

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111955.D
 Acq On : 9 Jan 2019 17:53
 Operator : JU/SJ
 Sample : K1075-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:53:05 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

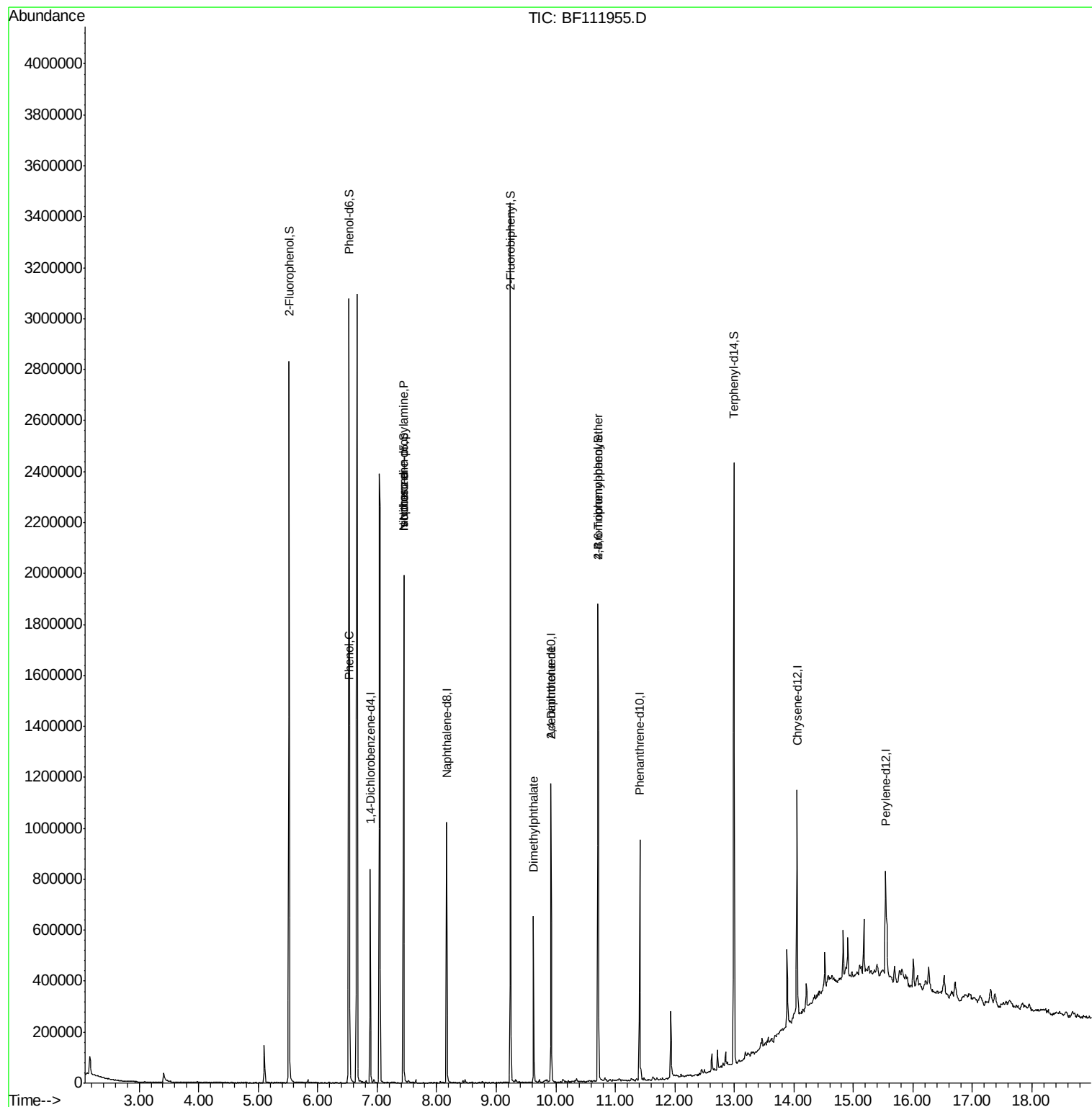
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	129255	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471283	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	217081	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	349474	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281101	20.00	ng	0.00
87) Perylene-d12	15.54	264	198459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	805506	106.62	ng	0.00
7) Phenol-d6	6.53	99	997864	102.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	628948	71.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	227074	80.42	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	966355	64.91	ng	-0.01
79) Terphenyl-d14	12.99	244	721850	48.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	2023	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	46423	4.386 ng	#	73
19) n-Nitroso-di-n-propylamine	7.45	70	84634	13.377 ng	#	76
25) Isophorone	7.45	82	628805	44.036 ng	#	65
50) Dimethylphthalate	9.63	163	243153	14.911 ng		99
57) 2,4-Dinitrotoluene	9.92	165	28482	6.045 ng	#	27
67) 4-Bromophenyl-phenylether	10.71	248	13845	3.059 ng	#	1

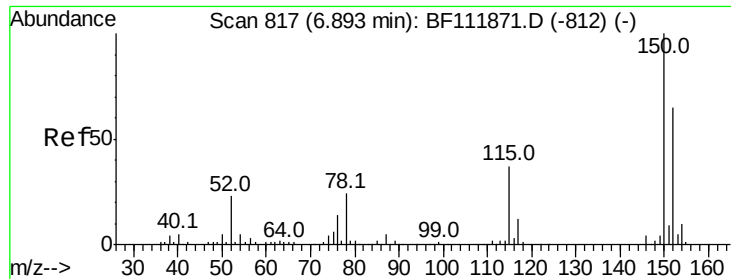
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111955.D
Acq On : 9 Jan 2019 17:53
Operator : JU/SJ
Sample : K1075-07RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 01:53:05 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



