

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111984.D
 Acq On : 10 Jan 2019 13:46
 Operator : JU/SJ
 Sample : PB116203BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:50:49 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

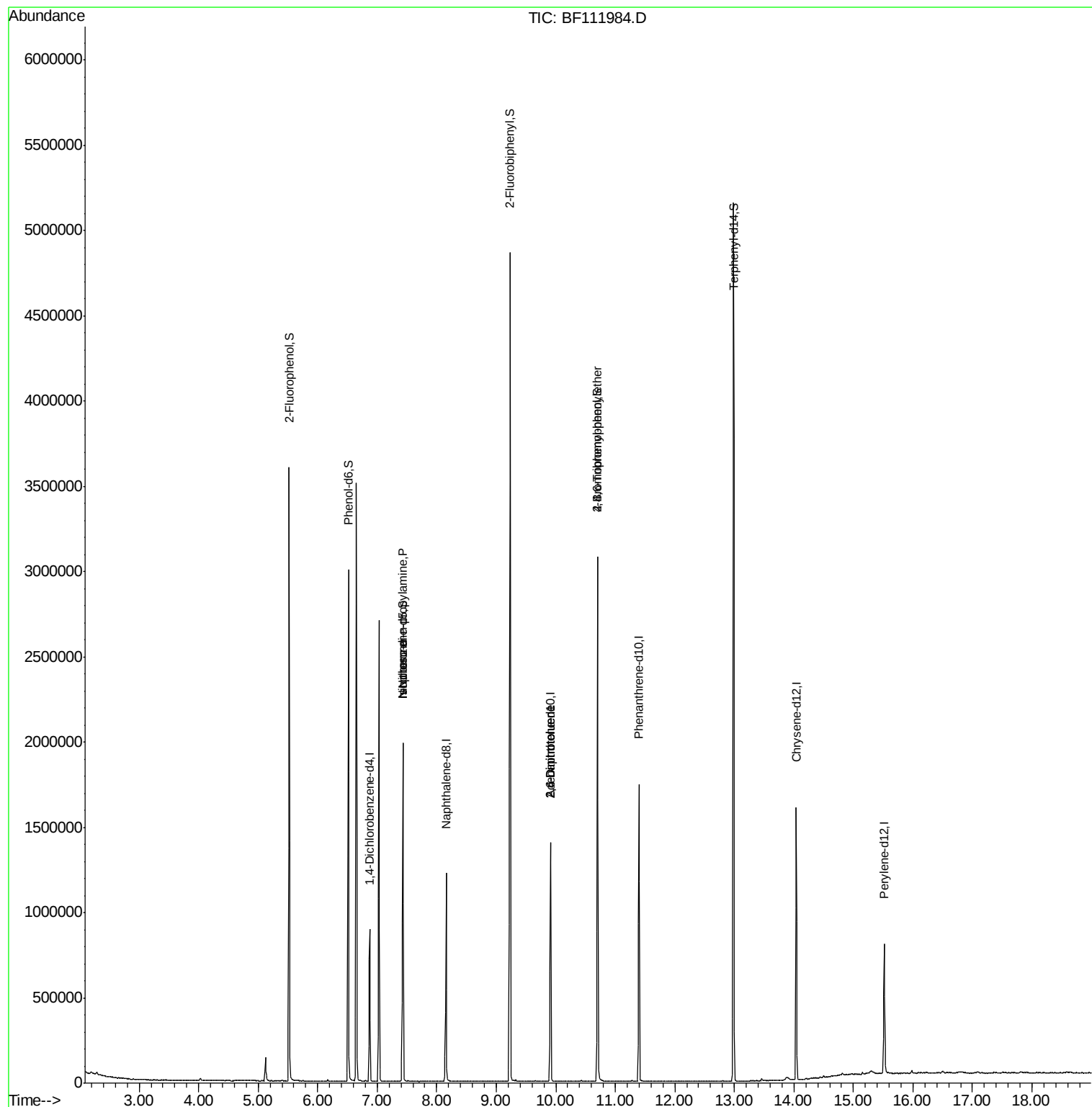
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134708	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	596542	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	314972	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	633544	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	528227	20.00	ng	-0.02
87) Perylene-d12	15.52	264	383127	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	952336	120.95	ng	0.00
7) Phenol-d6	6.52	99	1091275	107.53	ng	-0.02
23) Nitrobenzene-d5	7.43	82	730009	65.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	412084	100.59	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1646743	76.24	ng	-0.02
79) Terphenyl-d14	12.99	244	1927715	69.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	1685	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	97303	14.757 ng	#	78
25) Isophorone	7.43	82	722903	39.996 ng	#	65
51) 2,6-Dinitrotoluene	9.91	165	39090	7.388 ng	#	26
57) 2,4-Dinitrotoluene	9.91	165	39090	5.718 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	24434	2.978 ng	#	1

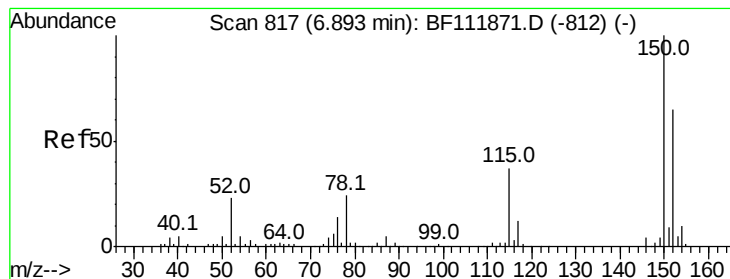
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111984.D
Acq On : 10 Jan 2019 13:46
Operator : JU/SJ
Sample : PB116203BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:50:49 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



