

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123708.D
 Acq On : 23 Apr 2021 23:03
 Operator : JU/CG
 Sample : M2151-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-10

Quant Time: Apr 26 01:48:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

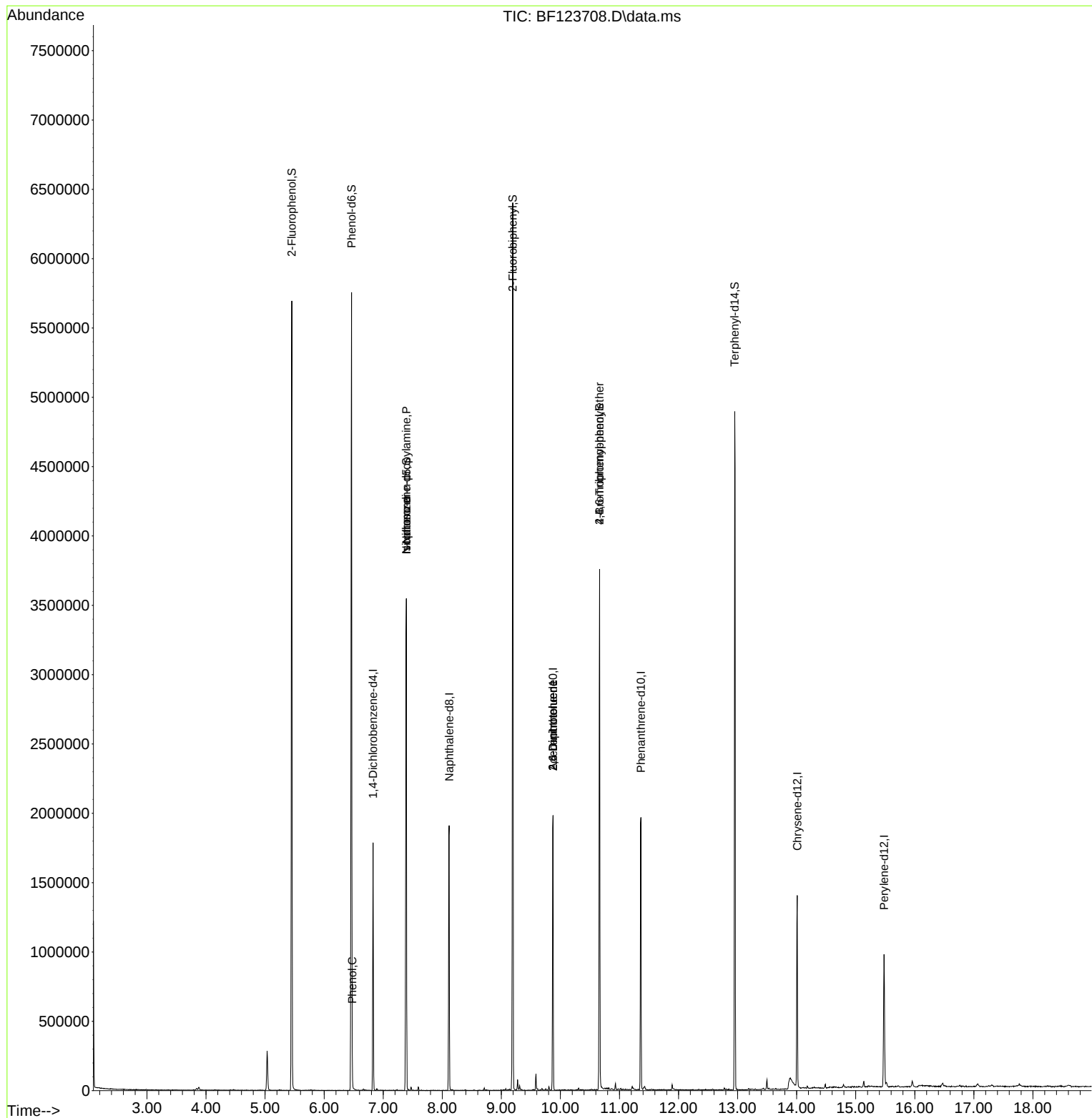
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	218929	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	805573	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	388276	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	718304	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	469226	20.00	ng	-0.01
86) Perylene-d12	15.480	264	421833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1245443	91.95	ng	0.00
7) Phenol-d6	6.463	99	1637853	87.26	ng	-0.01
23) Nitrobenzene-d5	7.393	82	1156006	65.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	409609	93.16	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1717333	65.93	ng	-0.01
79) Terphenyl-d14	12.951	244	1612164	66.78	ng	-0.01
Target Compounds						
					Qvalue	
10) Phenol	6.475	94	47895	2.40	ng	89
19) n-Nitroso-di-n-propyla...	7.393	70	154356	12.41	ng	# 71
25) Isophorone	7.393	82	1153655	33.93	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	50503	8.58	ng	# 12
57) 2,4-Dinitrotoluene	9.875	165	50503	6.42	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	22627	3.01	ng	# 1
89) Benzo(k)fluoranthene	15.057	252	2451	Below Cal	#	60
92) Benzo(g,h,i)perylene	17.415	276	106	Below Cal	#	56

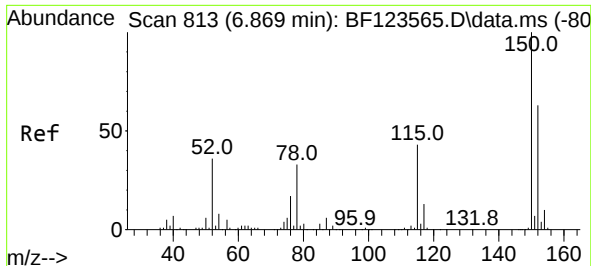
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

