

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111980.D
 Acq On : 10 Jan 2019 6:13
 Operator : JU/SJ
 Sample : K1082-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 06:56:15 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

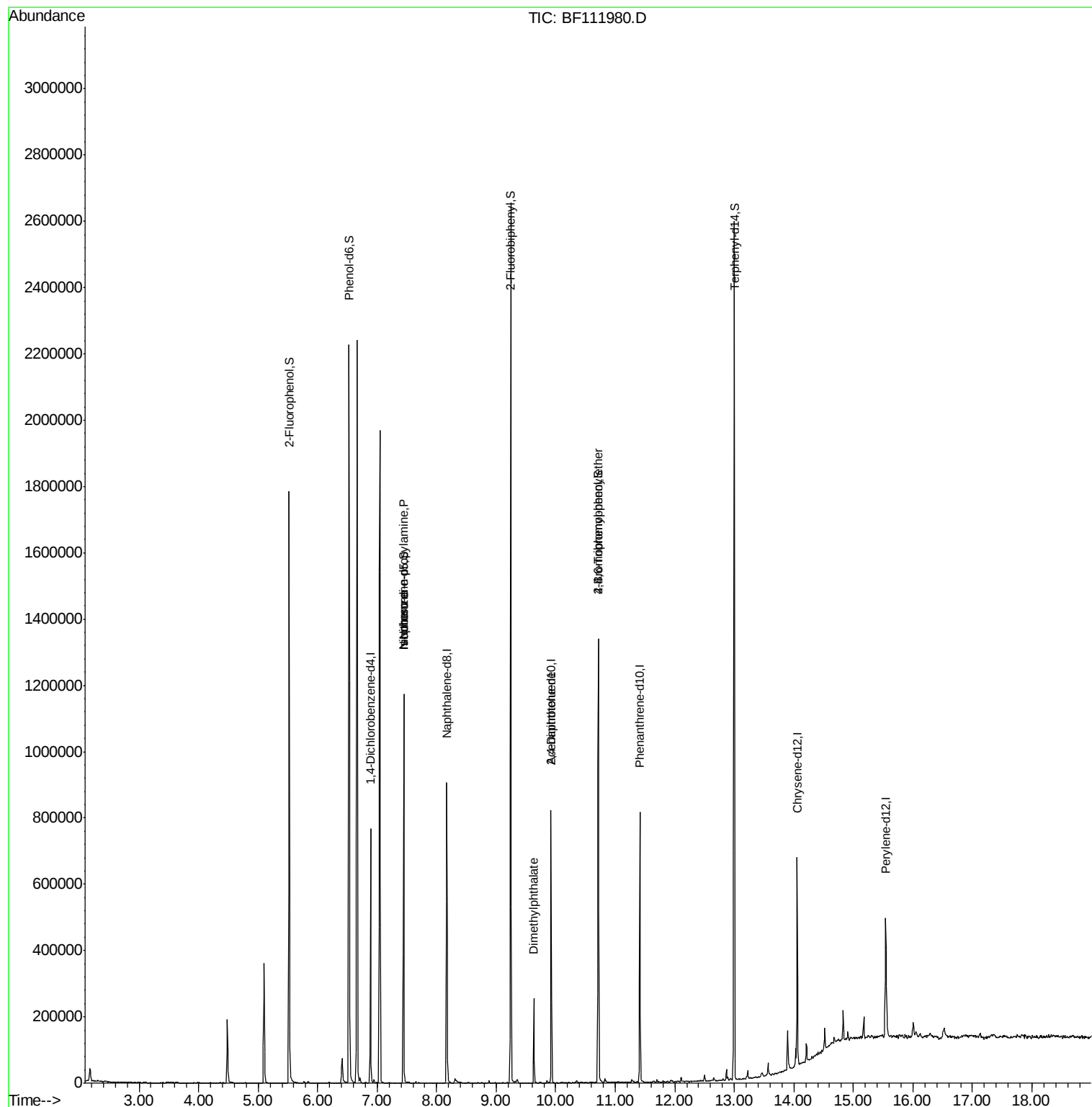
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105774	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	371521	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	166739	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	319972	20.00	ng	0.00
76) Chrysene-d12	14.06	240	206084	20.00	ng	0.00
87) Perylene-d12	15.54	264	167081	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	467972	75.69	ng	0.00
7) Phenol-d6	6.53	99	693249	87.00	ng	0.00
23) Nitrobenzene-d5	7.45	82	354110	50.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	157754	72.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	855349	74.80	ng	0.00
79) Terphenyl-d14	13.00	244	855202	78.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1128	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.45	70	46606	9.001 ng	#	76
25) Isophorone	7.45	82	354107	31.458 ng	#	65
50) Dimethylphthalate	9.63	163	105870	8.452 ng		99
57) 2,4-Dinitrotoluene	9.92	165	21808	6.025 ng	#	25
67) 4-Bromophenyl-phenylether	10.72	248	9588	2.314 ng	#	1

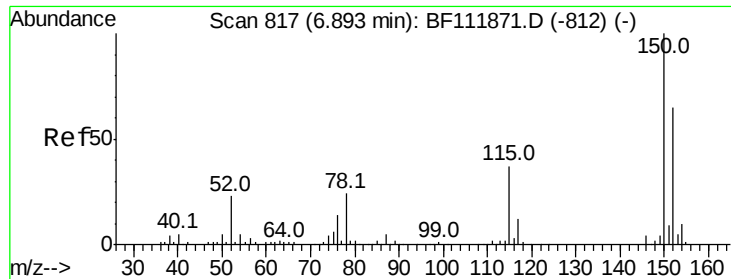
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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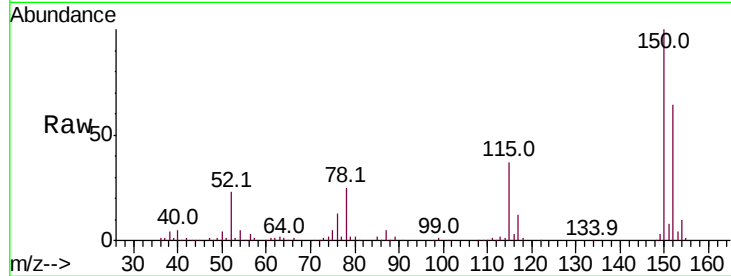


