

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
 Data File : BF123577.D
 Acq On : 15 Apr 2021 20:23
 Operator : JU/CG
 Sample : M2007-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37TH-ST-2021

Quant Time: Apr 16 00:30:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 15:43:17 2021
 Response via : Initial Calibration

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

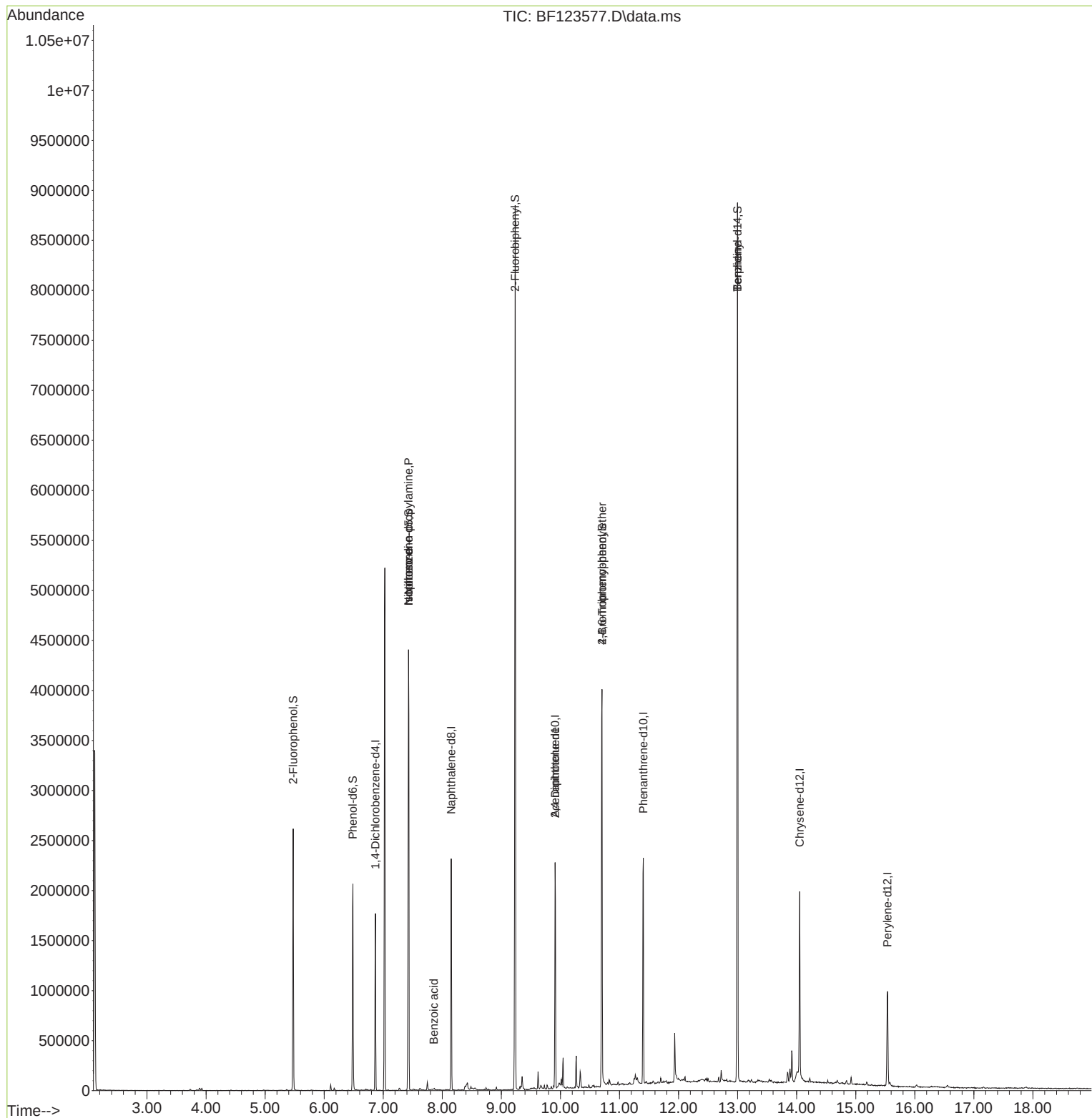
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	224168	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	837154	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	423052	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	800014	20.00	ng	0.00
76) Chrysene-d12	14.051	240	611507	20.00	ng	0.00
86) Perylene-d12	15.539	264	455987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	536500	38.68	ng	0.00
7) Phenol-d6	6.487	99	571107	29.72	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1464961	80.45	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	483718	100.97	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2479142	87.36	ng	0.00
79) Terphenyl-d14	12.998	244	3157087	100.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	199991	15.71	ng	# 75
25) Isophorone	7.428	82	1464921	41.46	ng	# 69
32) Benzoic acid	7.857	122	204	4.57	ng	# 1
57) 2,4-Dinitrotoluene	9.910	165	54641	6.38	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	28076	3.36	ng	# 1
77) Benzidine	12.998	184	42758	2.57	ng	# 89
89) Benzo(k)fluoranthene	15.127	252	590	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.456	276	144	Below Cal		# 56