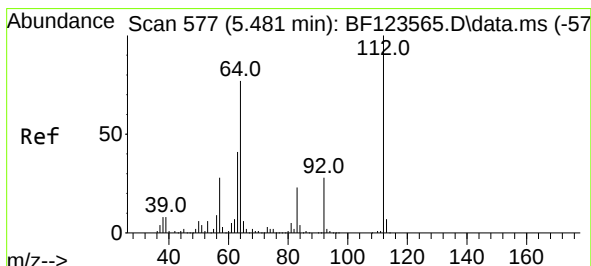
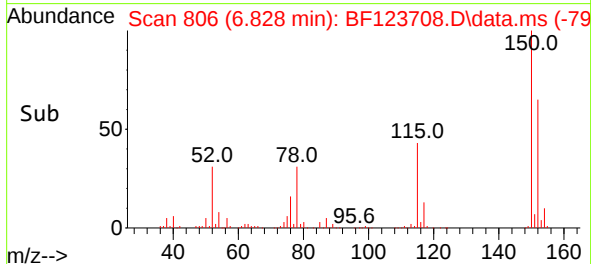
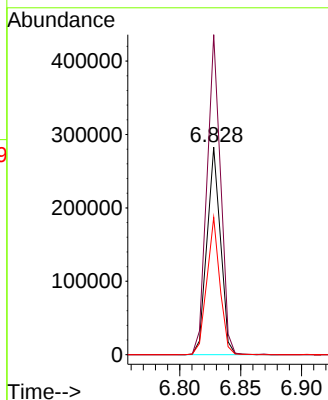
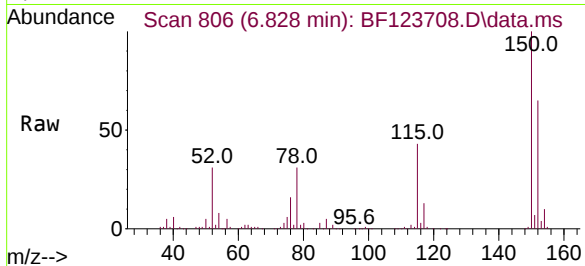




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

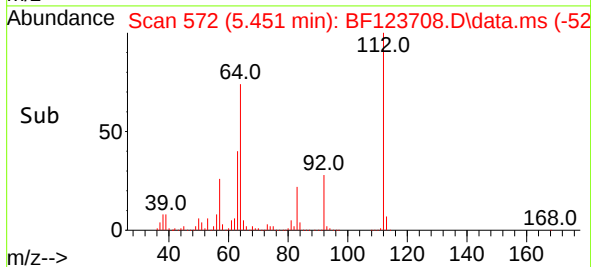
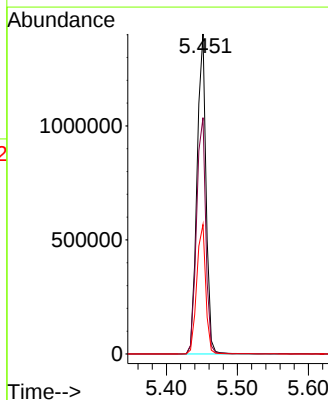
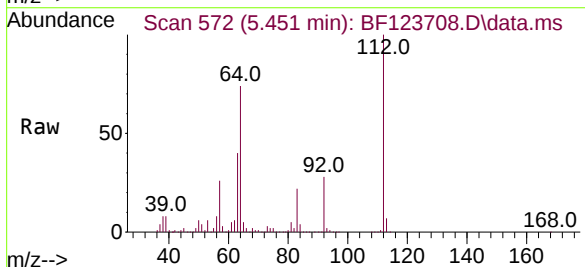
Instrument :
BNA_F
ClientSampled :
PE-10

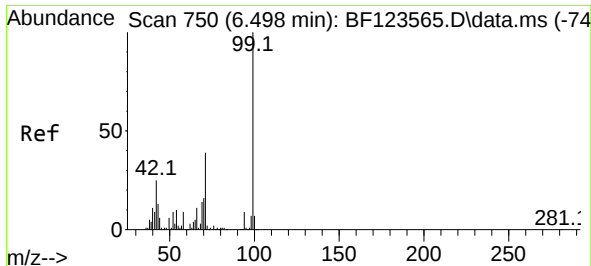
Tgt Ion:152 Resp: 218929
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 66.2 54.3 81.5



#5
2-Fluorophenol
Concen: 91.95 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Tgt Ion:112 Resp: 1245443
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 40.5 33.0 49.4

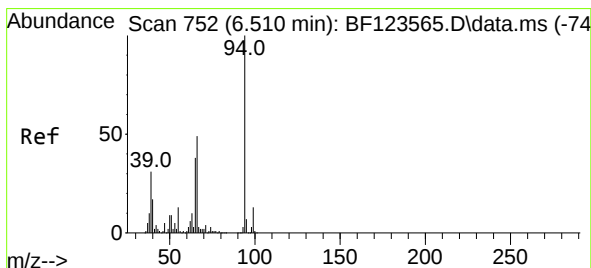
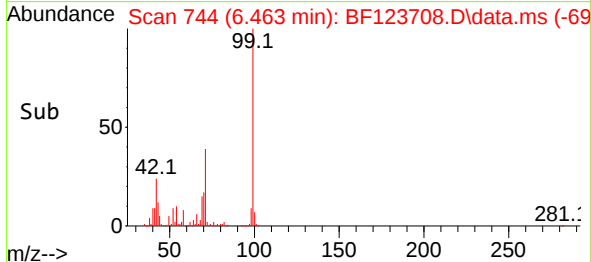
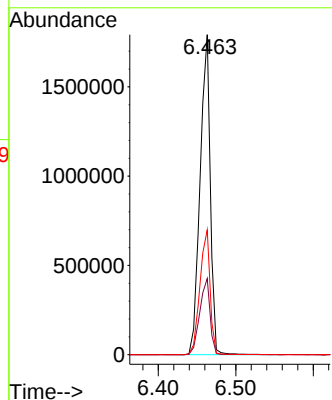
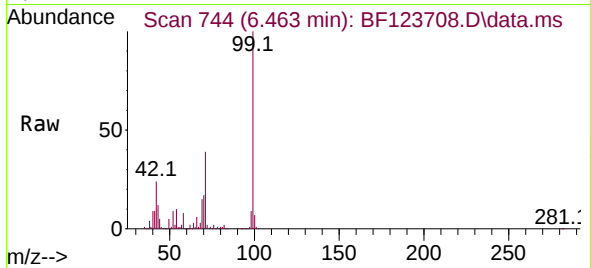




