

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113593.D
 Acq On : 4 Apr 2019 20:07
 Operator : JU/SJ
 Sample : K2227-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	123994	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	468011	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	233476	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	508956	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	492311	20.00	ng	-0.03
87) Perylene-d12	15.22	264	460025	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	784631	107.91	ng	0.00
7) Phenol-d6	6.33	99	1081700	120.70	ng	-0.01
23) Nitrobenzene-d5	7.25	82	672034	84.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	291258	103.85	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1311808	90.45	ng	-0.01
79) Terphenyl-d14	12.77	244	1675576	69.30	ng	-0.02

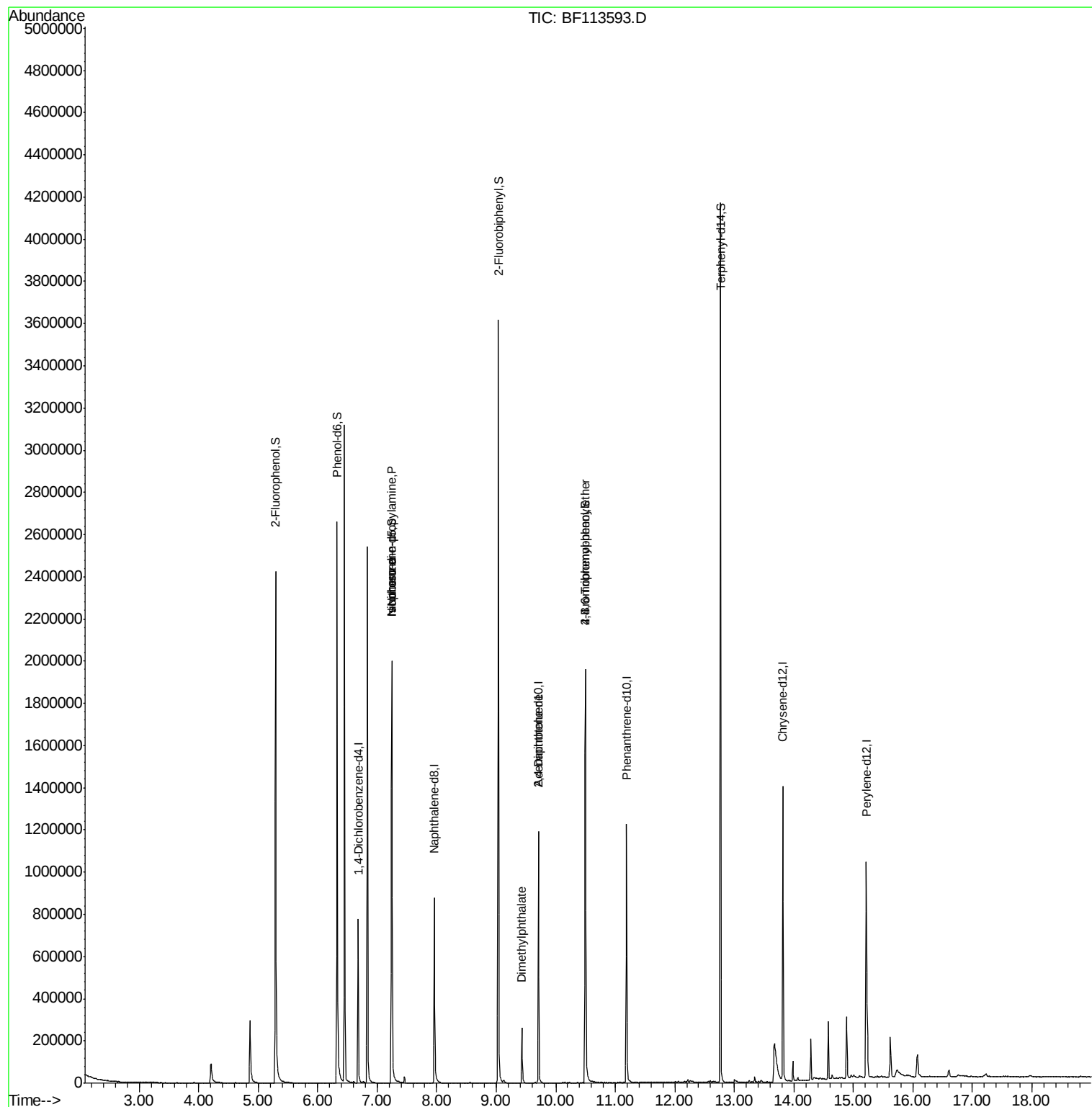
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	85890	15.542	ng	# 76
25) Isophorone	7.25	82	672030	43.662	ng	# 64
50) Dimethylphthalate	9.43	163	129581	7.529	ng	99
57) 2,4-Dinitrotoluene	9.71	165	29008	6.322	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	16004	2.804	ng	# 1

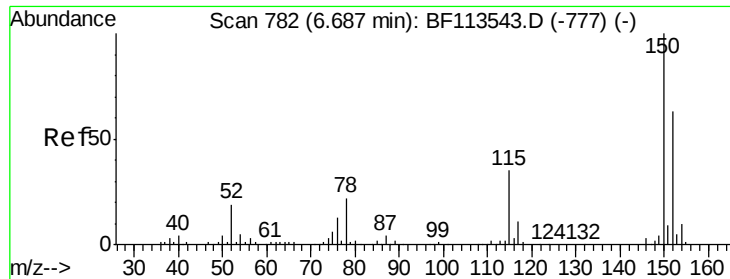
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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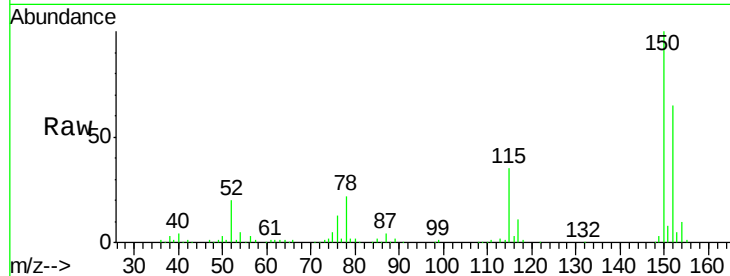