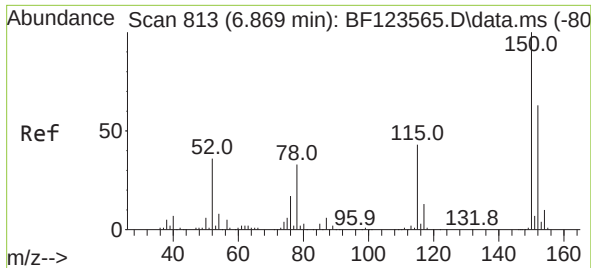
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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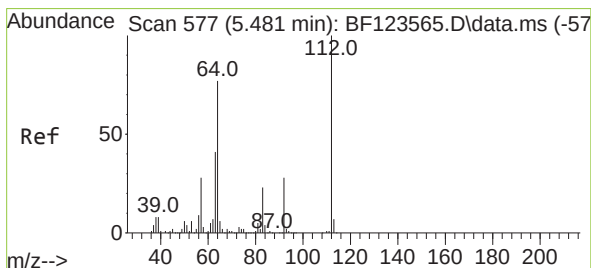
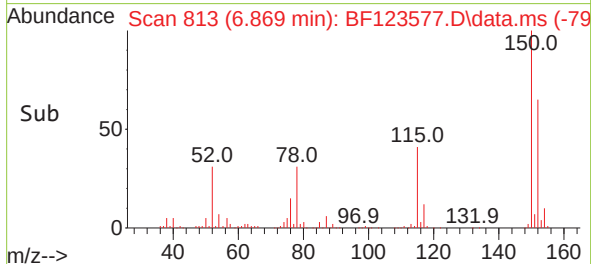
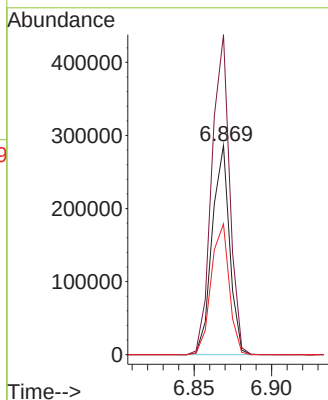
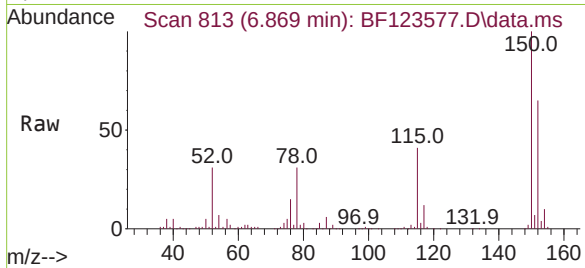




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

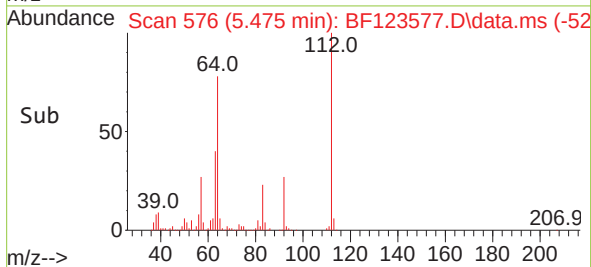
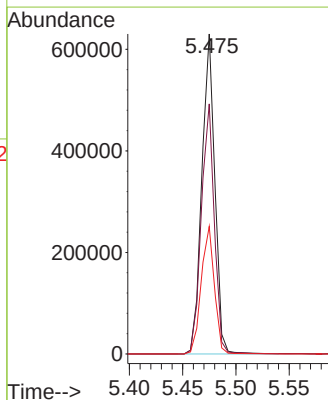
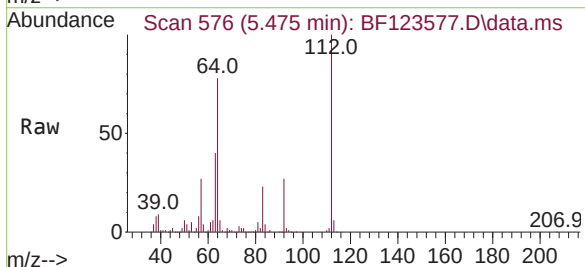
Instrument :
BNA_F
ClientSampleId :
37TH-ST-2021

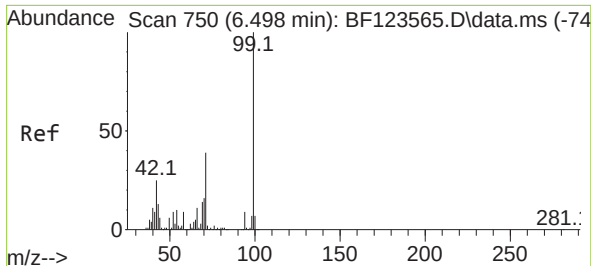
Tgt Ion:152 Resp: 224168
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 62.5 54.3 81.5



#5
2-Fluorophenol
Concen: 38.68 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:112 Resp: 536500
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 39.9 33.0 49.4