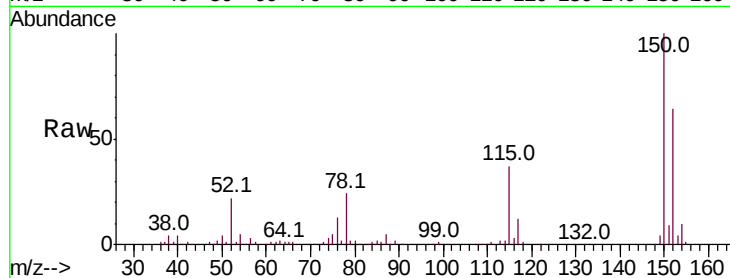


#1

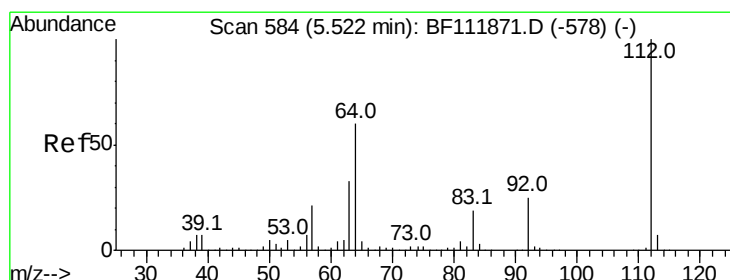
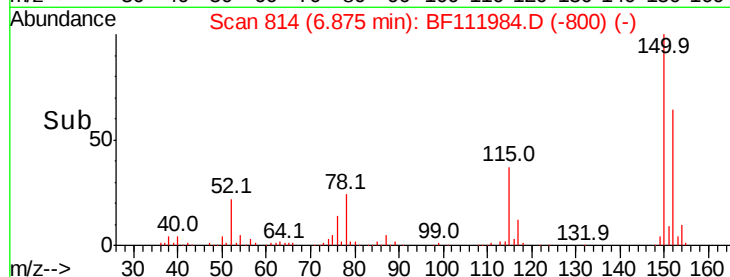
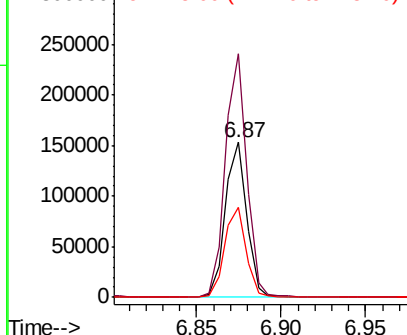
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134708
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 58.0 45.2 67.8



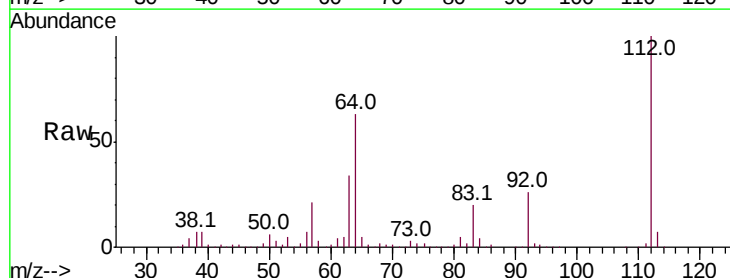
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



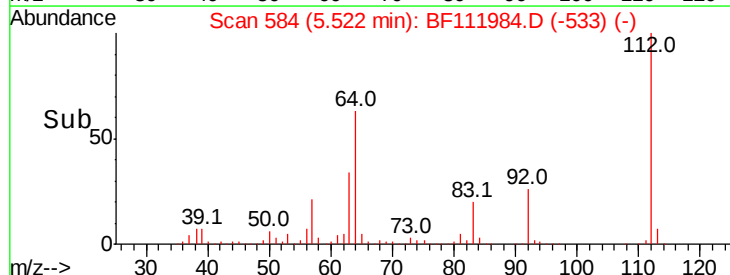
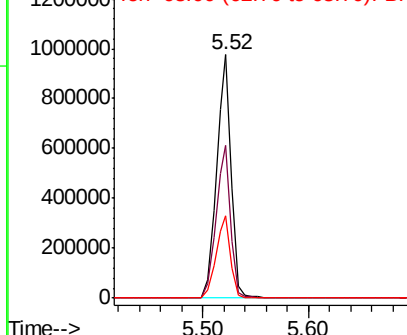
#5

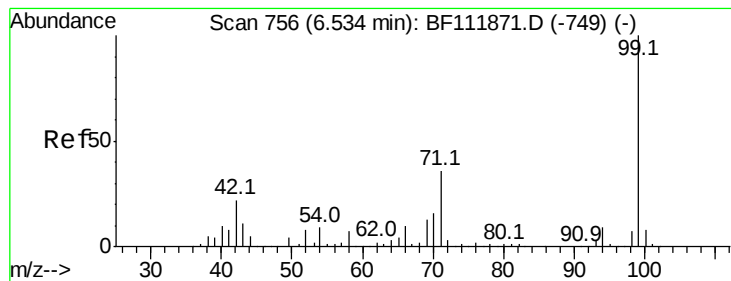
2-Fluorophenol
Concen: 120.948 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Tgt Ion:112 Resp: 952336
Ion Ratio Lower Upper
112 100
64 62.9 48.3 72.5
63 34.0 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: 107.530 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