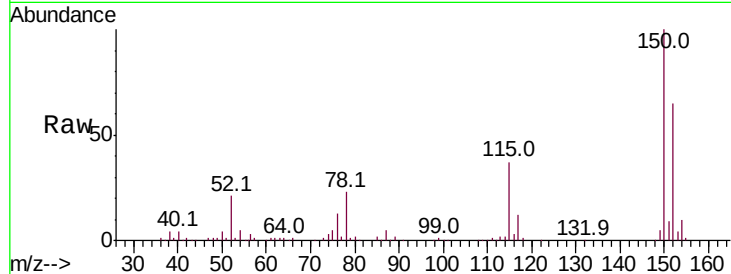


#1

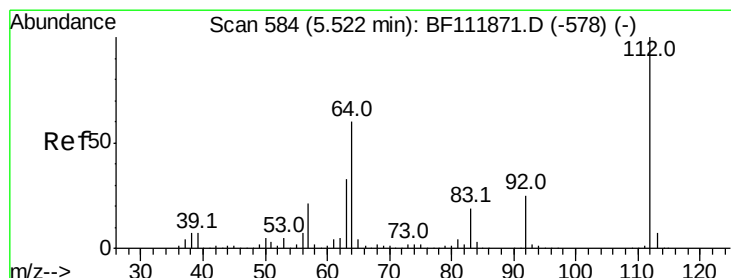
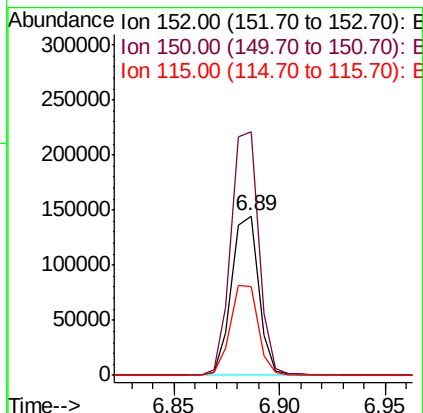
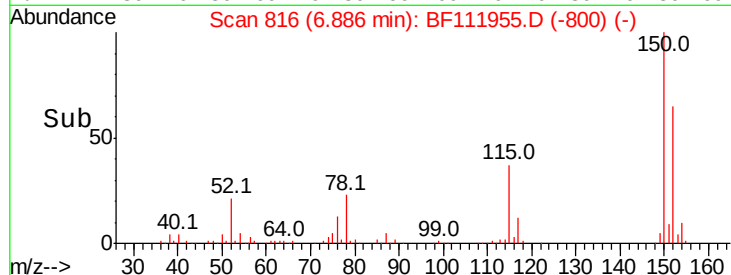
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129255
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 55.8 45.2 67.8



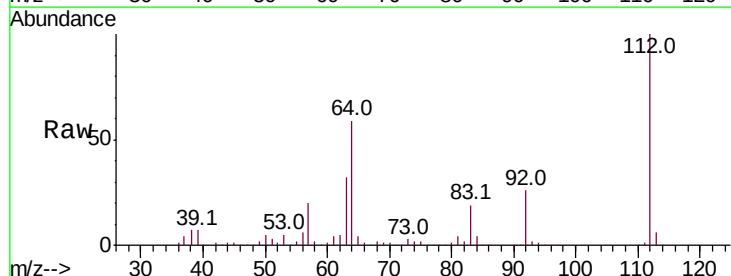
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



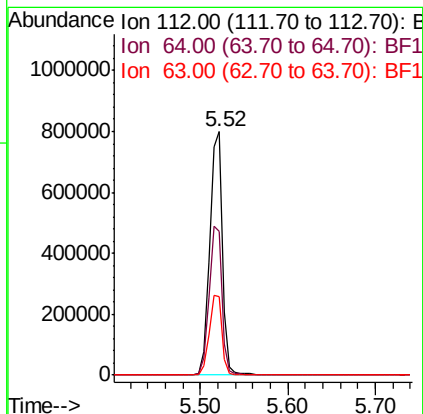
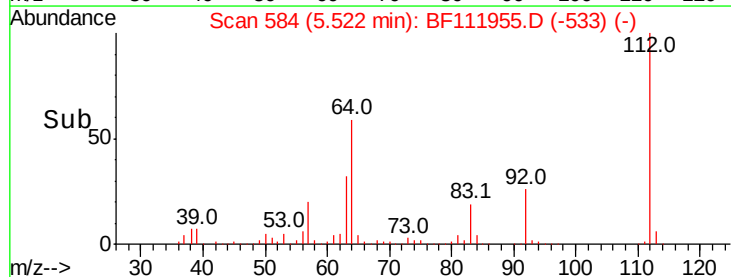
#5

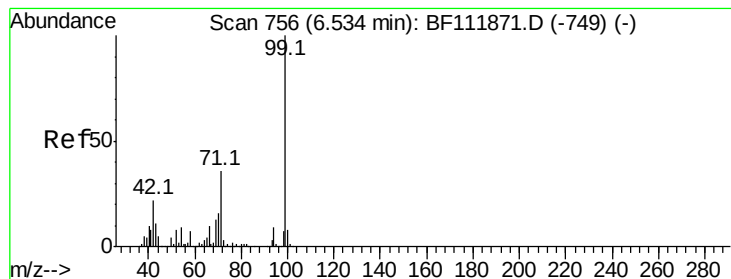
2-Fluorophenol
Concen: 106.617 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion:112 Resp: 805506
Ion Ratio Lower Upper
112 100
64 59.2 48.3 72.5
63 32.0 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: 102.474 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampled :

