

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111992.D
 Acq On : 10 Jan 2019 17:28
 Operator : JU/SJ
 Sample : K1100-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:52:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

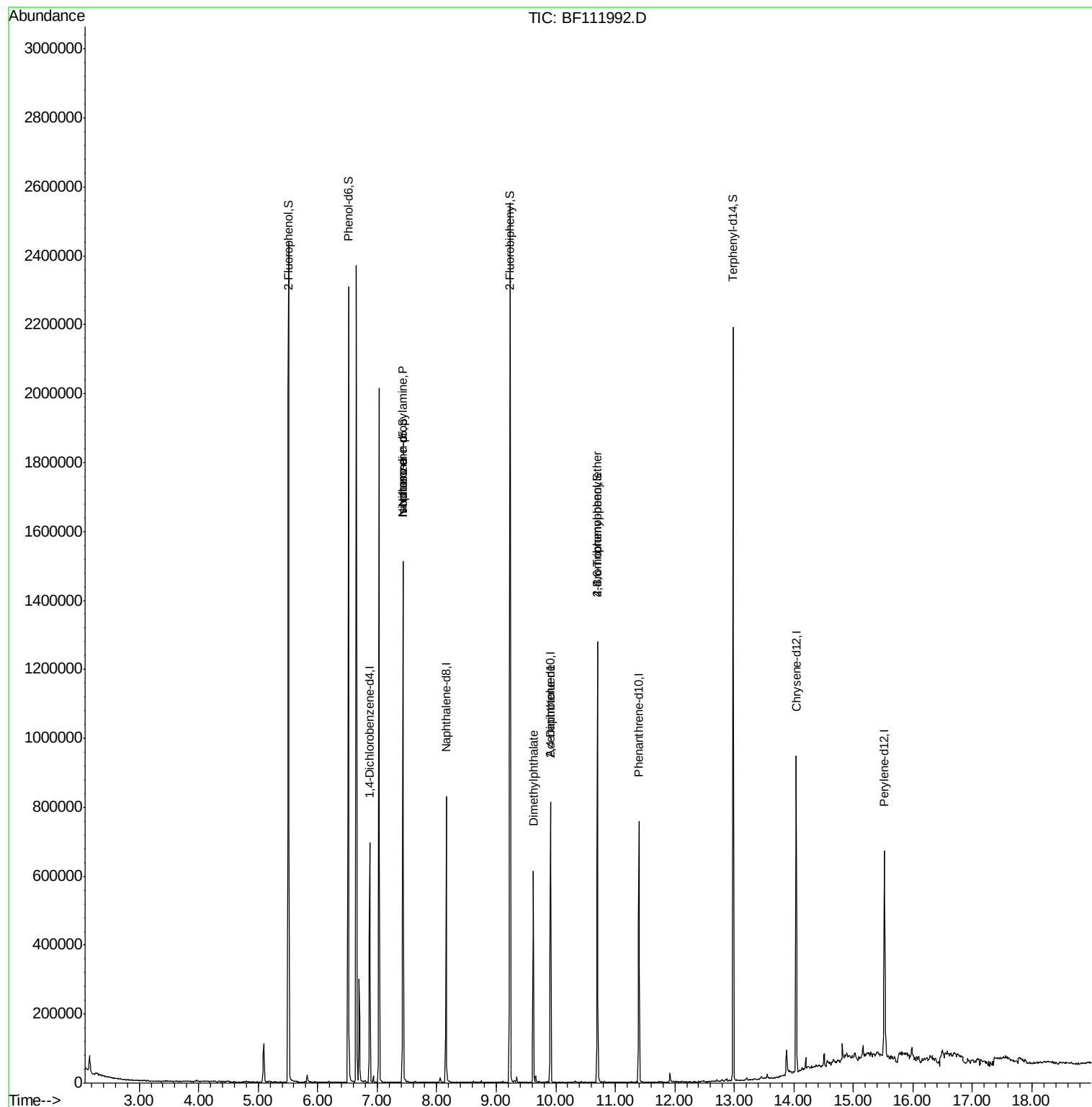
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	93534	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	347815	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	161042	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	256353	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	304402	20.00	ng	-0.02
87) Perylene-d12	15.52	264	270232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	611786	111.90	ng	-0.01
7) Phenol-d6	6.52	99	730935	103.73	ng	-0.02
23) Nitrobenzene-d5	7.43	82	465219	71.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	165010	78.78	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	827545	74.93	ng	-0.02
79) Terphenyl-d14	12.98	244	704992	43.96	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1184	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	61434	13.418	ng	# 79
25) Isophorone	7.43	82	465214	44.145	ng	# 65
50) Dimethylphthalate	9.62	163	229056	18.934	ng	# 98
57) 2,4-Dinitrotoluene	9.91	165	19032	5.445	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	9419	2.837	ng	# 1

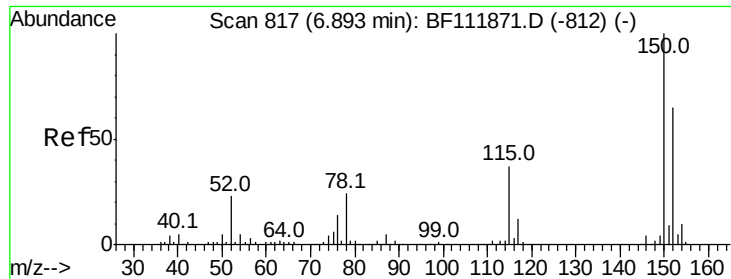
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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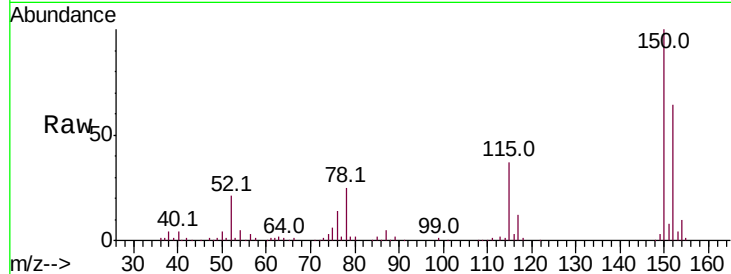