#7
Phenol-d6
Concen: 87.26 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

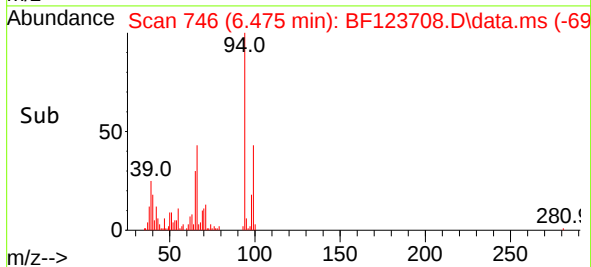
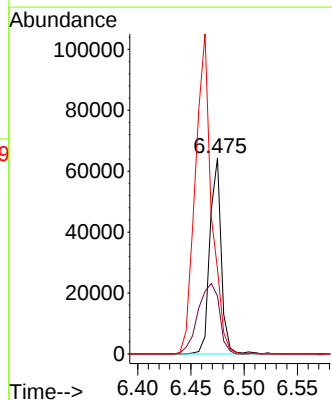
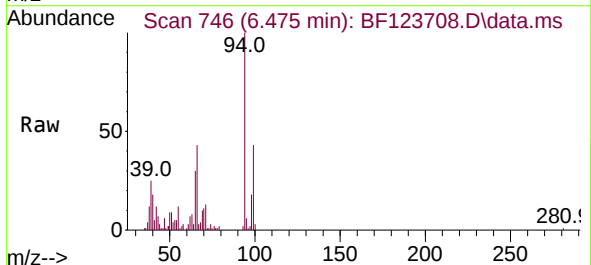
Instrument :
BNA_F
ClientSampled :
PE-10

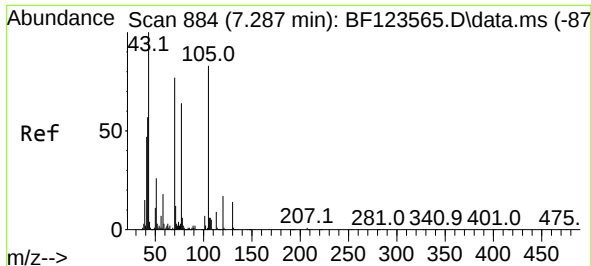
Tgt Ion: 99 Resp: 1637853
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.8
71 39.0 31.1 46.7



#10
Phenol
Concen: 2.40 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.017 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

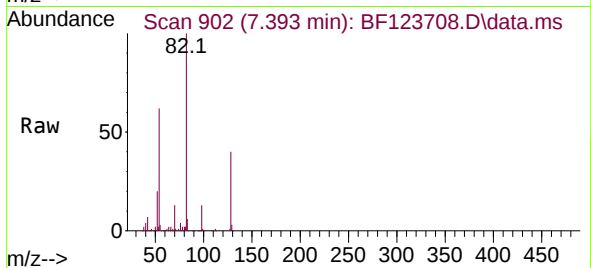
Tgt Ion: 94 Resp: 47895
Ion Ratio Lower Upper
94 100
65 29.5 18.1 58.1
66 43.4 29.0 69.0



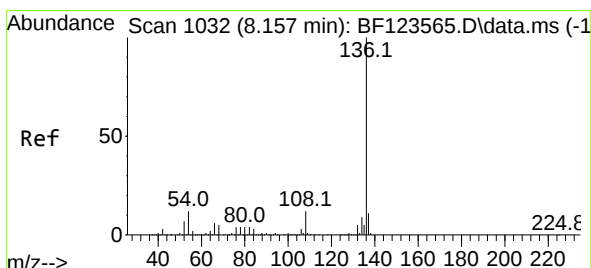
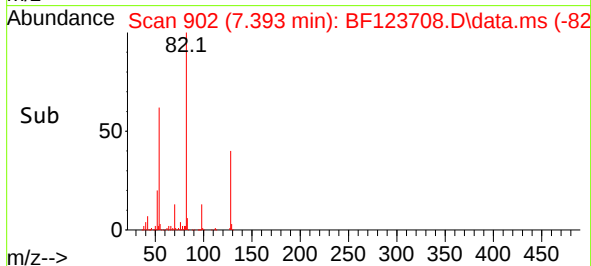
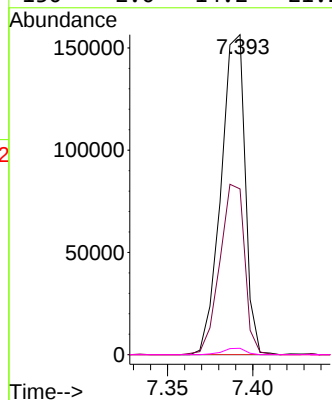