#1

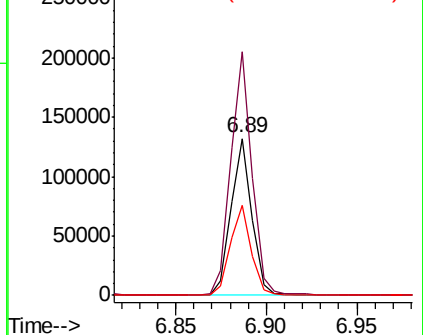
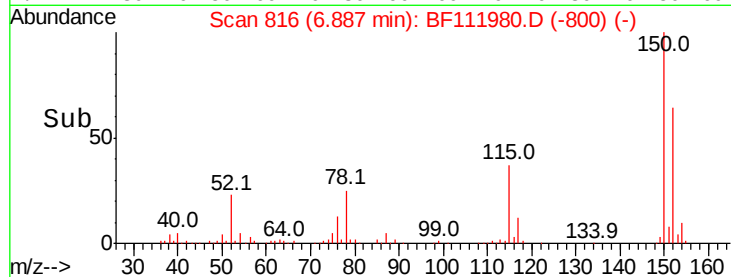
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105774
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 57.8 45.2 67.8



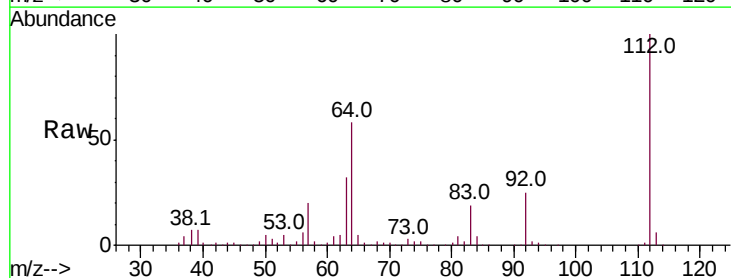
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



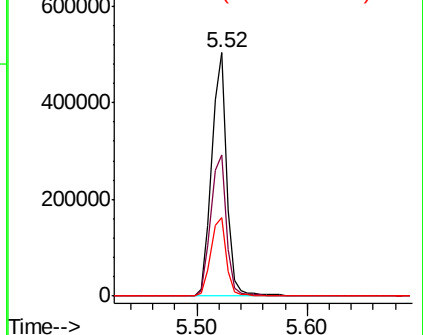
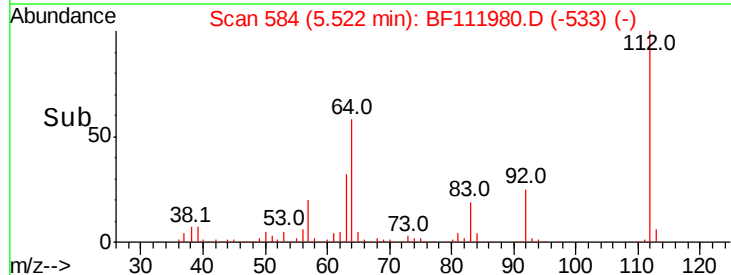
#5

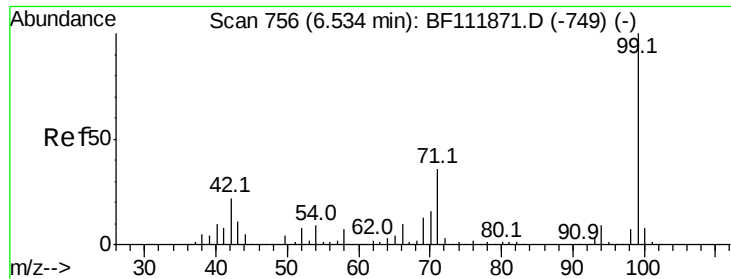
2-Fluorophenol
Concen: 75.691 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Tgt Ion:112 Resp: 467972
Ion Ratio Lower Upper
112 100
64 58.3 48.3 72.5
63 32.3 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: 86.996 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampled :

