

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123590.D
 Acq On : 16 Apr 2021 13:48
 Operator : JU/CG
 Sample : M2048-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Apr 16 15:43:51 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 16 10:31:33 2021
 Response via : Initial Calibration

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

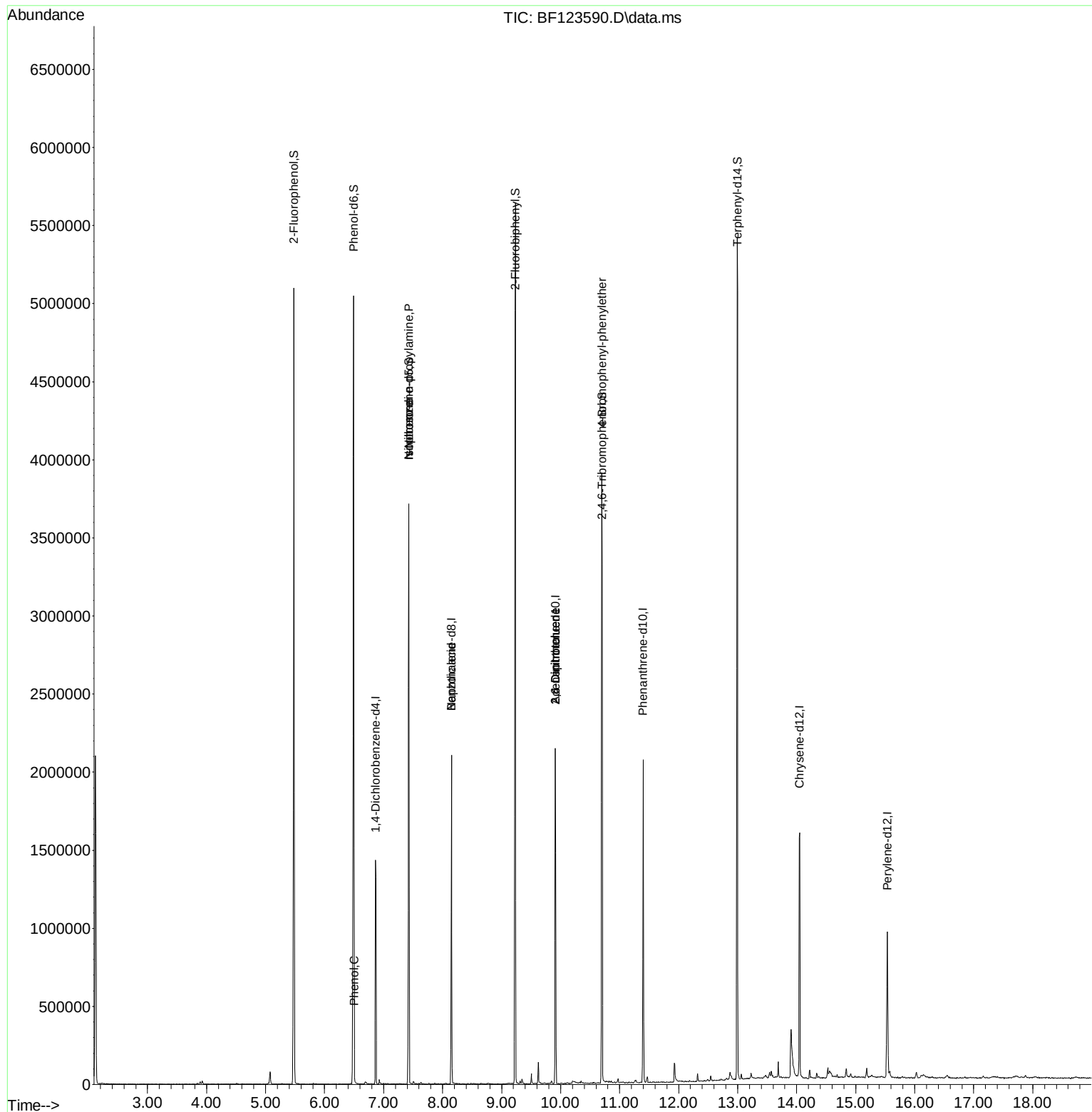
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	195226	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	724454	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	370471	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	745656	20.00	ng	0.00
76) Chrysene-d12	14.051	240	573786	20.00	ng	0.00
86) Perylene-d12	15.539	264	443404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1103720	91.38	ng	0.00
7) Phenol-d6	6.492	99	1463300	87.42	ng	0.00
23) Nitrobenzene-d5	7.428	82	1030490	65.39	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	444670	106.00	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1607299	64.67	ng	0.00
79) Terphenyl-d14	12.998	244	1793937	60.76	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.504	94	36319	2.04	ng	89
19) n-Nitroso-di-n-propyla...	7.428	70	141861	12.79	ng	# 73
25) Isophorone	7.428	82	1030480	33.71	ng	# 69
32) Benzoic acid	8.151	122	113	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	46288	8.24	ng	# 11
57) 2,4-Dinitrotoluene	9.910	165	46288	6.17	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	24809	3.18	ng	# 1
89) Benzo(k)fluoranthene	15.121	252	515	Below Cal		# 60
92) Benzo(g,h,i)perylene	17.474	276	136	Below Cal		# 56