#19
n-Nitroso-di-n-propylamine
Concen: 12.41 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Instrument :
BNA_F
ClientSampled :
PE-10

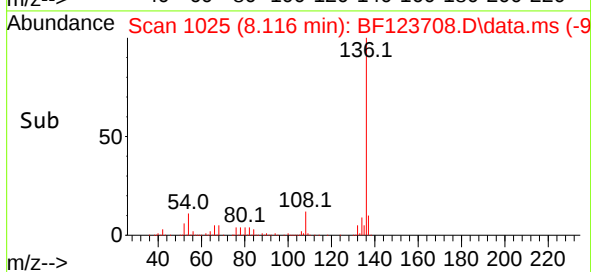
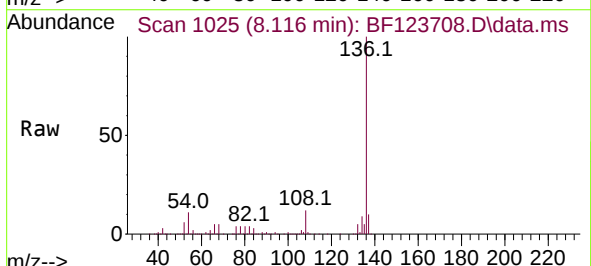
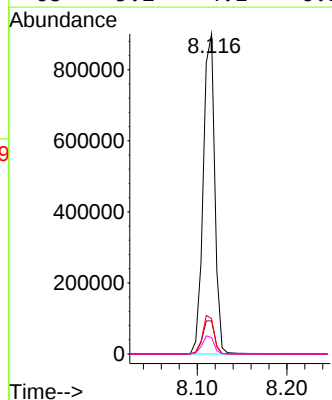


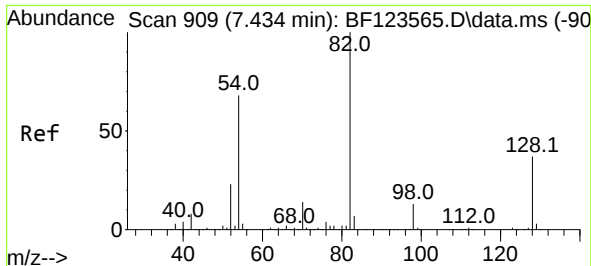
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.8	60.1	90.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	11.1	9.8	14.6
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 65.97 ng

RT: 7.393 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123708.D

Acq: 23 Apr 2021 23:03

Tgt Ion: 82 Resp: 1156006

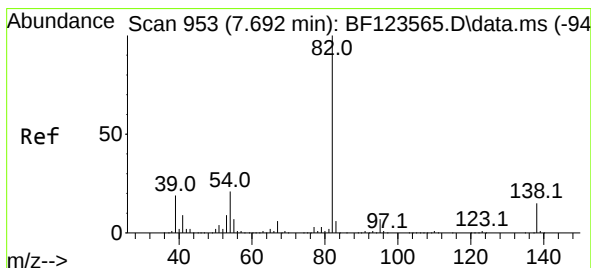
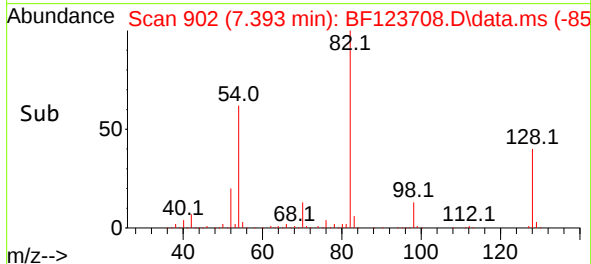
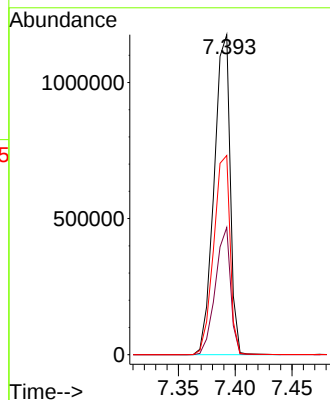
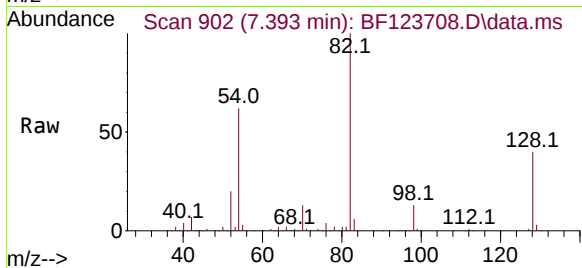
Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.4	44.2
54	62.2	54.1	81.1

Instrument :

BNA_F

ClientSampled :

PE-10



#25

Isophorone

Concen: 33.93 ng

RT: 7.393 min Scan# 902

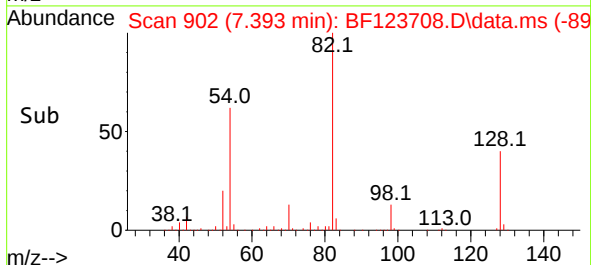
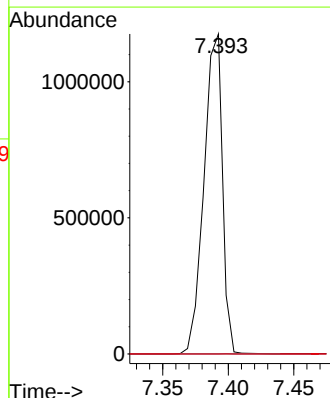
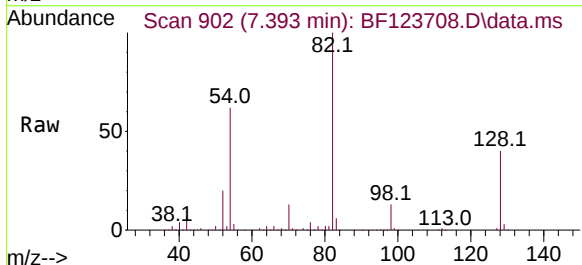
Delta R.T. -0.270 min