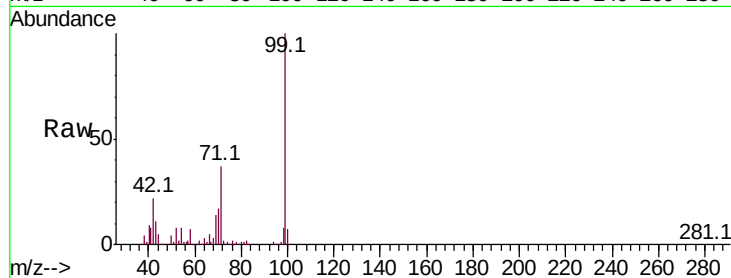
Tot Ion: 99 Resp: 997864

Ion Ratio Lower Upper

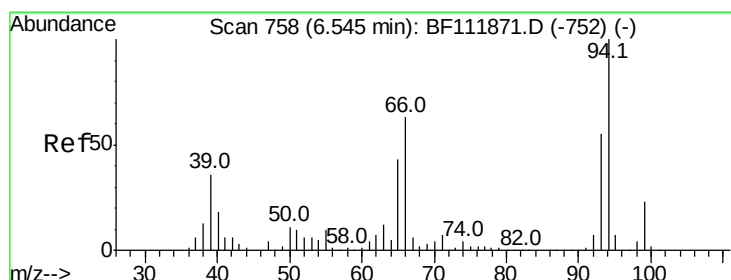
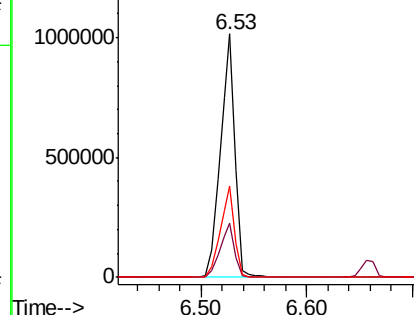
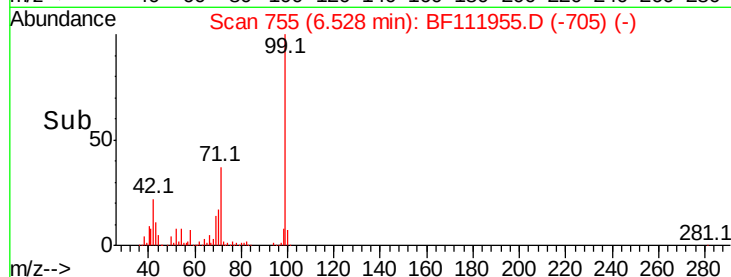
99 100

42 22.1 17.9 26.9

71 37.4 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: 4.386 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

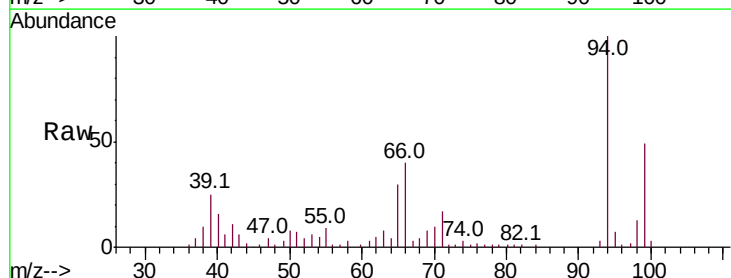
Tgt Ion: 94 Resp: 46423

Ion Ratio Lower Upper

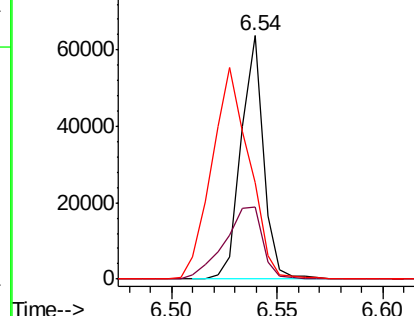
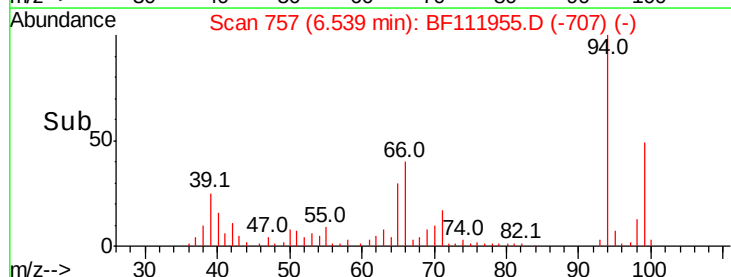
94 100