#1

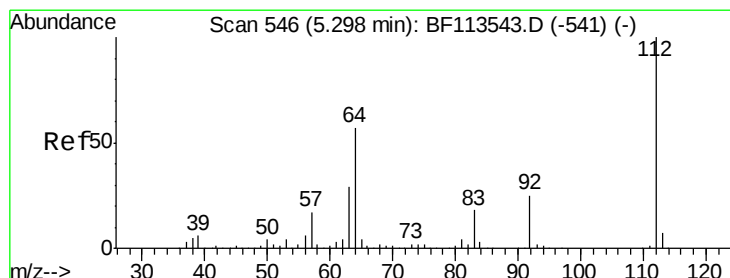
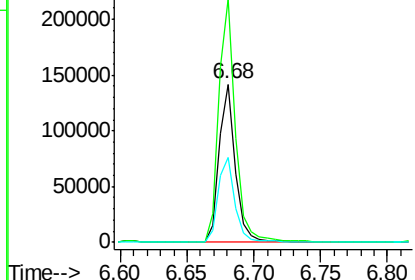
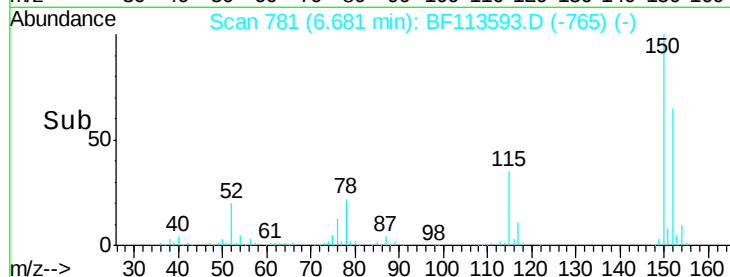
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.7	187.1
115	53.6	46.0	69.0



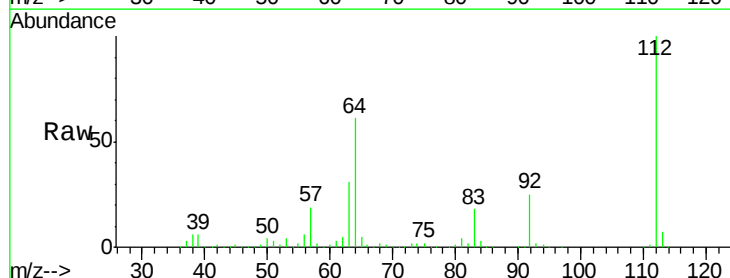
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



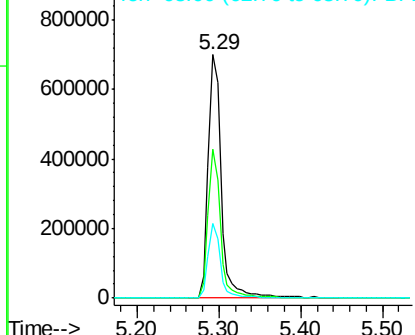
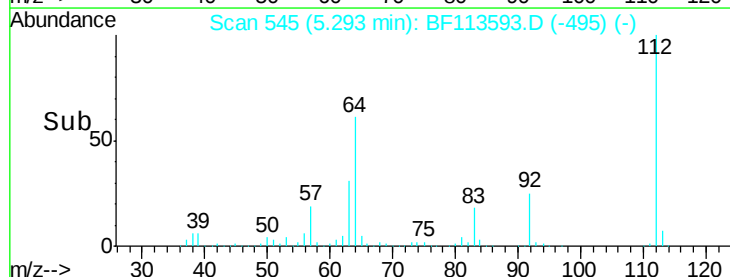
#5

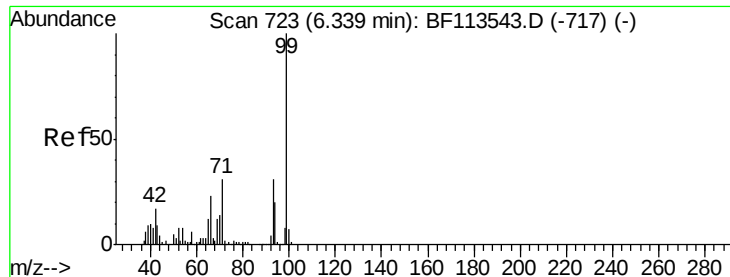
2-Fluorophenol
Concen: 107.907 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.2	73.8
63	30.8	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.698 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Instrument :

BNA_F

ClientSampleId :