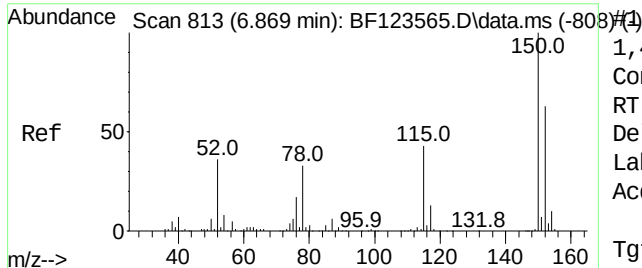
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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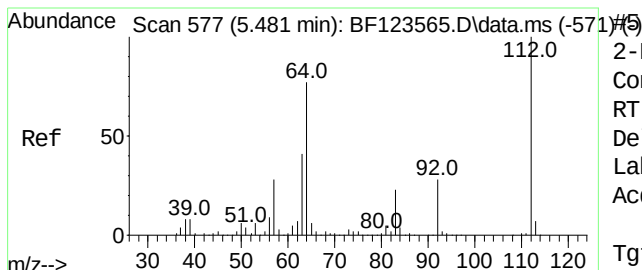
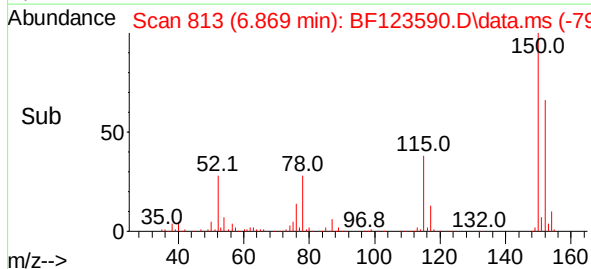
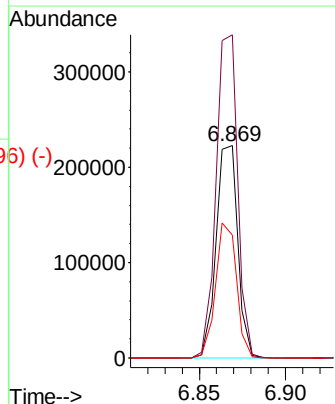
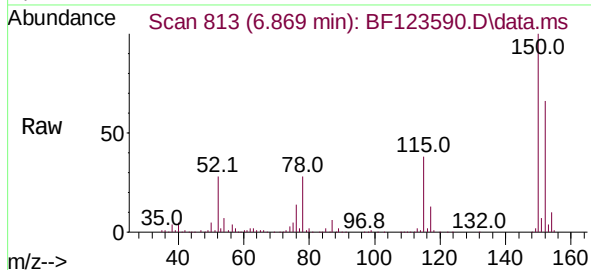




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

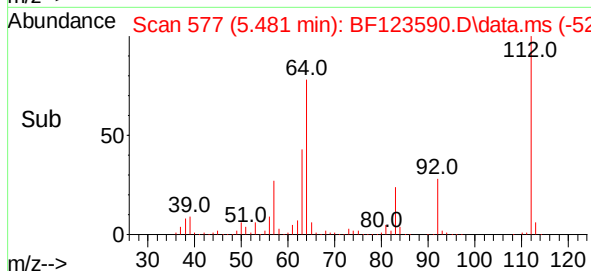
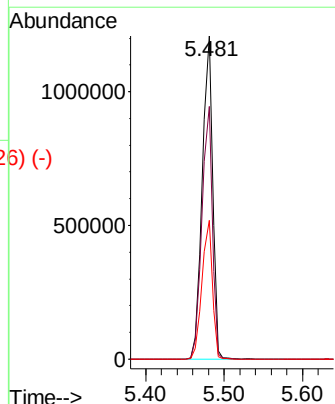
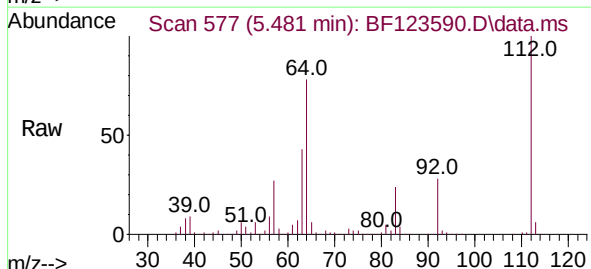
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-14.5-15.0

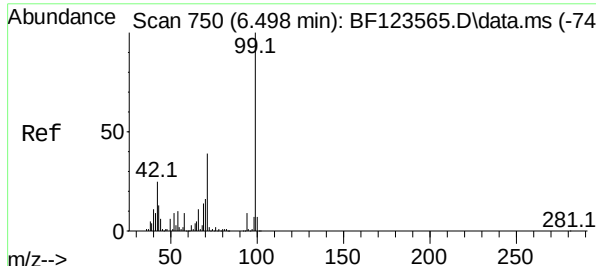
Tgt Ion:	152	Resp:	195226
Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.0	190.6
115	58.0	54.3	81.5



2-Fluorophenol
 Concen: 91.38 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

Tgt Ion:	112	Resp:	1103720
Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.4	92.0
63	42.9	33.0	49.4



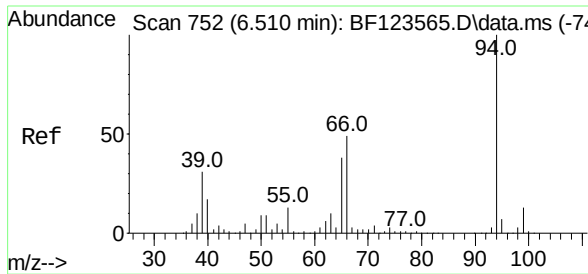
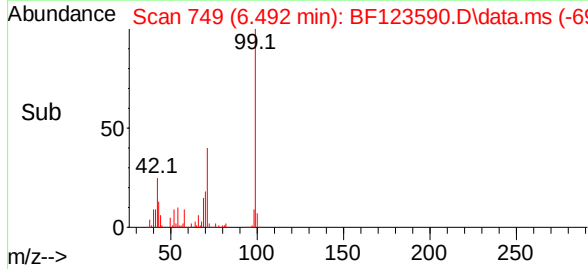
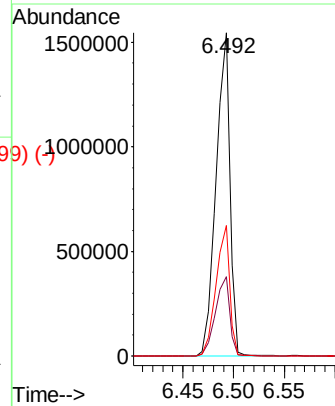
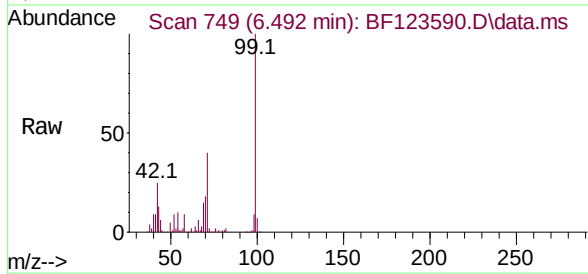