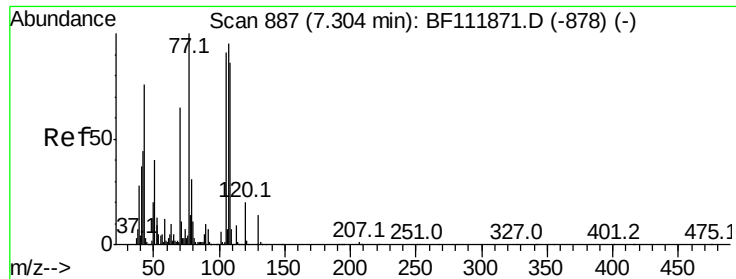
65 29.5 22.8 62.8

66 39.6 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

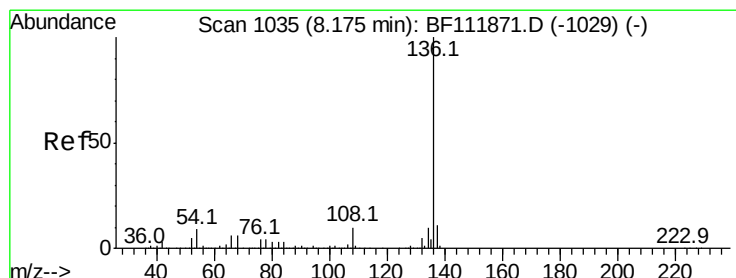
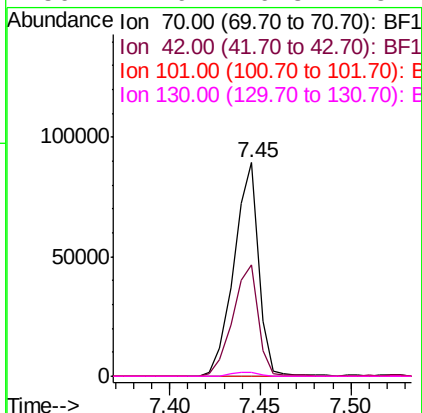
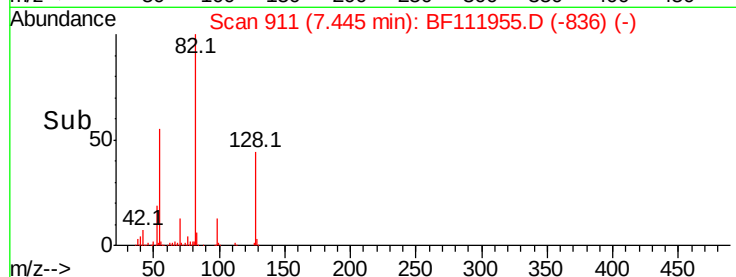
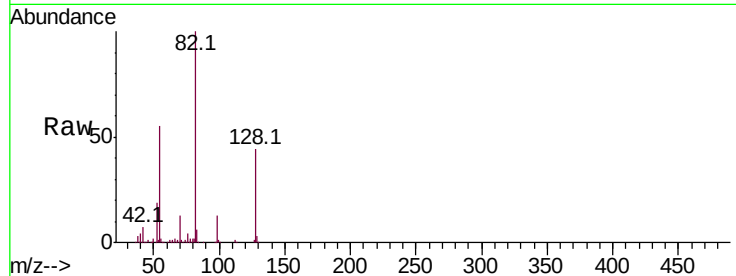




#19
n-Nitroso-di-n-propylamine
Concen: 13.377 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

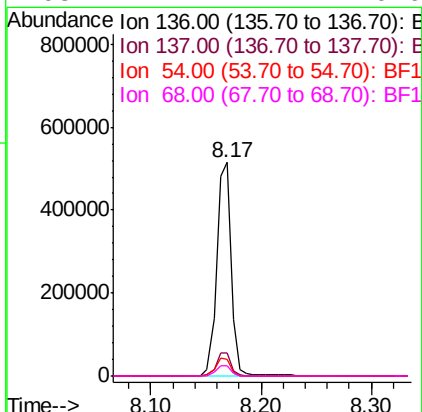
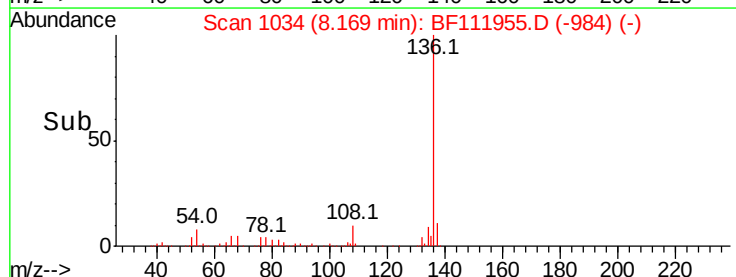
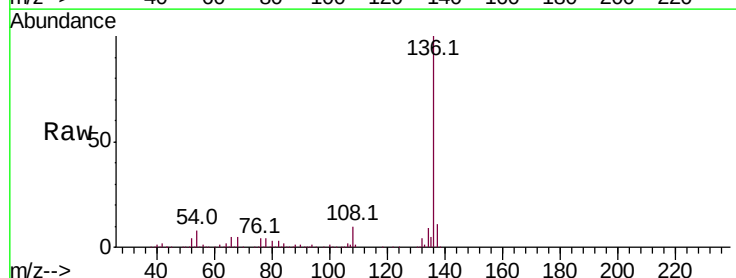
Instrument :
BNA_F
ClientSampled :

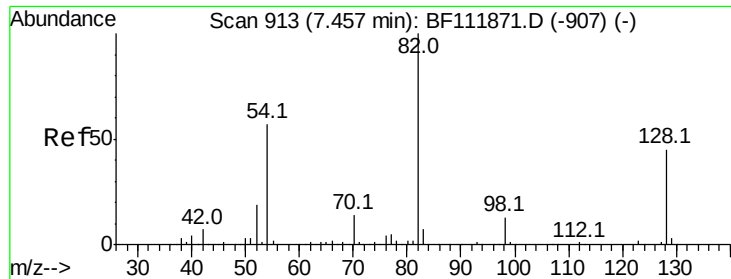
Tot Ion: 70 Resp: 84634
Ion Ratio Lower Upper
70 100
42 51.9 53.6 80.4#
101 0.0 7.3 10.9#
130 1.6 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion:136 Resp: 471283
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.9 7.2 10.8
68 4.7 4.4 6.6