#1

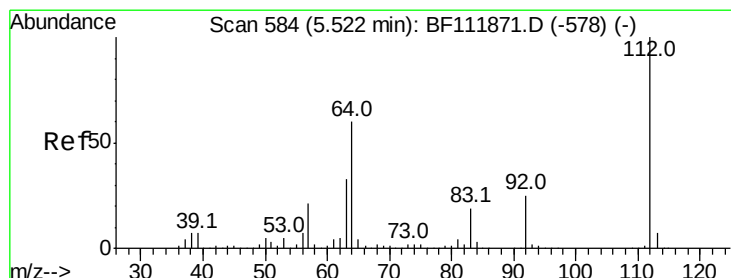
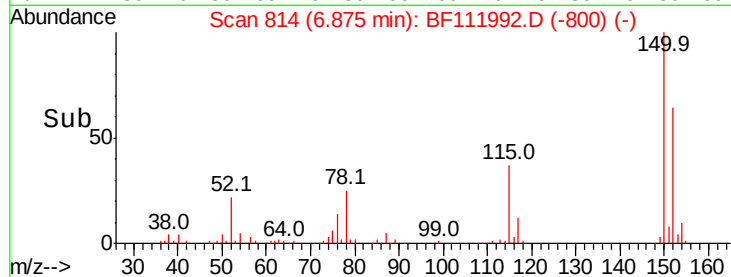
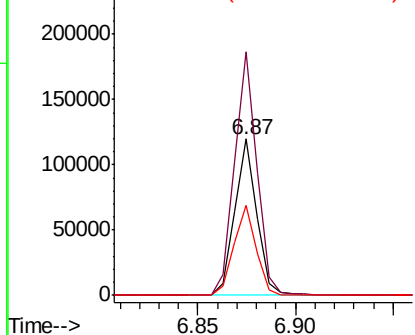
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93534
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 57.9 45.2 67.8



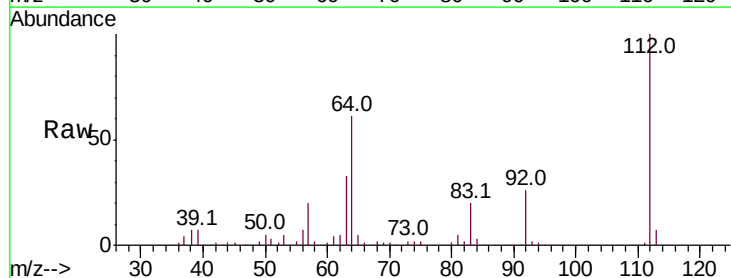
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



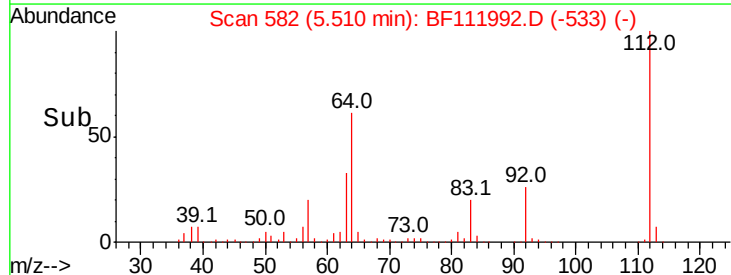
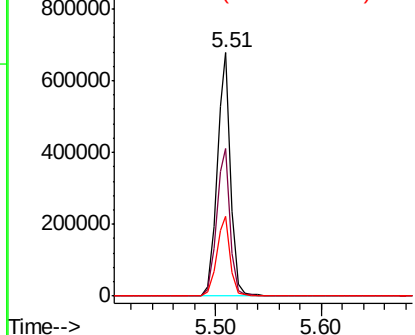
#5

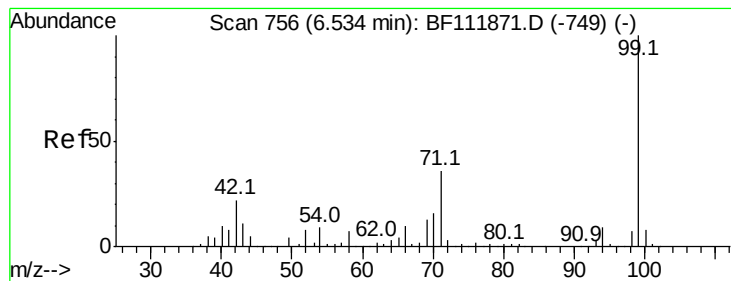
2-Fluorophenol
Concen: 111.901 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Tgt Ion:112 Resp: 611786
Ion Ratio Lower Upper
112 100
64 60.6 48.3 72.5
63 32.7 26.1 39.1



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: 103.729 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

Instrument :

BNA_F

ClientSampleId :