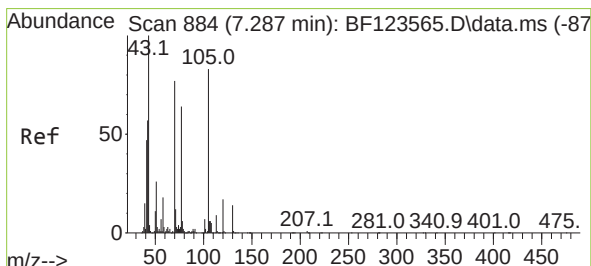
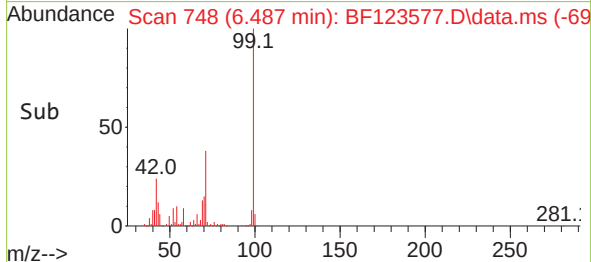
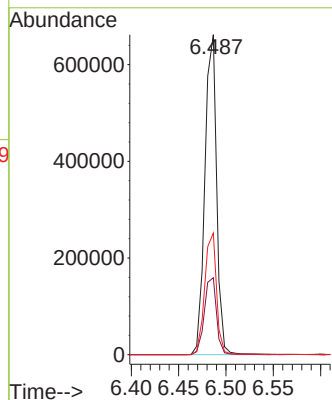
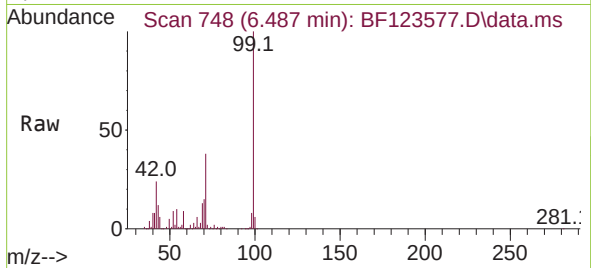




#7
Phenol-d6
Concen: 29.72 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

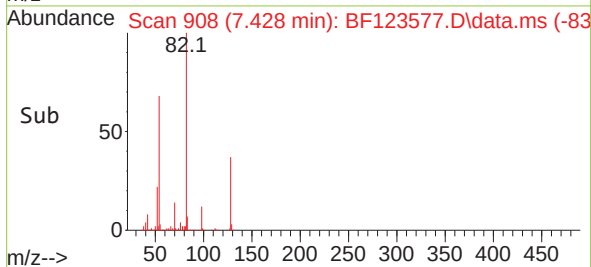
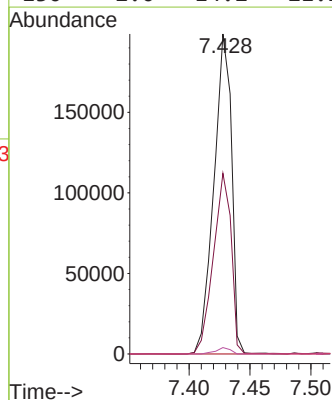
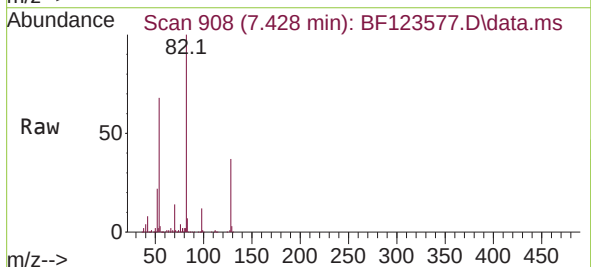
Instrument :
BNA_F
ClientSampleId :
37TH-ST-2021

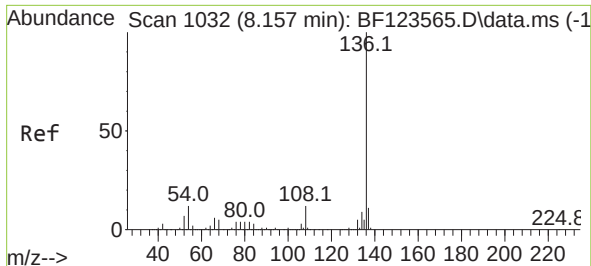
Tgt Ion:	99	Resp:	571107
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.8
71	38.0	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.71 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:	70	Resp:	199991
Ion	Ratio	Lower	Upper
70	100		
42	56.5	60.1	90.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.2#



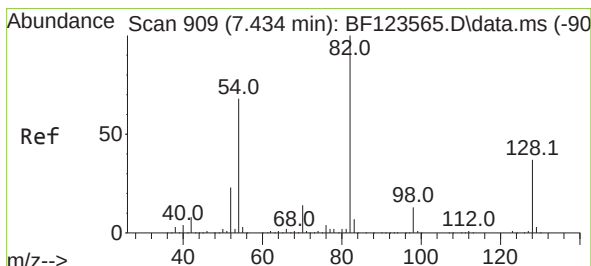
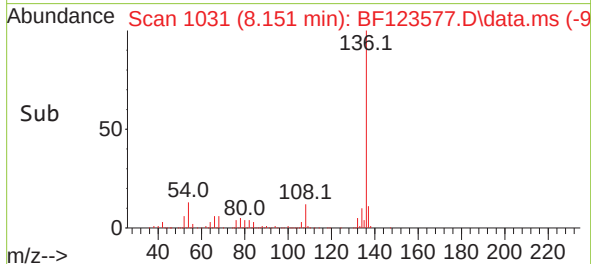
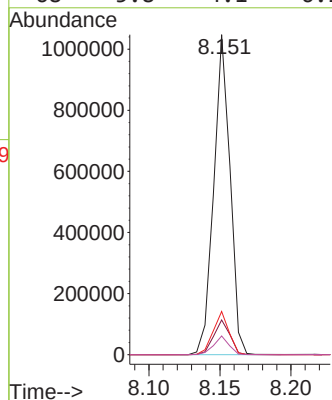
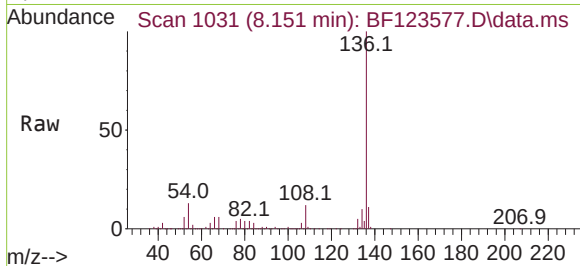