Phenol-d6
 Concen: 87.42 ng
 RT: 6.492 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-14.5-15.0

Tgt Ion: 99 Resp: 1463300

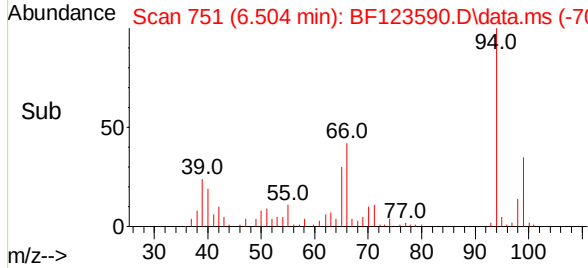
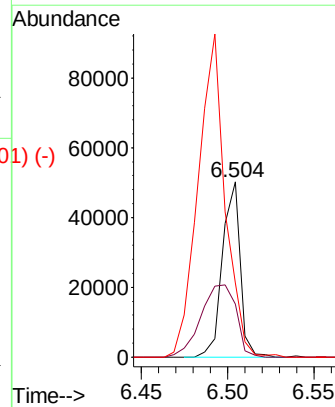
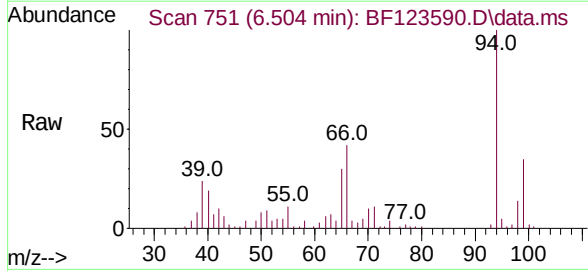
Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.8
71	40.3	31.1	46.7

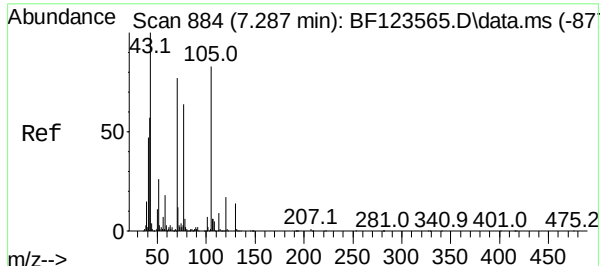


Phenol
 Concen: 2.04 ng
 RT: 6.504 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

Tgt Ion: 94 Resp: 36319

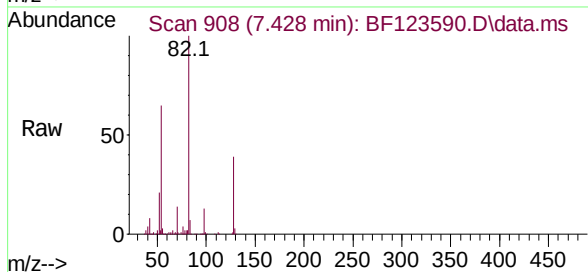
Ion	Ratio	Lower	Upper
94	100		
65	30.3	18.1	58.1
66	42.2	29.0	69.0



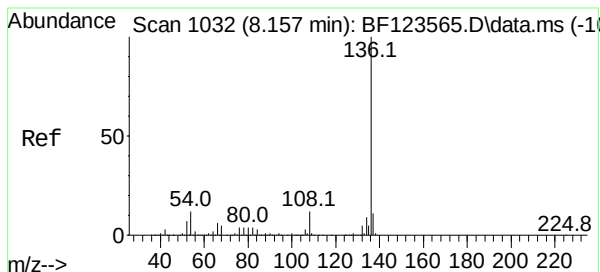
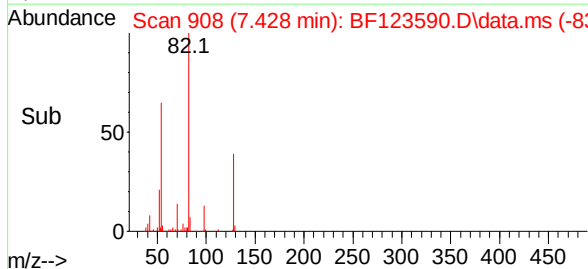
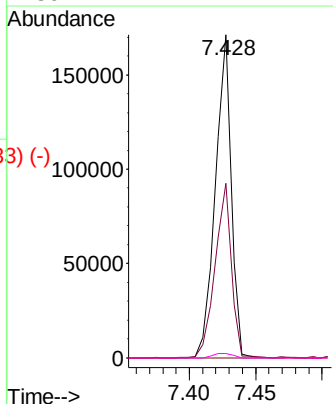


#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

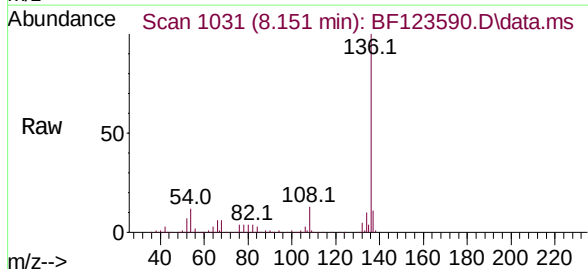
Instrument :
BNA_F
ClientSampleId :
SB-01-14.5-15.0