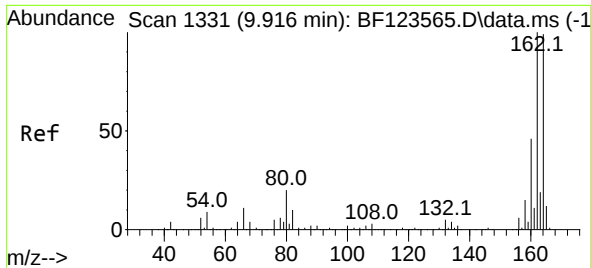
Lab File: BF123708.D

Acq: 23 Apr 2021 23:03

Tgt Ion: 82 Resp: 1153655

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

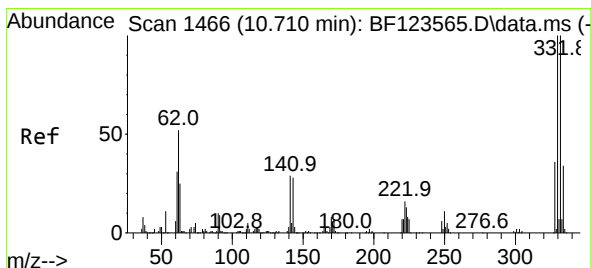
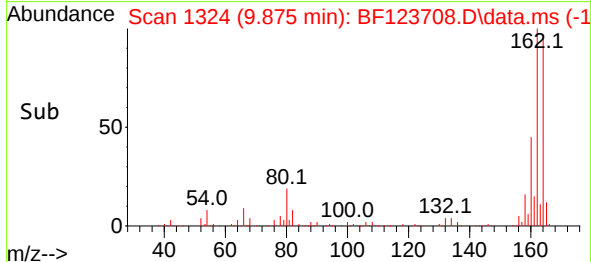
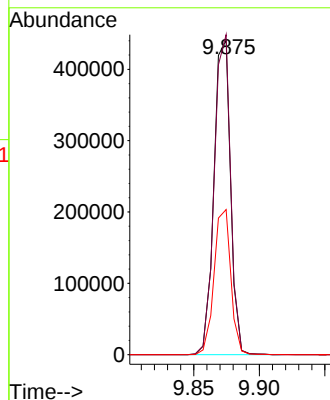
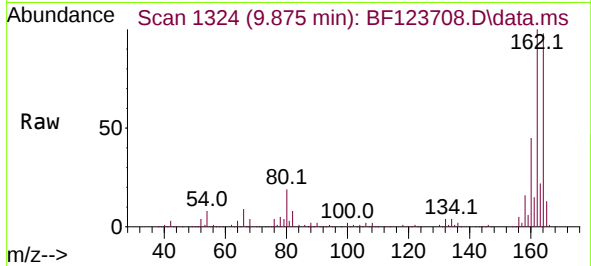




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

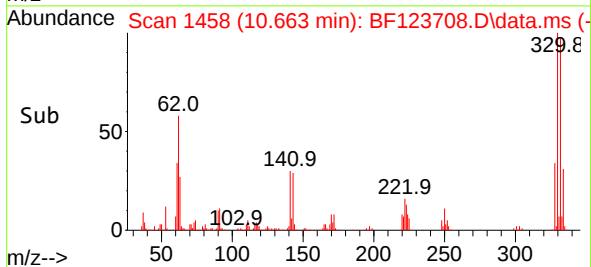
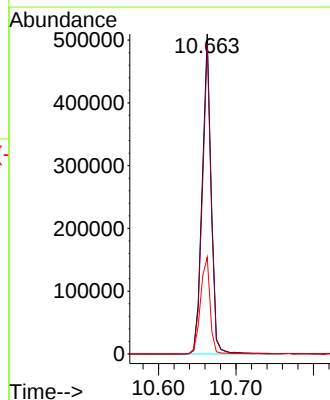
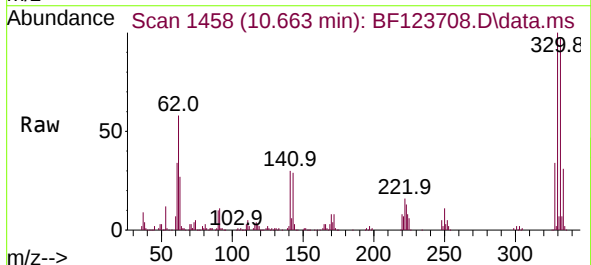
Instrument :
BNA_F
ClientSampled :
PE-10

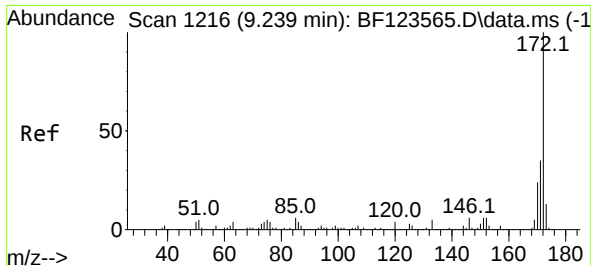
Tgt Ion:164 Resp: 388276
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 46.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 93.16 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Tgt Ion:330 Resp: 409609
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 32.3 27.9 41.9