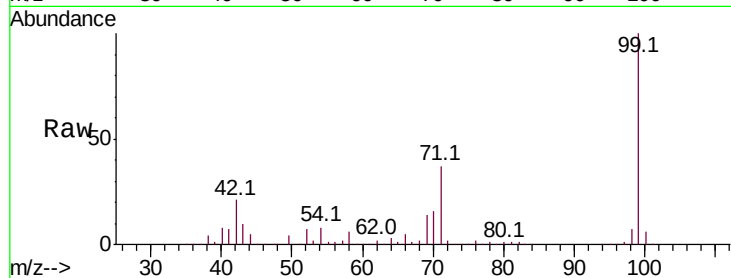
Tot Ion: 99 Resp: 730935

Ion Ratio Lower Upper

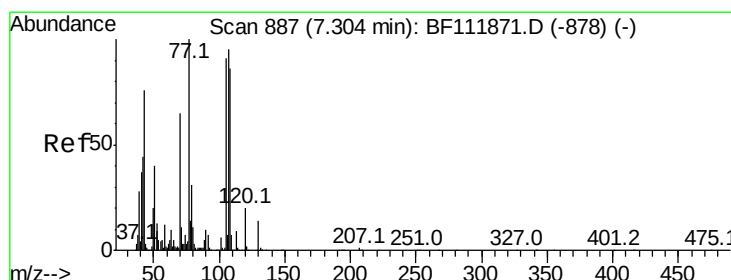
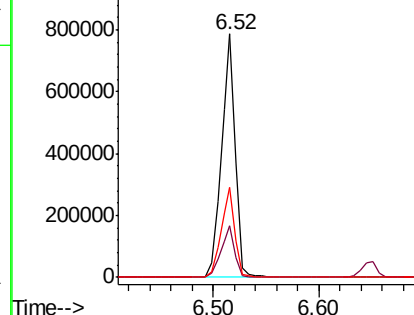
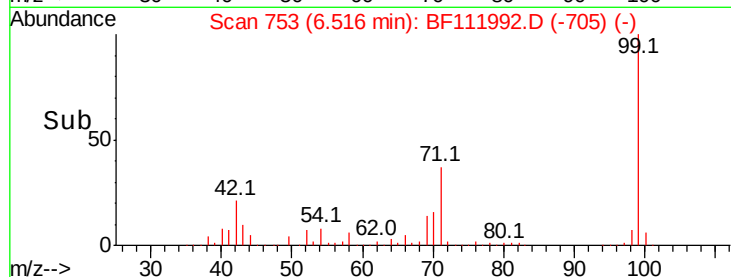
99 100

42 21.0 17.9 26.9

71 36.9 28.7 43.1



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: 13.418 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

Tgt Ion: 70 Resp: 61434

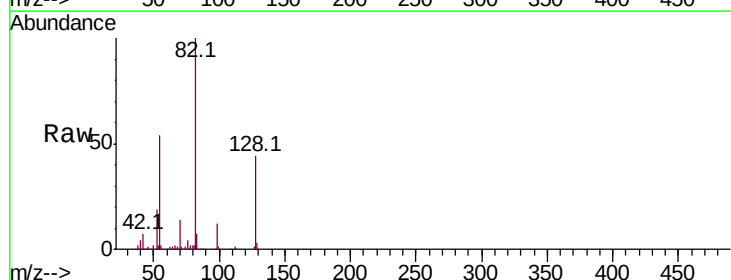
Ion Ratio Lower Upper

70 100

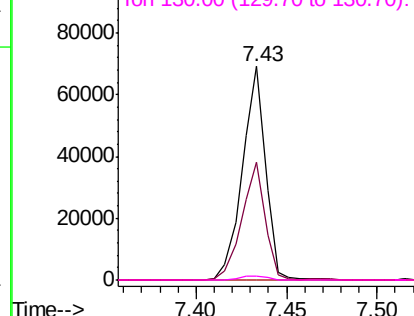
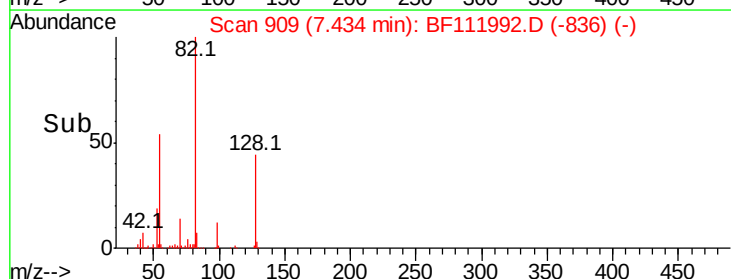
42 55.3 53.6 80.4

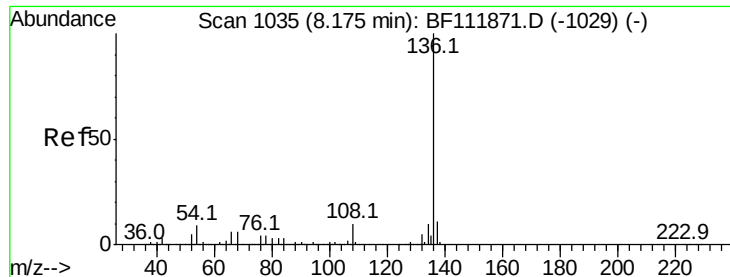
101 0.0 7.3 10.9#

130 1.9 16.8 25.2#



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

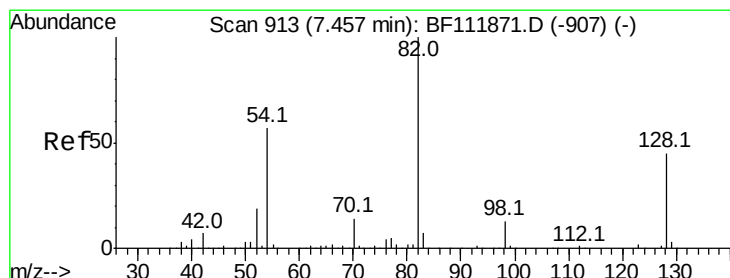
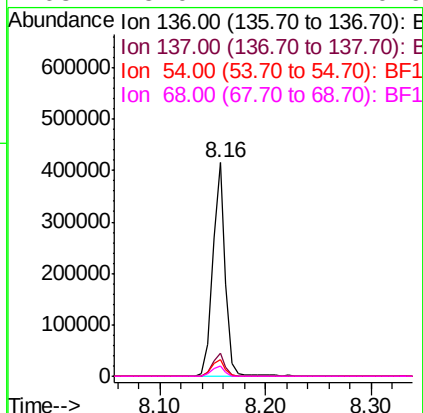
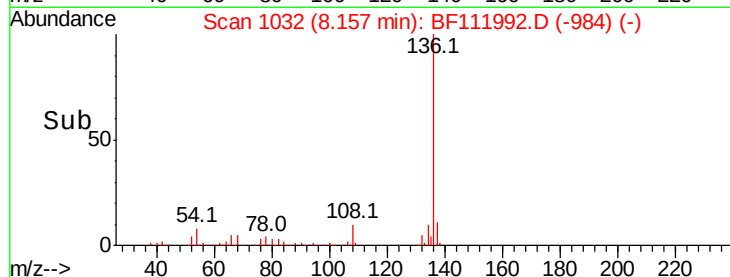
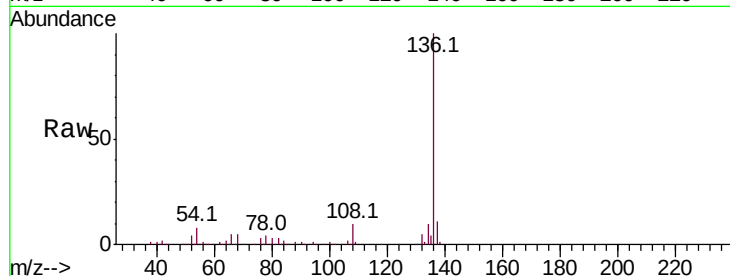