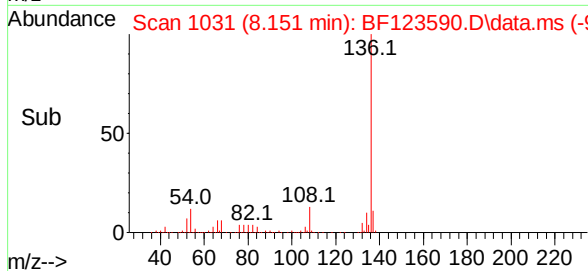
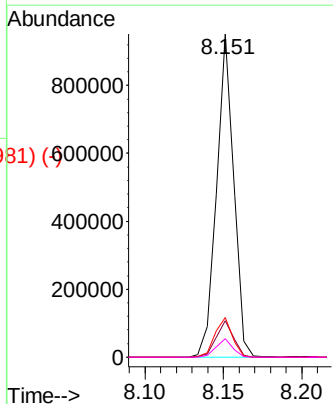
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	60.1	90.1#
101	0.0	7.4	11.2#
130	1.4	14.2	21.2#



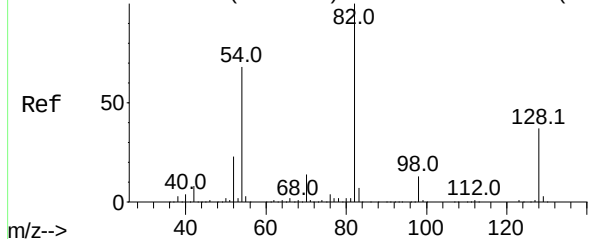
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.2	9.8	14.6
68	5.7	4.1	6.1



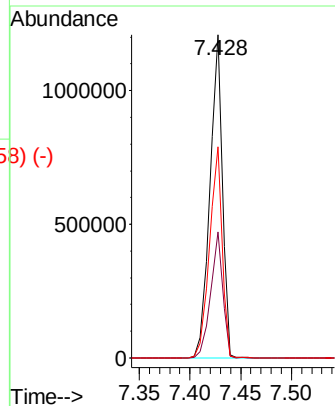
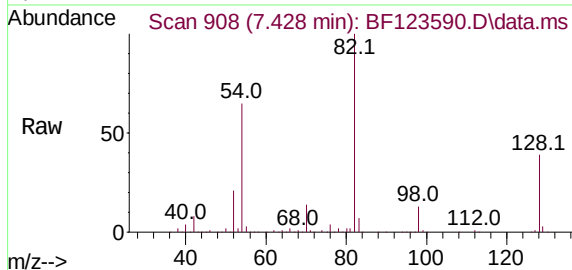
Abundance Scan 909 (7.434 min): BF123565.D\data.ms (-904) #23



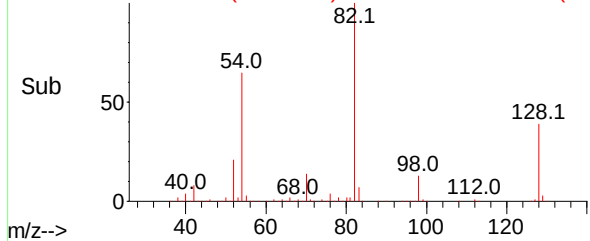
Nitrobenzene-d5
Concen: 65.39 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Instrument :
BNA_F
ClientSampleId :
SB-01-14.5-15.0

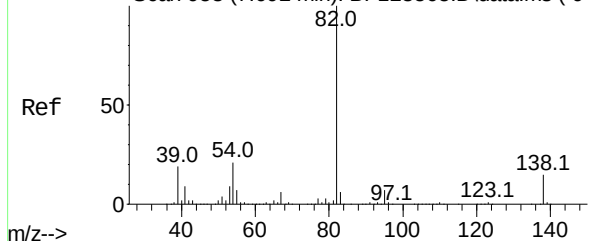
Tgt Ion:	82	Resp:	1030490
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.4	44.2
54	65.3	54.1	81.1



Abundance Scan 908 (7.428 min): BF123590.D\data.ms (-853) (-)

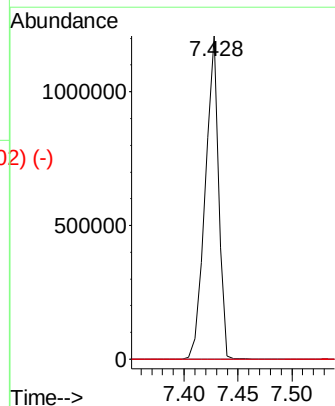
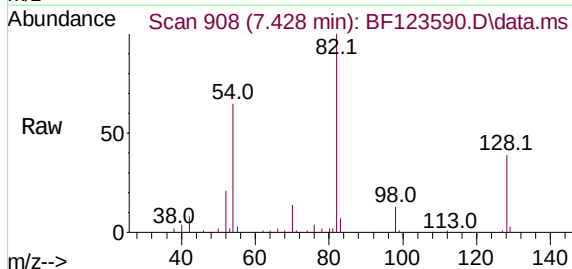


Abundance Scan 953 (7.692 min): BF123565.D\data.ms (-947) #25

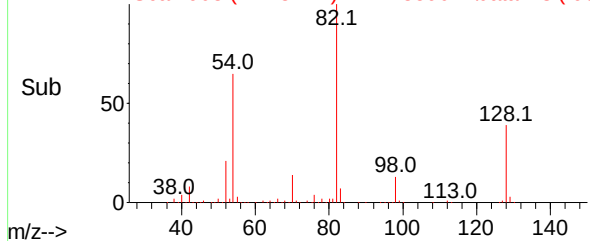


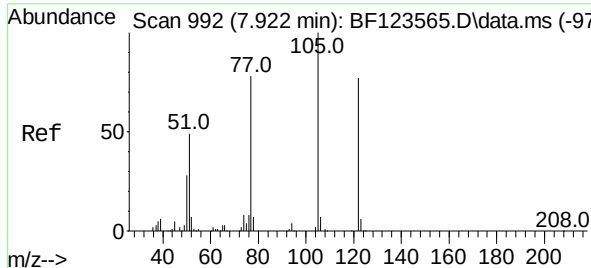
Isophorone
Concen: 33.71 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Tgt Ion:	82	Resp:	1030480
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#