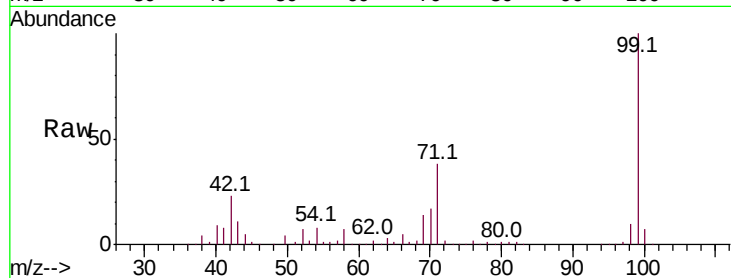
Tot Ion: 99 Resp: 693249

Ion Ratio Lower Upper

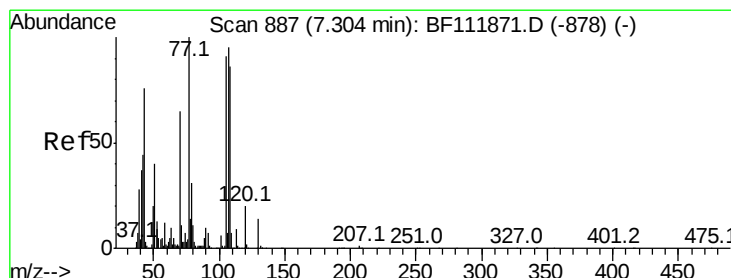
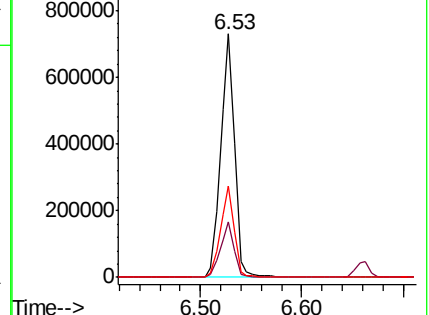
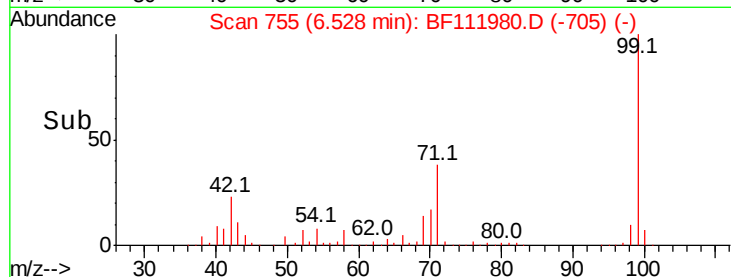
99 100

42 22.6 17.9 26.9

71 37.6 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: 9.001 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Tgt Ion: 70 Resp: 46606

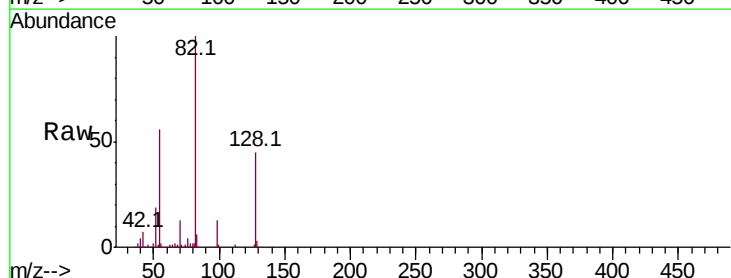
Ion Ratio Lower Upper

70 100

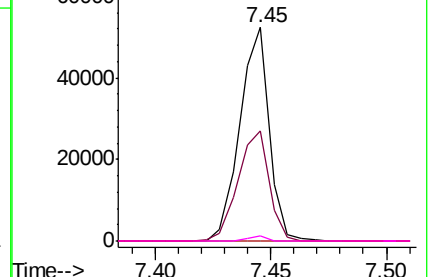
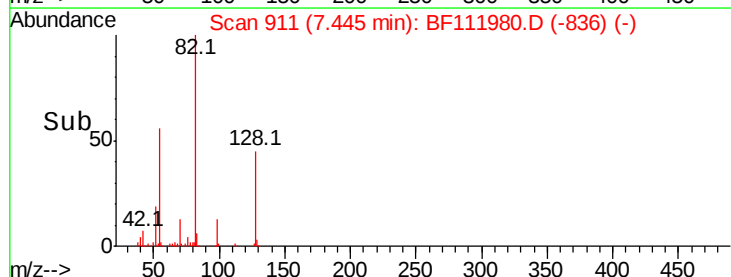
42 51.4 53.6 80.4#

101 0.0 7.3 10.9#

130 2.6 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

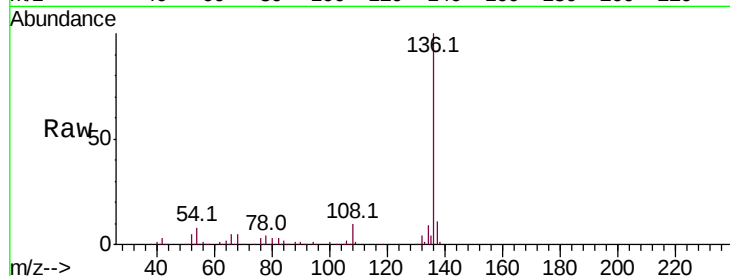




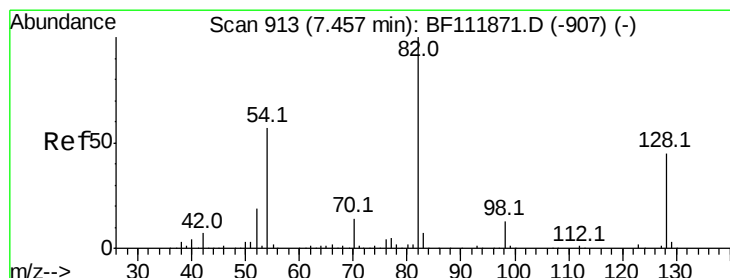
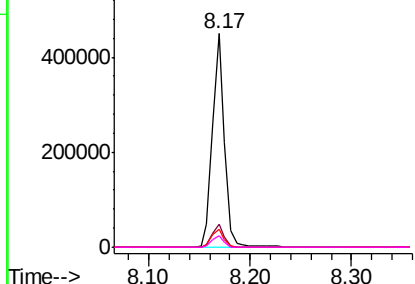
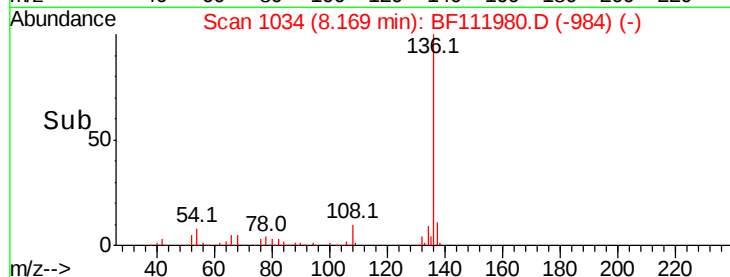
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	371521
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	8.4	7.2 10.8
68	5.3	4.4 6.6