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

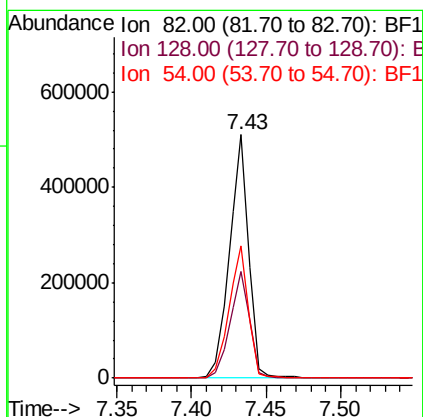
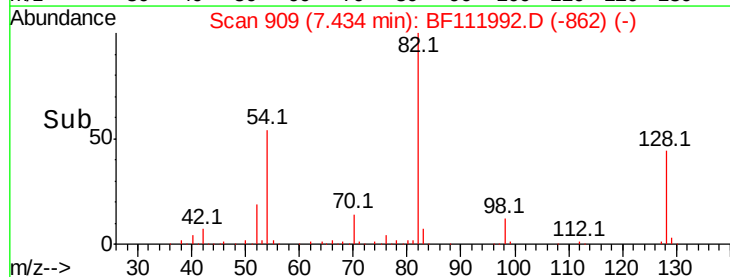
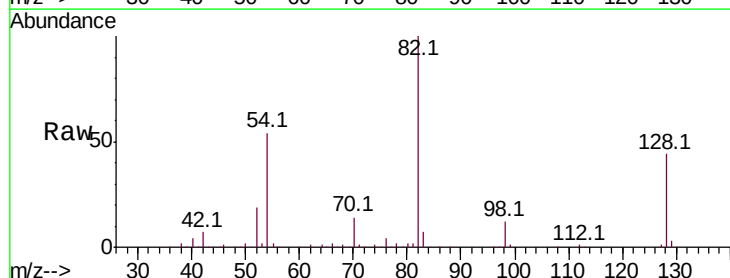
Instrument :
BNA_F
ClientSampleId :

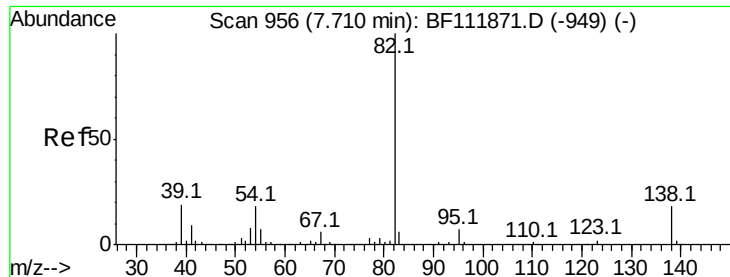
Tot Ion:136	Resp:	347815
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	8.1	7.2 10.8
68	5.0	4.4 6.6



#23
Nitrobenzene-d5
Concen: 71.486 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Tgt Ion: 82	Resp:	465219
Ion Ratio	Lower	Upper
82	100	
128	43.9	35.7 53.5
54	54.1	45.8 68.8





#25

Isophorone

Concen: 44.145 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

Instrument :

BNA_F

ClientSampleId :

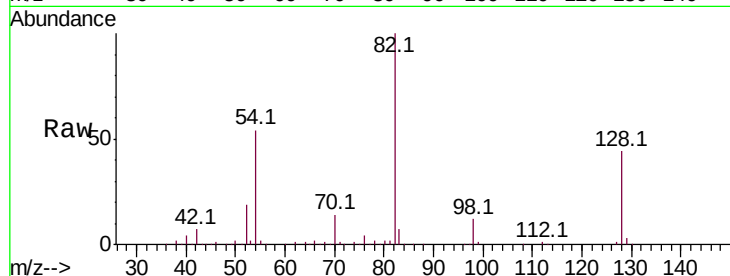
Tot Ion: 82 Resp: 465214

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

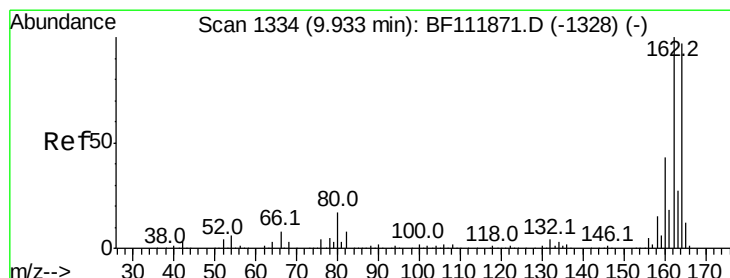
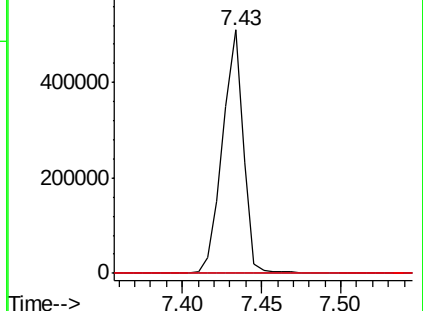
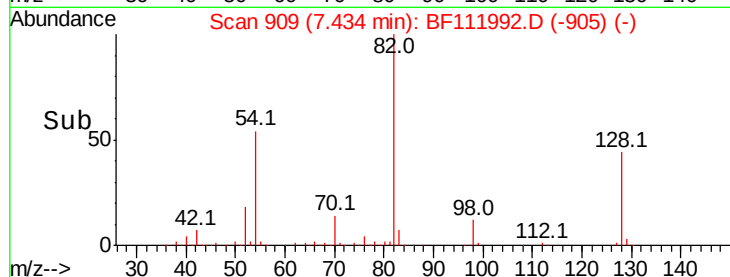
138 0.0 14.4 21.6#



