

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111915.D
 Acq On : 8 Jan 2019 18:55
 Operator : JU/SJ
 Sample : K1074-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:58:36 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

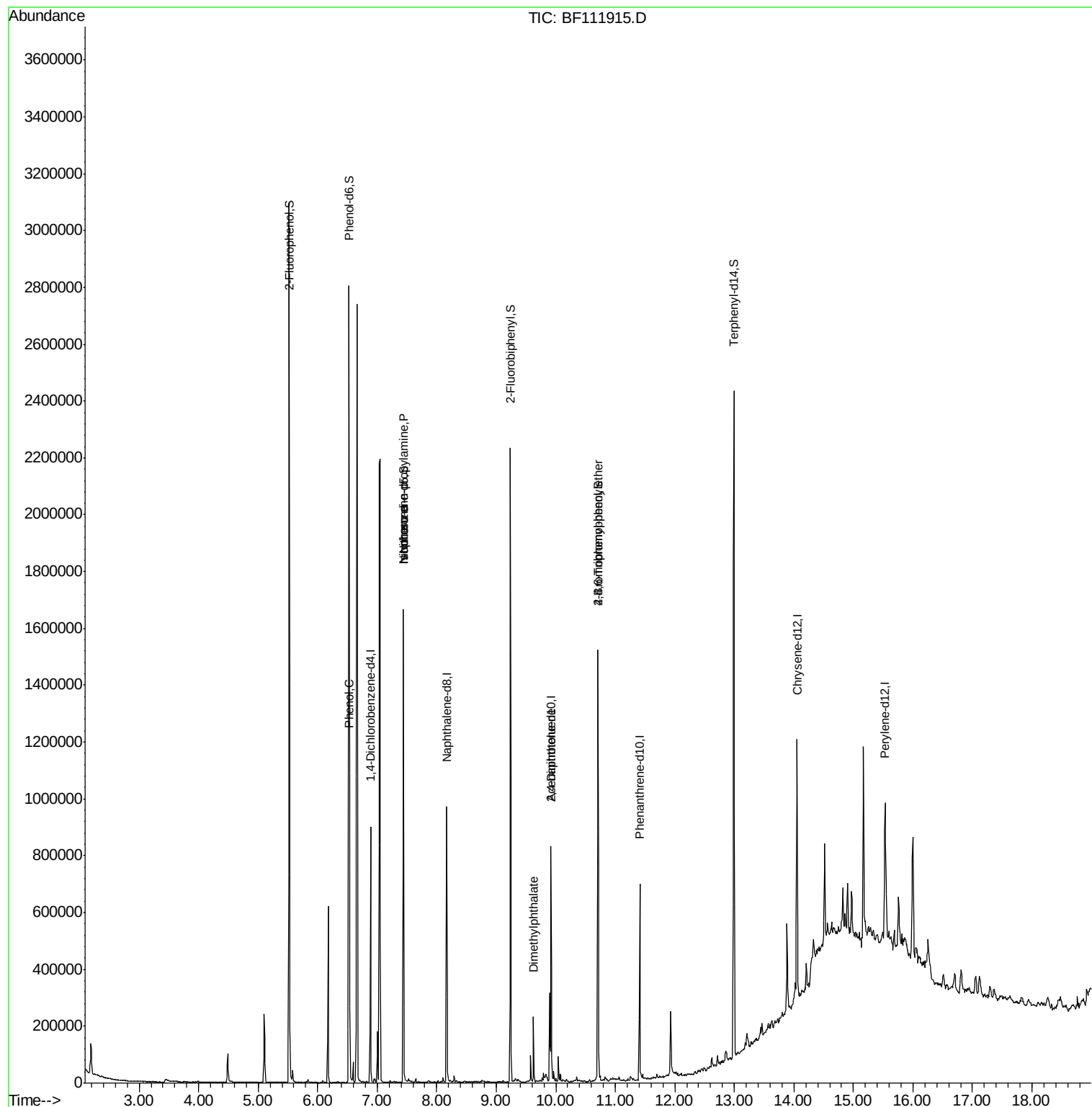
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126523	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	431222	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	145889	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	261248	20.00	ng	0.00
76) Chrysene-d12	14.05	240	294754	20.00	ng	0.00
87) Perylene-d12	15.53	264	231449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	763655	103.26	ng	0.00
7) Phenol-d6	6.53	99	837941	87.91	ng	0.00
23) Nitrobenzene-d5	7.44	82	540184	66.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	164612	86.75	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	619432	61.91	ng	-0.01
79) Terphenyl-d14	12.99	244	751643	48.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	4507	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	40923	3.950 ng	#	72
19) n-Nitroso-di-n-propylamine	7.44	70	72698	11.738 ng	#	79
25) Isophorone	7.44	82	537673	41.152 ng	#	65
50) Dimethylphthalate	9.63	163	75755	6.912 ng		100
57) 2,4-Dinitrotoluene	9.92	165	18760	5.924 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	10211	3.018 ng	#	1

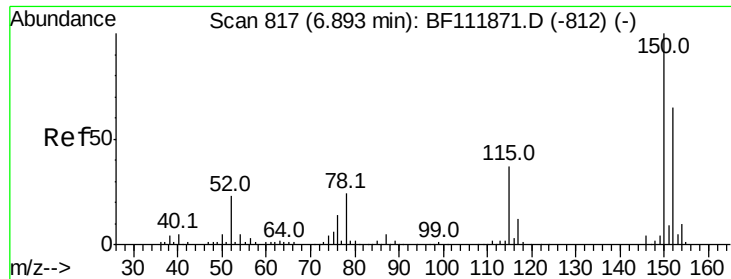
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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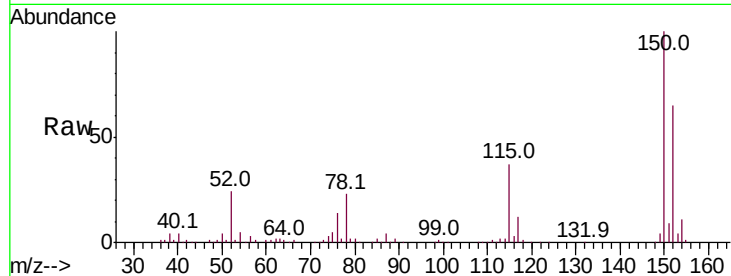