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Instrument :
BNA_F
ClientSampleId :
37TH-ST-2021

Tgt Ion:136 Resp: 837154

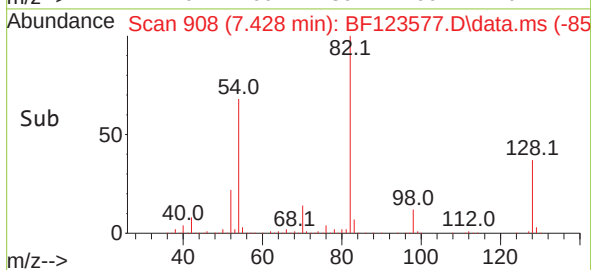
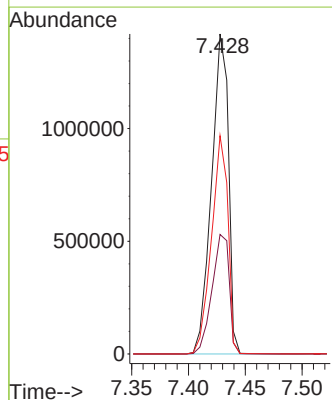
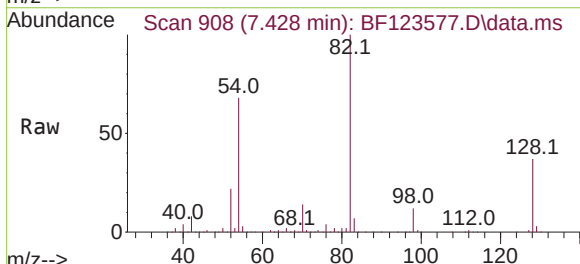
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.5	9.8	14.6
68	5.8	4.1	6.1

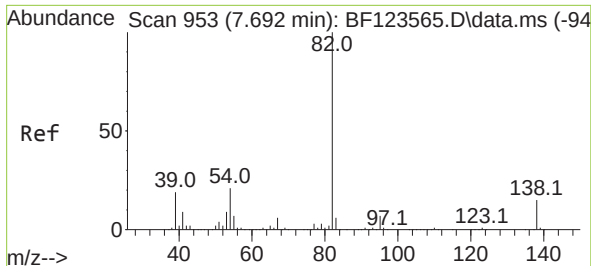


#23
Nitrobenzene-d5
Concen: 80.45 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion: 82 Resp: 1464961

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.4	44.2
54	68.2	54.1	81.1

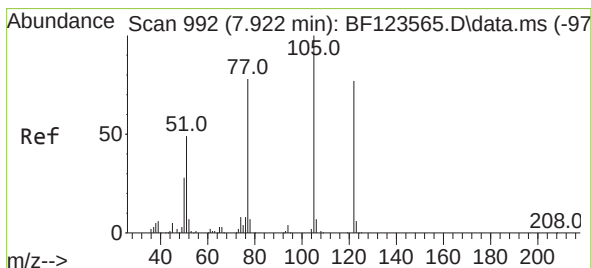
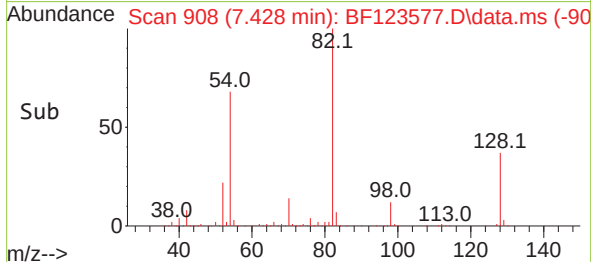
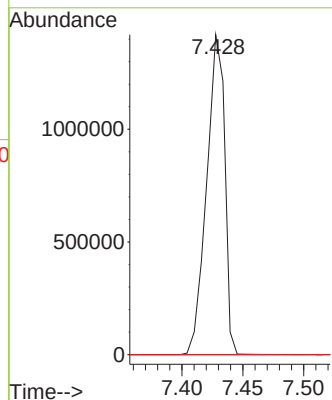
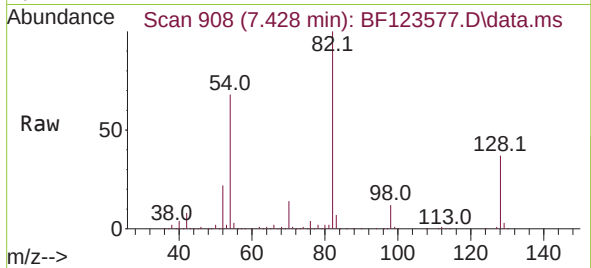




#25
Isophorone
Concen: 41.46 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