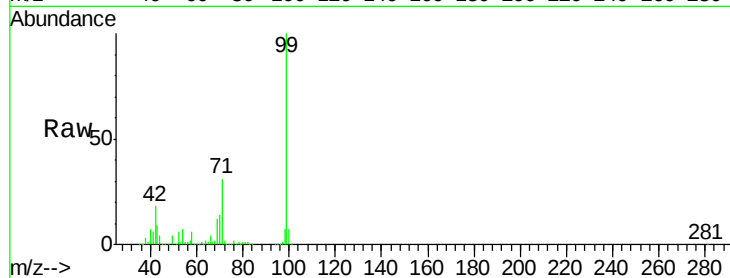
Tot Ion: 99 Resp: 1081700

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

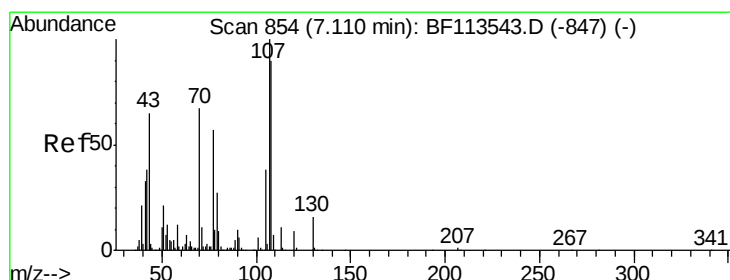
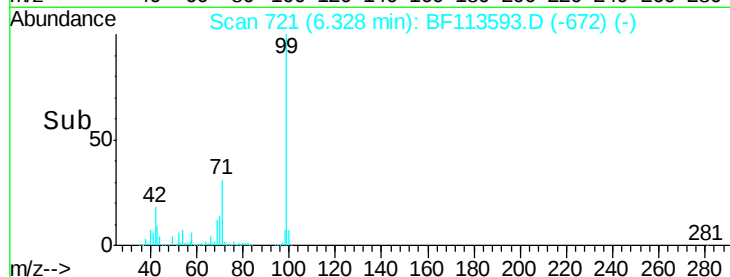
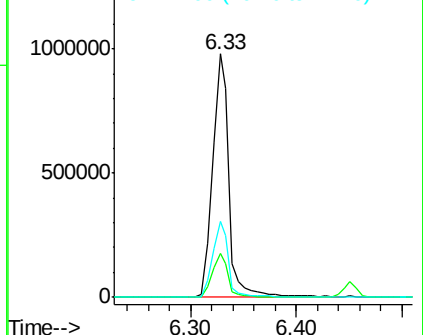
71 31.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.542 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Tgt Ion: 70 Resp: 85890

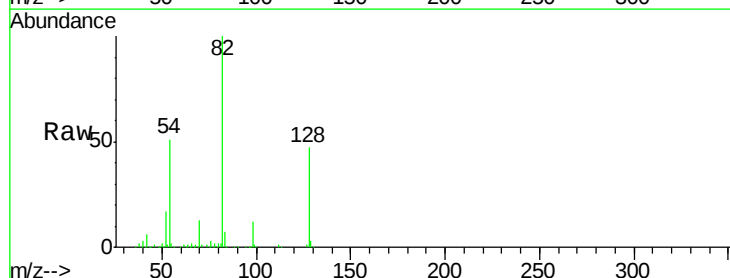
Ion Ratio Lower Upper

70 100

42 47.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

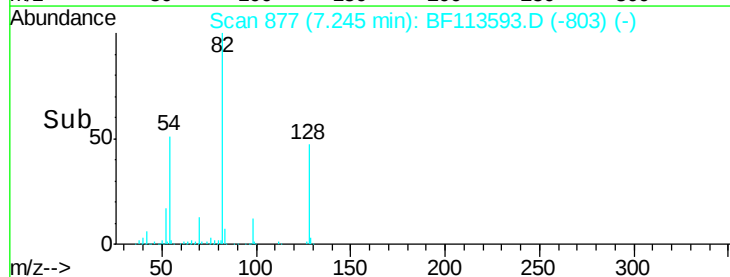
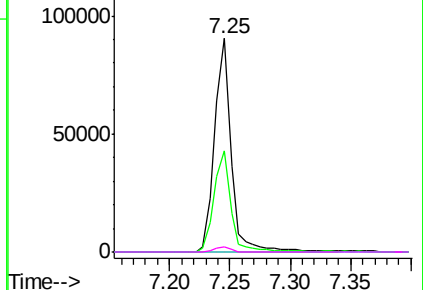


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 468011

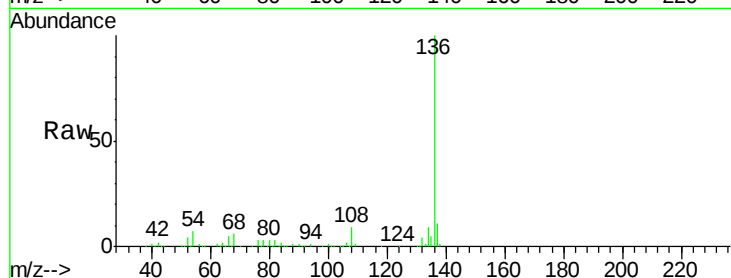
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

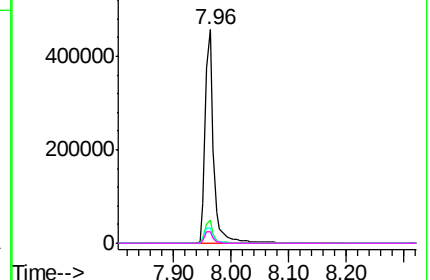
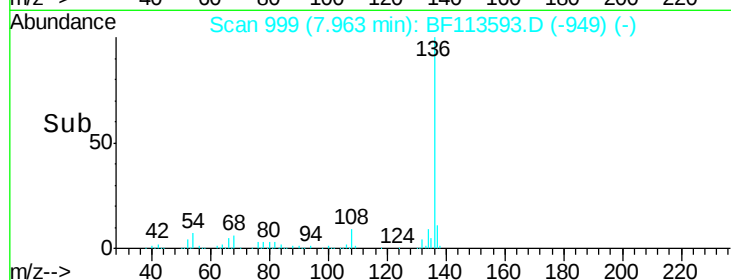


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.110 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