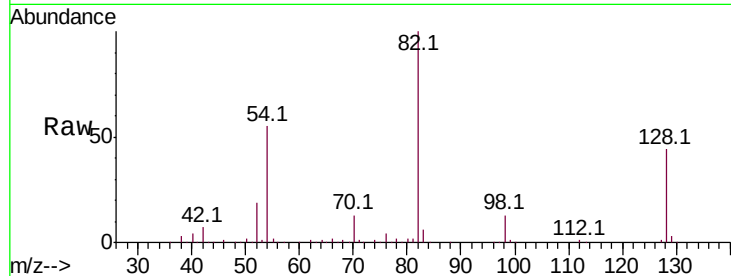




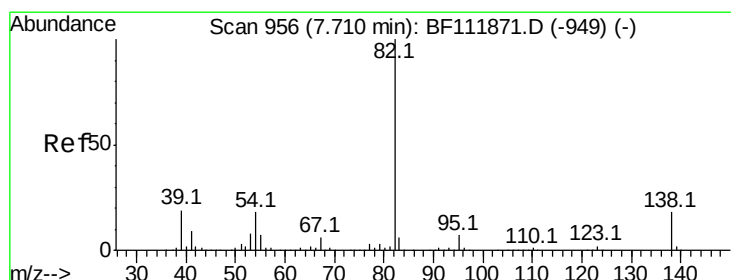
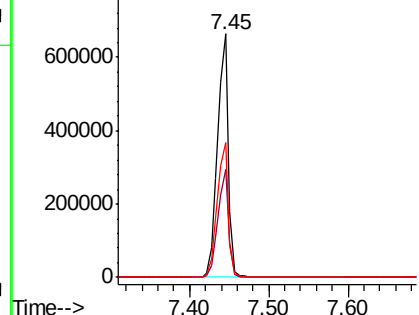
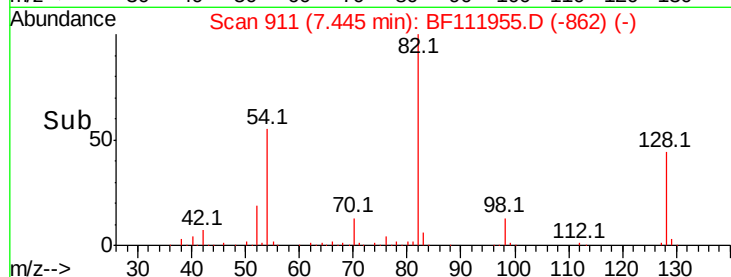
#23
 Nitrobenzene-d5
 Concen: 71.325 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111955.D
 Acq: 9 Jan 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 628948
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.7 53.5
 54 55.5 45.8 68.8

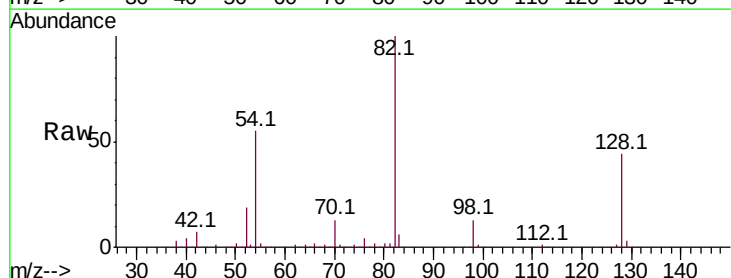


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

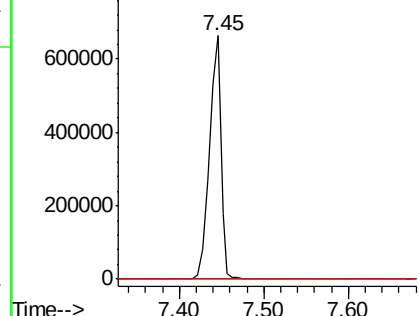
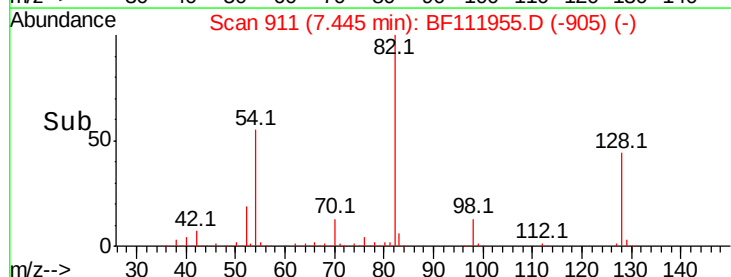


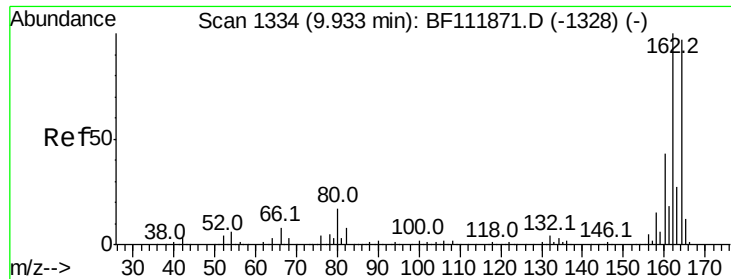
#25
 Isophorone
 Concen: 44.036 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF111955.D
 Acq: 9 Jan 2019 17:53