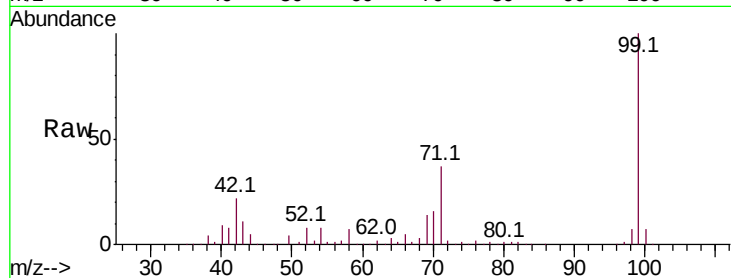
Tot Ion: 99 Resp: 1091275

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

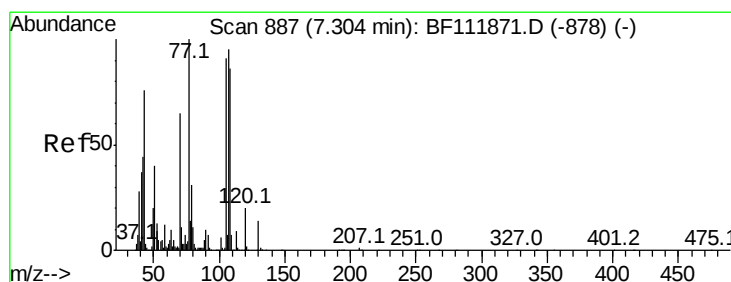
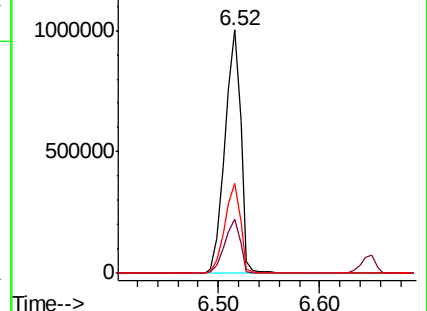
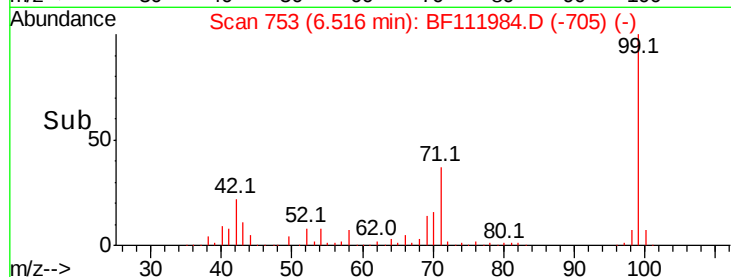
71 37.0 28.7 43.1



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: 14.757 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Tgt Ion: 70 Resp: 97303

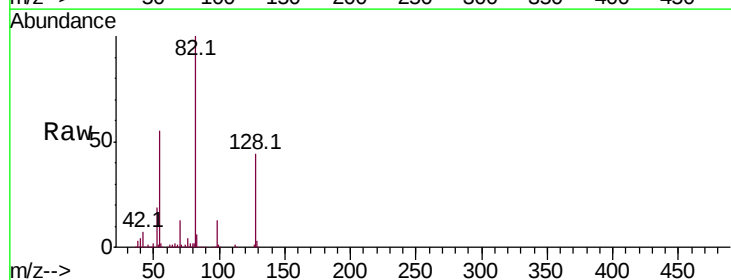
Ion Ratio Lower Upper

70 100

42 54.7 53.6 80.4

101 0.0 7.3 10.9#

130 2.3 16.8 25.2#

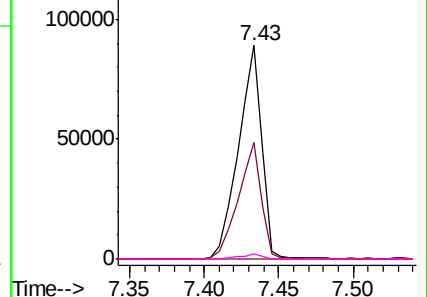
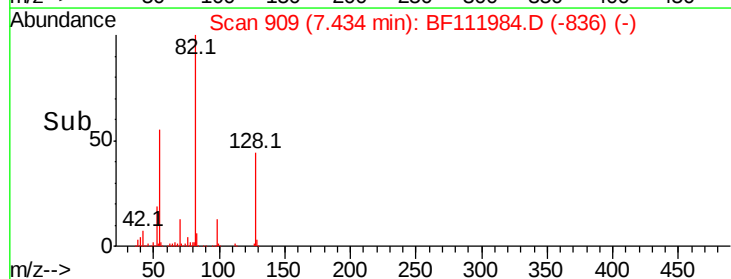


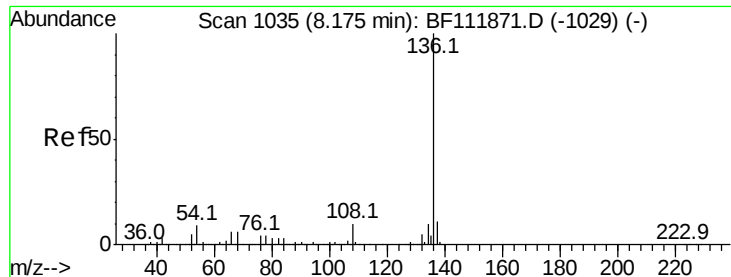
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 596542

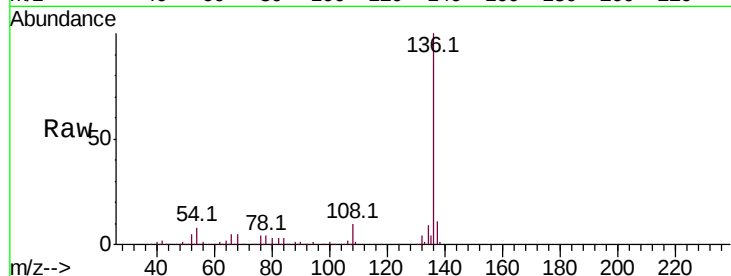
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.4 7.2 10.8

68 5.3 4.4 6.6

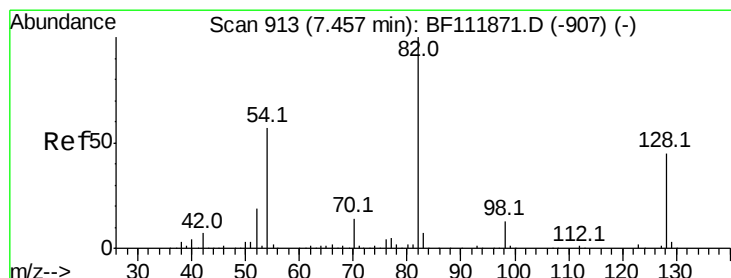
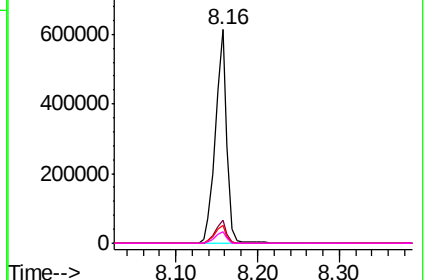
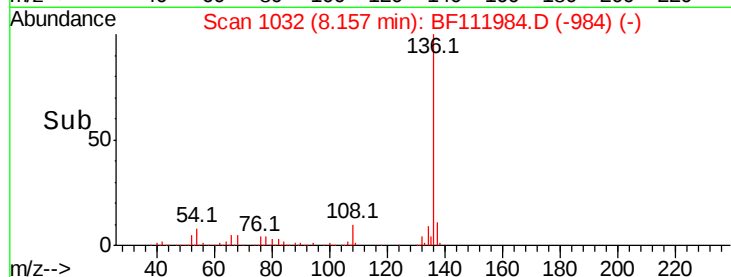