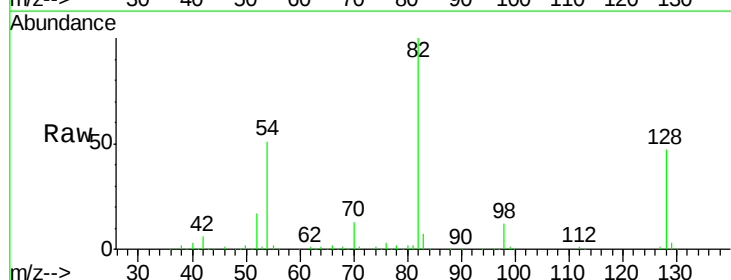
Tgt Ion: 82 Resp: 672034

Ion Ratio Lower Upper

82 100

128 47.2 36.5 54.7

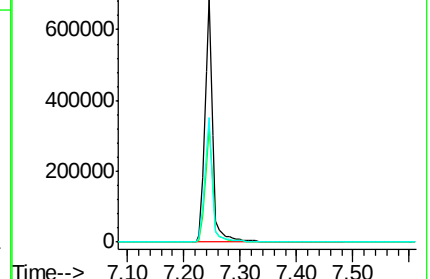
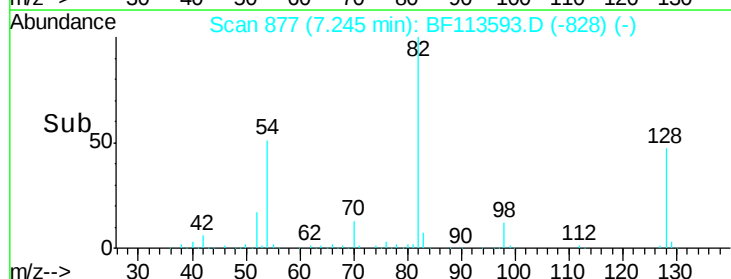
54 51.4 42.2 63.2

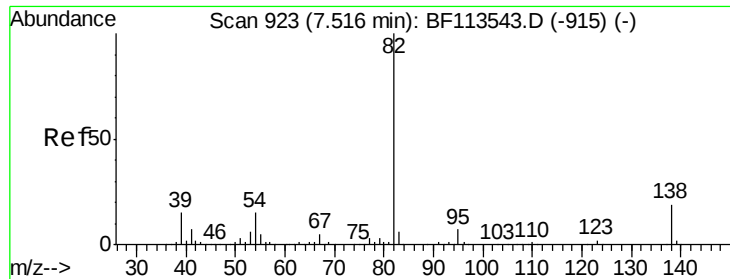


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.662 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Instrument :

BNA_F

ClientSampled :

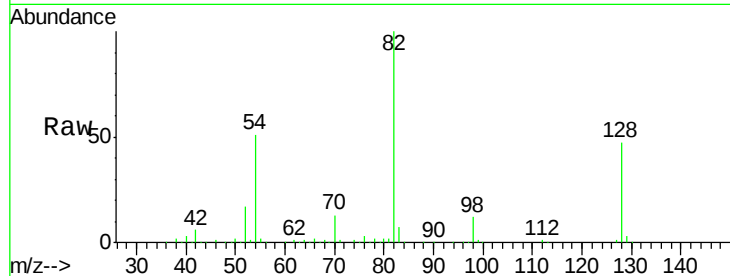
Tot Ion: 82 Resp: 672030

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

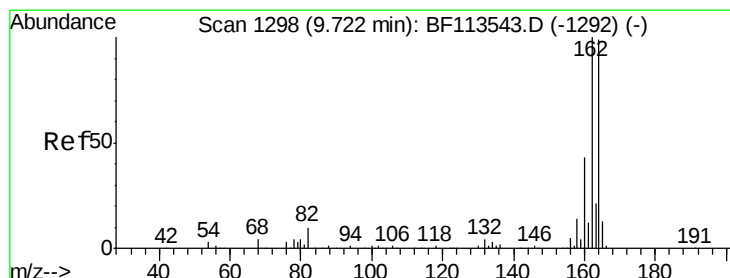
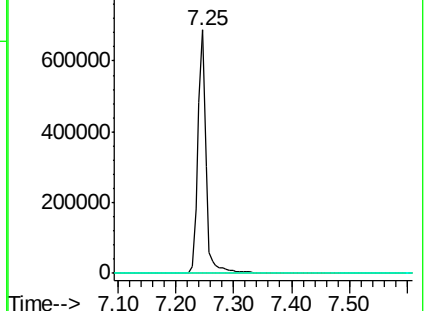
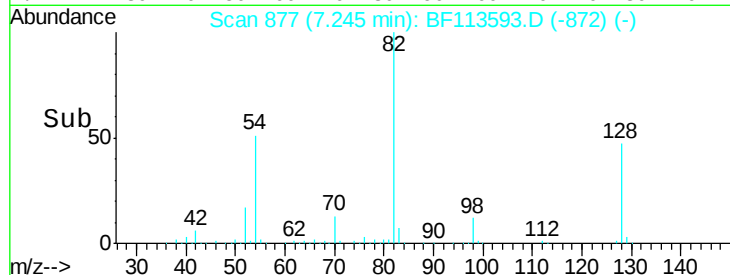
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

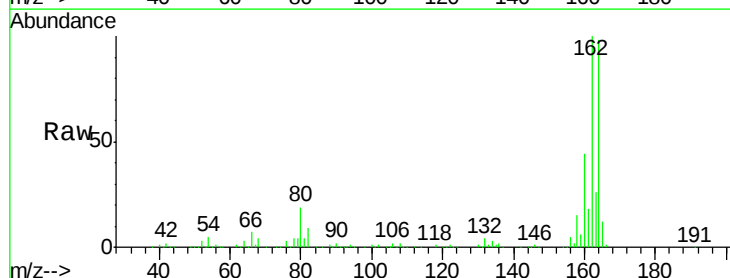
Tgt Ion:164 Resp: 233476

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

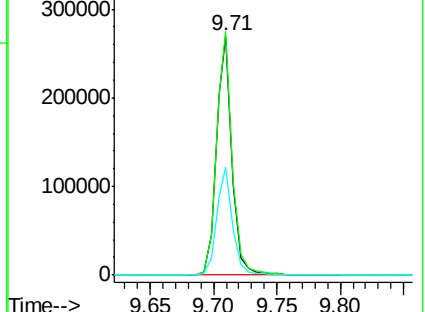
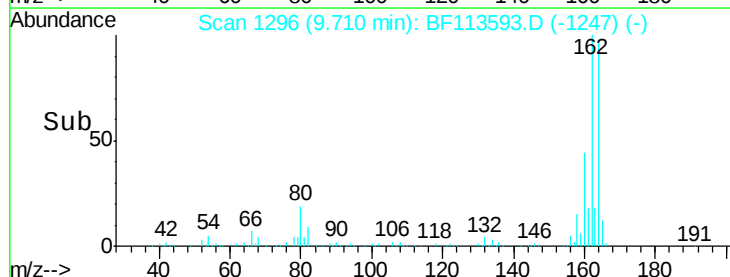
160 45.3 36.4 54.6

