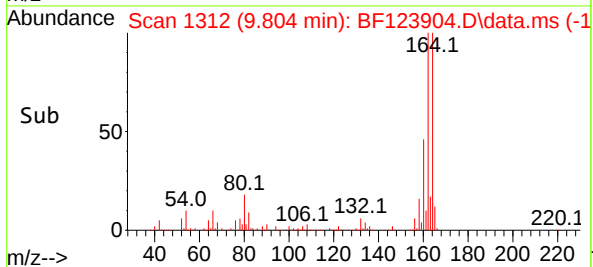
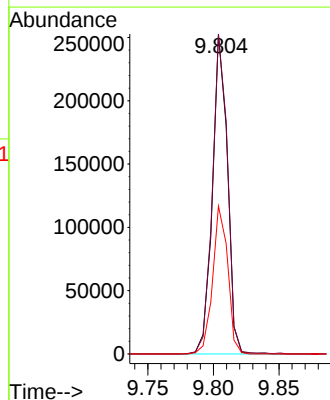
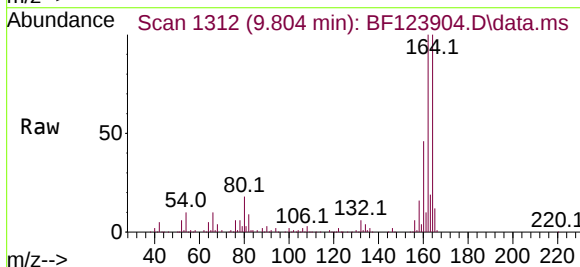
Instrument :
BNA_F
ClientSampleId :
104-SB-2

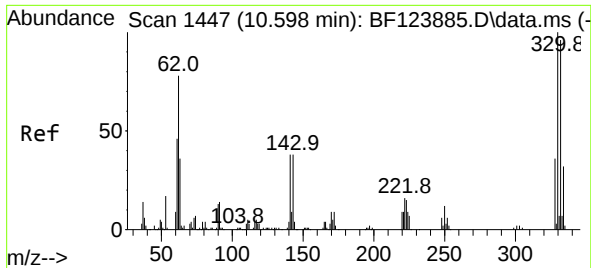
Tgt Ion: 82 Resp: 847171
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion: 164 Resp: 199928
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 46.2 37.3 55.9

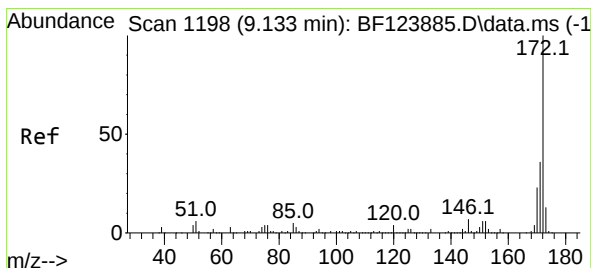
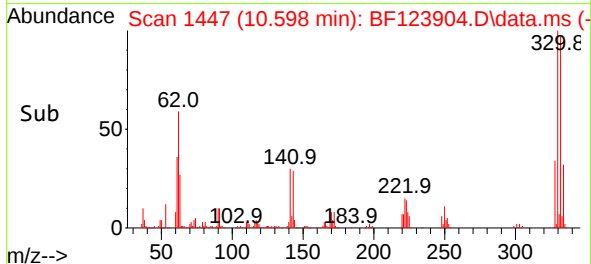
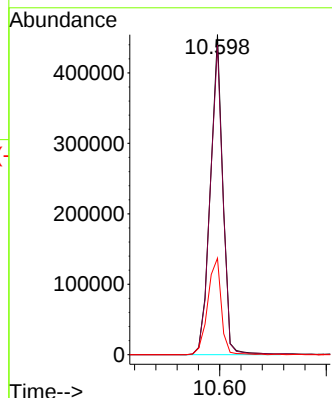
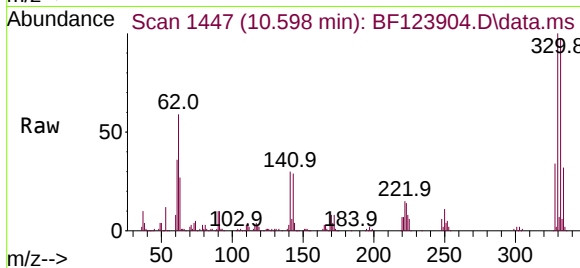