#1

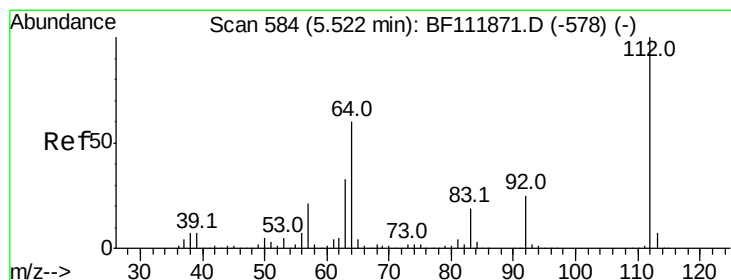
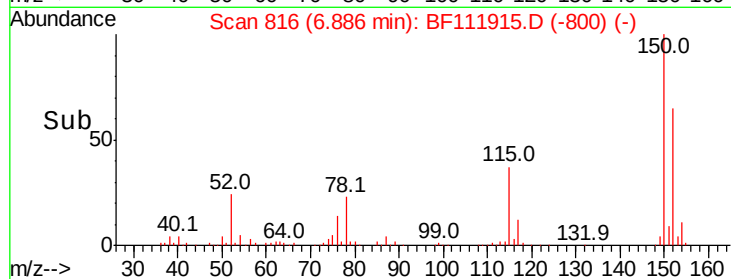
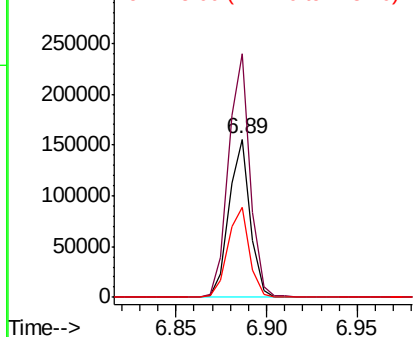
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126523
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 57.0 45.2 67.8



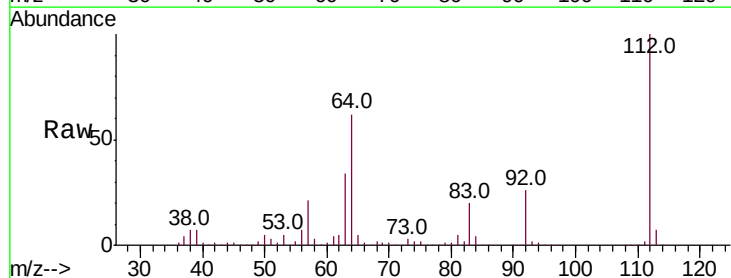
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



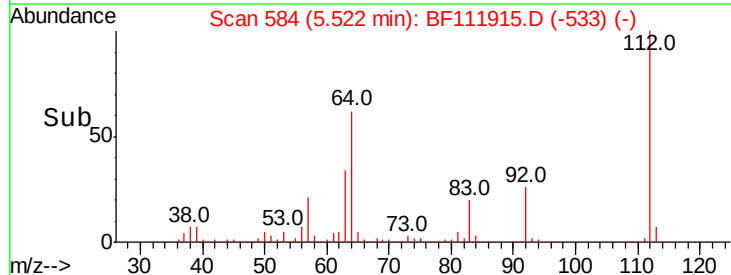
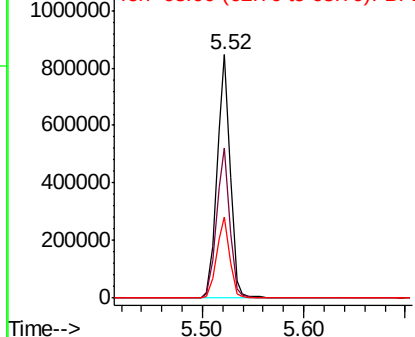
#5

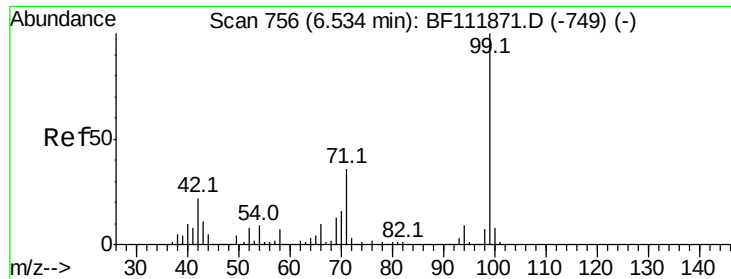
2-Fluorophenol
Concen: 103.260 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Tgt Ion:112 Resp: 763655
Ion Ratio Lower Upper
112 100
64 61.7 48.3 72.5
63 33.6 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: 87.909 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111915.D

Acq: 8 Jan 2019 18:55

Instrument :

BNA_F

ClientSampleId :

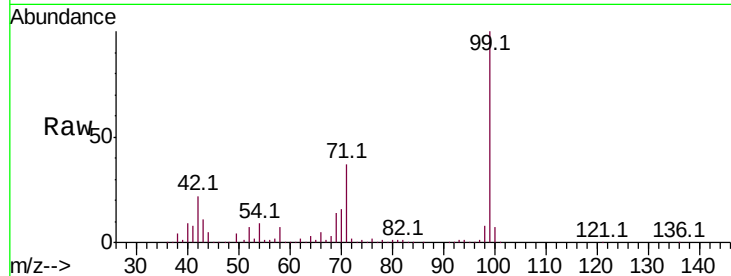
Tot Ion: 99 Resp: 837941

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

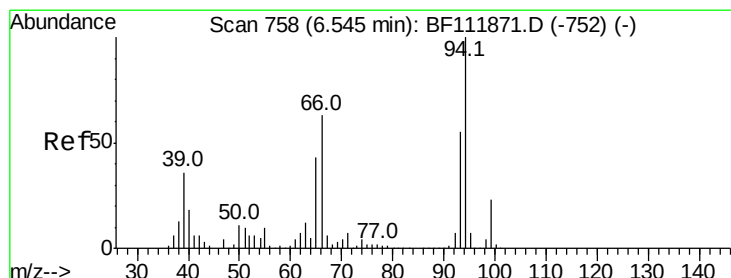
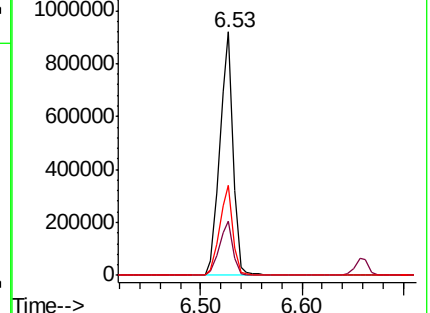
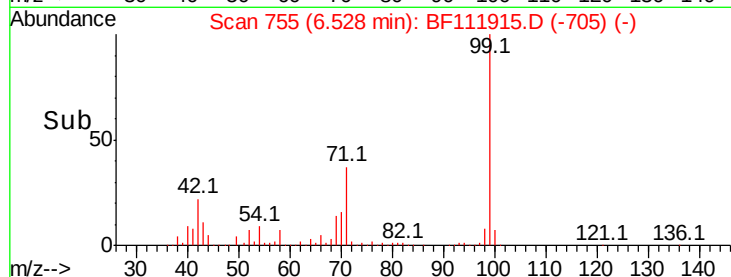
71 37.1 28.7 43.1