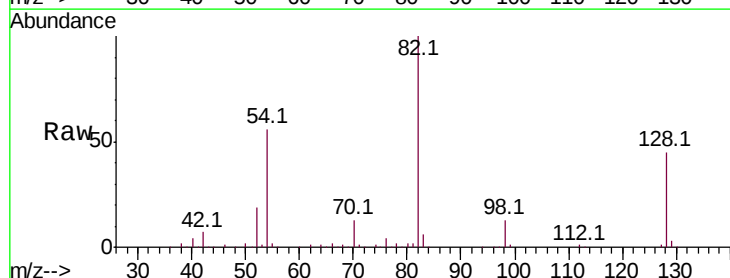


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

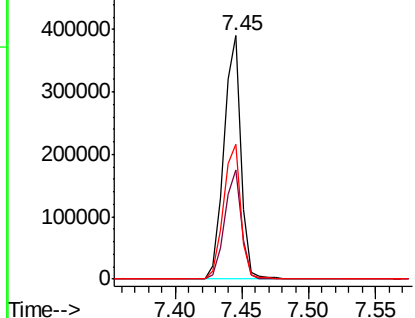
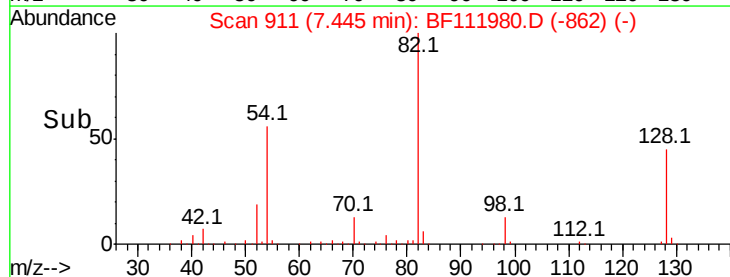


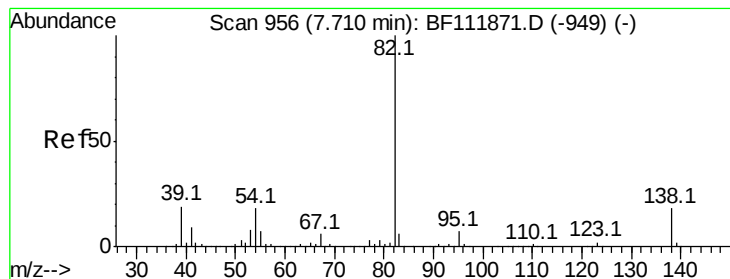
#23
Nitrobenzene-d5
Concen: 50.941 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Tgt Ion: 82	Resp:	354110
Ion Ratio	Lower	Upper
82	100	
128	44.7	35.7 53.5
54	55.5	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: 31.458 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampleId :

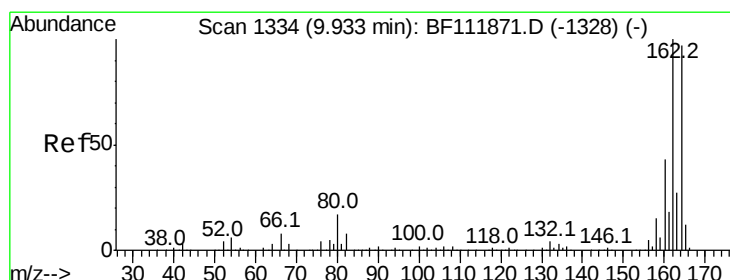
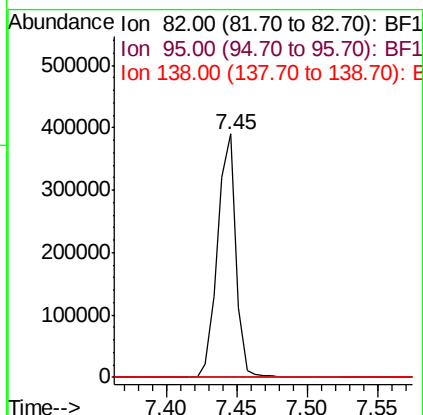
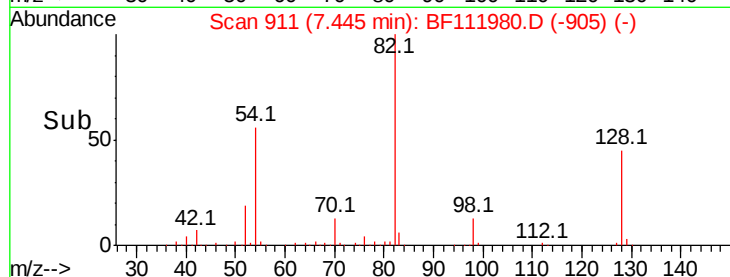
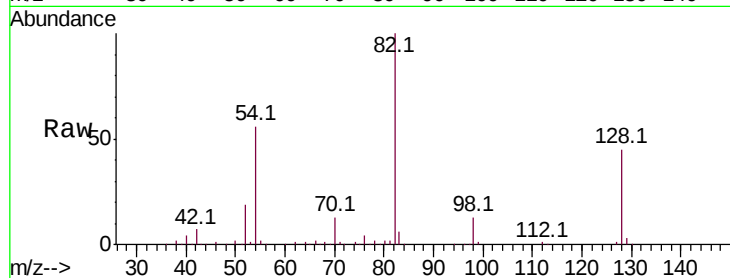
Tot Ion: 82 Resp: 354107