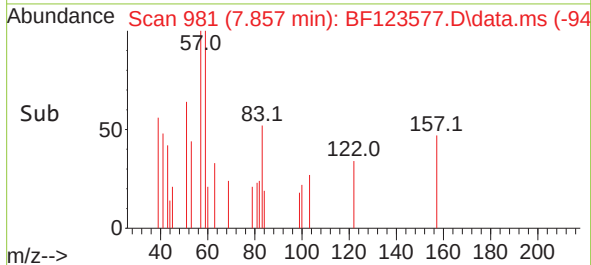
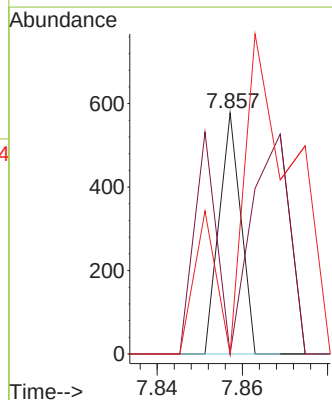
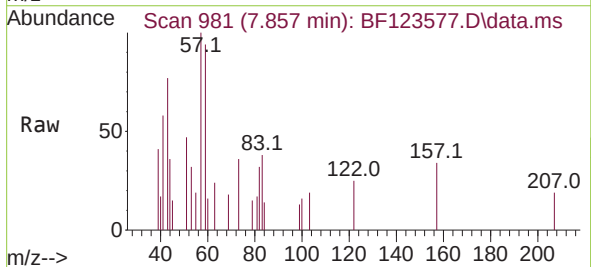
Instrument :
BNA_F
ClientSampleId :
37TH-ST-2021

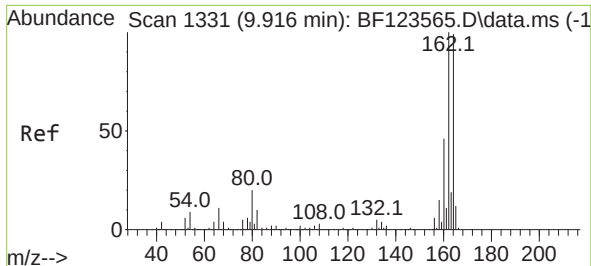
Tgt Ion: 82 Resp: 1464921
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.57 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:122 Resp: 204
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

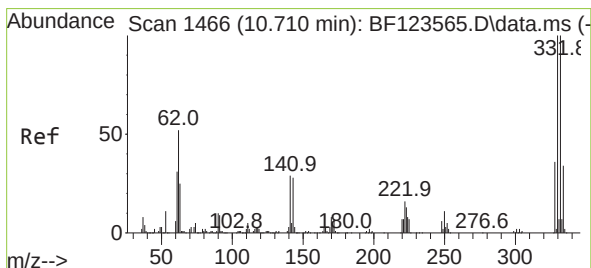
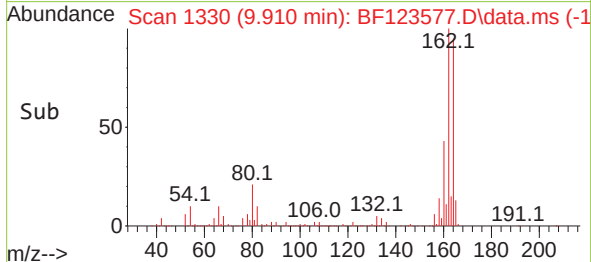
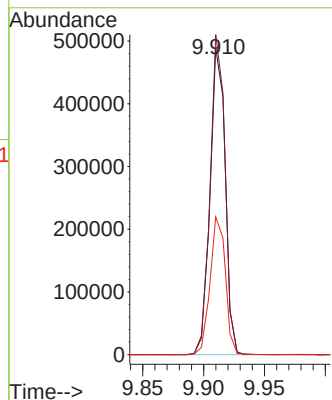
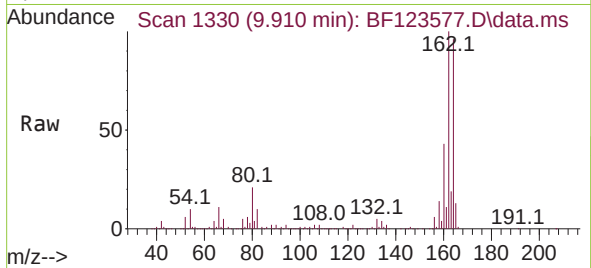




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

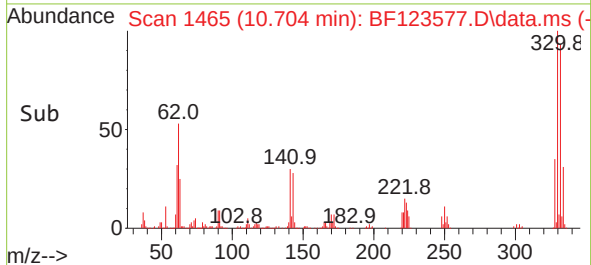
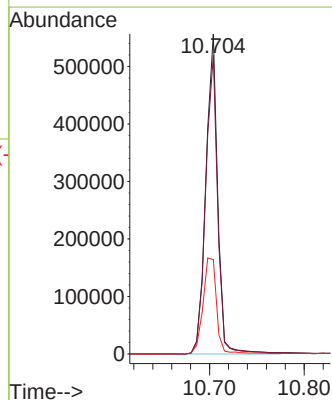
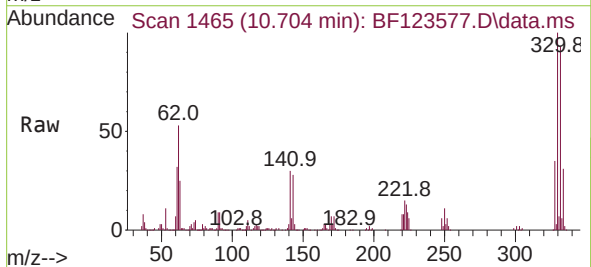
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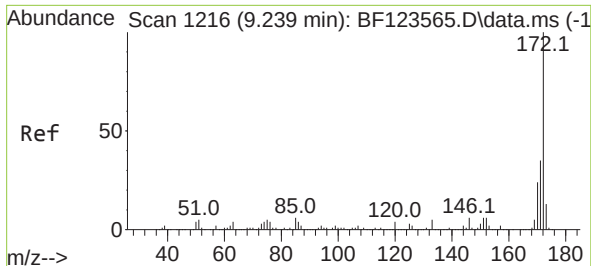
Tgt Ion:164 Resp: 423052
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 44.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 100.97 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:330 Resp: 483718
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 34.7 27.9 41.9