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



#10

Phenol

Concen: 3.950 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111915.D

Acq: 8 Jan 2019 18:55

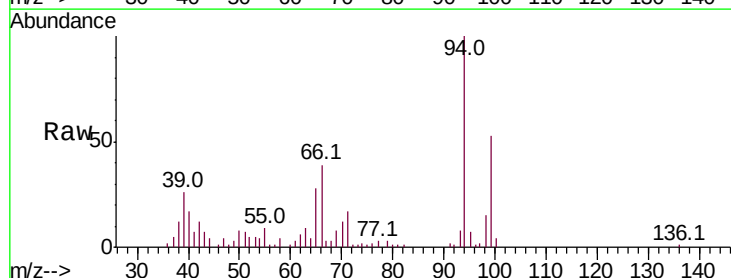
Tgt Ion: 94 Resp: 40923

Ion Ratio Lower Upper

94 100

65 27.9 22.8 62.8

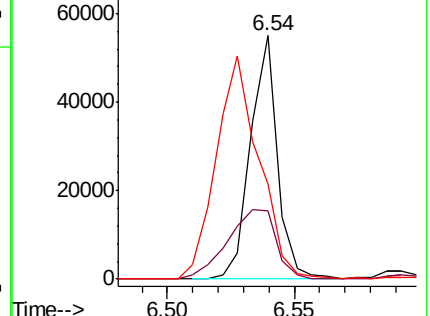
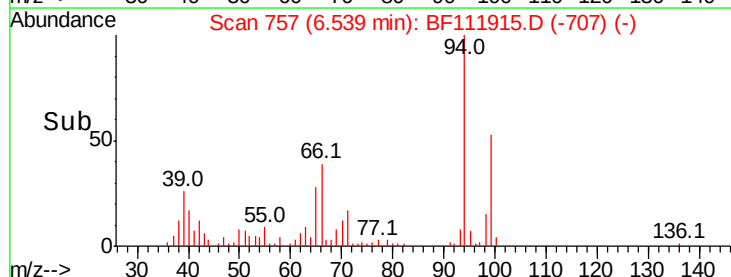
66 39.3 43.3 83.3#

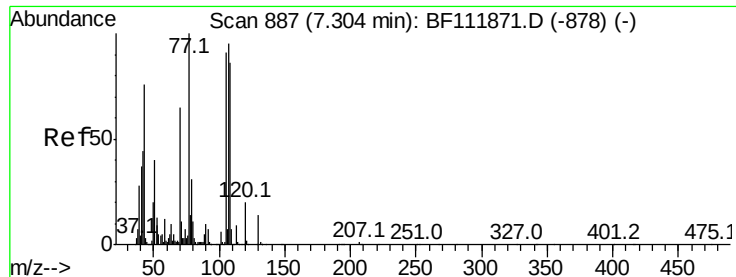


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

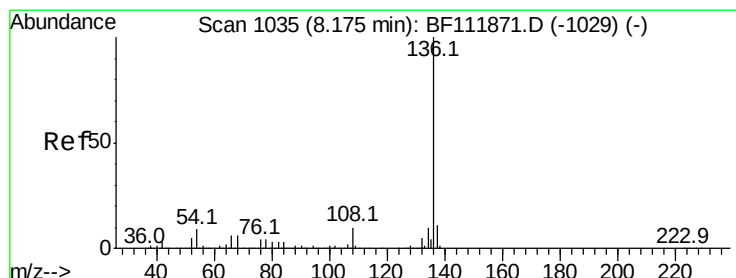
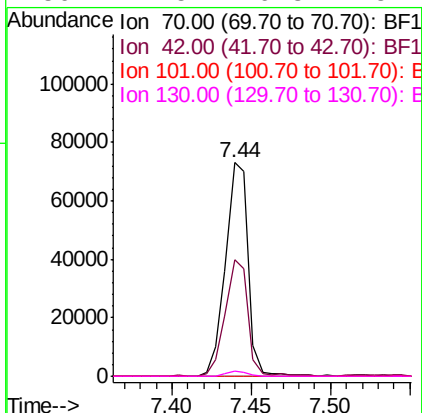
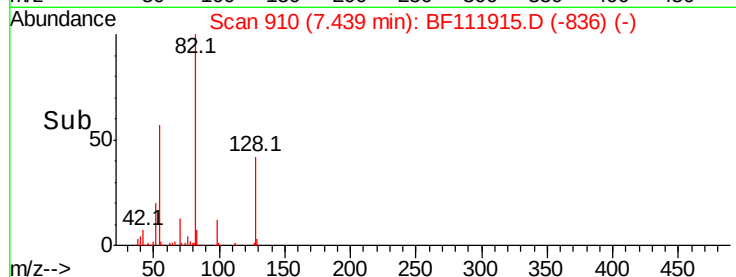
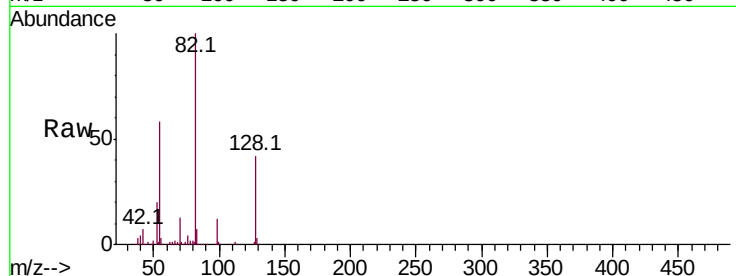




#19
n-Nitroso-di-n-propylamine
Concen: 11.738 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