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

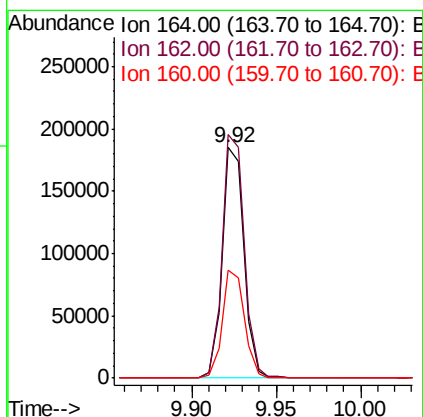
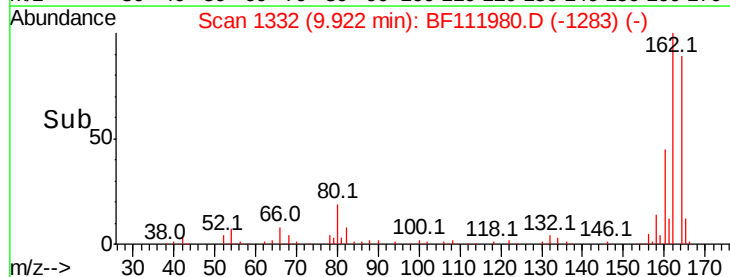
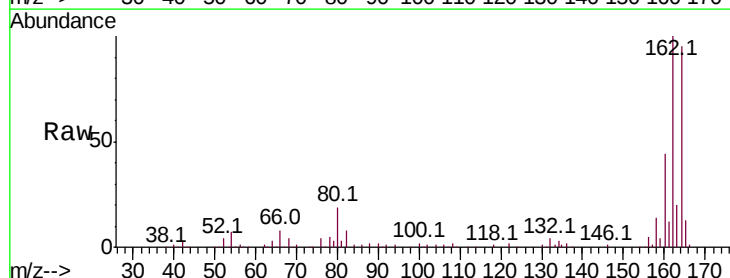
Tgt Ion: 164 Resp: 166739

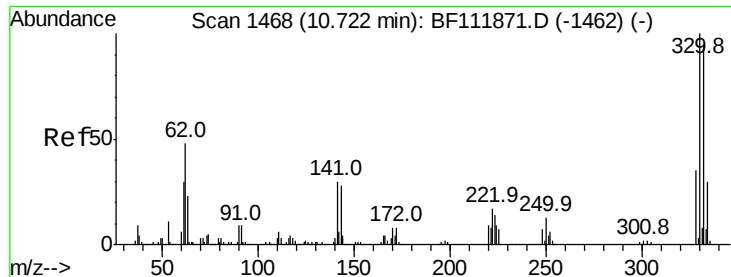
Ion Ratio Lower Upper

164 100

162 105.5 82.2 123.2

160 46.7 35.5 53.3

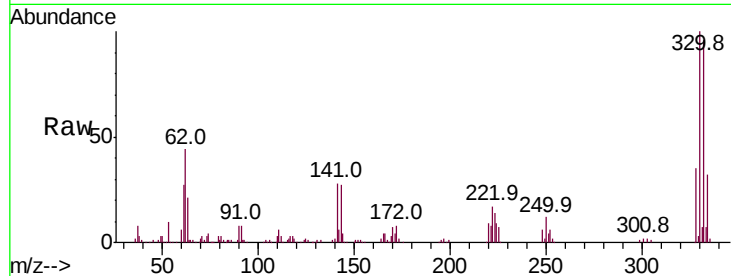




#42
 2,4,6-Tribromophenol
 Concen: 72.739 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp	157754		
Ratio	100	96.3	29.5
Lower		76.9	23.7
Upper		115.3	35.5

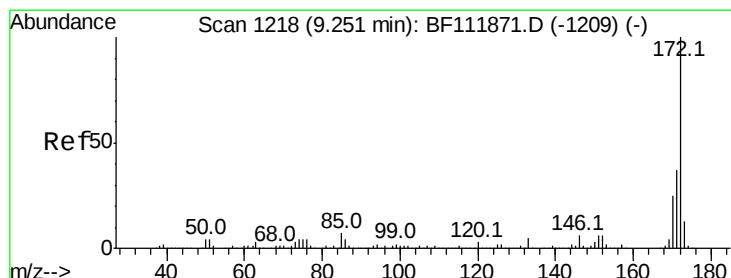
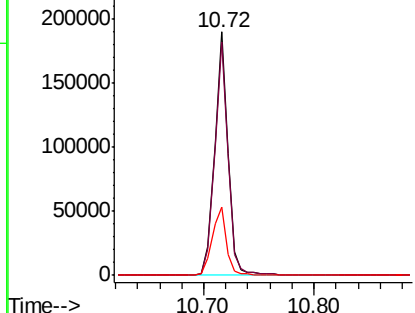
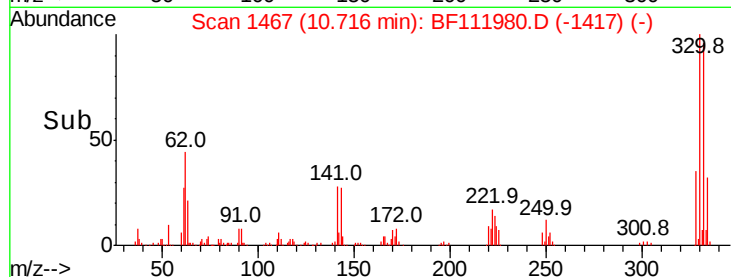


Abundance

Ion 329.80 (329.50 to 330.50): E

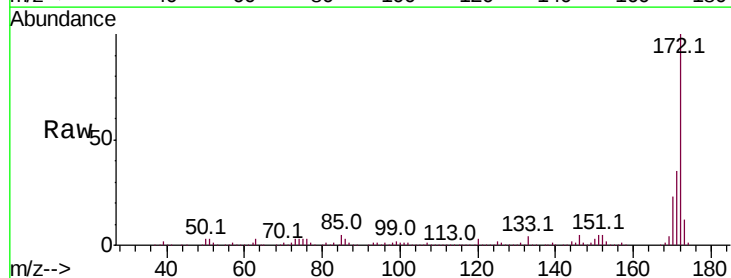
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.804 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Tgt Ion	172	171	170
Resp	855349		
Ratio	100	35.1	23.1
Lower		29.6	19.8
Upper		44.4	29.8