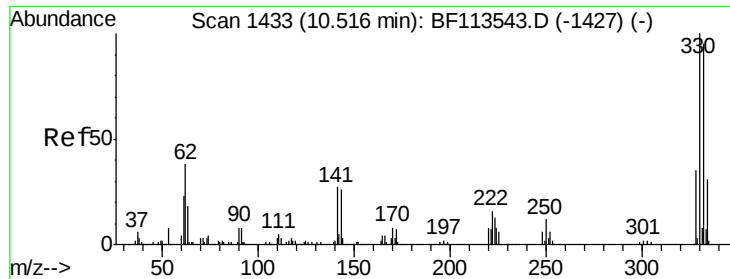


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

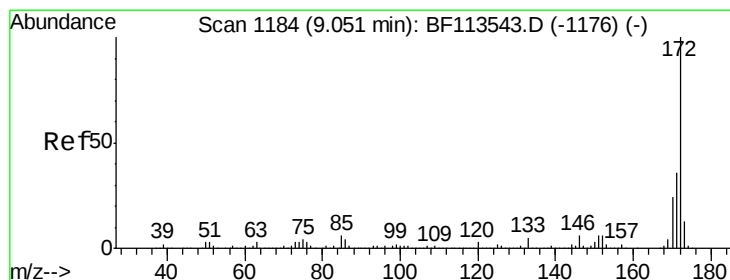
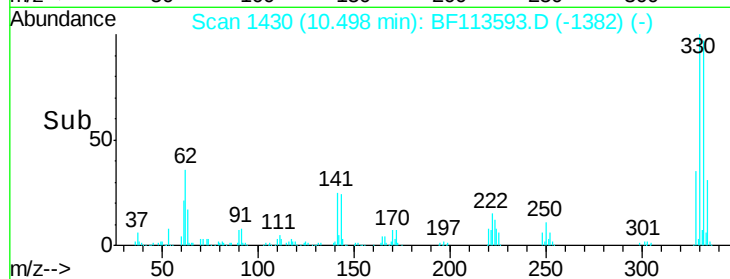
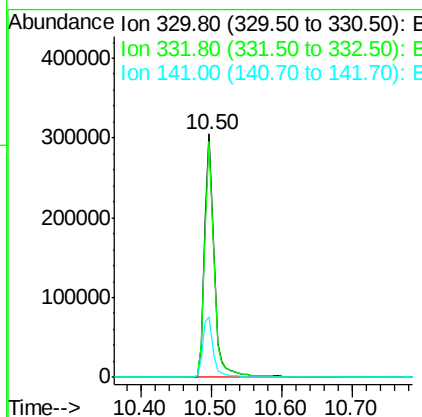
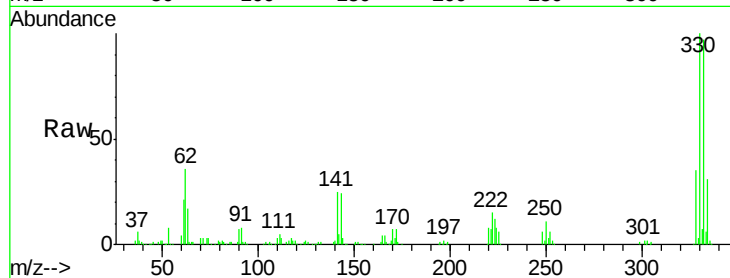




#42
 2,4,6-Tribromophenol
 Concen: 103.850 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

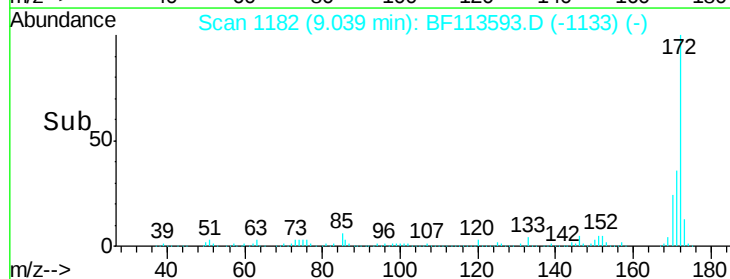
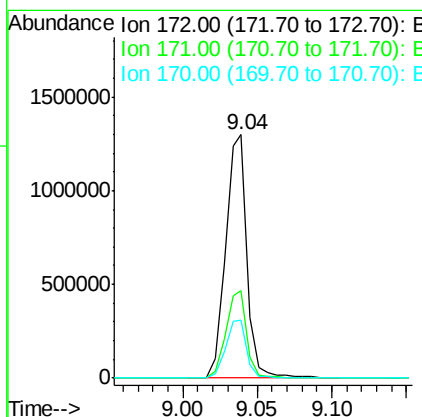
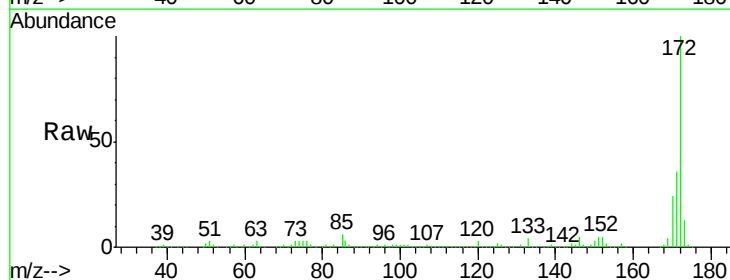
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	27.2	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 90.453 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.5	29.3