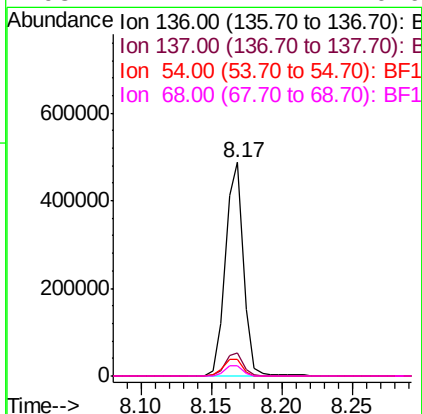
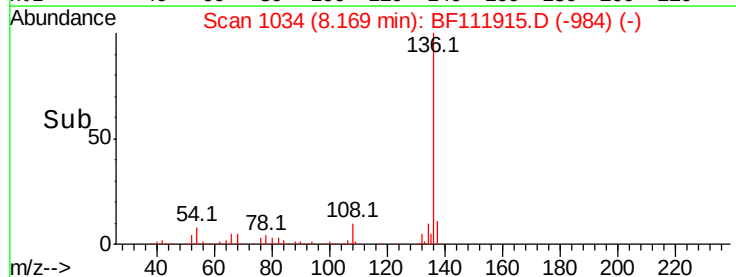
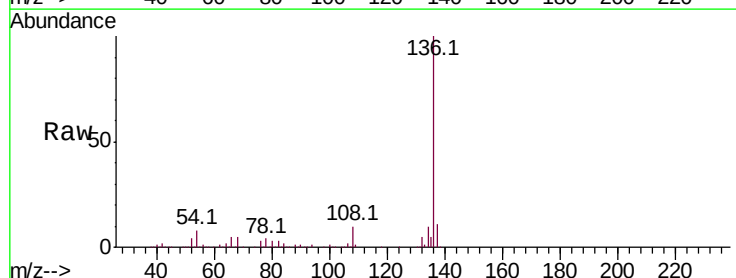
Instrument :
BNA_F
ClientSampleId :

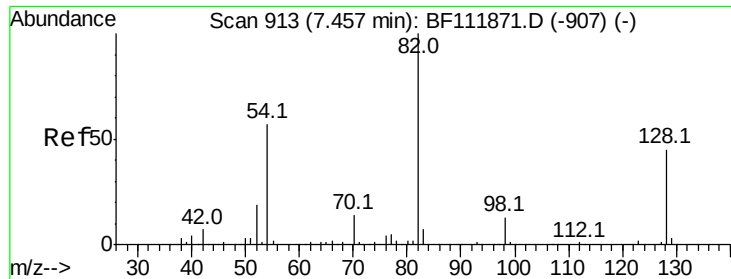
Tot Ion: 70 Resp: 72698
Ion Ratio Lower Upper
70 100
42 54.8 53.6 80.4
101 0.0 7.3 10.9#
130 2.5 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Tgt Ion: 136 Resp: 431222
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.0 7.2 10.8
68 4.7 4.4 6.6

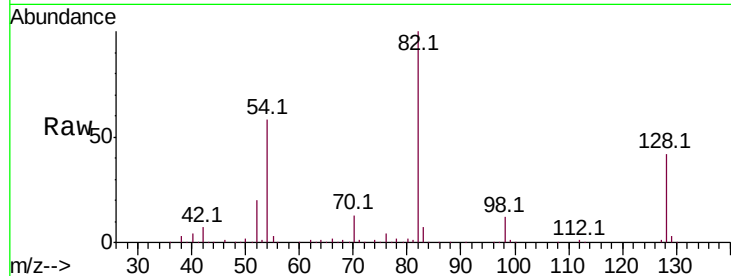




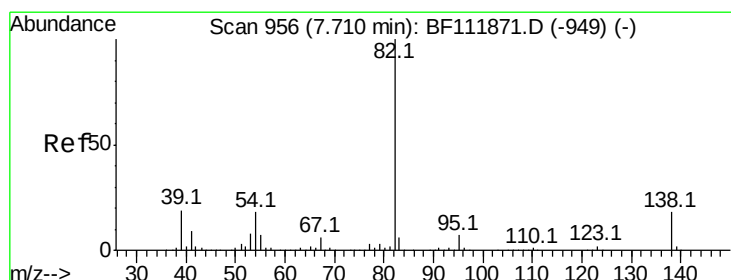
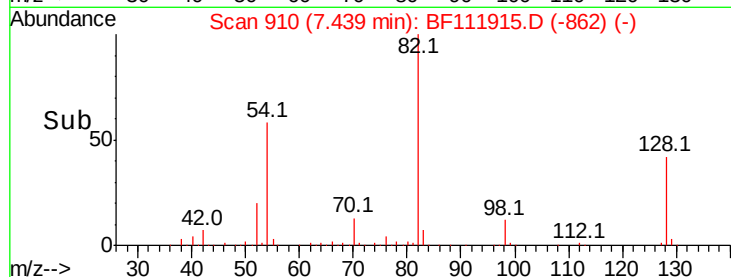
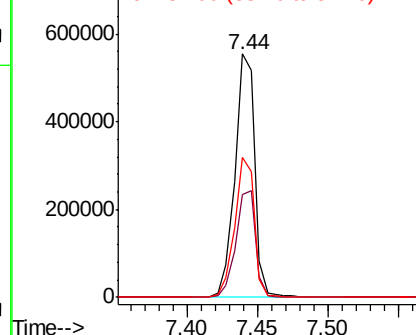
#23
 Nitrobenzene-d5
 Concen: 66.950 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 540184
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.7 53.5
 54 57.6 45.8 68.8

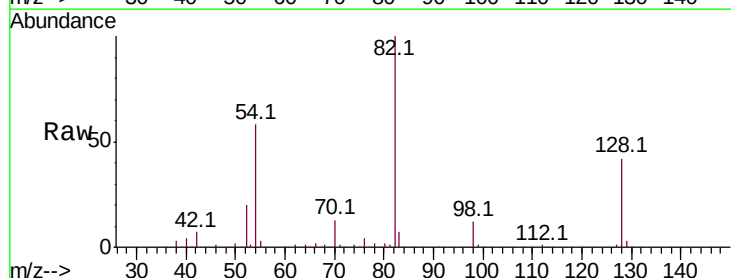


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

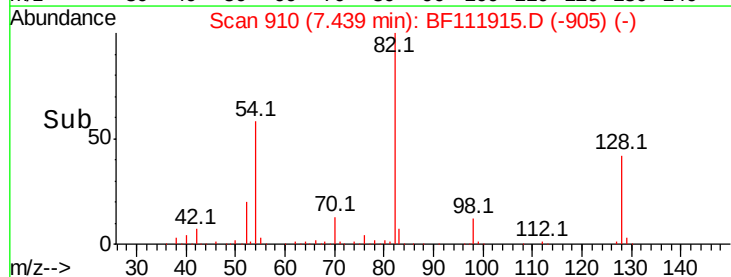
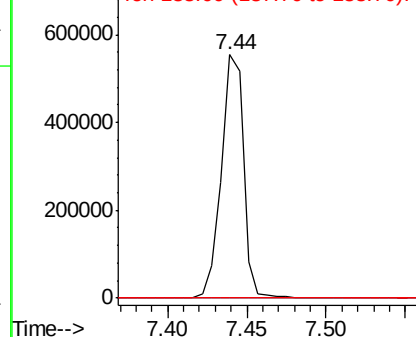