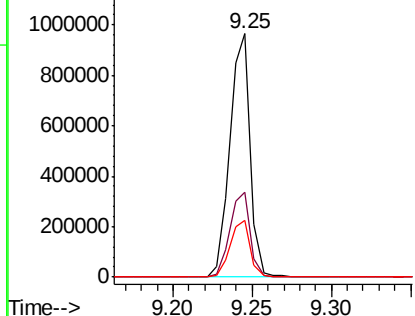
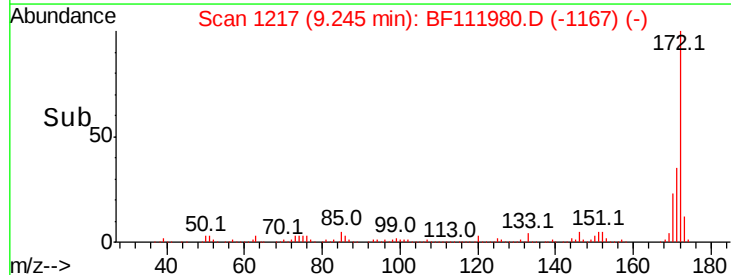


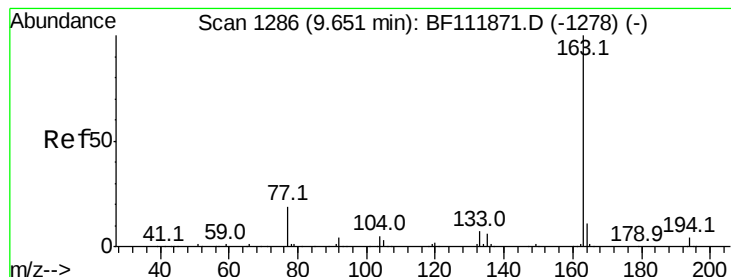
Abundance

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





#50

Dimethylphthalate

Concen: 8.452 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampleId :

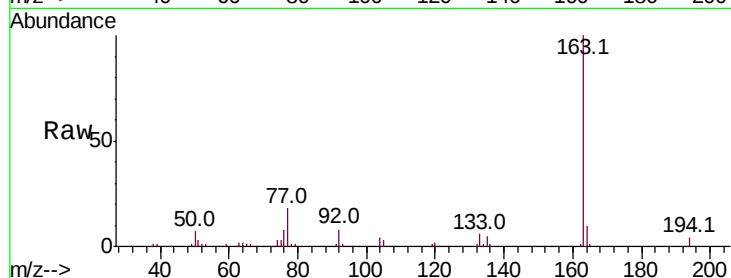
Tot Ion:163 Resp: 105870

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

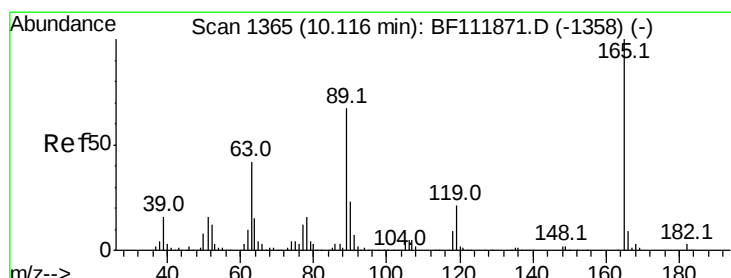
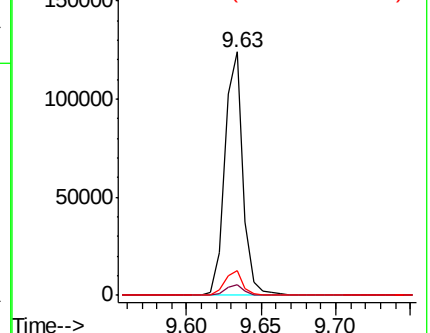
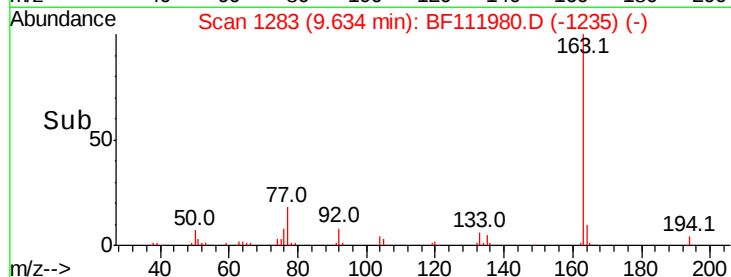
164 10.2 8.5 12.7



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: 6.025 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Tgt Ion:165 Resp: 21808

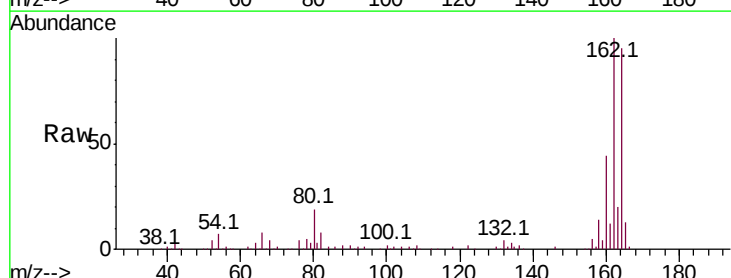
Ion Ratio Lower Upper

165 100

63 1.3 34.1 51.1#

89 0.0 53.5 80.3#

182 0.0 2.0 3.0#

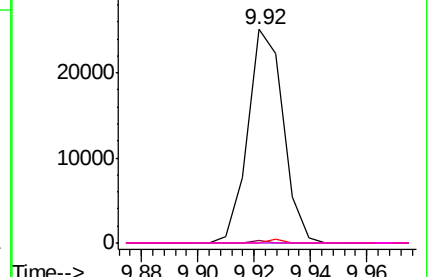
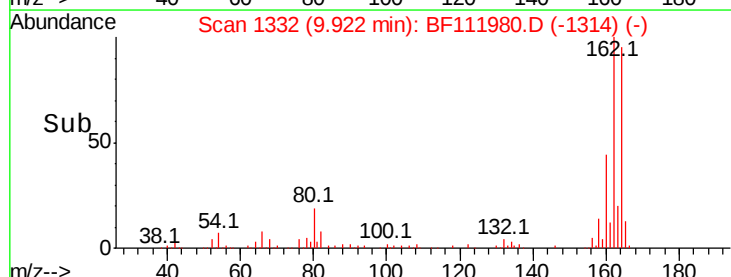