Tgt Ion: 82 Resp: 628805
 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: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

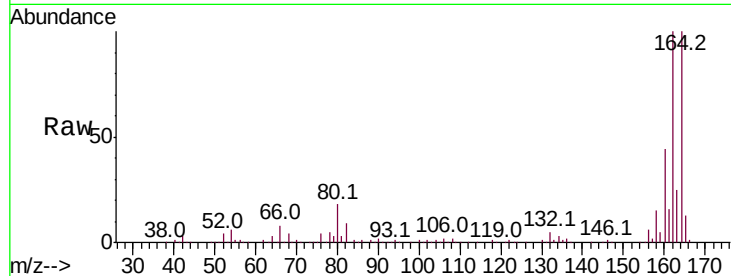
Tot Ion:164 Resp: 217081

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.2

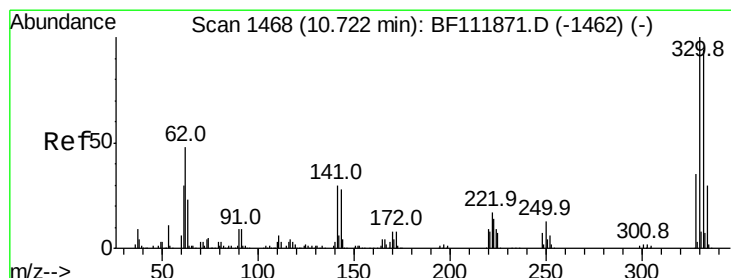
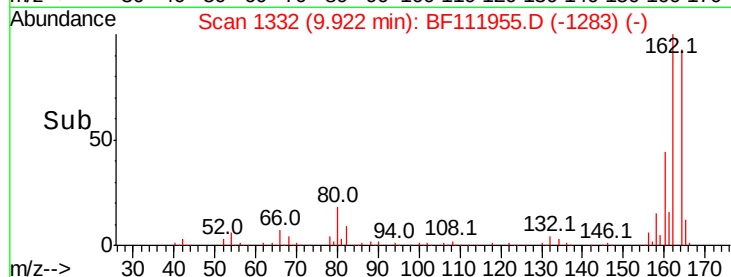
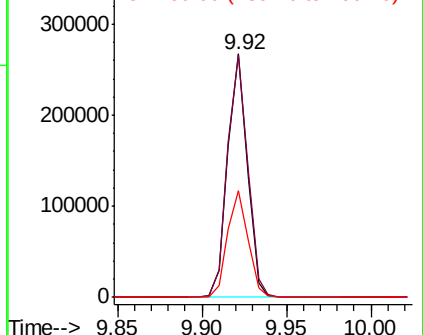
160 43.6 35.5 53.3



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: 80.421 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

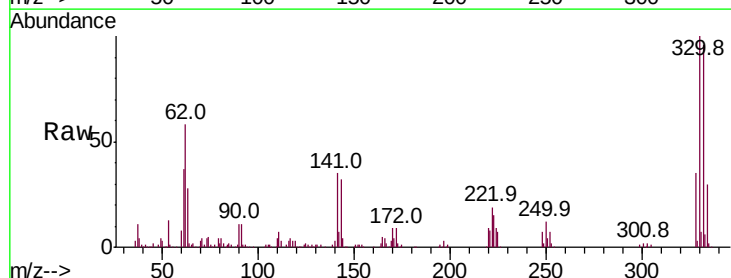
Tgt Ion:330 Resp: 227074

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

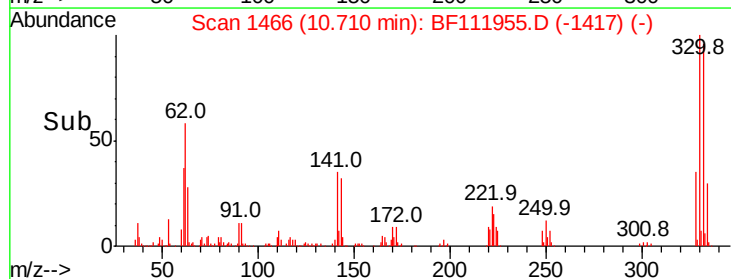
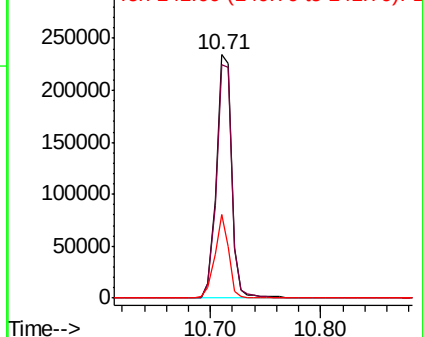
141 30.3 23.7 35.5