#42
2,4,6-Tribromophenol
Concen: 125.93 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

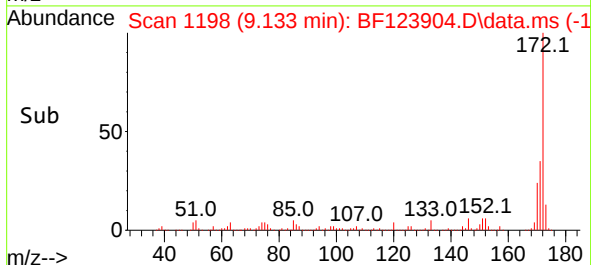
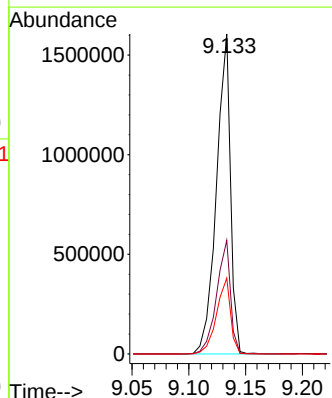
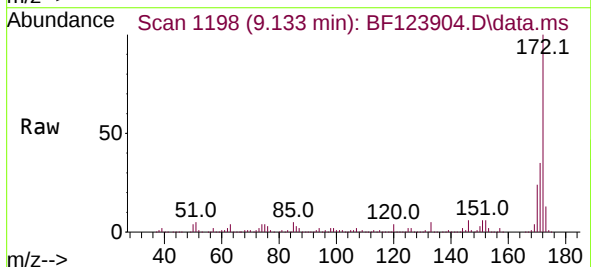
Instrument :
BNA_F
ClientSampled :
104-SB-2

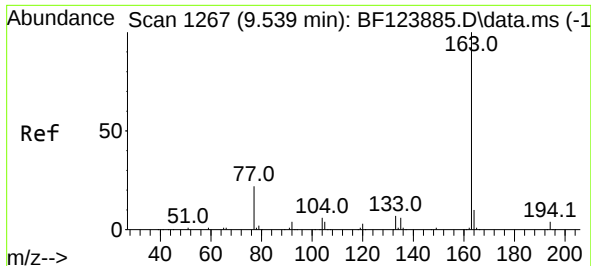
Tgt Ion: 330 Resp: 370859
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 32.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 86.19 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion: 172 Resp: 1380832
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.2 28.8