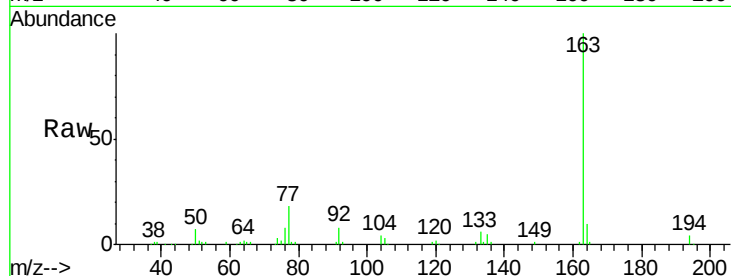




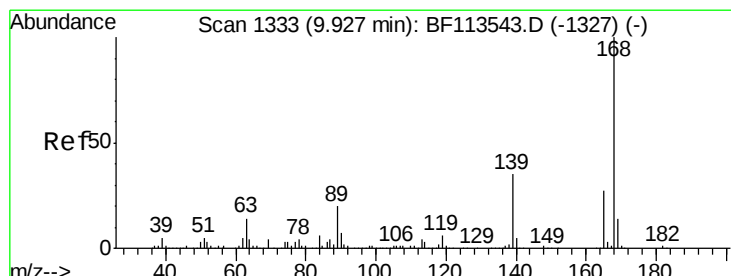
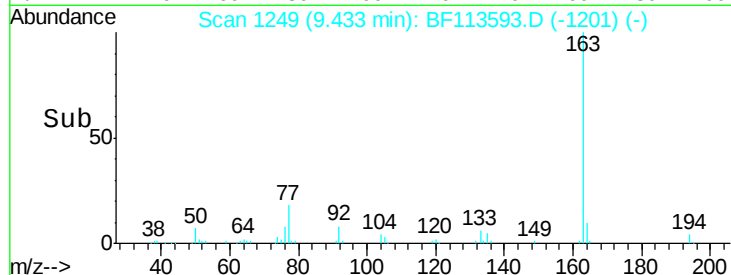
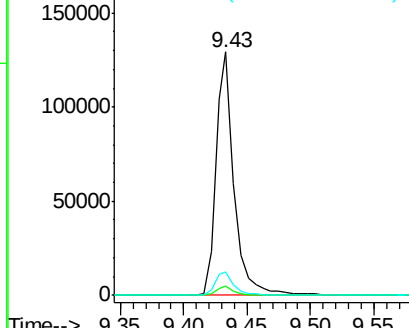
#50
Dimethylphthalate
Concen: 7.529 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	8.1	12.1

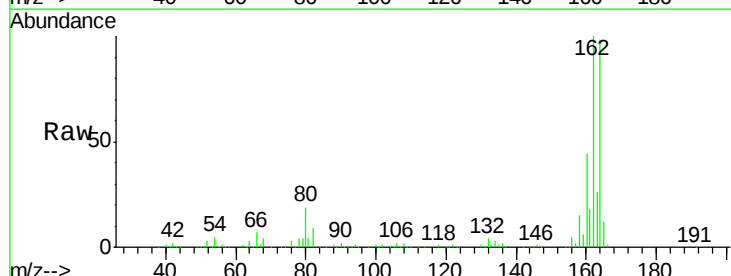


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

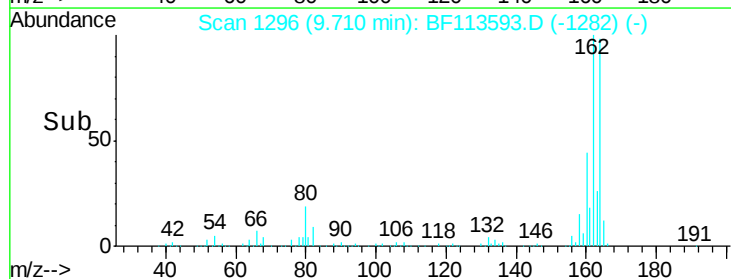
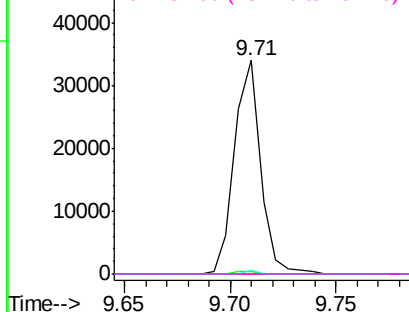


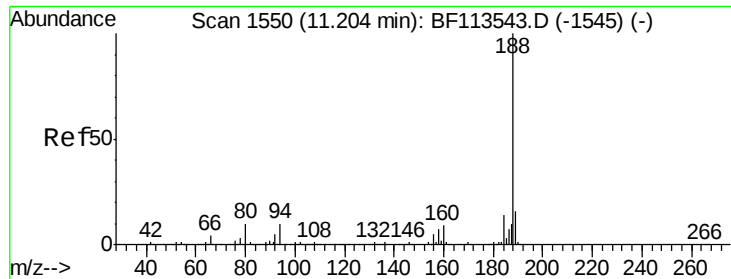
#57
2,4-Dinitrotoluene
Concen: 6.322 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