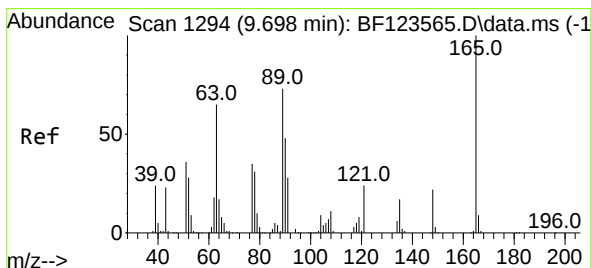
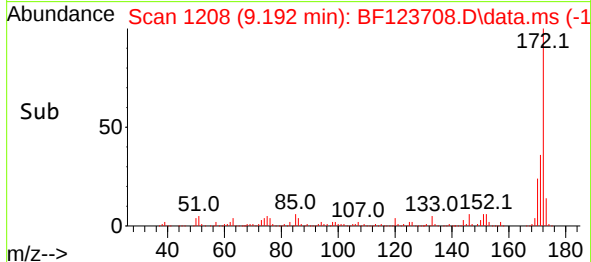
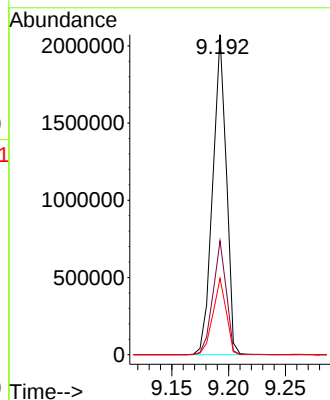
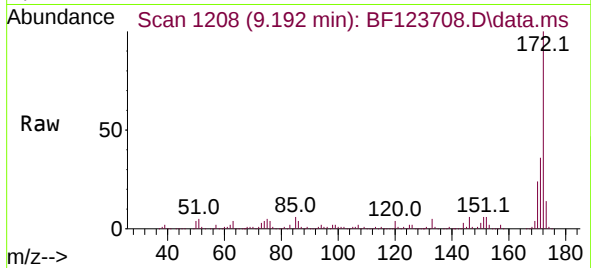




#45
2-Fluorobiphenyl
Concen: 65.93 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

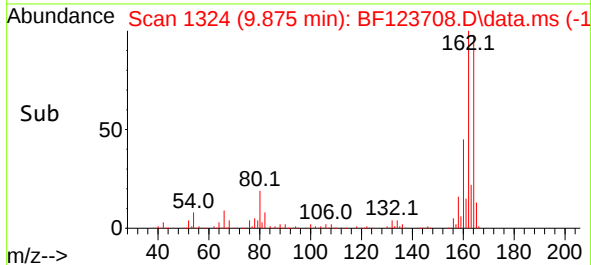
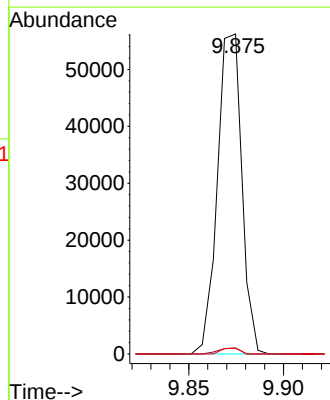
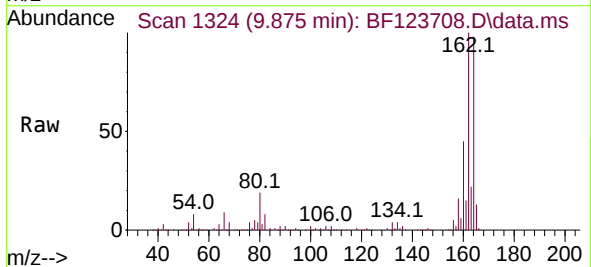
Instrument :
BNA_F
ClientSampled :
PE-10

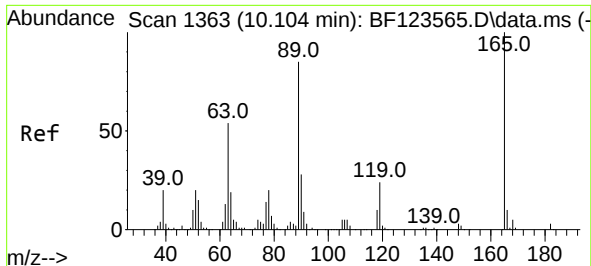
Tgt Ion:172 Resp: 1717333
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Tgt Ion:165 Resp: 50503
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.9 58.8 88.2#