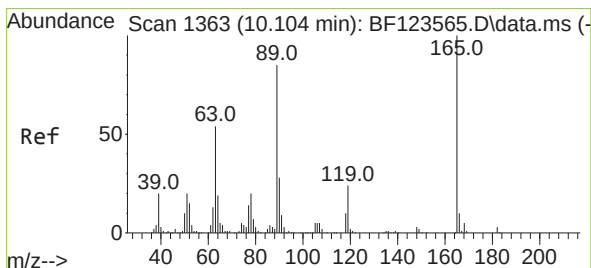
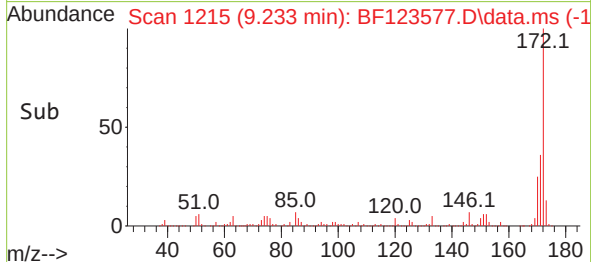
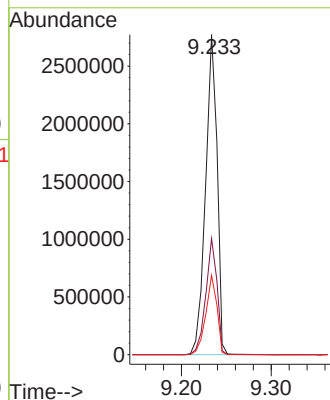
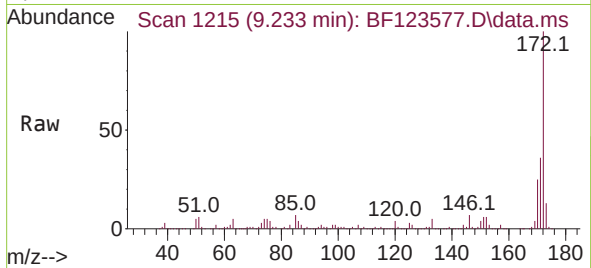




#45
2-Fluorobiphenyl
Concen: 87.36 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

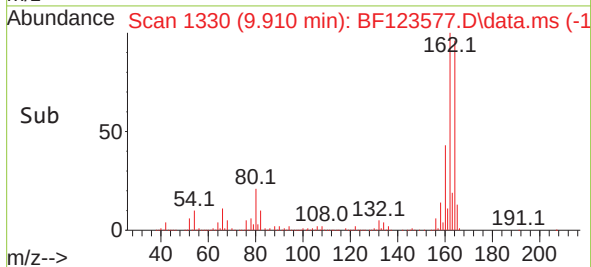
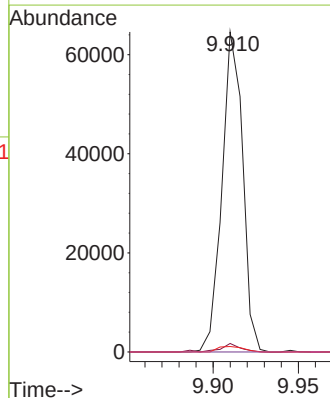
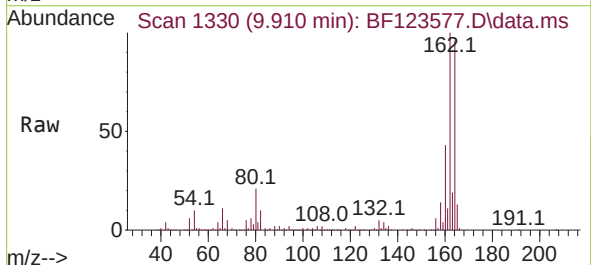
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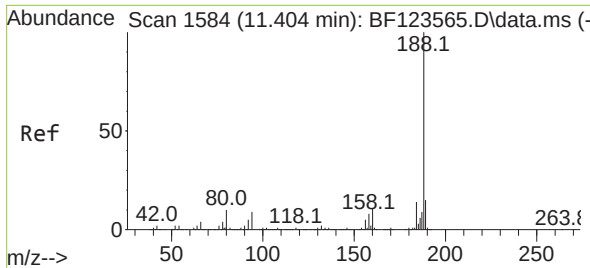
Tgt Ion:172 Resp: 2479142
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.8 19.2 28.8



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:165 Resp: 54641
Ion Ratio Lower Upper
165 100
63 2.7 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