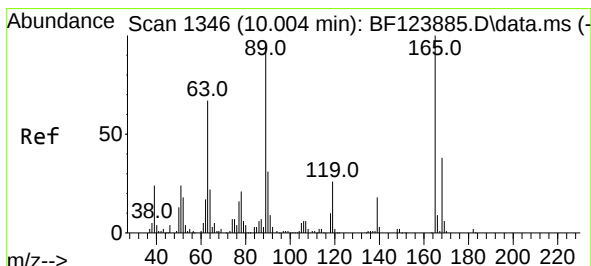
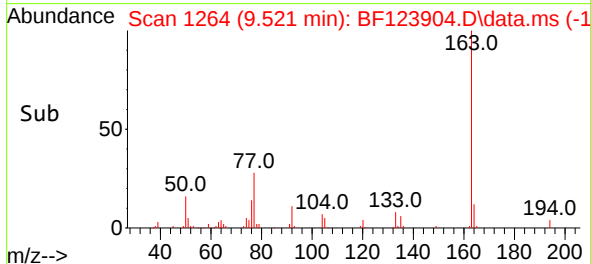
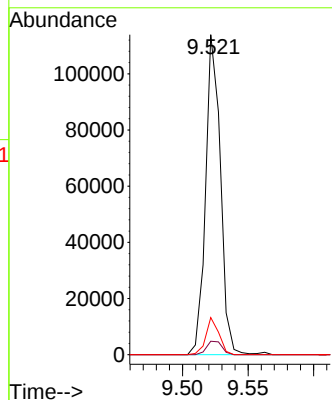
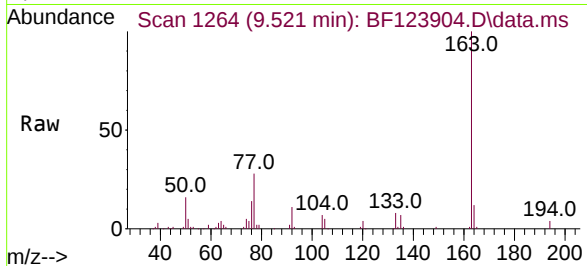




#50
Dimethylphthalate
Concen: 5.93 ng
RT: 9.521 min Scan# 1264
Delta R.T. -0.018 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

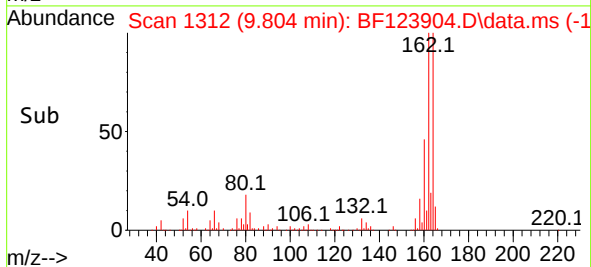
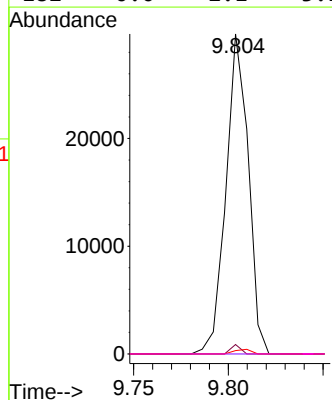
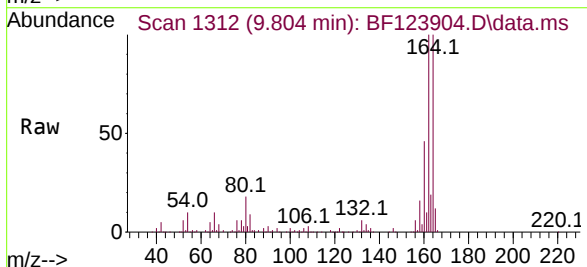
Instrument :
BNA_F
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104-SB-2

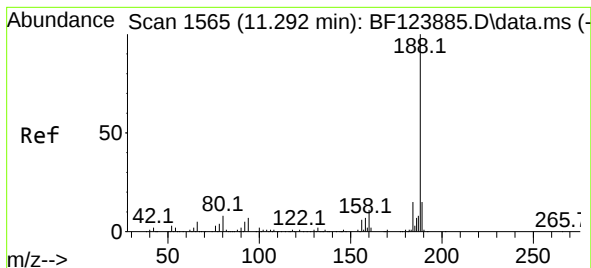
Tgt Ion:163 Resp: 89990
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 11.6 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion:165 Resp: 24315
Ion Ratio Lower Upper
165 100
63 2.9 43.5 65.3#
89 1.0 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF123904.D