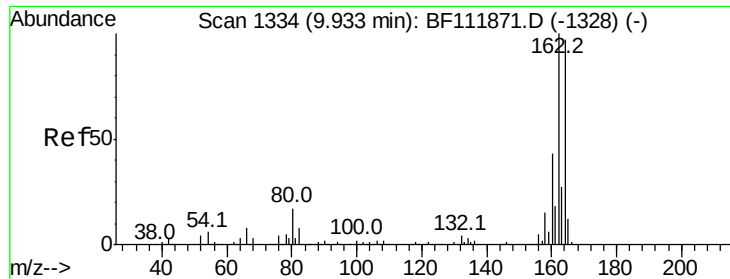
#25
 Isophorone
 Concen: 41.152 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Tgt Ion: 82 Resp: 537673
 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

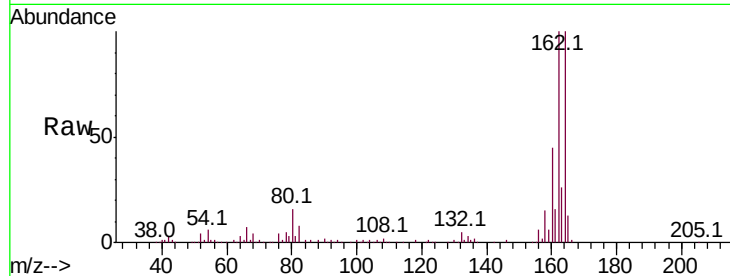




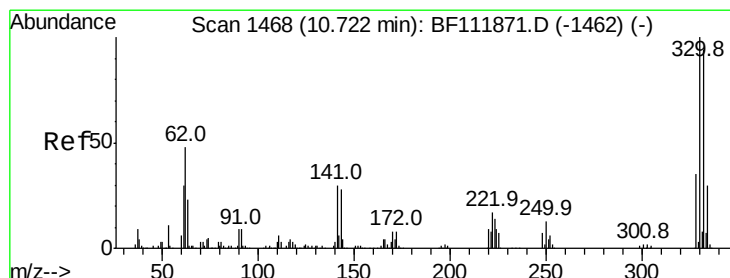
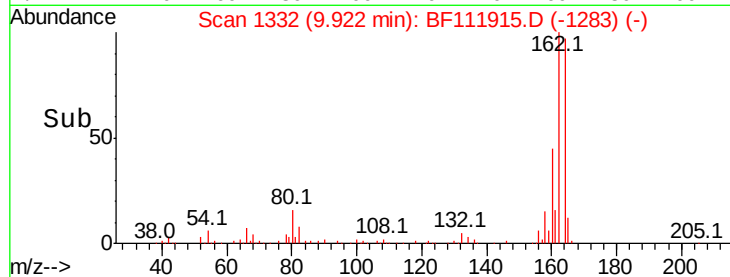
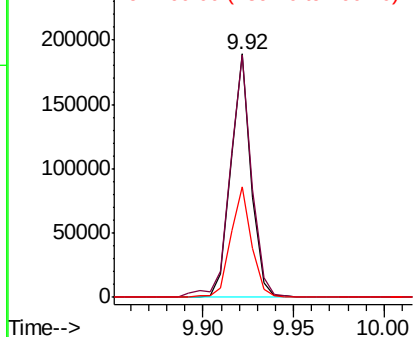
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 145889
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.2 123.2
 160 45.3 35.5 53.3

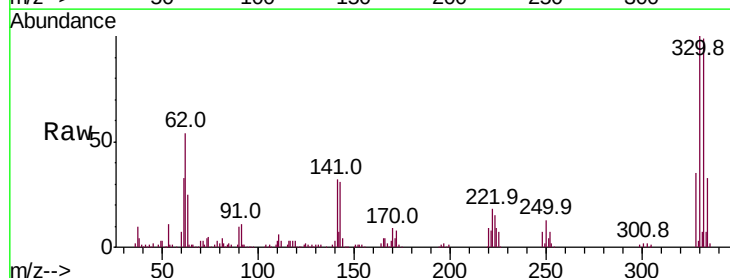


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

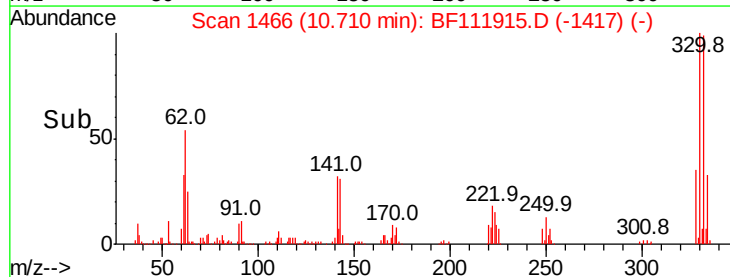
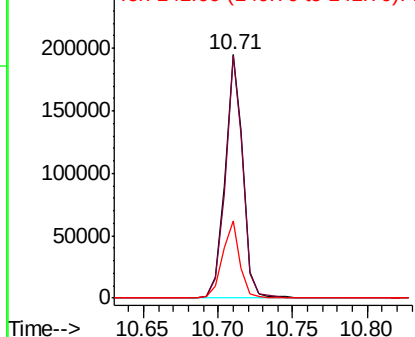