Abundance Scan 908 (7.428 min): BF123590.D\data.ms (-902) (-)

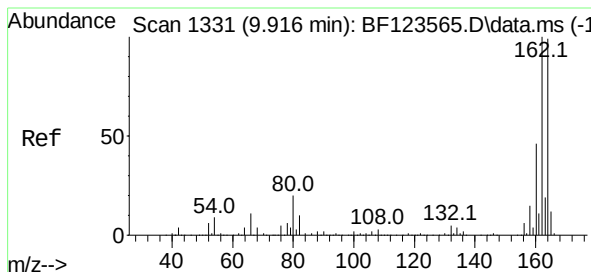
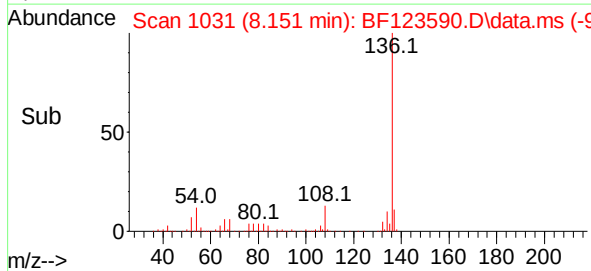
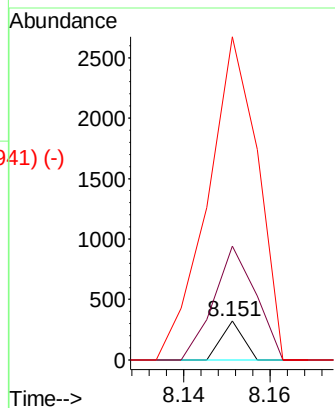
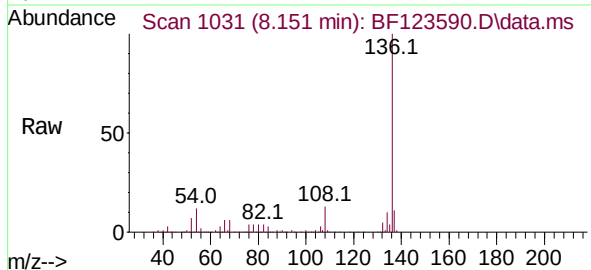




Benzoic acid
 Concen: 4.56 ng
 RT: 8.151 min Scan# 1031
 Delta R.T. 0.229 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

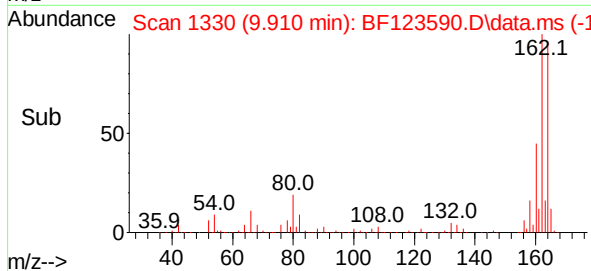
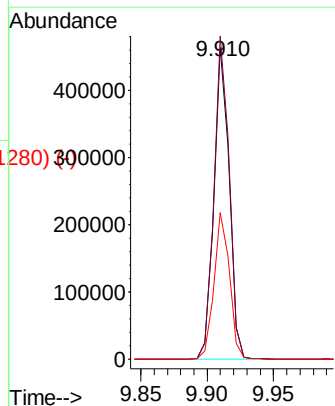
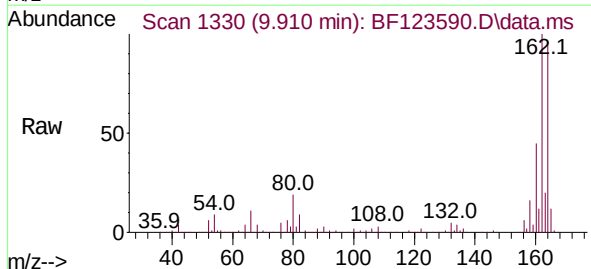
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-14.5-15.0

Tgt Ion:122 Resp: 113
 Ion Ratio Lower Upper
 122 100
 105 293.8 107.8 147.8#
 77 832.7 81.6 121.6#



Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.910 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

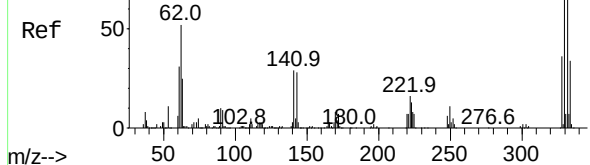
Tgt Ion:164 Resp: 370471
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.7 121.1
 160 47.0 37.3 55.9



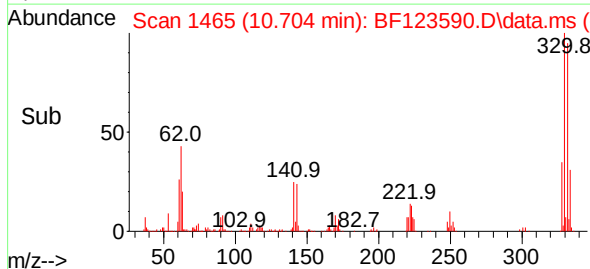
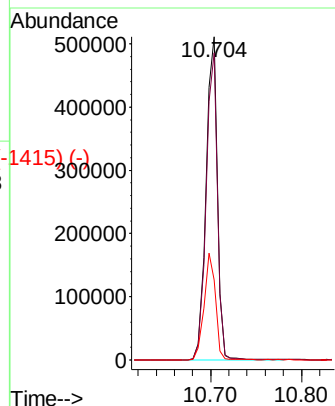
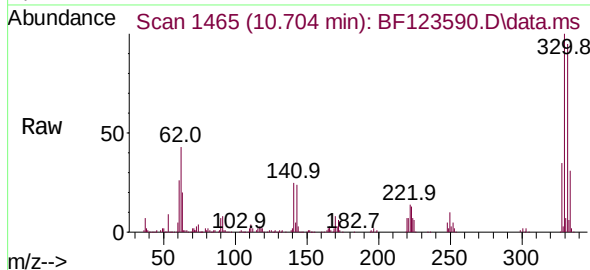
Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1466) (-)