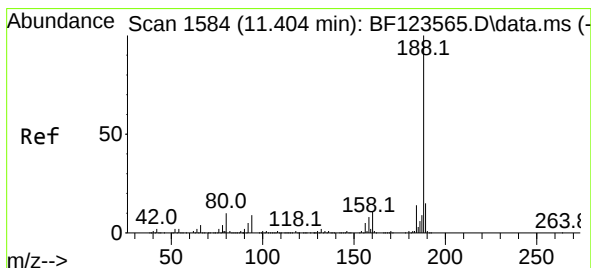
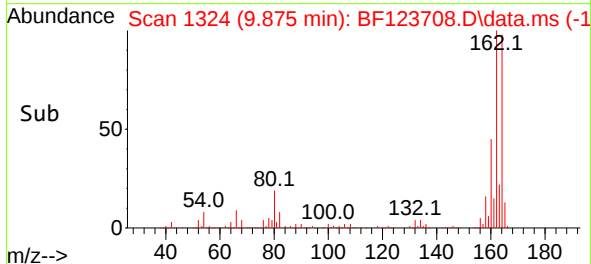
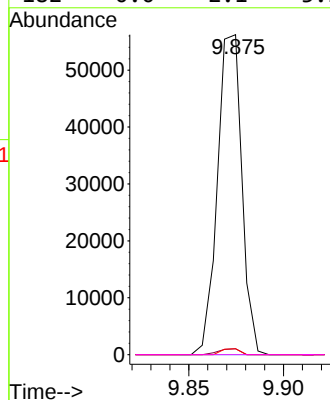
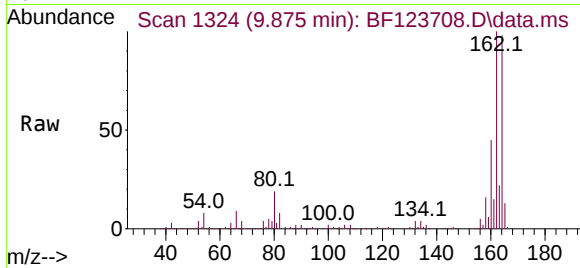




#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

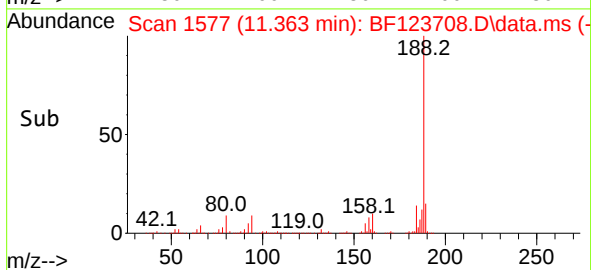
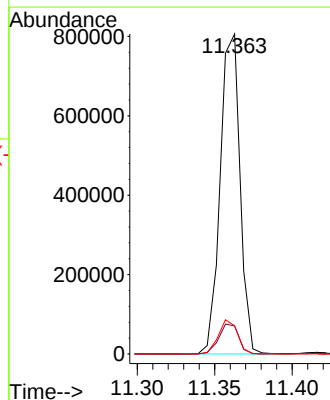
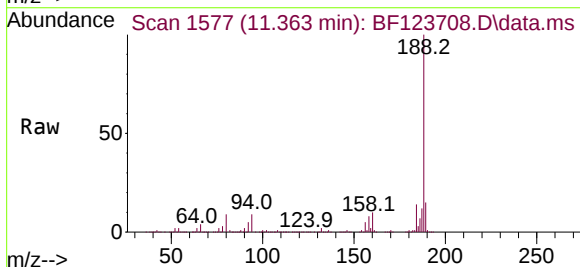
Instrument :
BNA_F
ClientSampled :
PE-10

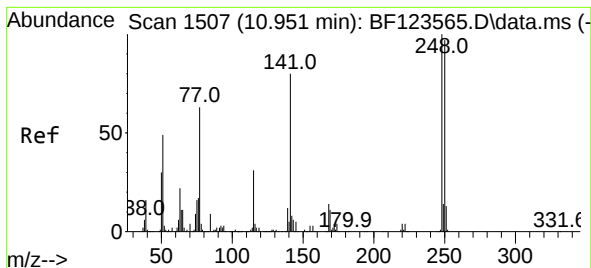
Tgt Ion:	165	Resp:	50503
Ion Ratio	Lower	Upper	
165	100		
63	1.8	43.5	65.3#
89	1.9	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

Tgt Ion:	188	Resp:	718304
Ion Ratio	Lower	Upper	
188	100		
94	8.7	6.9	10.3
80	8.8	8.2	12.2

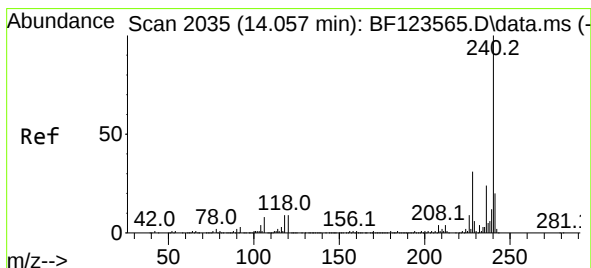
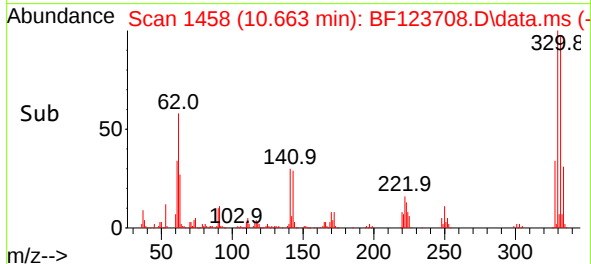
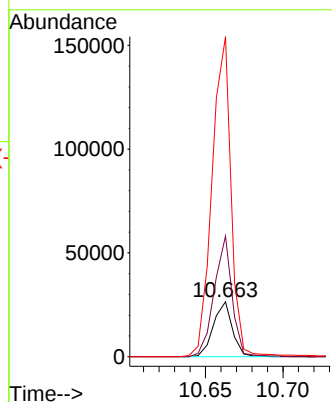
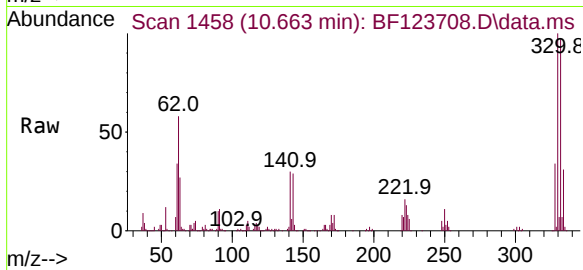