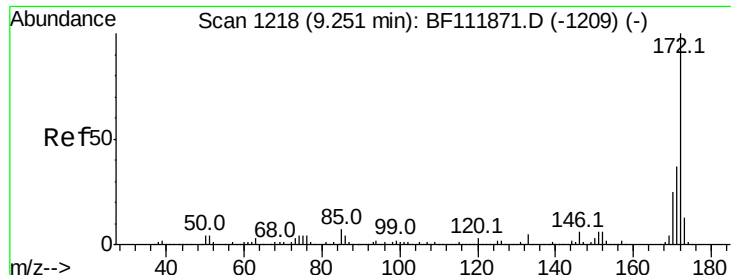
#42
 2,4,6-Tribromophenol
 Concen: 86.749 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Tgt Ion:330 Resp: 164612
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.9 115.3
 141 30.5 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

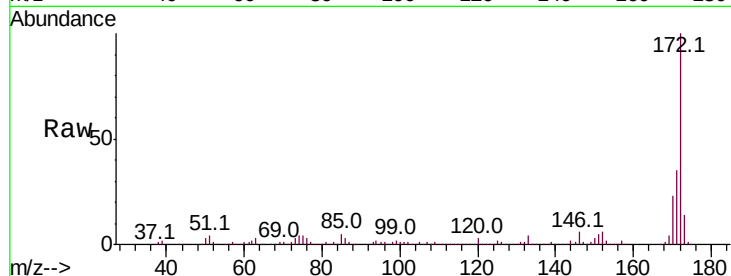




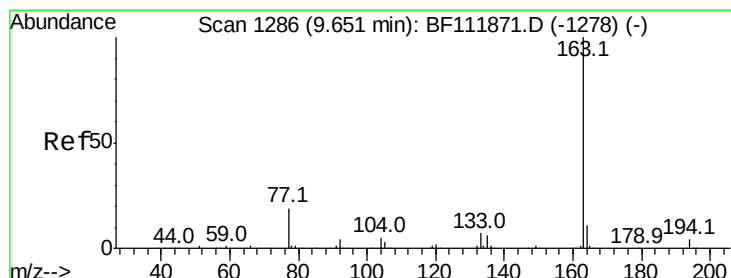
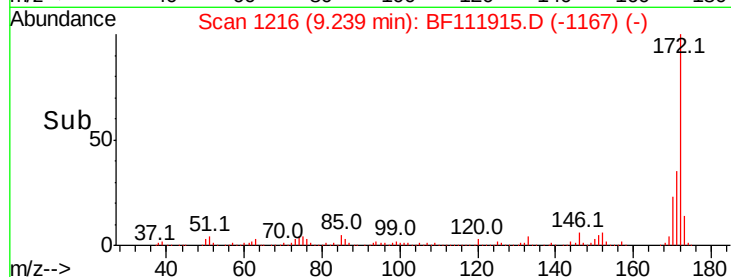
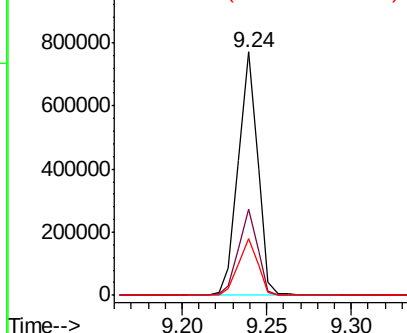
#45
2-Fluorobiphenyl
Concen: 61.914 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 619432
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.2 19.8 29.8

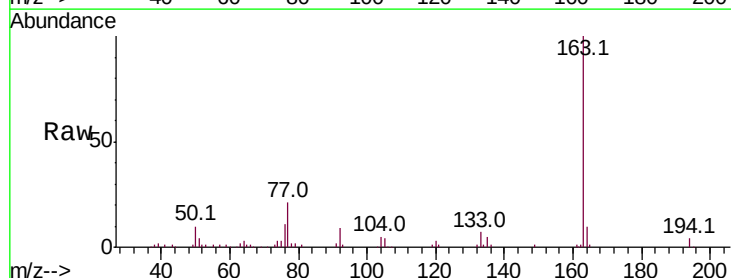


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

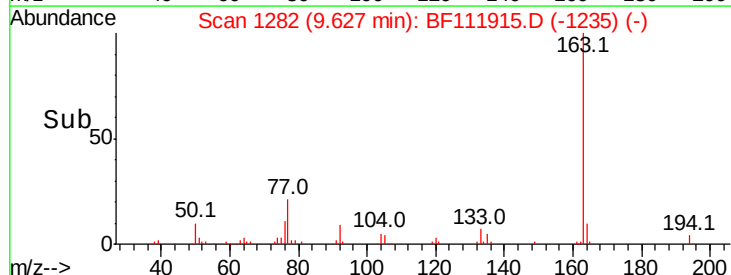
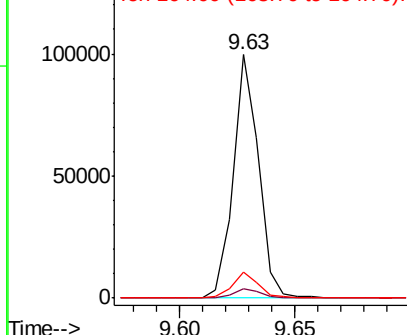


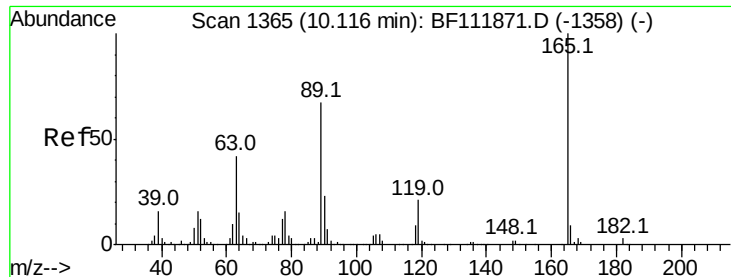
#50
Dimethylphthalate
Concen: 6.912 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Tgt Ion:163 Resp: 75755
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 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: 5.924 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111915.D