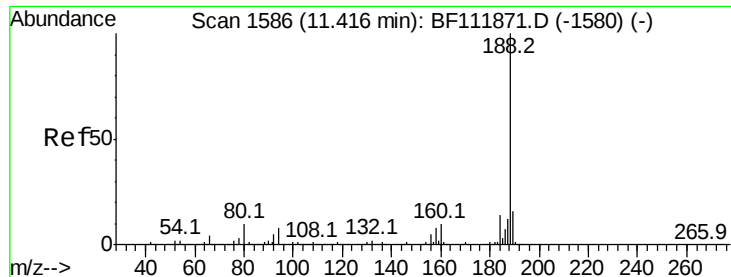
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampled :

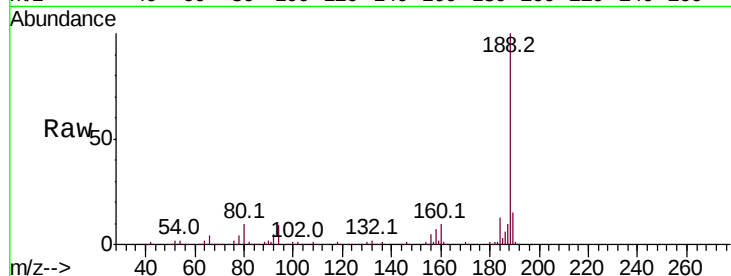
Tot Ion:188 Resp: 319972

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

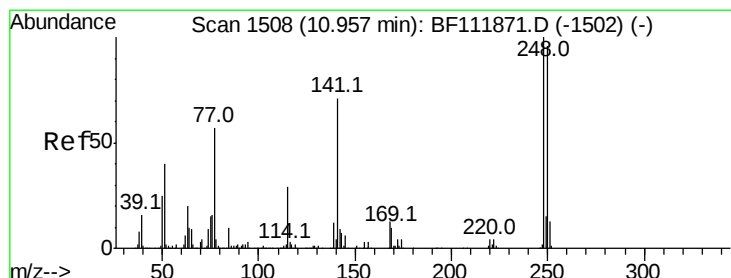
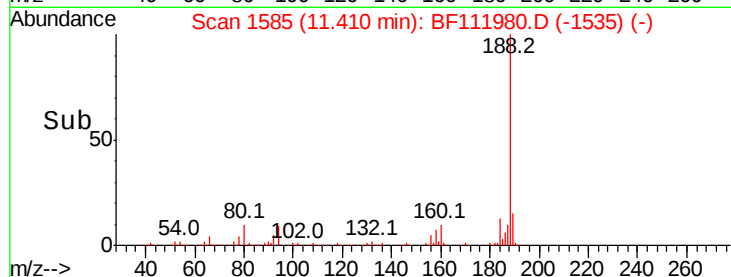
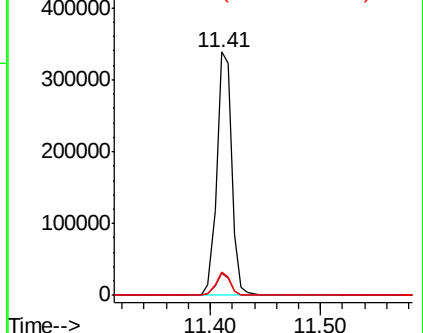
80 9.8 7.7 11.5



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: 2.314 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

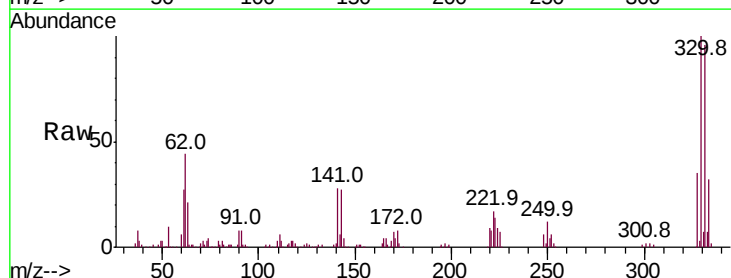
Tgt Ion:248 Resp: 9588

Ion Ratio Lower Upper

248 100

250 189.3 76.8 115.2#

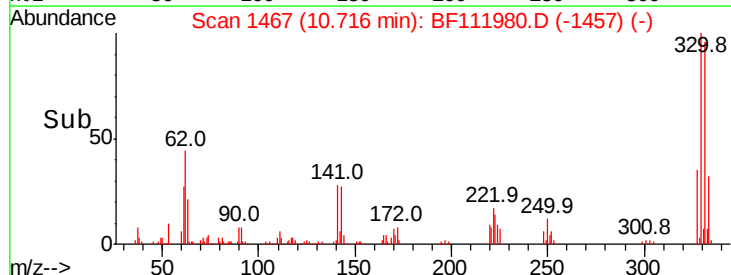
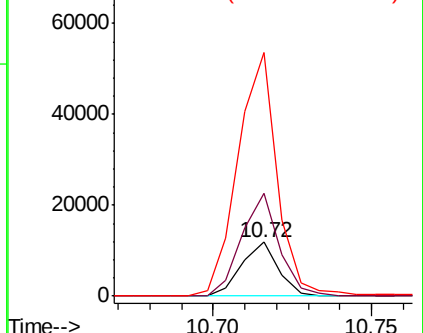
141 450.9 57.0 85.6#