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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

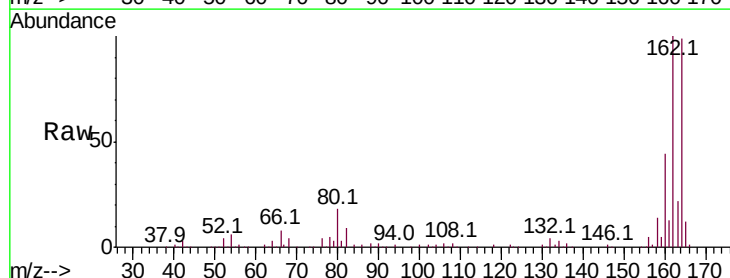
Tgt Ion:164 Resp: 161042

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

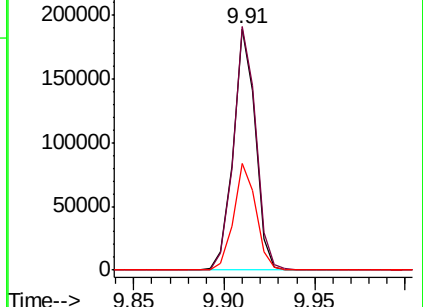
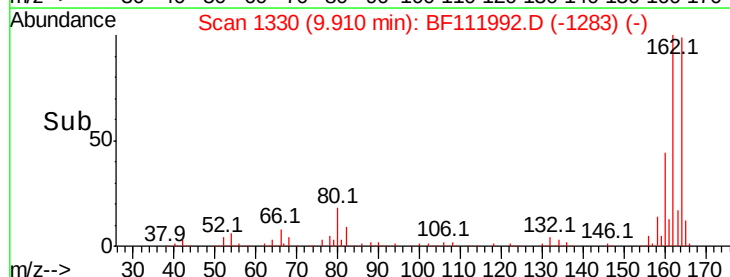
160 44.2 35.5 53.3

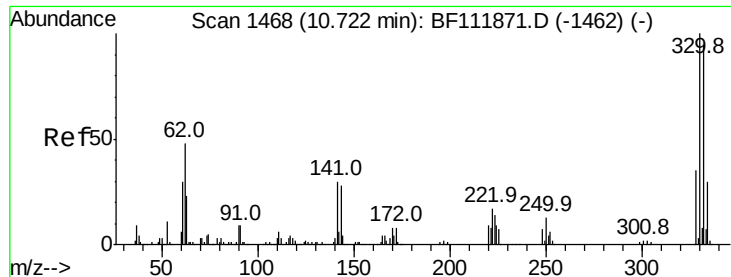


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

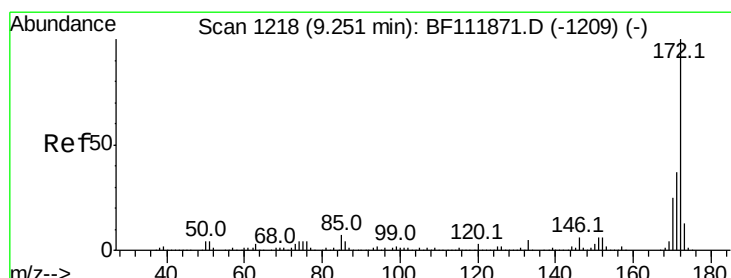
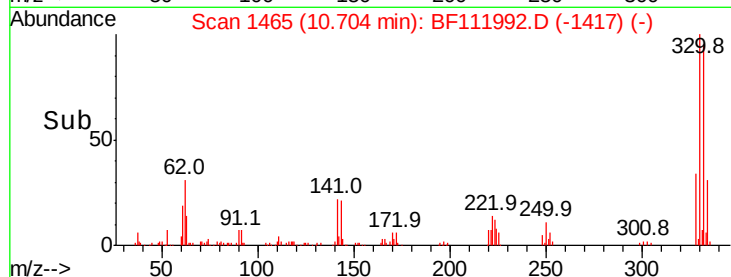
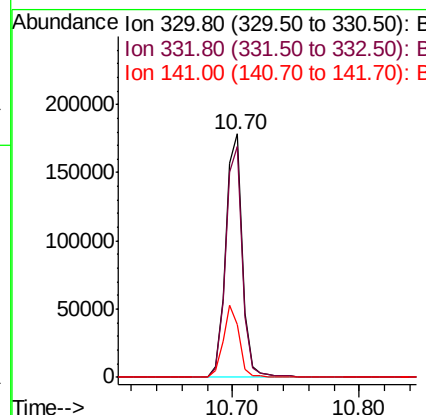
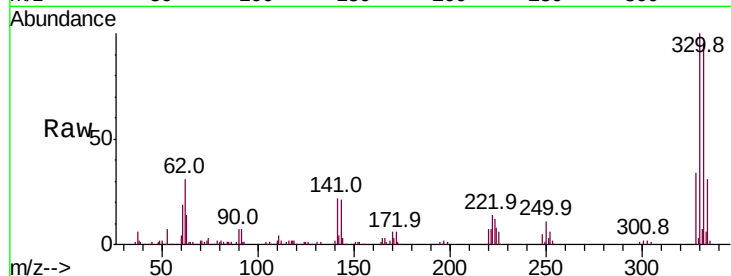




#42
 2,4,6-Tribromophenol
 Concen: 78.776 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111992.D
 Acq: 10 Jan 2019 17:28