Acq: 8 Jan 2019 18:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 18760

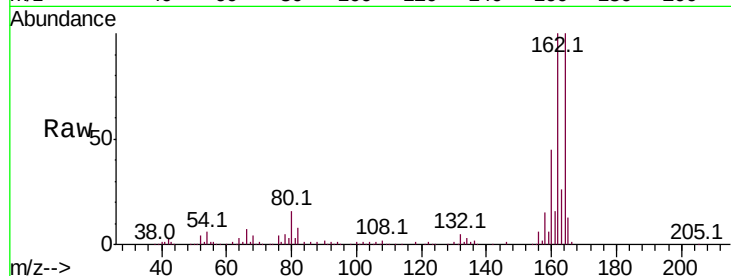
Ion Ratio Lower Upper

165 100

63 2.0 34.1 51.1#

89 0.0 53.5 80.3#

182 0.0 2.0 3.0#

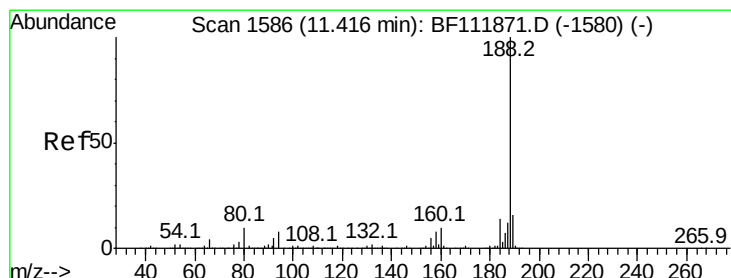
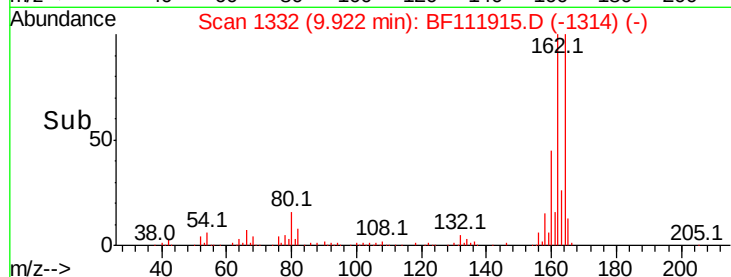
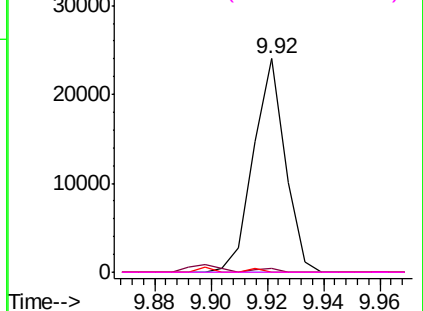


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111915.D

Acq: 8 Jan 2019 18:55

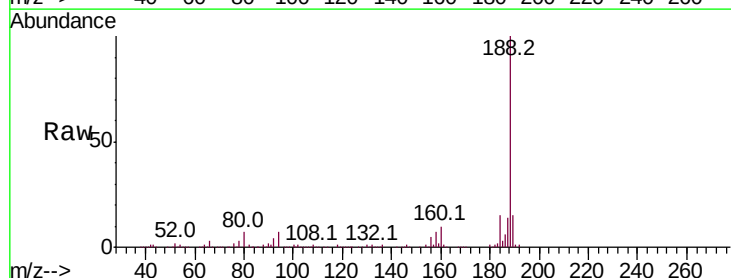
Tgt Ion:188 Resp: 261248

Ion Ratio Lower Upper

188 100

94 6.9 6.6 10.0

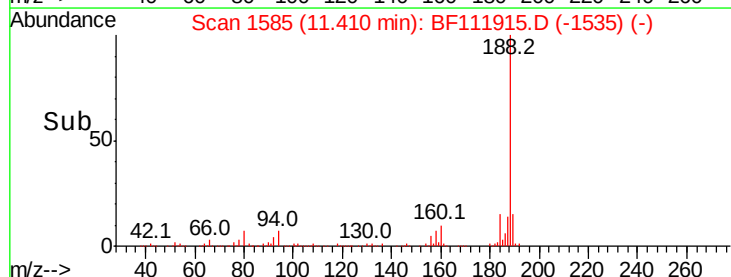
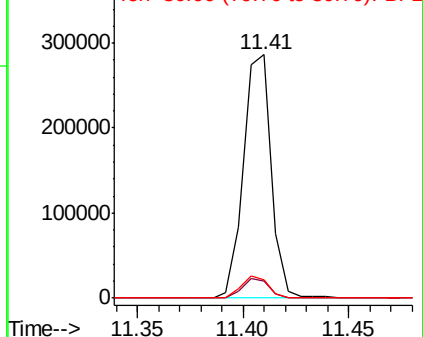
80 7.4 7.7 11.5#