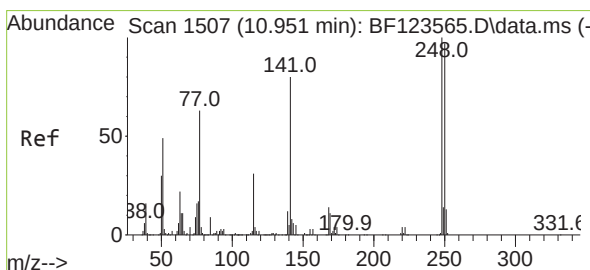
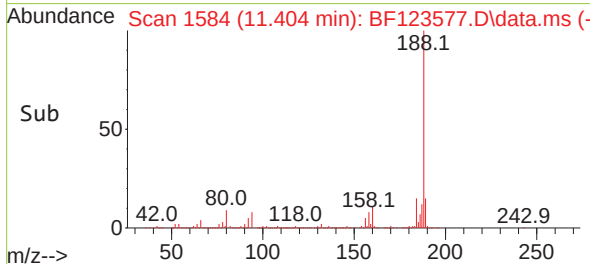
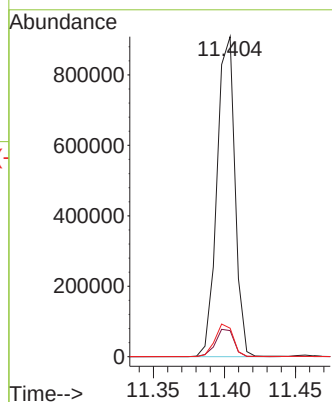
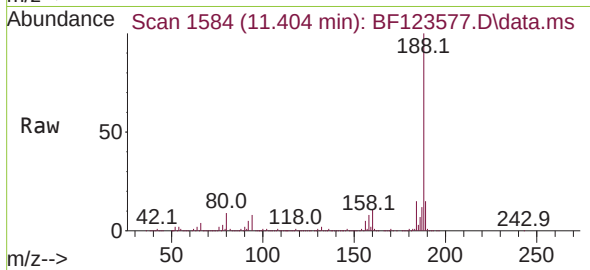




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

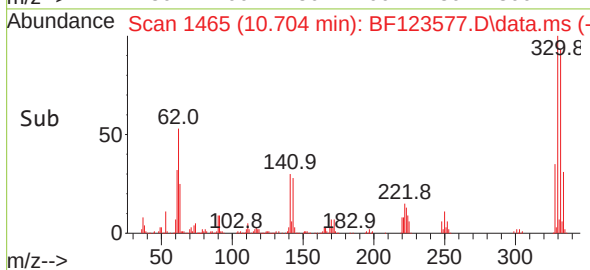
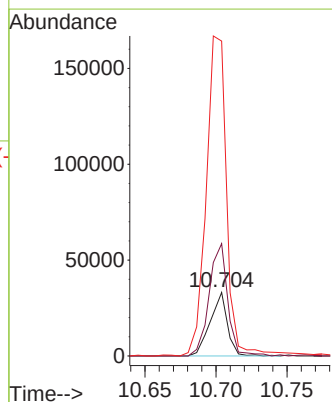
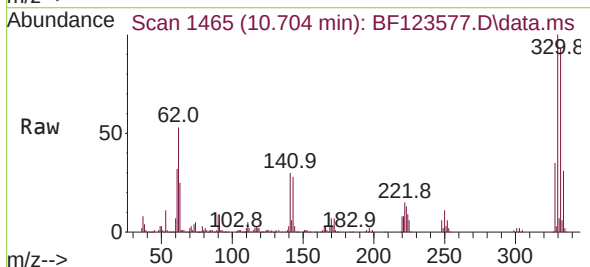
Instrument :
BNA_F
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37TH-ST-2021

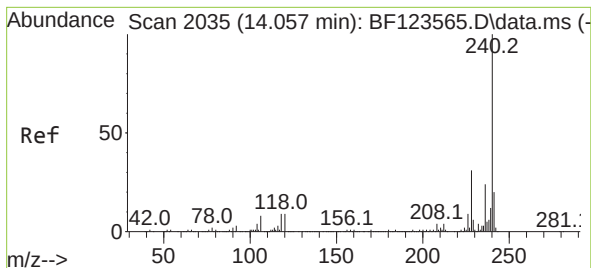
Tgt Ion:188 Resp: 800014
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:248 Resp: 28076
Ion Ratio Lower Upper
248 100
250 176.5 77.4 116.2#
141 495.0 63.7 95.5#

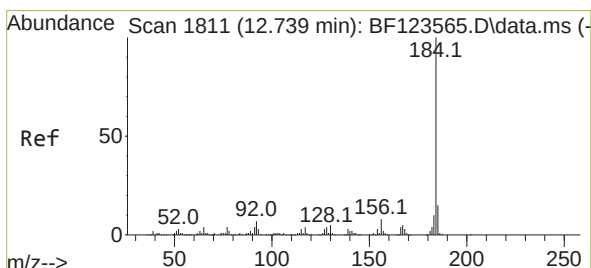
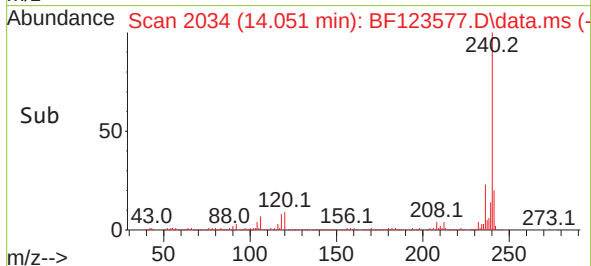
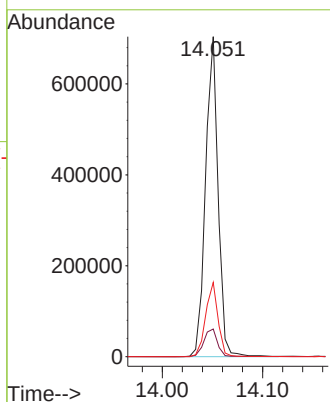
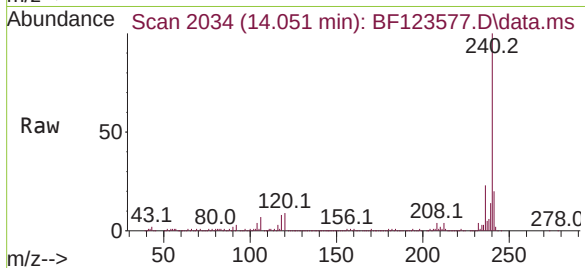