2,4,6-Tribromophenol
Concen: 106.00 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Instrument :
BNA_F
ClientSampleId :
SB-01-14.5-15.0

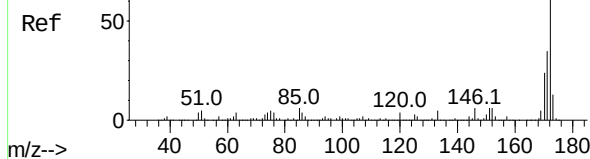


Tgt Ion:	330	Resp:	444670
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	33.2	27.9	41.9

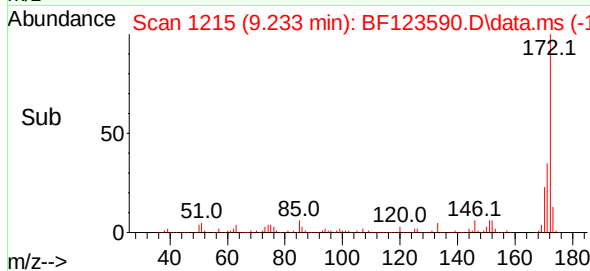
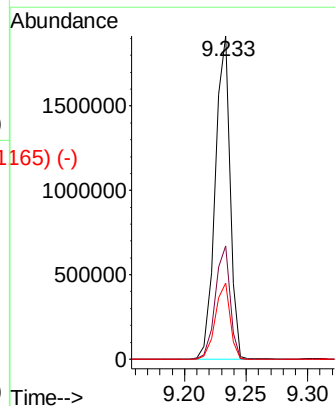
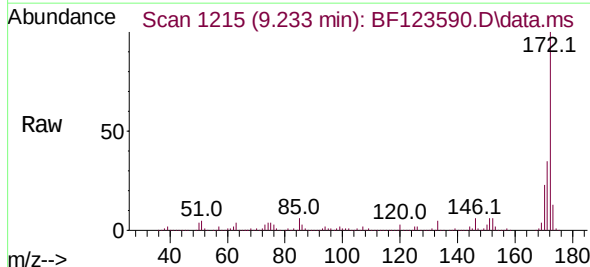


Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-1216) (-)

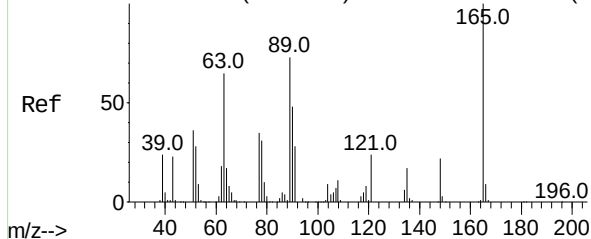
2-Fluorobiphenyl
Concen: 64.67 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48



Tgt Ion:	172	Resp:	1607299
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.5	19.2	28.8



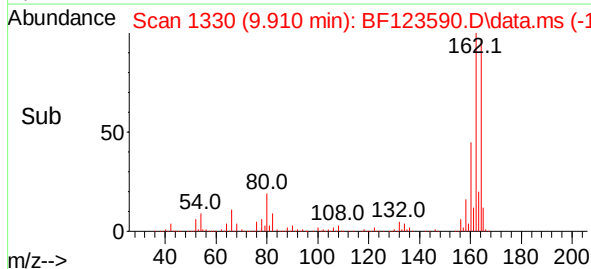
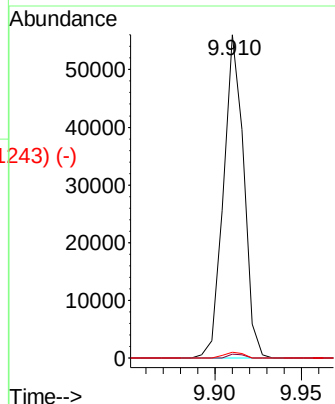
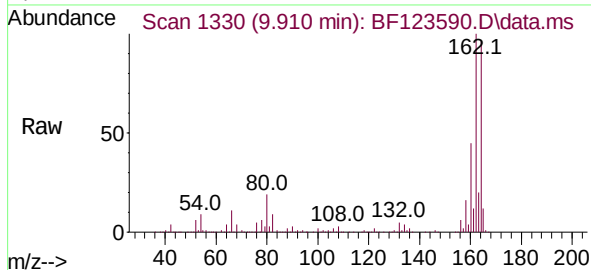
Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-12851-)



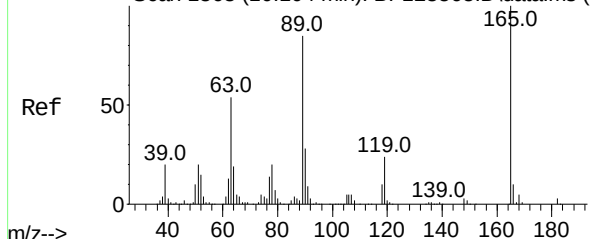
2,6-Dinitrotoluene
Concen: 8.24 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Instrument :
BNA_F
ClientSampled :
SB-01-14.5-15.0

Tgt Ion:	165	Resp:	46288
Ion	Ratio	Lower	Upper
165	100		
63	1.1	67.7	101.5#
89	1.7	58.8	88.2#