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.403 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

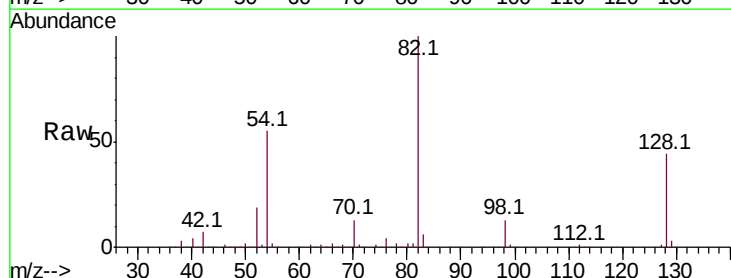
Tgt Ion: 82 Resp: 730009

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

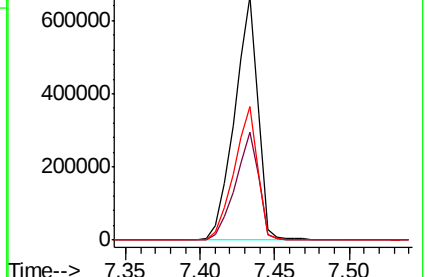
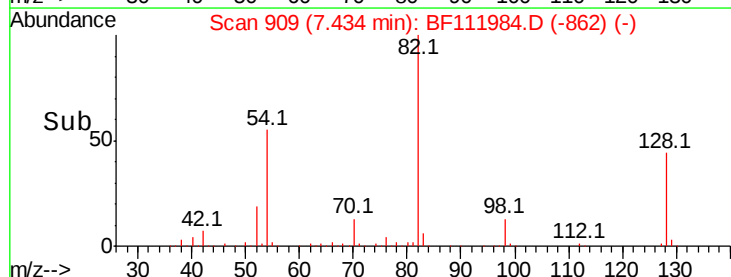
54 55.0 45.8 68.8

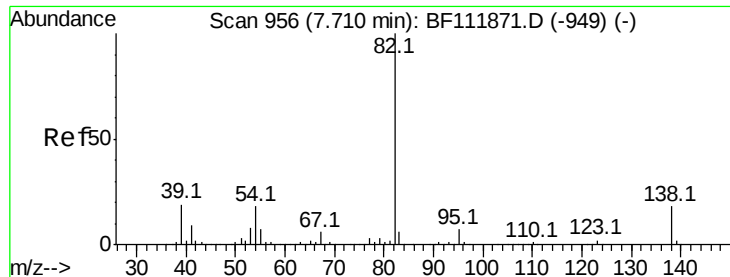


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

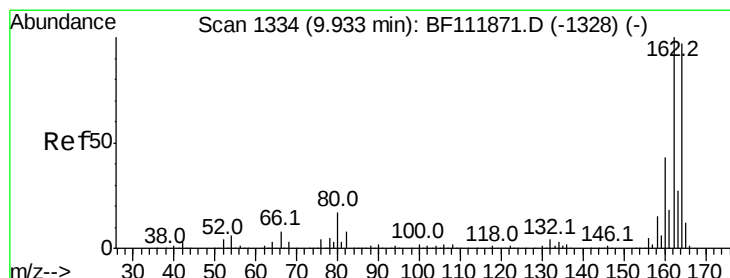
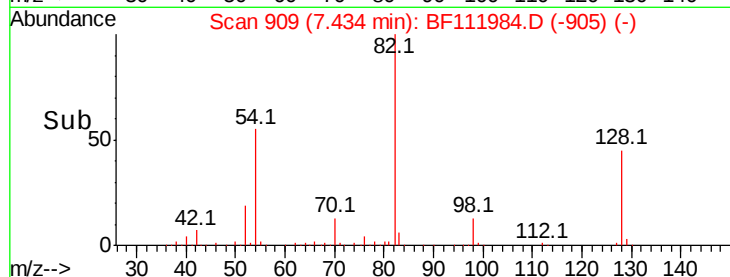
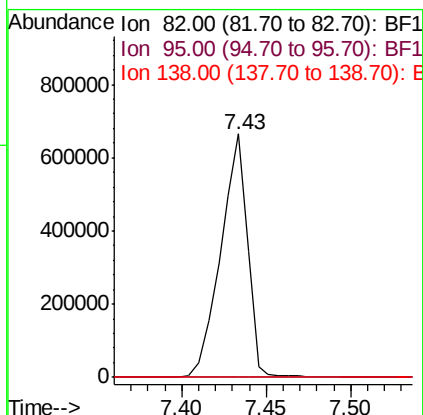
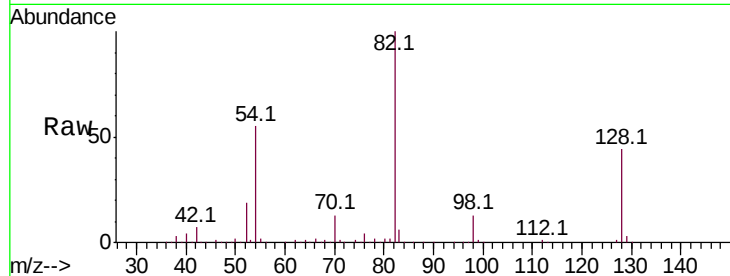




#25
Isophorone
Concen: 39.996 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