Acq: 11 May 2021 4:25

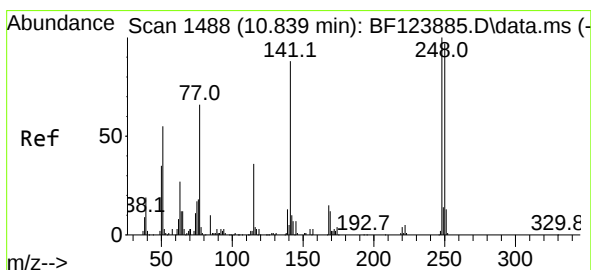
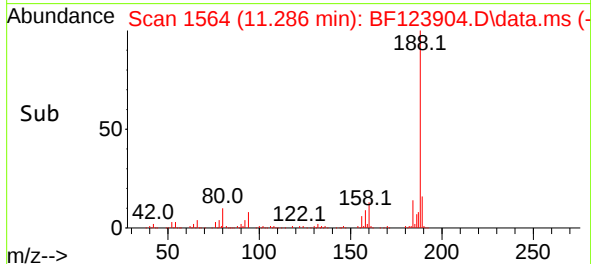
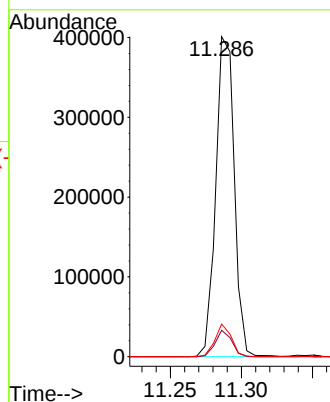
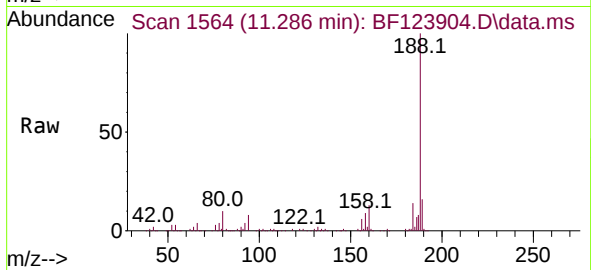
Tgt Ion:188	Resp:	363980
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.9 10.3
80	10.2	8.2 12.2

Instrument :

BNA_F

ClientSampleId :

104-SB-2



#67

4-Bromophenyl-phenylether

Concen: 5.46 ng

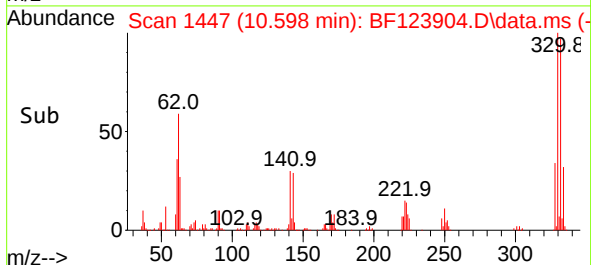
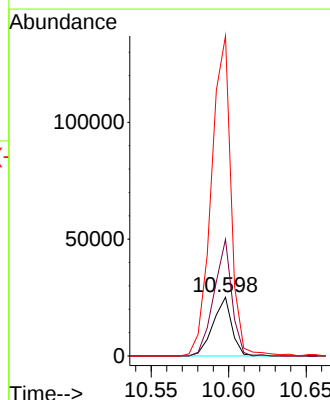
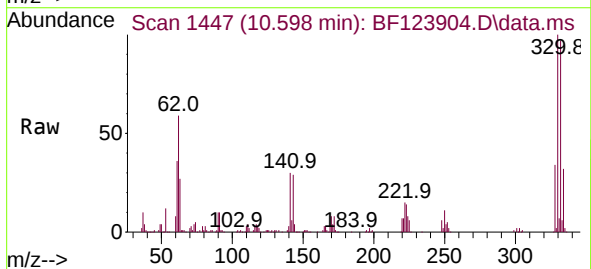
RT: 10.598 min Scan# 1447