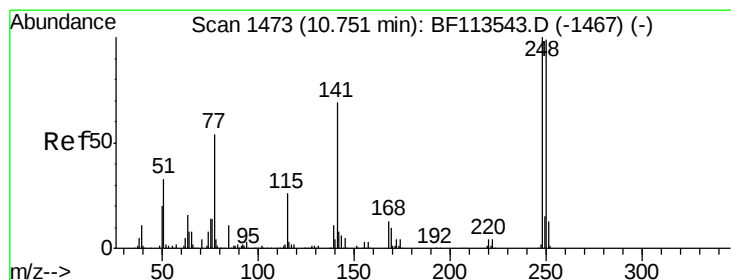
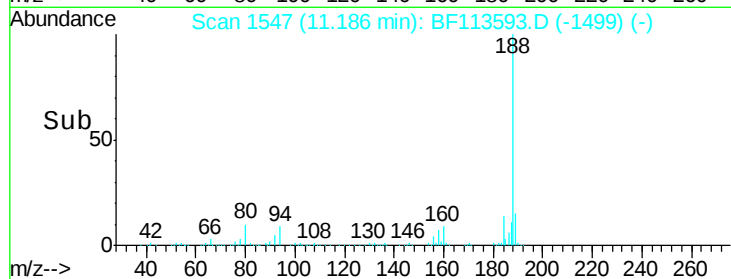
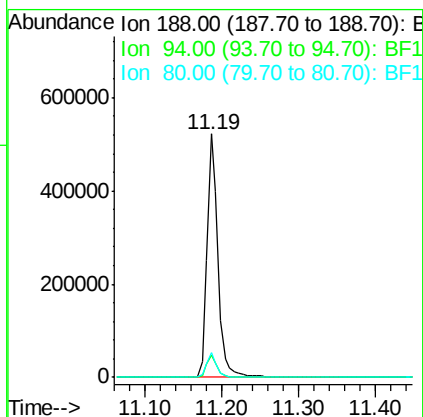
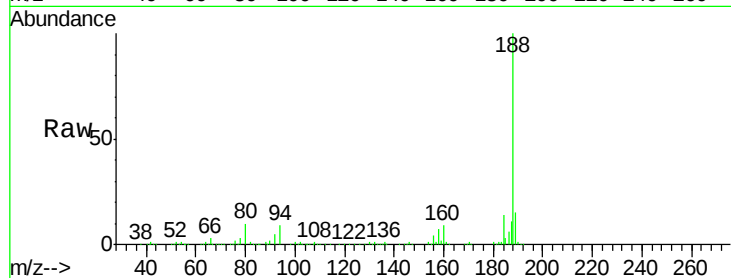




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

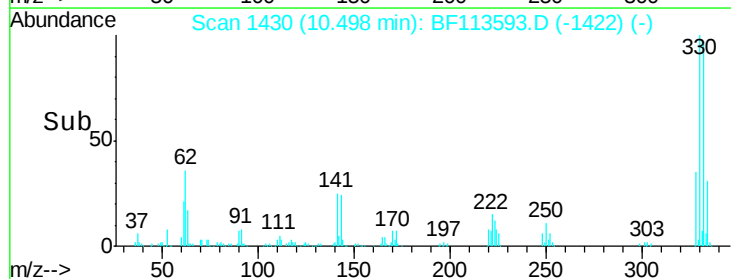
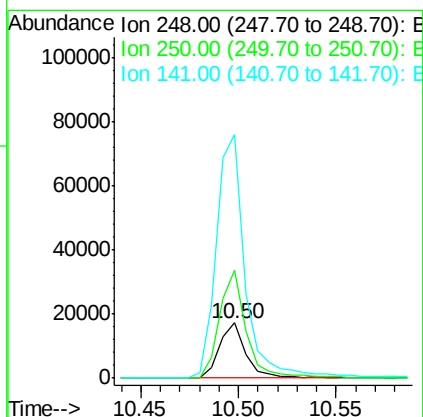
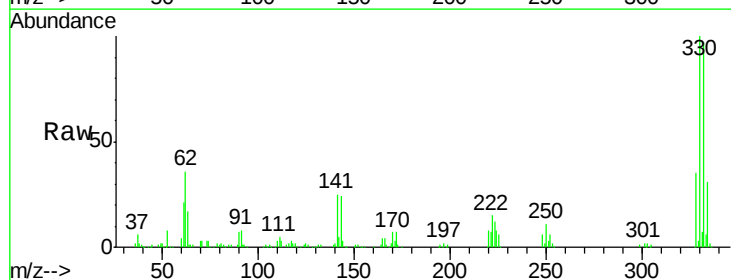
Instrument :
BNA_F
ClientSampleId :

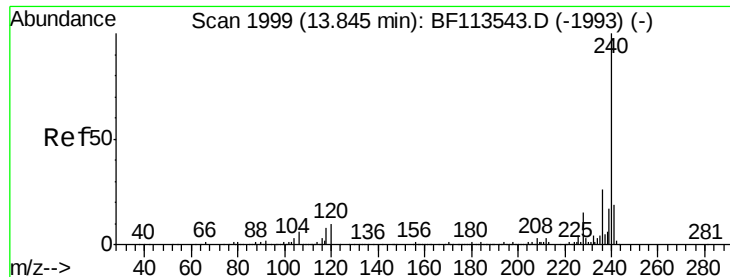
Tot Ion:188 Resp: 508956
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.804 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Tgt Ion:248 Resp: 16004
Ion Ratio Lower Upper
248 100
250 197.5 78.3 117.5#
141 443.0 56.2 84.4#