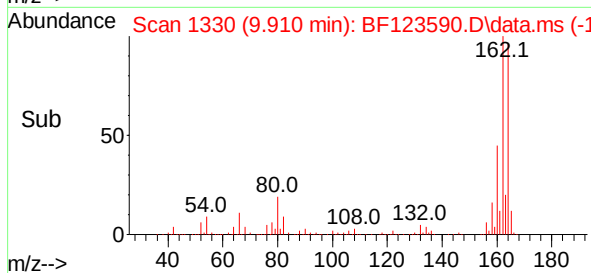
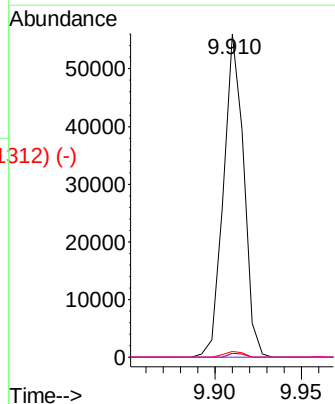
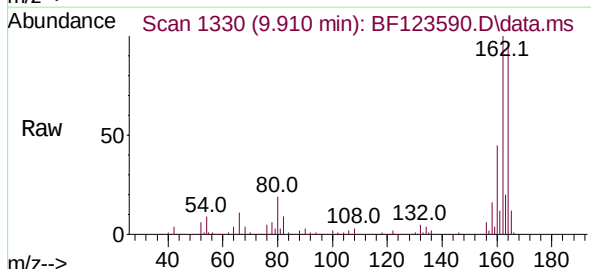


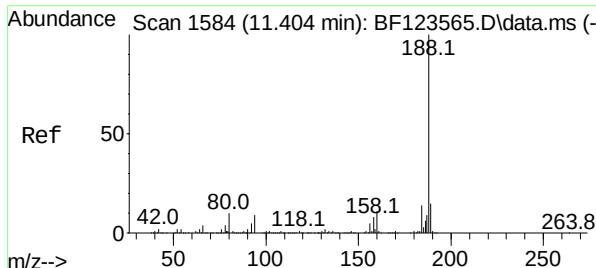
Abundance Scan 1363 (10.104 min): BF123565.D\data.ms (-13567-)



2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Tgt Ion:	165	Resp:	46288
Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.5	65.3#
89	1.7	67.7	101.5#
182	0.0	2.1	3.1#

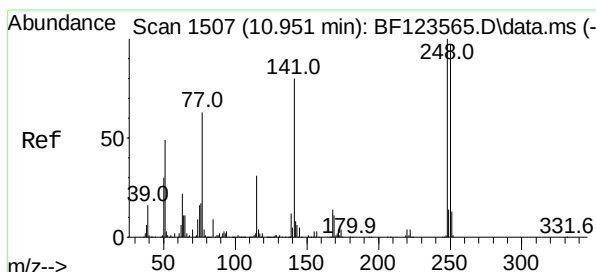
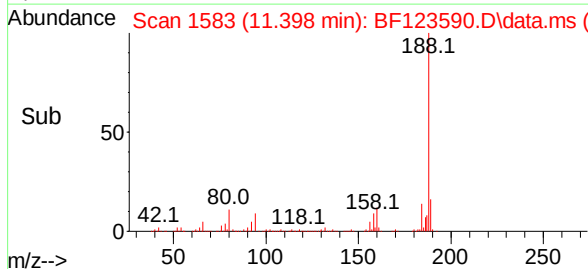
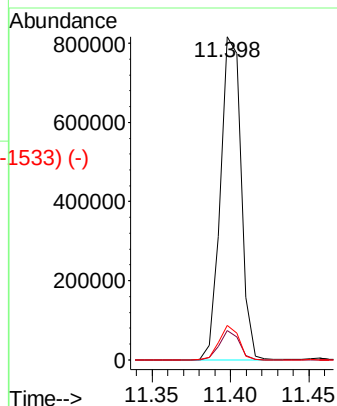
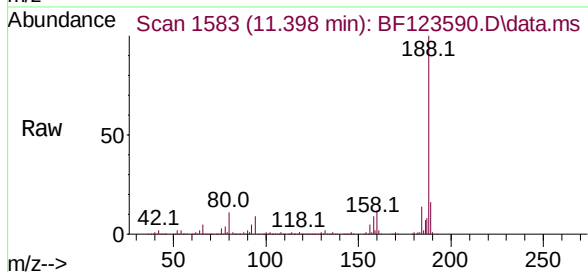




Scan 1584 (11.404 min): BF123565.D\data.ms (-1584) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.006 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

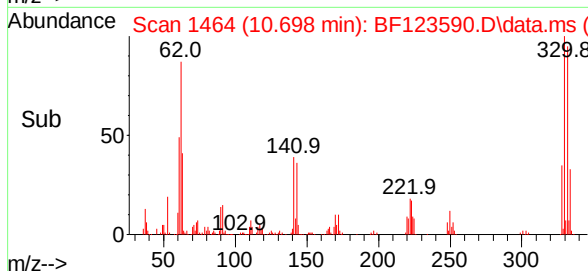
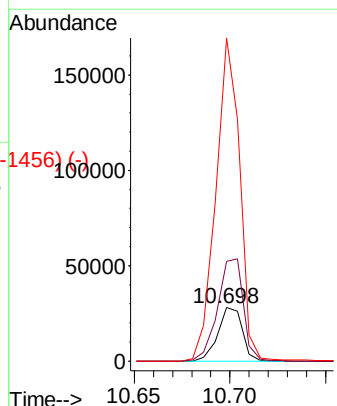
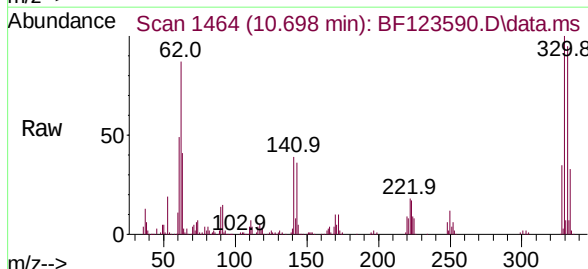
Instrument :
 BNA_F
 ClientSampleID :
 SB-01-14.5-15.0