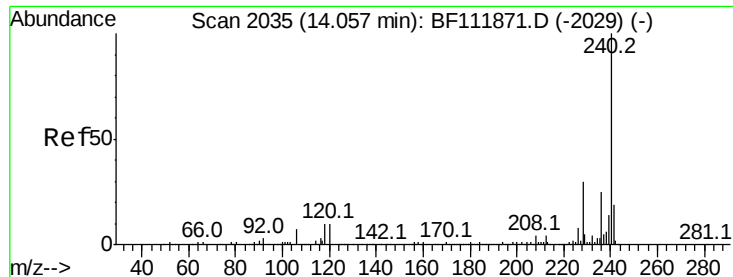


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

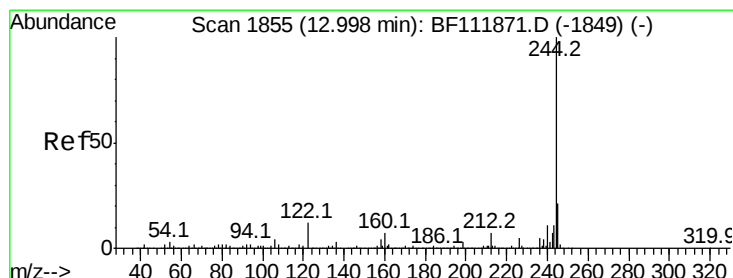
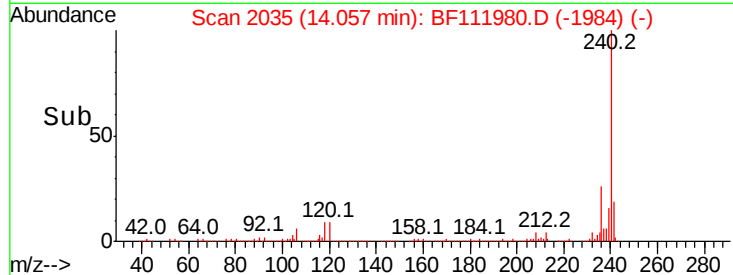
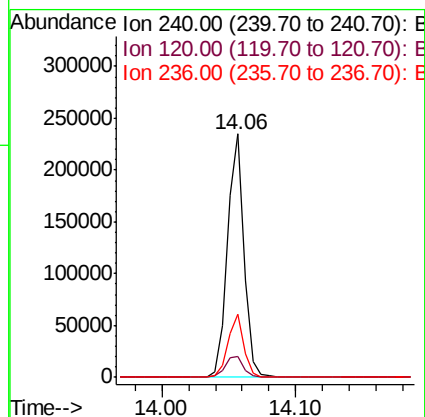
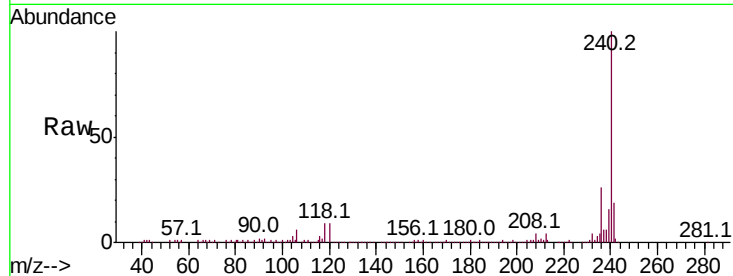




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

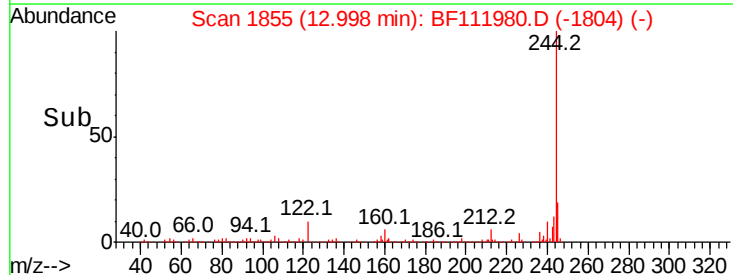
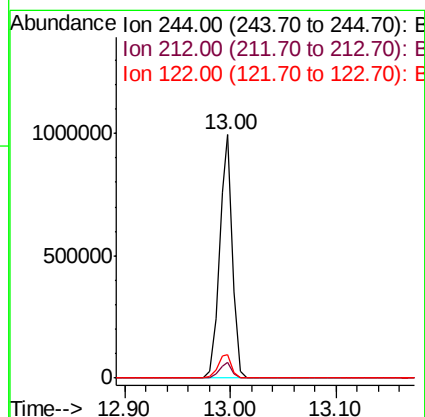
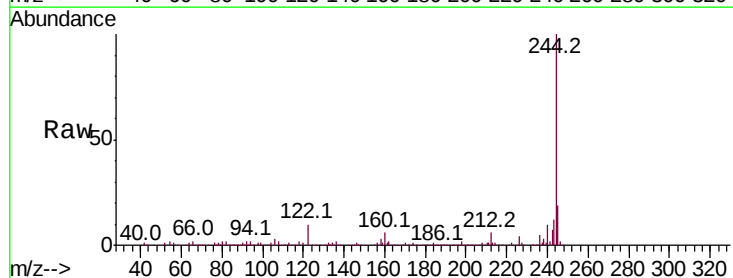
Instrument :
 BNA_F
 ClientSampleId :

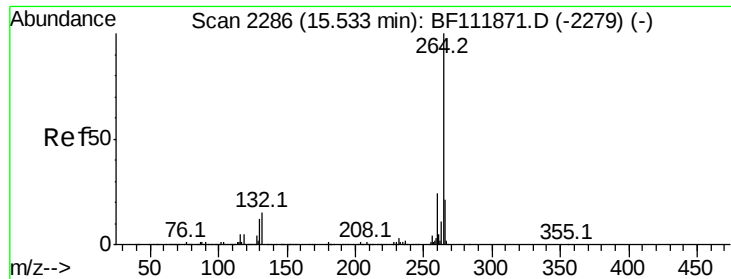
Tot Ion:240 Resp: 206084
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 25.8 20.2 30.4



#79
 Terphenyl-d14
 Concen: 78.772 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Tgt Ion:244 Resp: 855202
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 9.6 9.5 14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.1	25.7