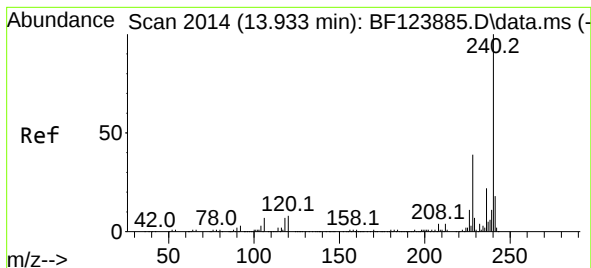
Delta R.T. -0.241 min

Lab File: BF123904.D

Acq: 11 May 2021 4:25

Tgt Ion:248	Resp:	21262
Ion Ratio	Lower	Upper
248	100	
250	198.3	77.4 116.2#
141	544.2	63.7 95.5#

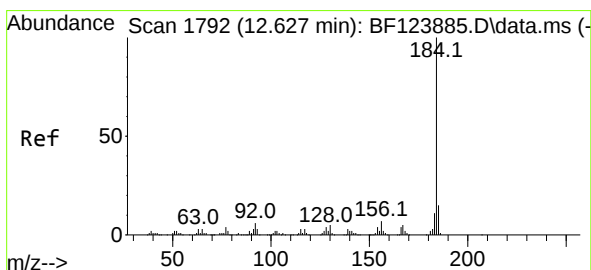
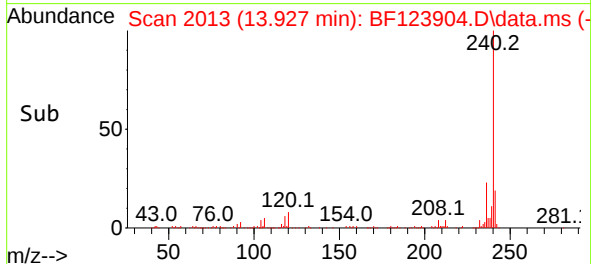
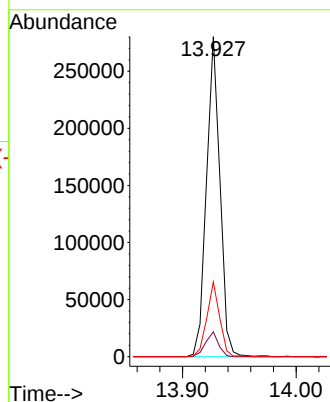
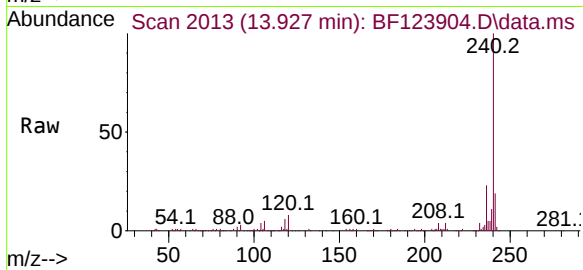




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

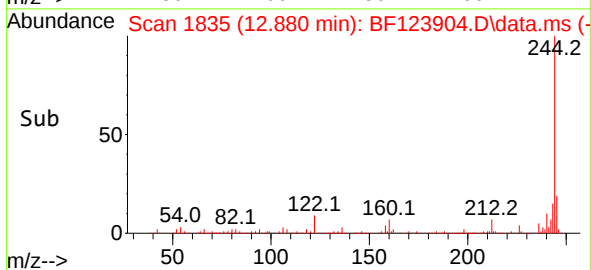
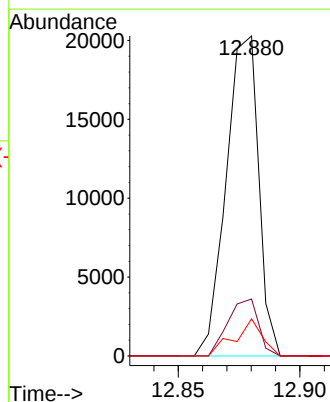
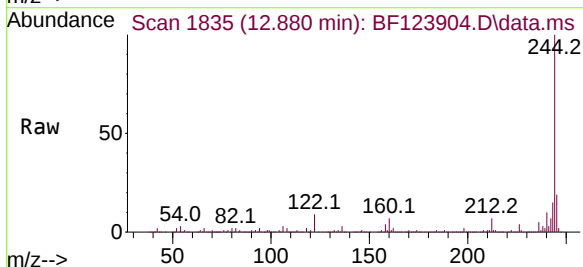
Instrument :
BNA_F
ClientSampleId :
104-SB-2