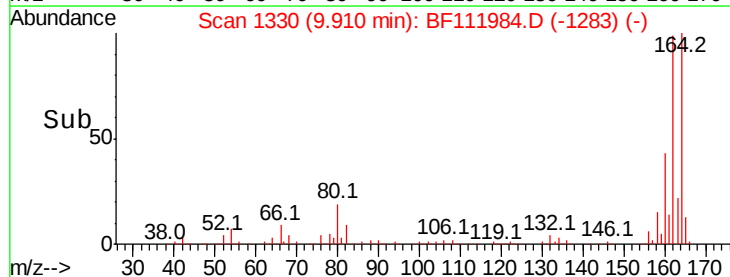
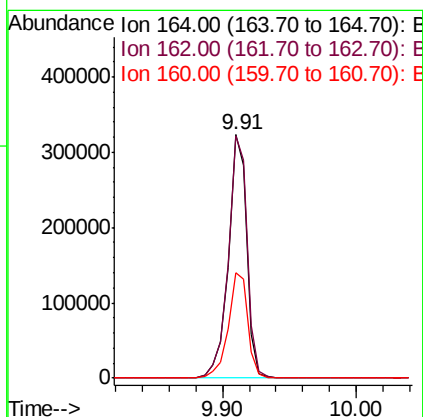
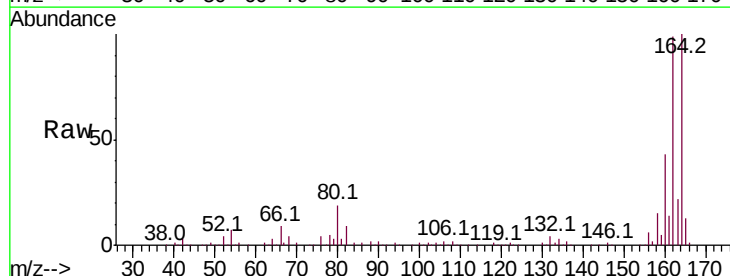
Instrument :
BNA_F
ClientSampleId :

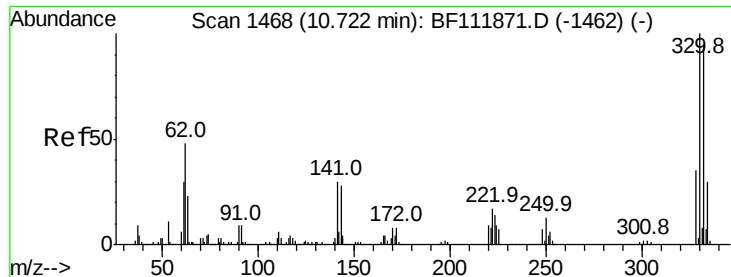
Tot Ion: 82 Resp: 722903
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111984.D
Acq: 10 Jan 2019 13:46

Tgt Ion: 164 Resp: 314972
Ion Ratio Lower Upper
164 100
162 99.3 82.2 123.2
160 43.1 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 100.586 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampled :

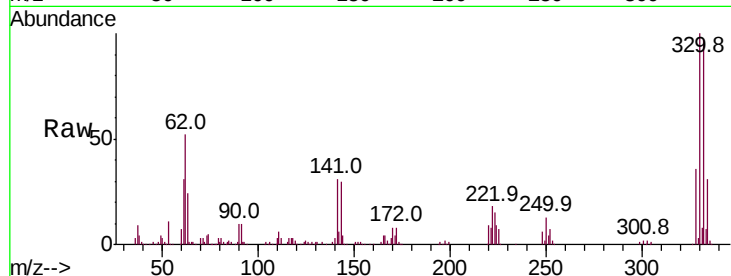
Tot Ion:330 Resp: 412084

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

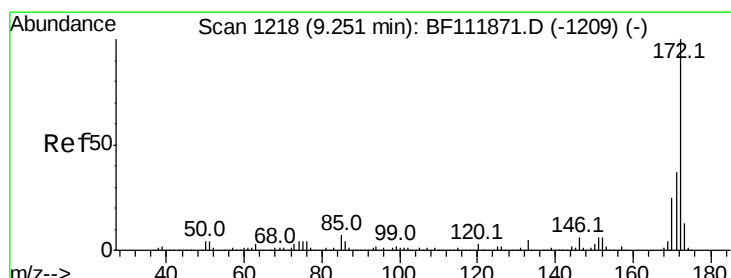
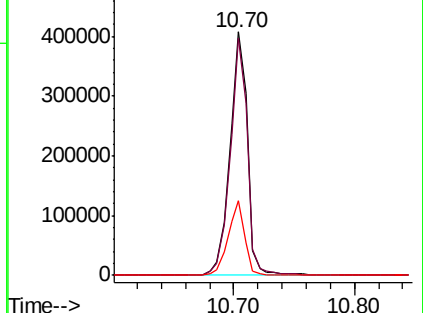
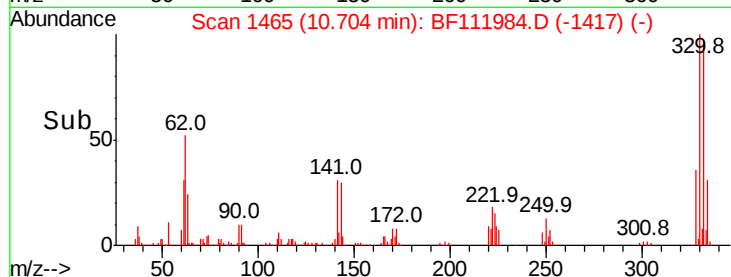
141 29.2 23.7 35.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 76.238 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

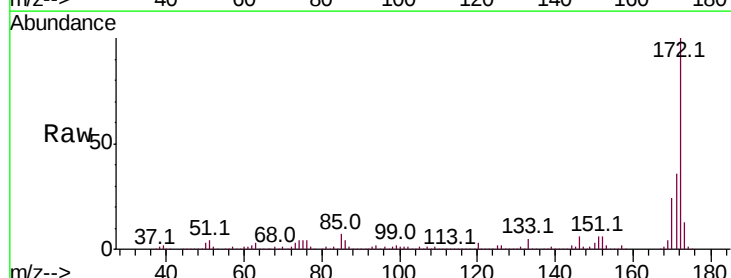
Tgt Ion:172 Resp: 1646743

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

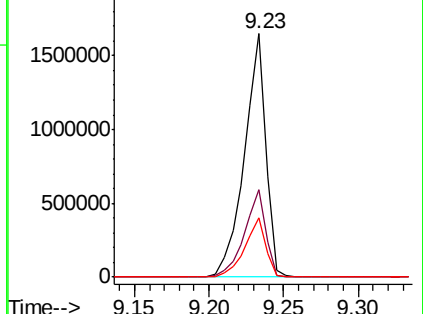
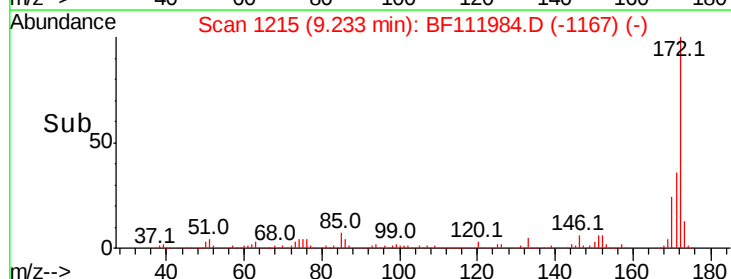
170 24.3 19.8 29.8