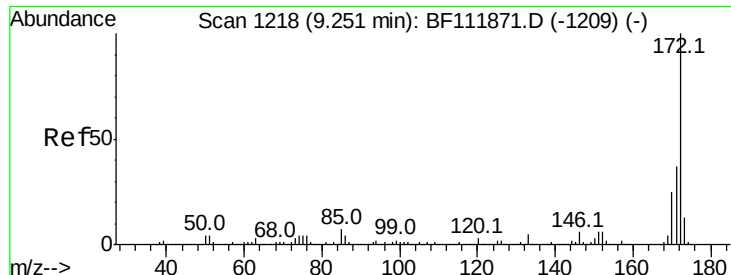


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

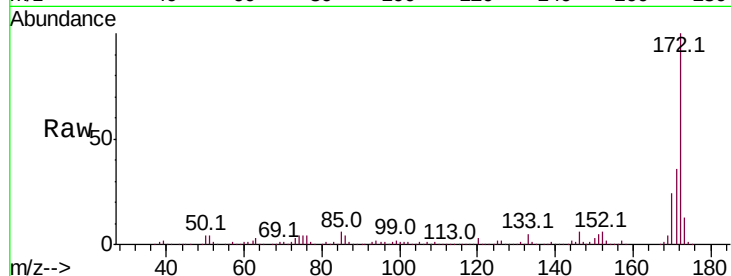




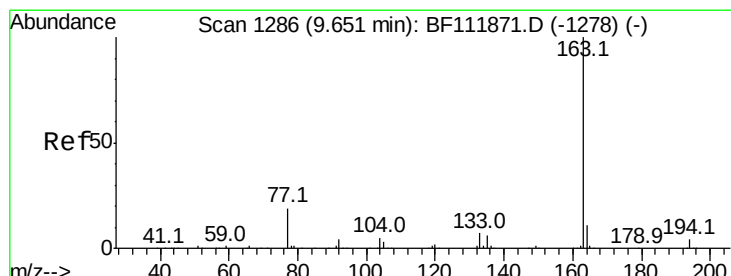
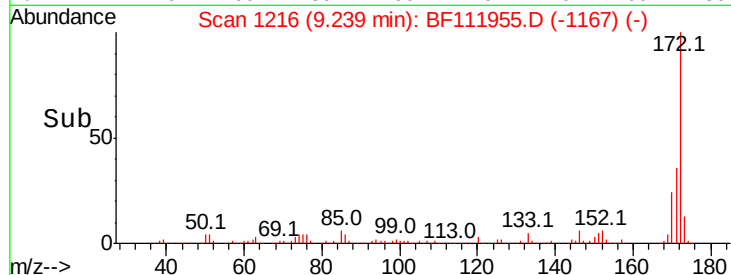
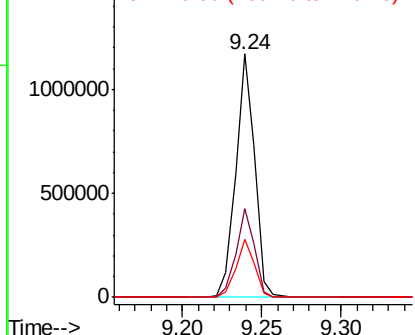
#45
2-Fluorobiphenyl
Concen: 64.913 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8

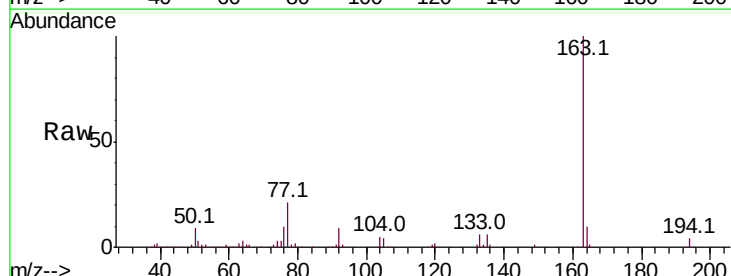


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

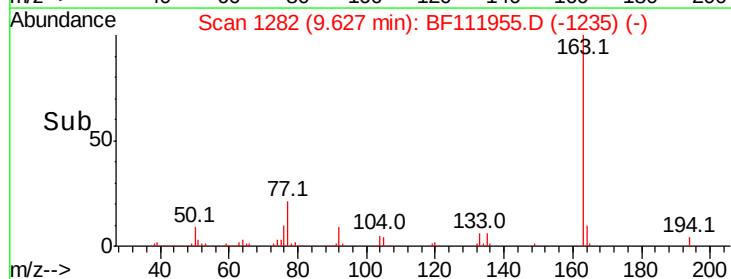
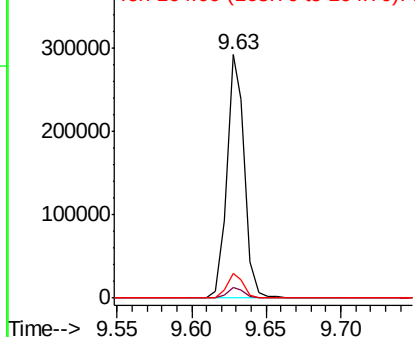


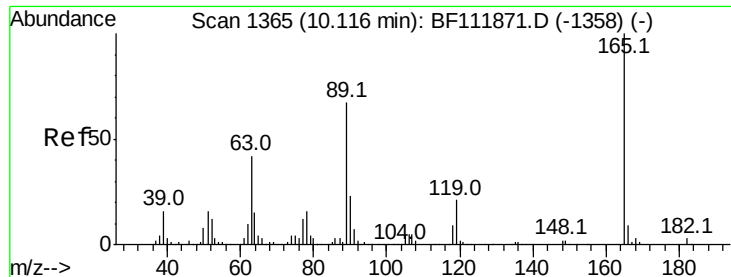
#50
Dimethylphthalate
Concen: 14.911 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	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: 6.045 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 28482