#67
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

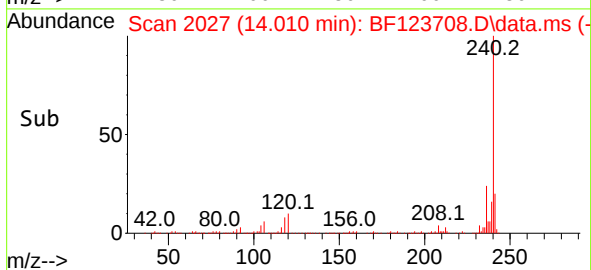
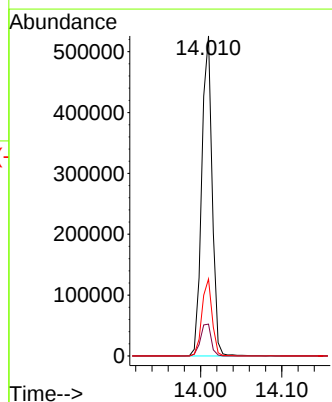
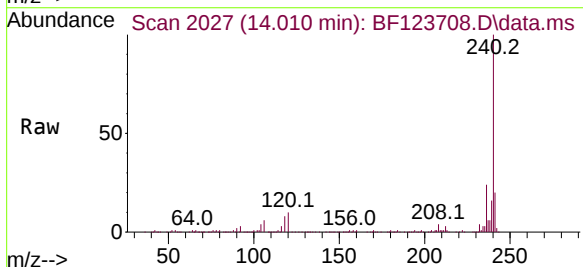
Instrument :
BNA_F
ClientSampled :
PE-10

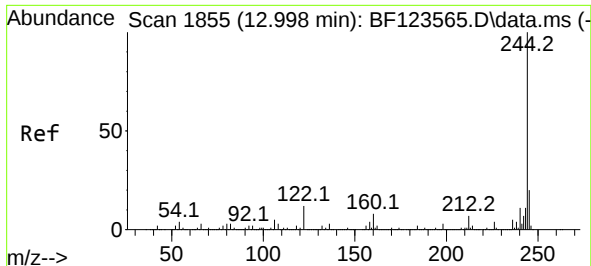
Tgt Ion:248 Resp: 22627
Ion Ratio Lower Upper
248 100
250 219.7 77.4 116.2#
141 582.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123708.D
Acq: 23 Apr 2021 23:03

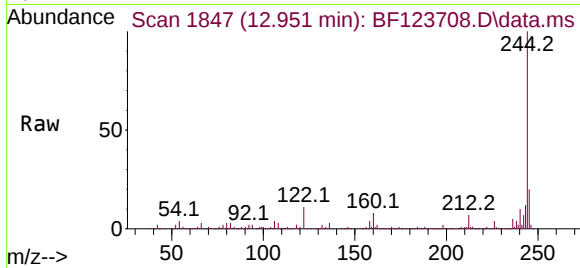
Tgt Ion:240 Resp: 469226
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 24.0 19.0 28.4



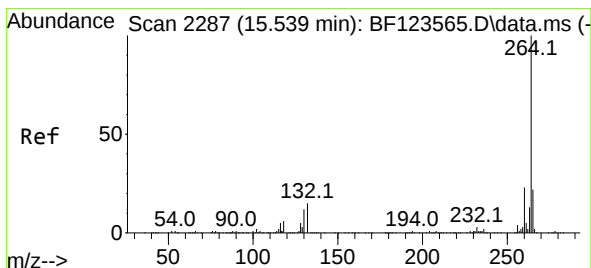
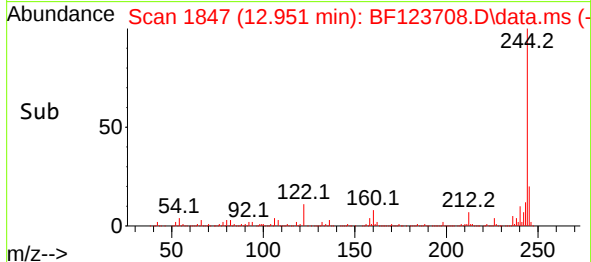
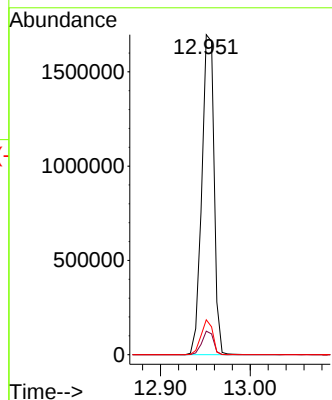


#79
 Terphenyl-d14
 Concen: 66.78 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF123708.D
 Acq: 23 Apr 2021 23:03

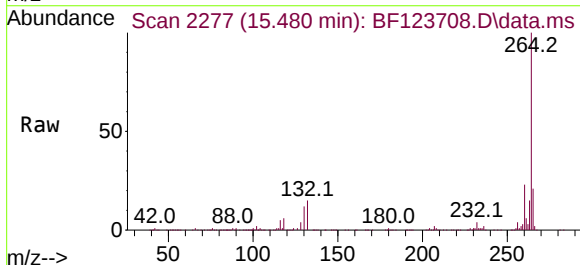
Instrument :
 BNA_F
 ClientSampled :
 PE-10



Tgt Ion:244 Resp: 1612164
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.9 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.012 min
 Lab File: BF123708.D
 Acq: 23 Apr 2021 23:03



Tgt Ion:264 Resp: 421833
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.3 17.8 26.8