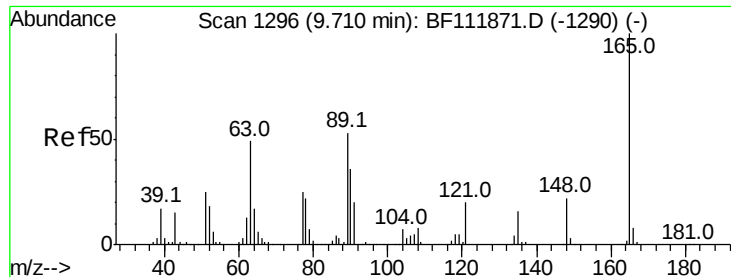


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.388 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.20 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

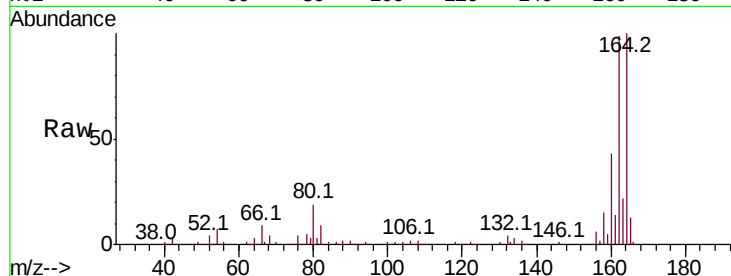
Tot Ion:165 Resp: 39090

Ion Ratio Lower Upper

165 100

63 1.3 46.2 69.2#

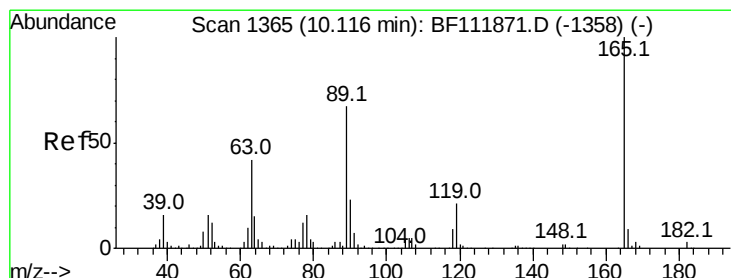
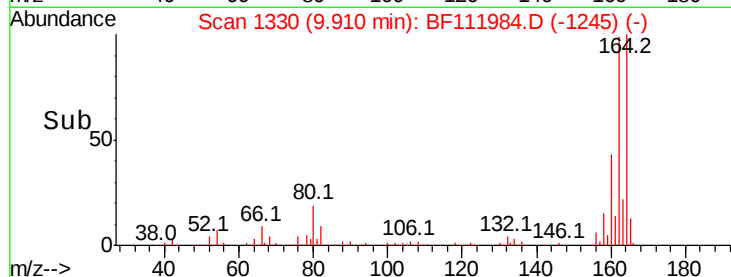
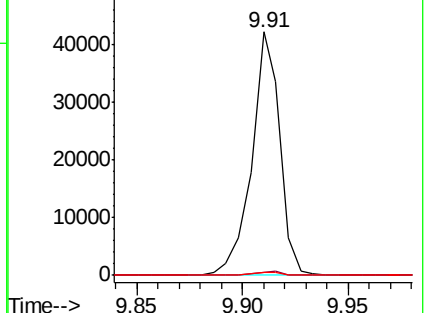
89 1.4 42.2 63.2#



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



#57

2,4-Dinitrotoluene

Concen: 5.718 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.21 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Tgt Ion:165 Resp: 39090

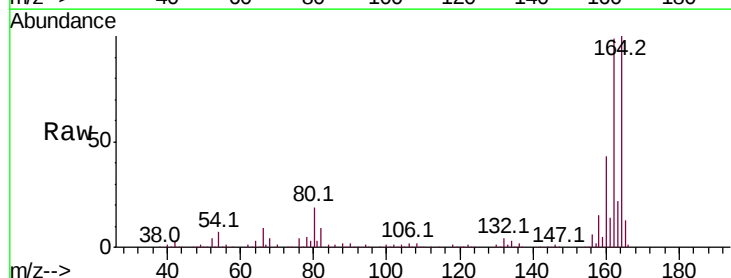
Ion Ratio Lower Upper

165 100

63 1.3 34.1 51.1#

89 1.4 53.5 80.3#

182 0.0 2.0 3.0#

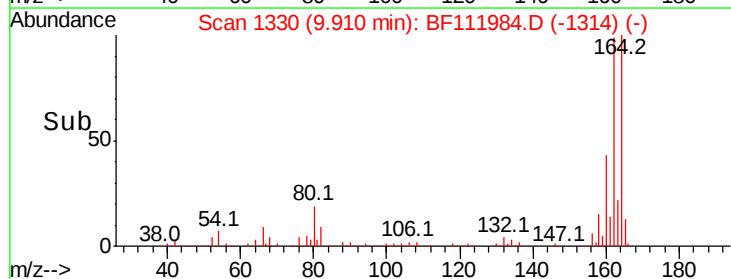
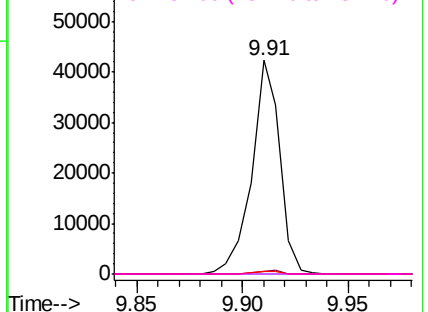