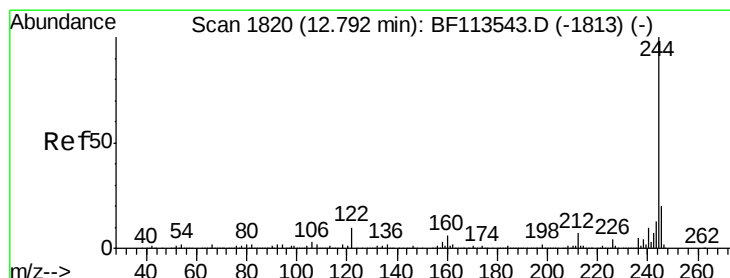
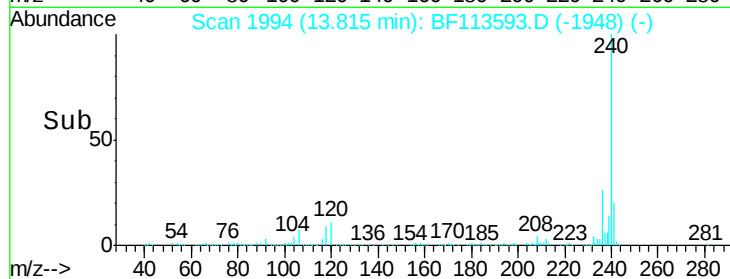
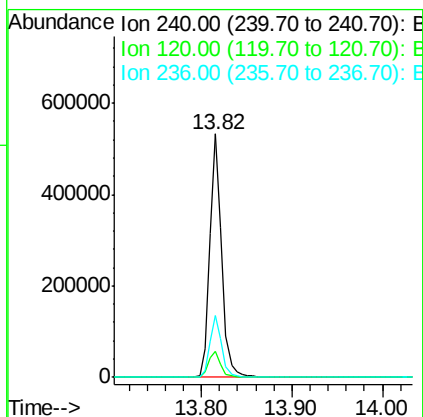
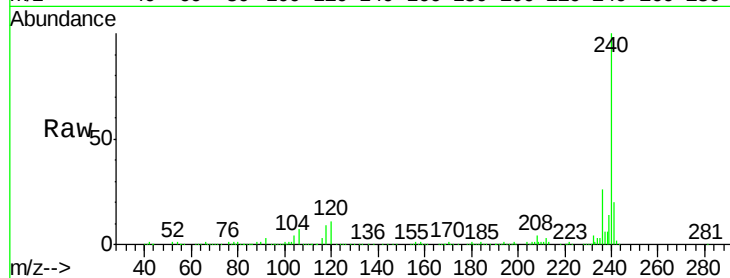




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.03 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

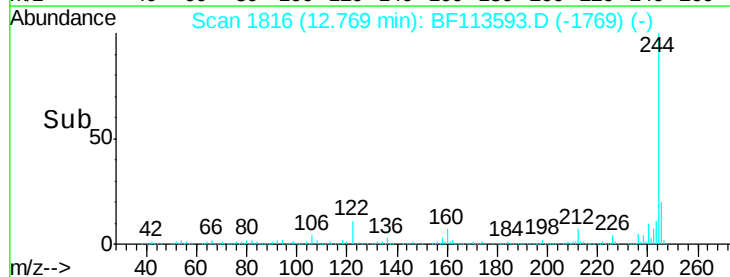
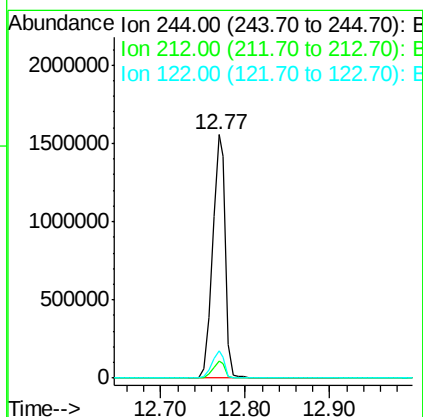
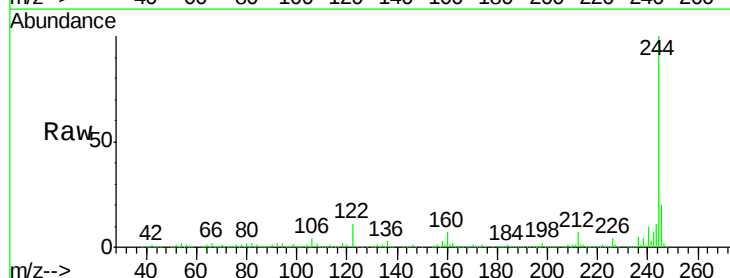
Instrument :
 BNA_F
 ClientSampleId :

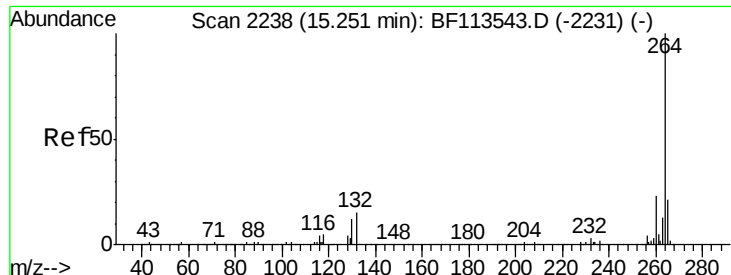
Tot Ion:240 Resp: 492311
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.8 13.2
 236 25.6 20.9 31.3



#79
 Terphenyl-d14
 Concen: 69.296 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

Tgt Ion:244 Resp: 1675576
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 8.6 13.0

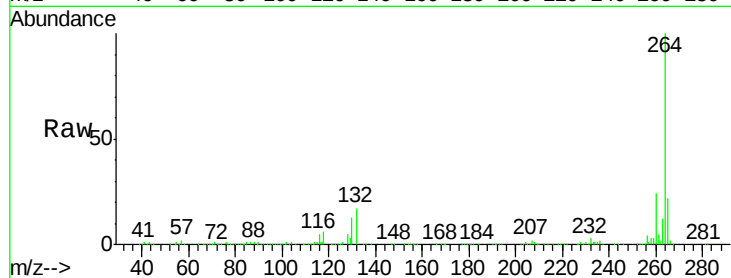




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.6	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