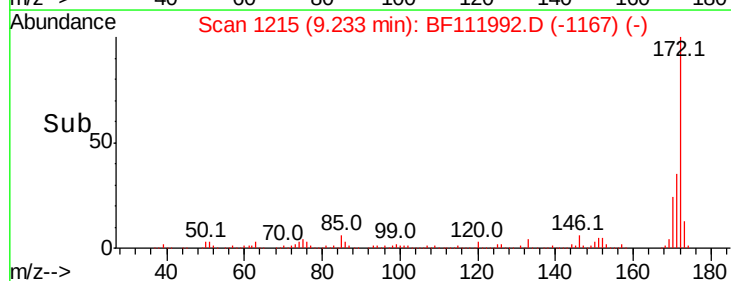
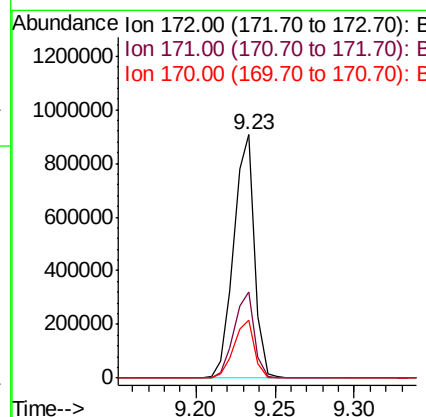
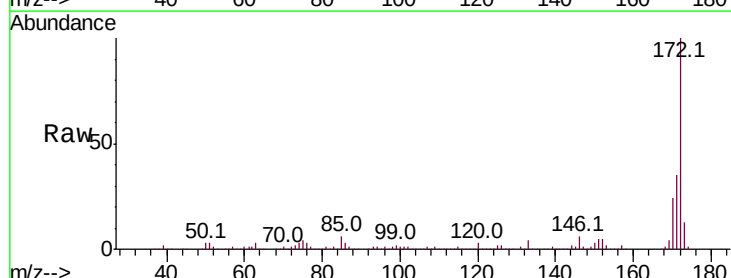
Instrument :
 BNA_F
 ClientSampleId :

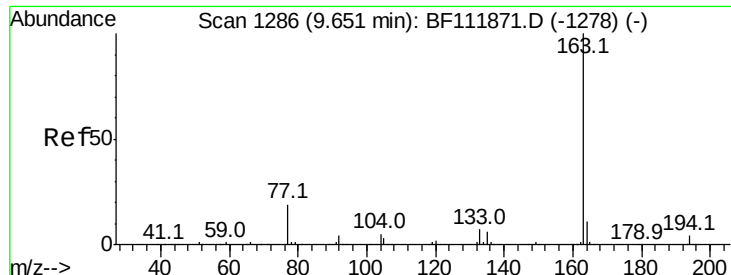
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	28.6	23.7	35.5



#45
 2-Fluorobiphenyl
 Concen: 74.932 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111992.D
 Acq: 10 Jan 2019 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.0	19.8	29.8

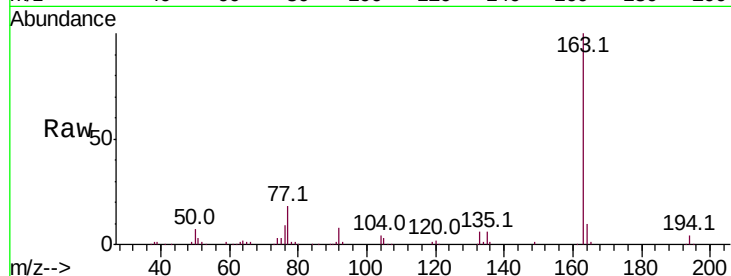




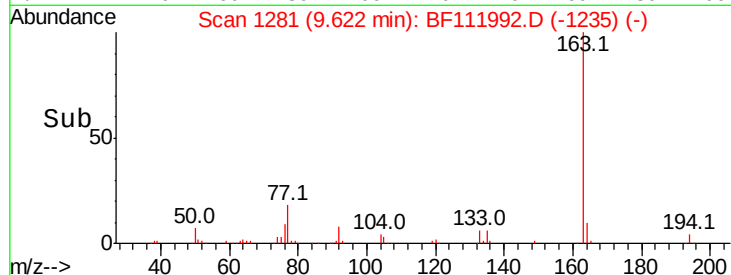
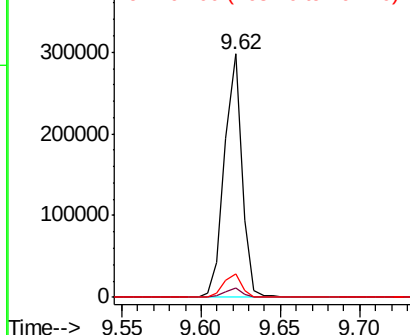
#50
Dimethylphthalate
Concen: 18.934 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.8	8.5	12.7



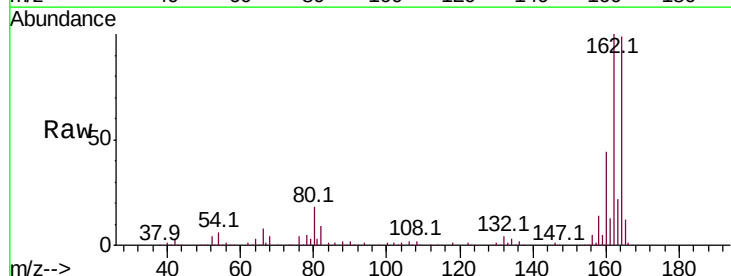
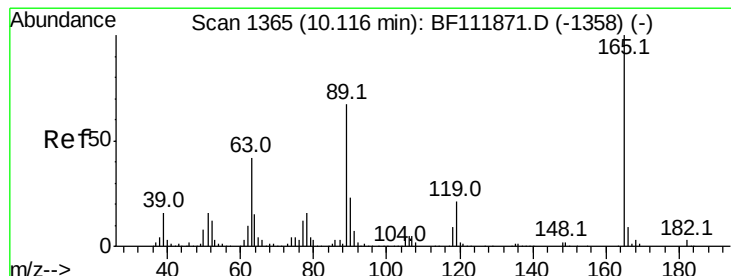
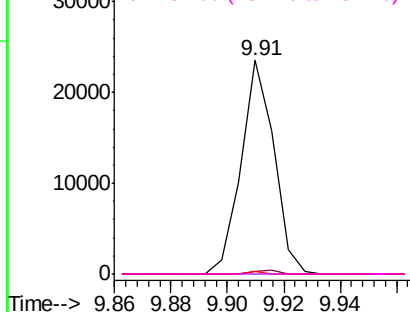
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