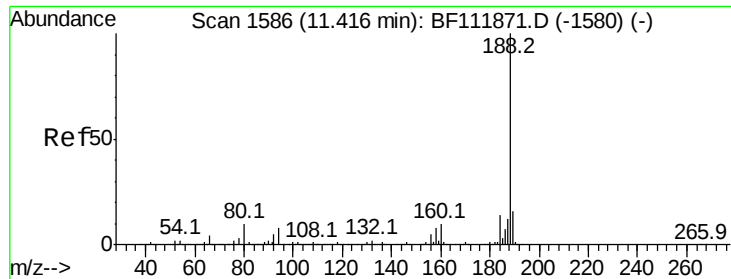
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111984.D

Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

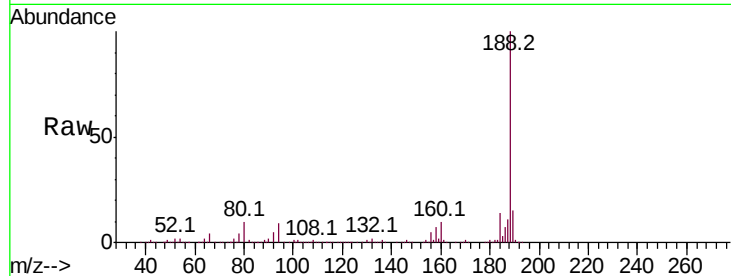
Tot Ion:188 Resp: 633544

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

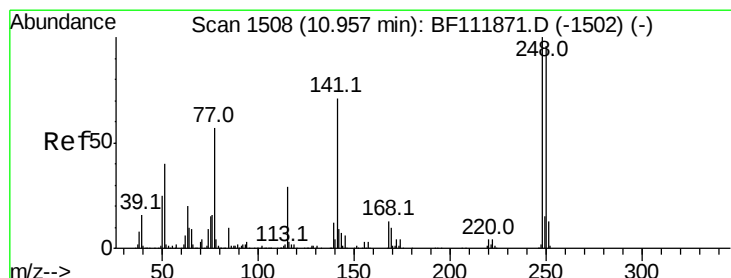
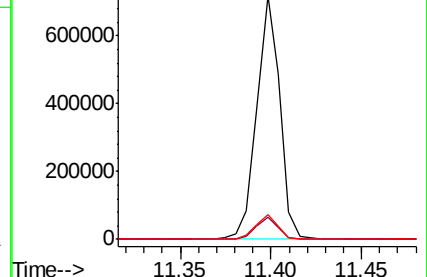
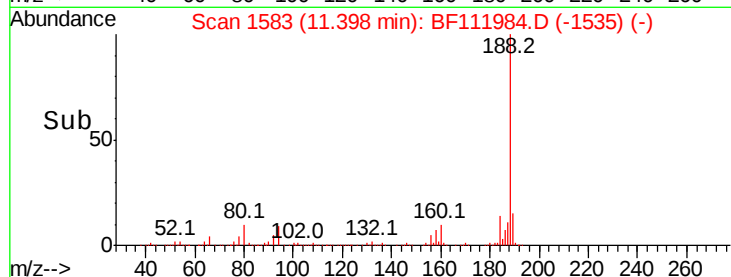
80 10.2 7.7 11.5



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: 2.978 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

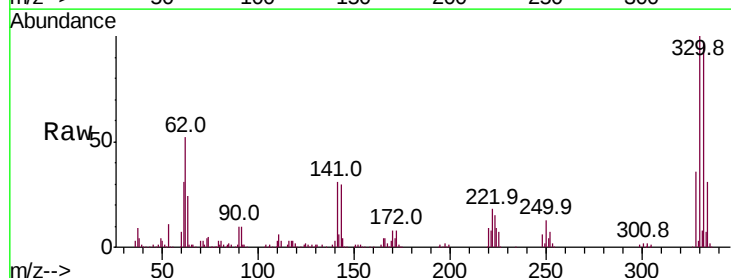
Tgt Ion:248 Resp: 24434

Ion Ratio Lower Upper

248 100

250 209.2 76.8 115.2#

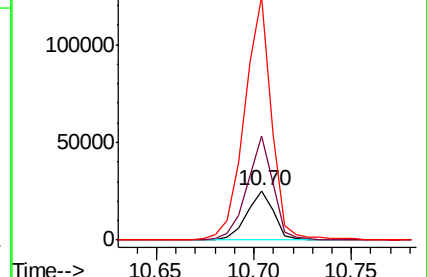
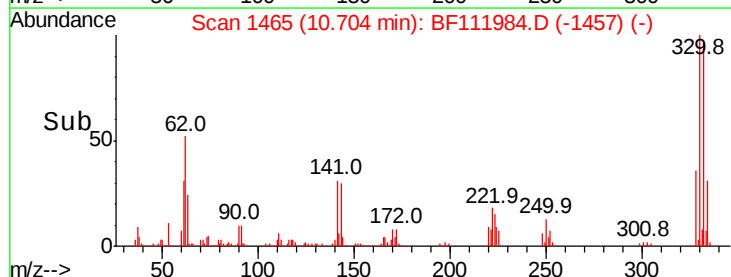
141 490.3 57.0 85.6#