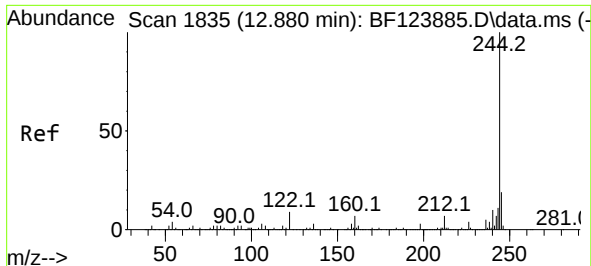
Tgt Ion:240 Resp: 230285
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.4 19.0 28.4



#77
Benzidine
Concen: 3.90 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion:184 Resp: 18810
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 11.6 7.8 11.8

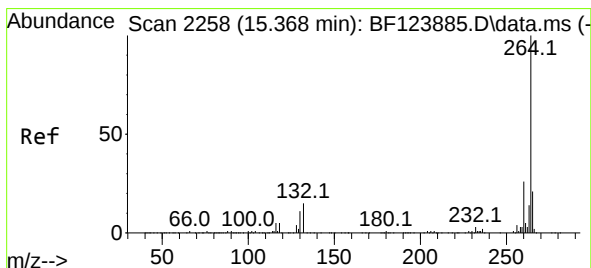
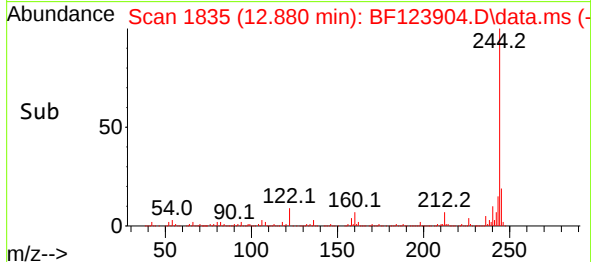
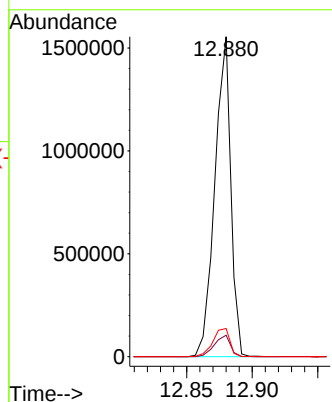
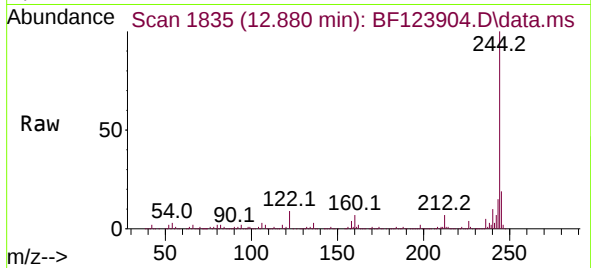




#79
Terphenyl-d14
Concen: 93.34 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Instrument :
BNA_F
ClientSampleId :
104-SB-2

Tgt Ion:244 Resp: 1315364
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.8 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123904.D
Acq: 11 May 2021 4:25

Tgt Ion:264 Resp: 215112
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 20.7 17.8 26.8