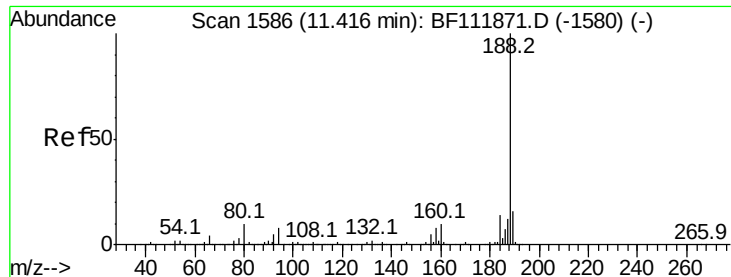


#57
2,4-Dinitrotoluene
Concen: 5.445 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.1	51.1#
89	1.5	53.5	80.3#
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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

Instrument :

BNA_F

ClientSampleId :

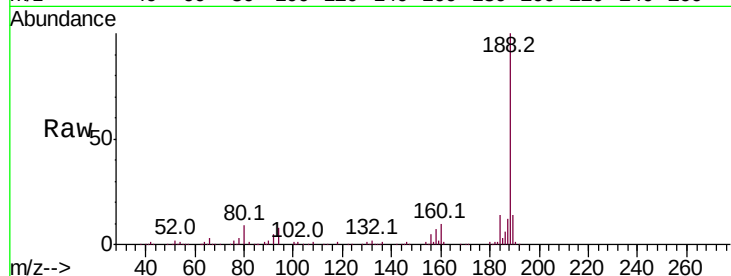
Tot Ion:188 Resp: 256353

Ion Ratio Lower Upper

188 100

94 7.6 6.6 10.0

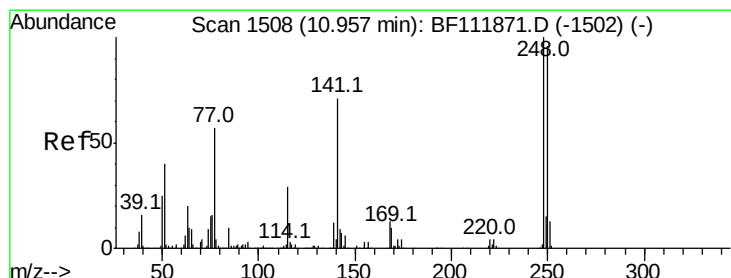
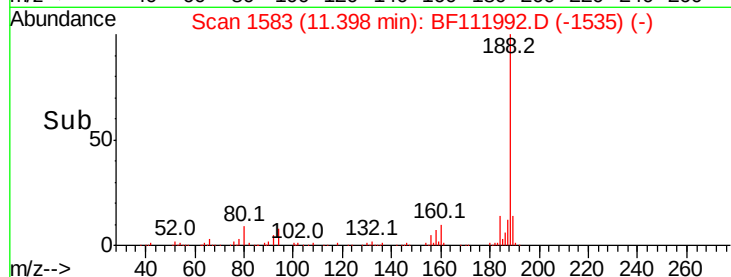
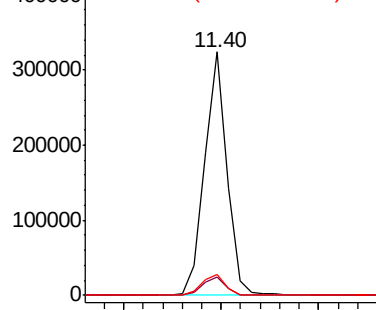
80 8.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.837 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF111992.D

Acq: 10 Jan 2019 17:28

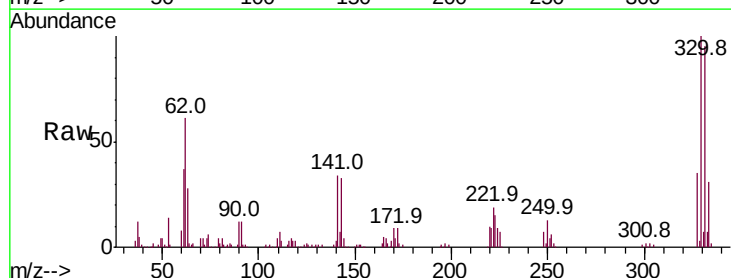
Tgt Ion:248 Resp: 9419

Ion Ratio Lower Upper

248 100

250 200.2 76.8 115.2#

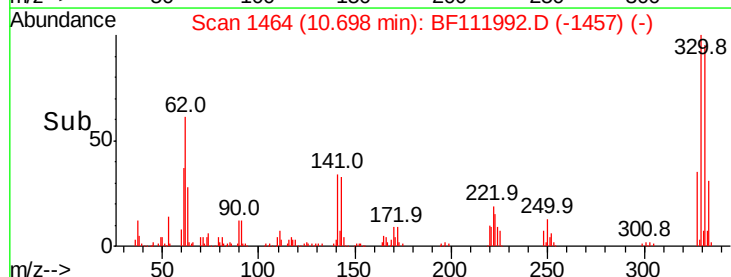
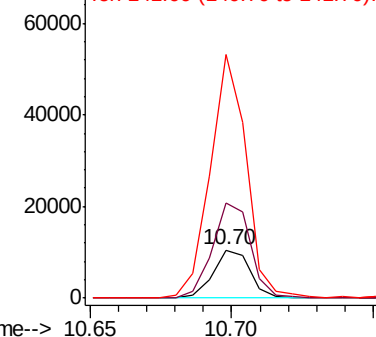
141 510.0 57.0 85.6#