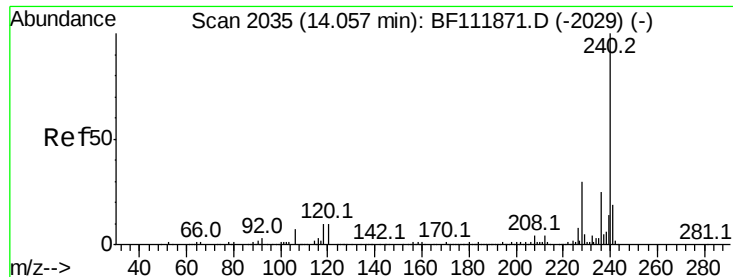


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF111984.D

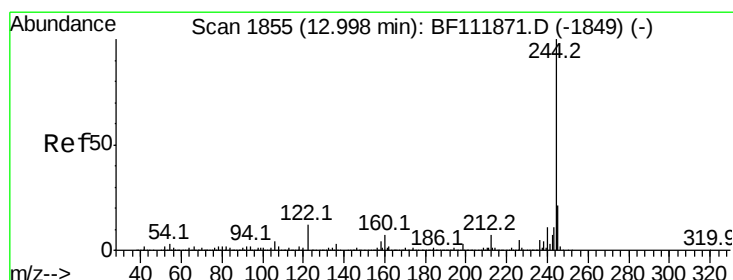
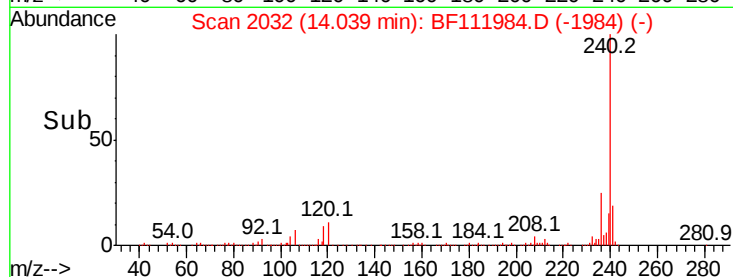
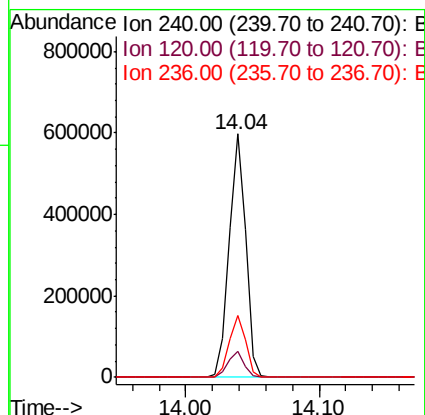
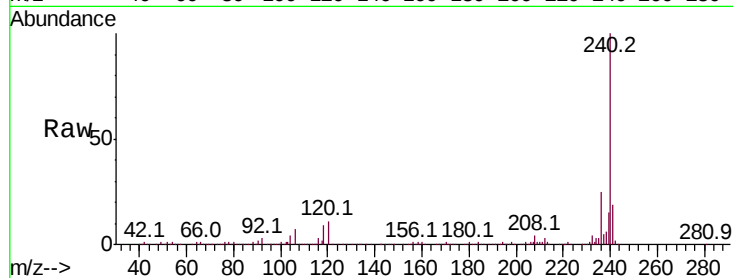
Acq: 10 Jan 2019 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	528227
Ion Ratio	Lower	Upper
240	100	
120	10.6	8.2 12.2
236	25.4	20.2 30.4



#79

Terphenyl-d14

Concen: 69.274 ng

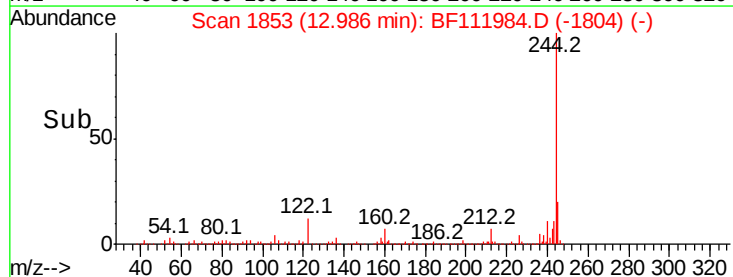
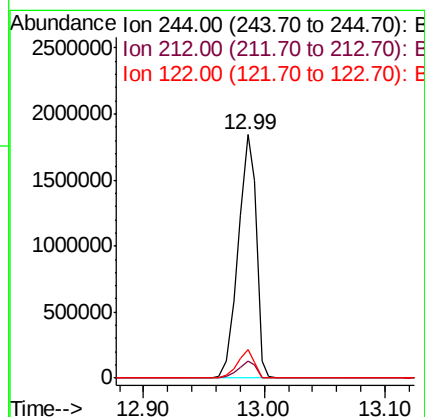
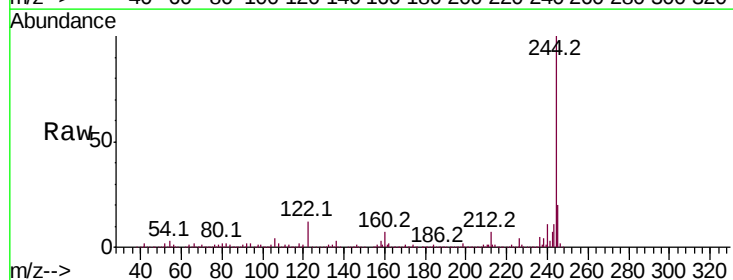
RT: 12.99 min Scan# 1853

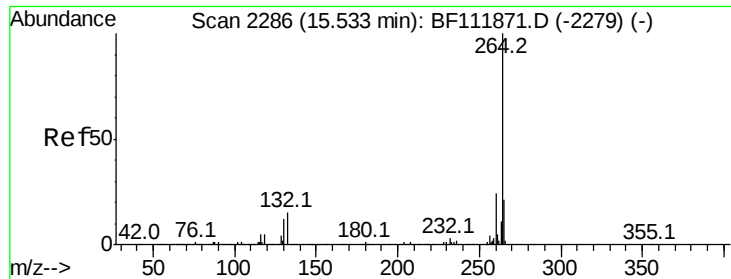
Delta R.T. -0.01 min

Lab File: BF111984.D

Acq: 10 Jan 2019 13:46

Tgt Ion:244	Resp:	1927715
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.8
122	11.8	9.5 14.3

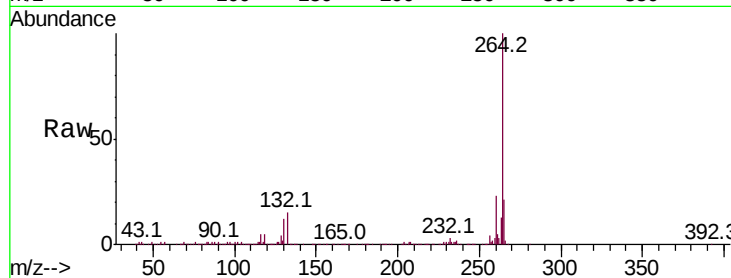




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF111984.D
 Acq: 10 Jan 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	383127
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 400000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