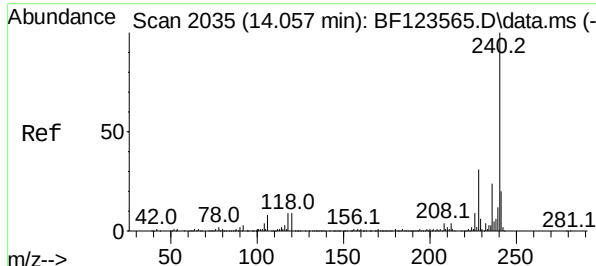
Tgt Ion:	188	Resp:	745656
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	10.6	8.2	12.2



Scan 1507 (10.951 min): BF123565.D\data.ms (-1507) (-)
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.253 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

Tgt Ion:	248	Resp:	24809
Ion	Ratio	Lower	Upper
248	100		
250	186.3	77.4	116.2#
141	604.0	63.7	95.5#

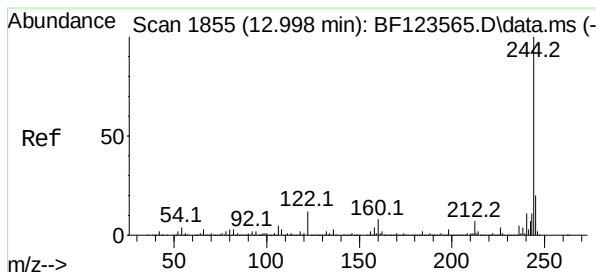
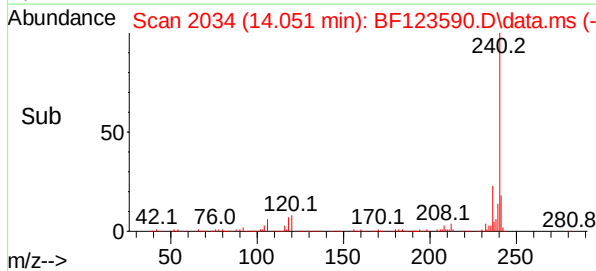
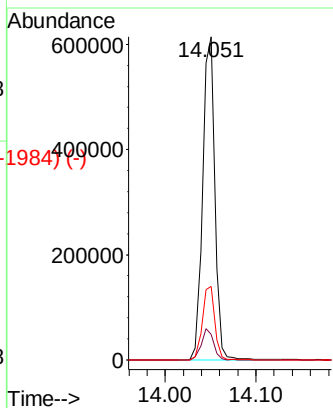
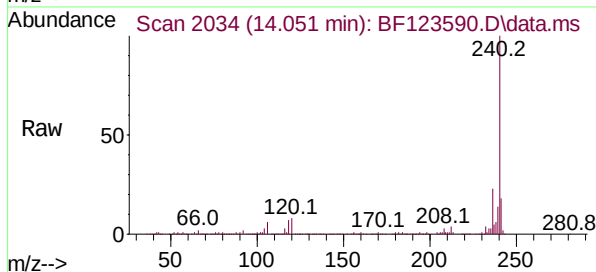




Scan 2035 (14.057 min): BF123565.D\data.ms (-1879) (-)
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

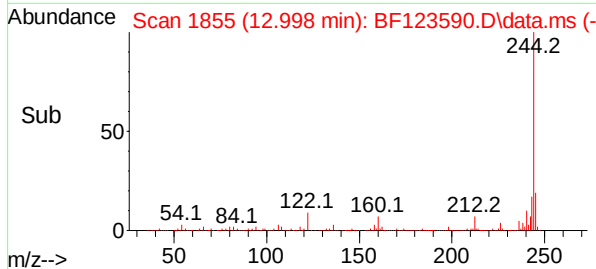
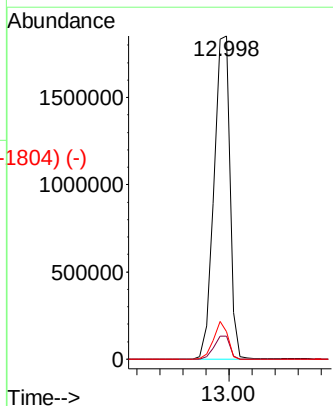
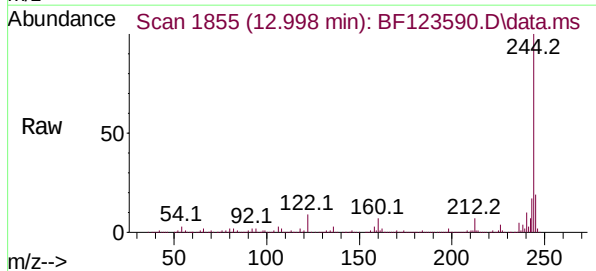
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-14.5-15.0

Tgt Ion:	240	Resp:	573786
Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.2	10.8
236	22.7	19.0	28.4

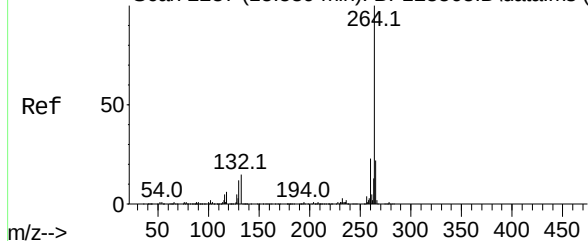


Scan 1855 (12.998 min): BF123565.D\data.ms (-1879) (-)
 Terphenyl-d14
 Concen: 60.76 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF123590.D
 Acq: 16 Apr 2021 13:48

Tgt Ion:	244	Resp:	1793937
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.6	9.7	14.5#



Abundance Scan 2287 (15.539 min): BF123565.D\data.ms (-2236) (-)



Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123590.D
Acq: 16 Apr 2021 13:48

Instrument :
BNA_F
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion:	264	Resp:	443404
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.8	26.8