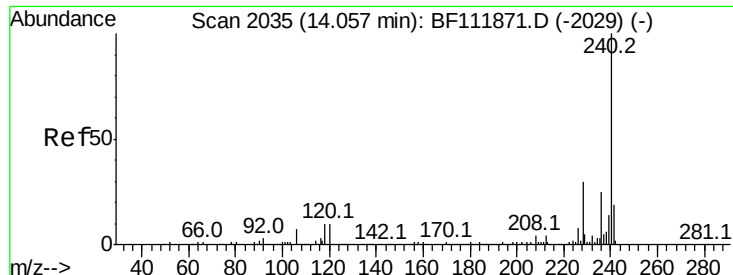


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

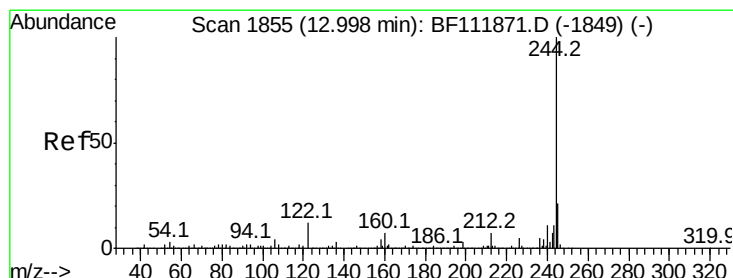
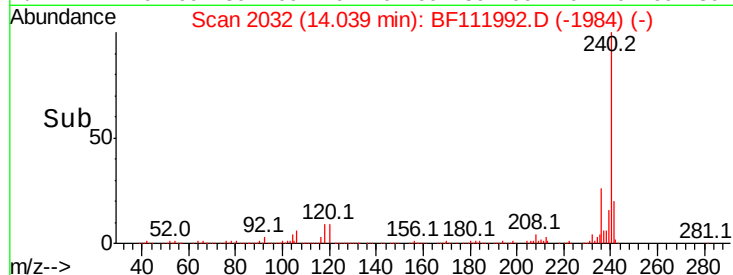
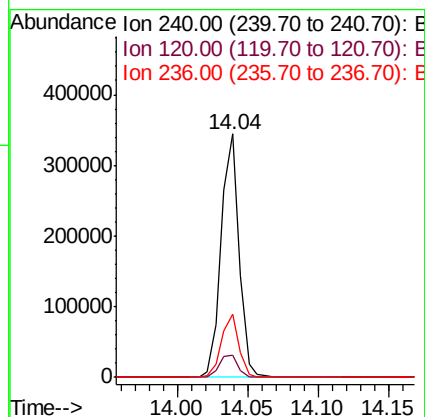
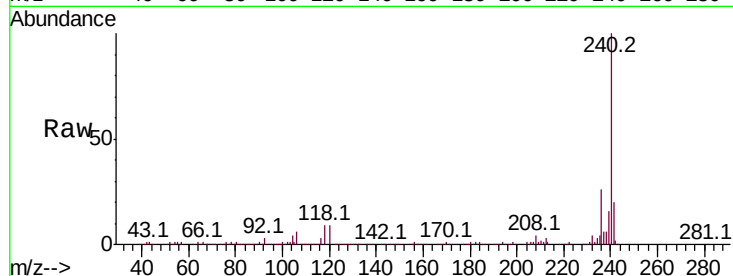




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111992.D
 Acq: 10 Jan 2019 17:28

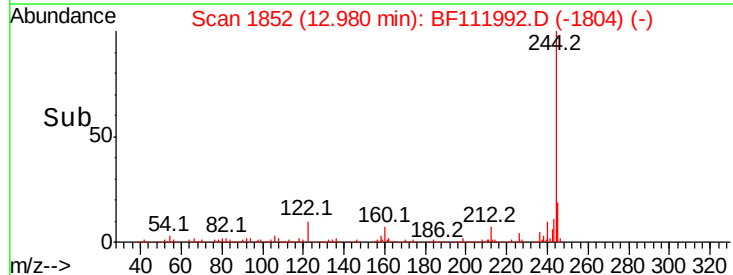
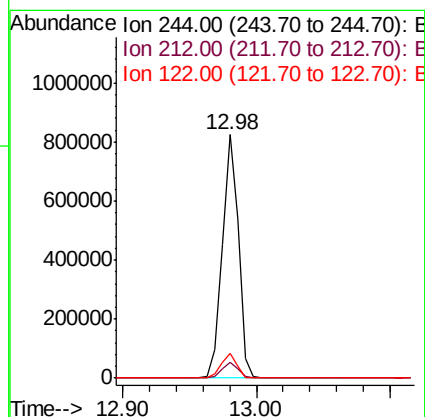
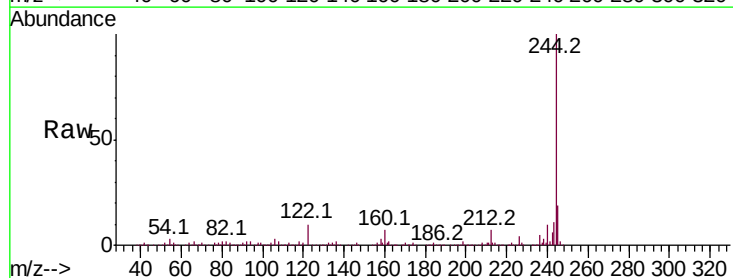
Instrument :
 BNA_F
 ClientSampleId :

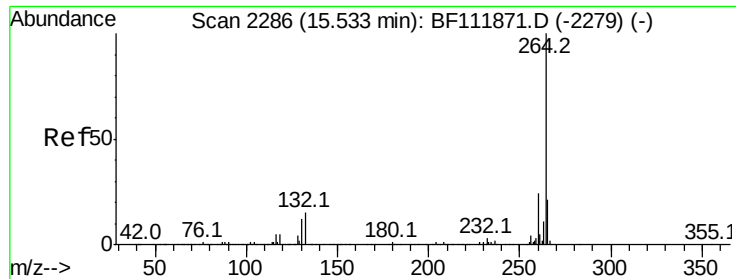
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.9	20.2	30.4



#79
 Terphenyl-d14
 Concen: 43.963 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF111992.D
 Acq: 10 Jan 2019 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	9.5	14.3





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111992.D
Acq: 10 Jan 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.1	25.7