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

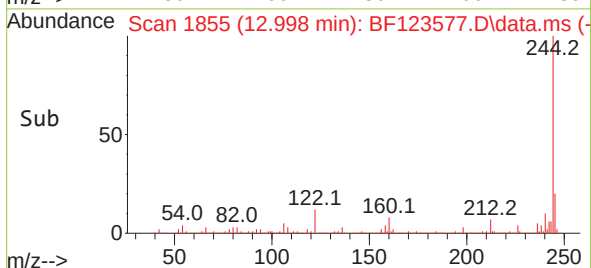
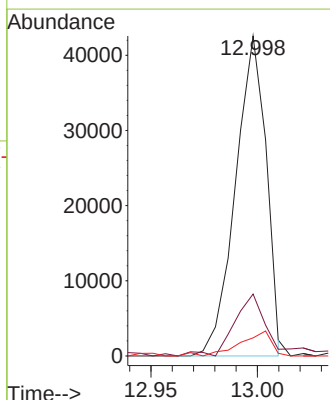
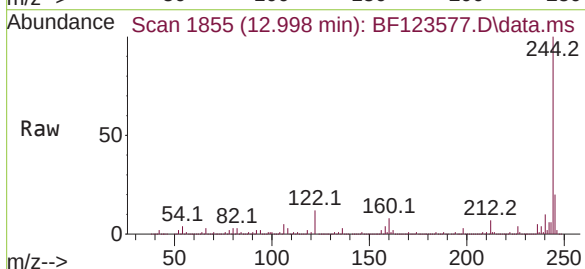
Instrument :
BNA_F
ClientSampleId :
37TH-ST-2021

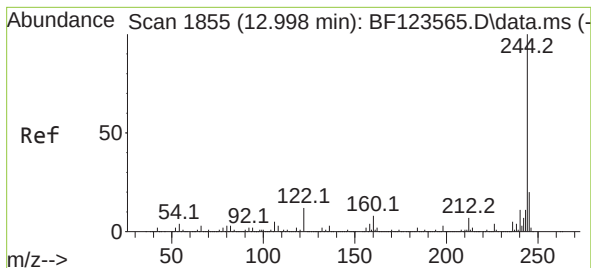
Tgt Ion:240 Resp: 611507
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 23.2 19.0 28.4



#77
Benzidine
Concen: 2.57 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.259 min
Lab File: BF123577.D
Acq: 15 Apr 2021 20:23

Tgt Ion:184 Resp: 42758
Ion Ratio Lower Upper
184 100
185 19.4 12.1 18.1#
183 5.6 7.8 11.8#





#79

Terphenyl-d14

Concen: 100.34 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF123577.D

Acq: 15 Apr 2021 20:23

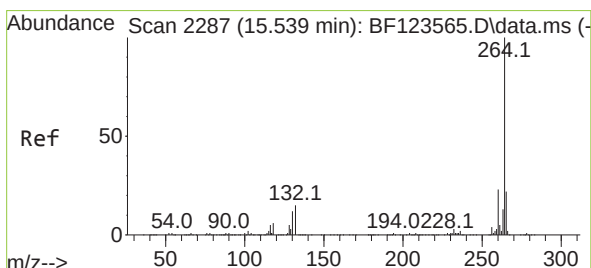
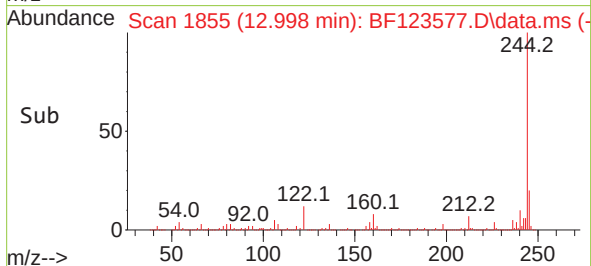
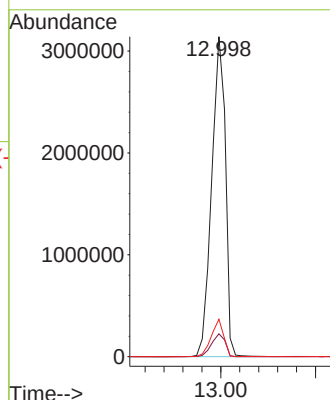
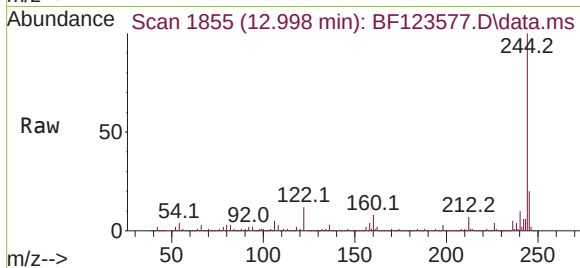
Tgt Ion:244 Resp: 3157087

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.000 min

Lab File: BF123577.D

Acq: 15 Apr 2021 20:23

Tgt Ion:264 Resp: 455987

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.9 17.8 26.8