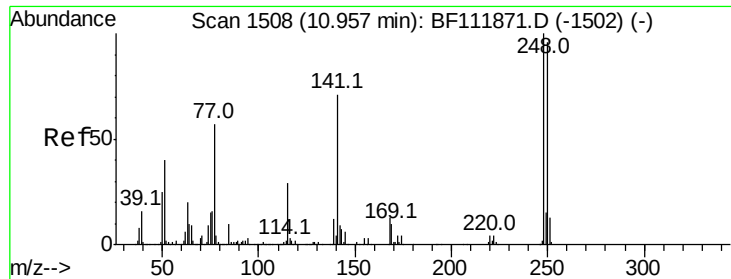


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

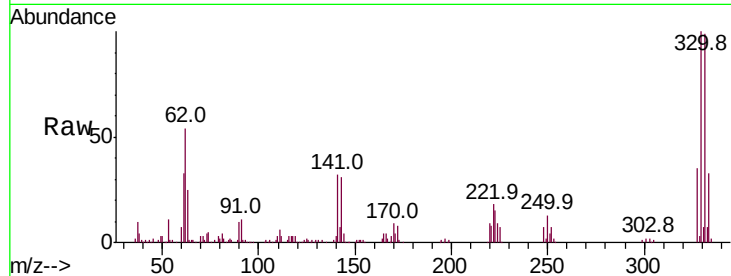




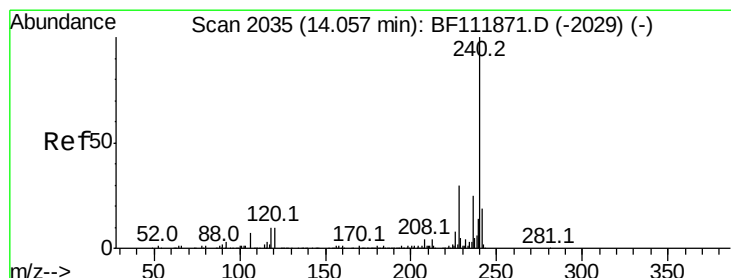
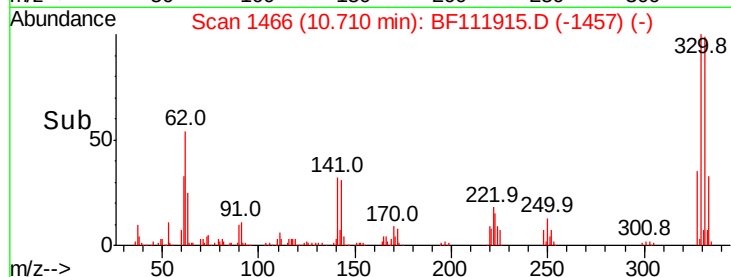
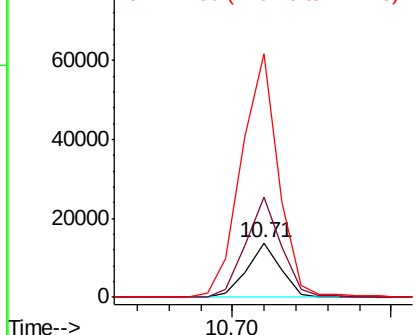
#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10211
Ion Ratio Lower Upper
248 100
250 185.5 76.8 115.2#
141 448.2 57.0 85.6#

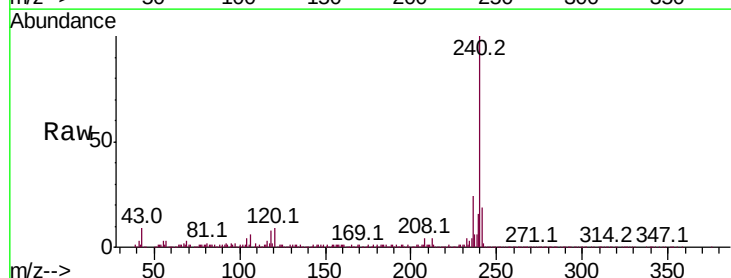


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

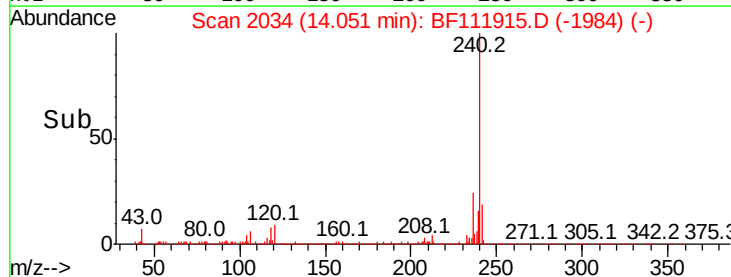
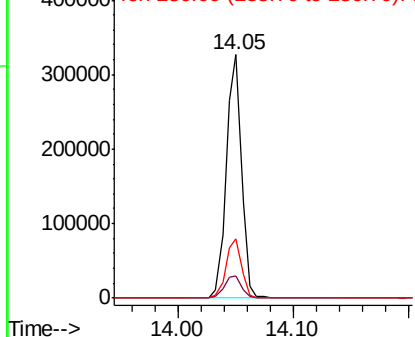


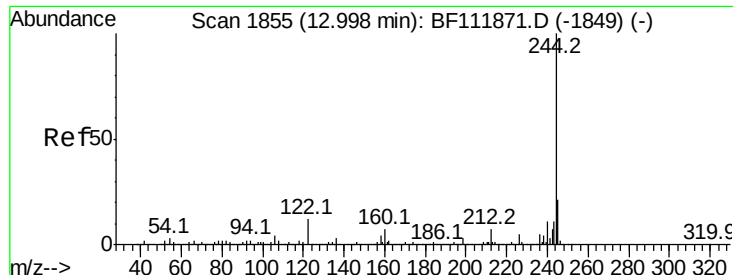
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111915.D
Acq: 8 Jan 2019 18:55

Tgt Ion:240 Resp: 294754
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

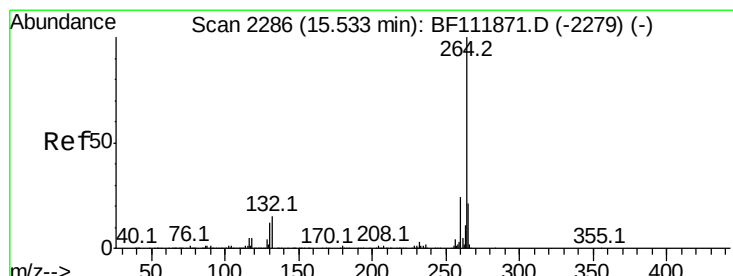
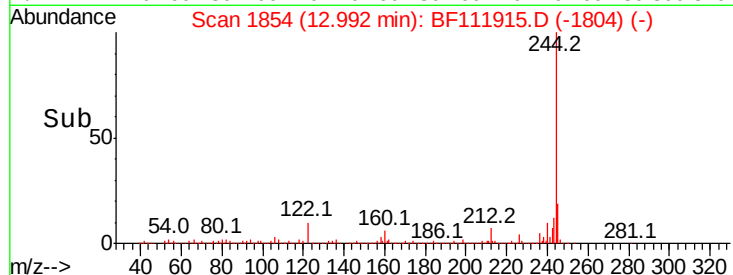
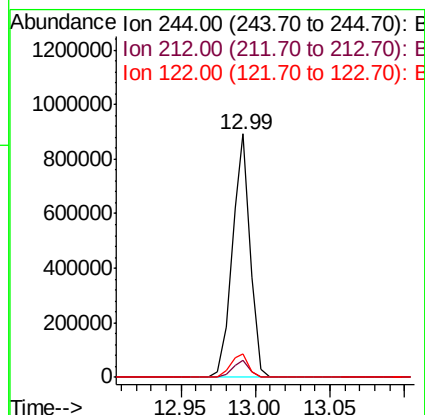
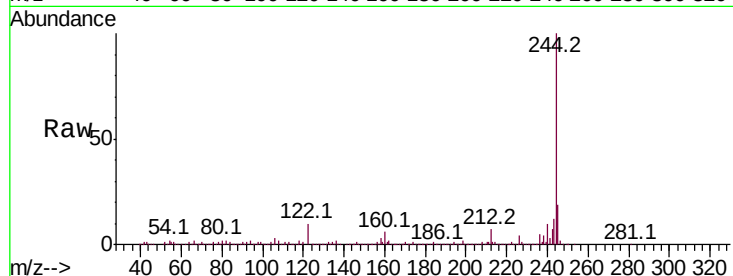




#79
 Terphenyl-d14
 Concen: 48.406 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.5	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF111915.D
 Acq: 8 Jan 2019 18:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.1	25.7