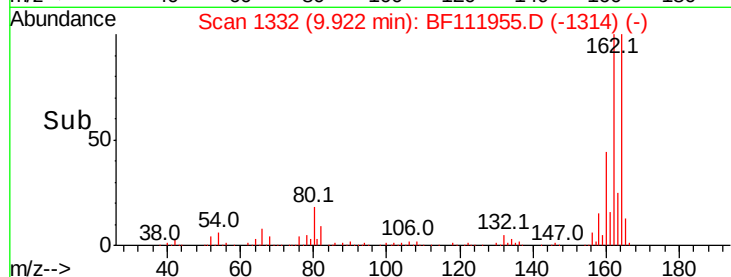
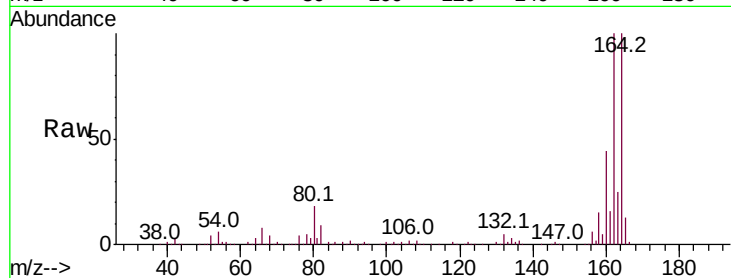
Ion Ratio Lower Upper

165 100

63 1.6 34.1 51.1#

89 1.4 53.5 80.3#

182 0.0 2.0 3.0#

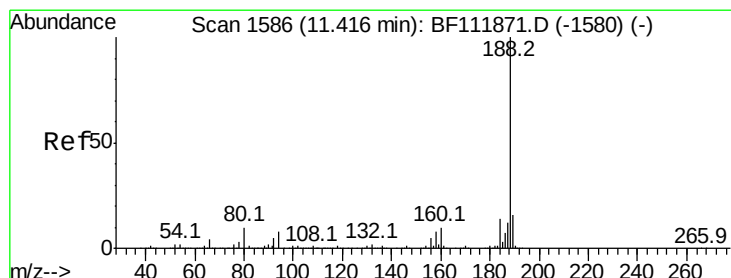
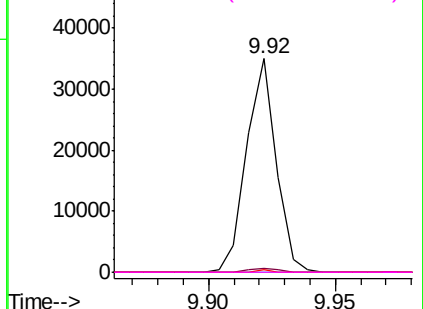


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

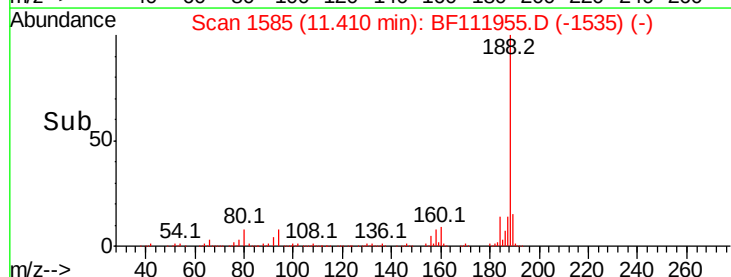
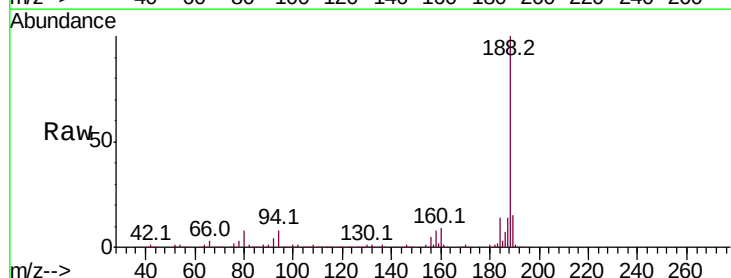
Tgt Ion:188 Resp: 349474

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

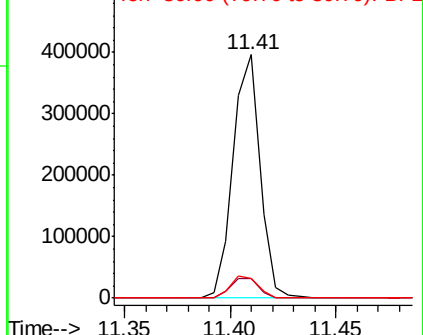
80 8.2 7.7 11.5

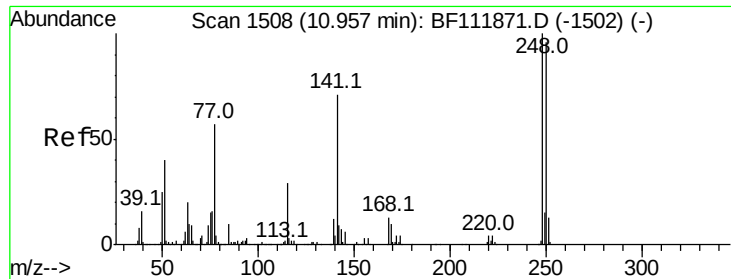


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

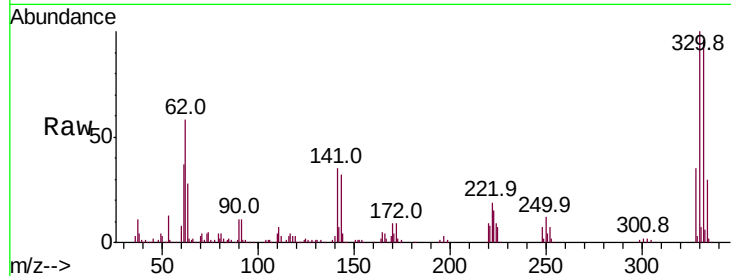




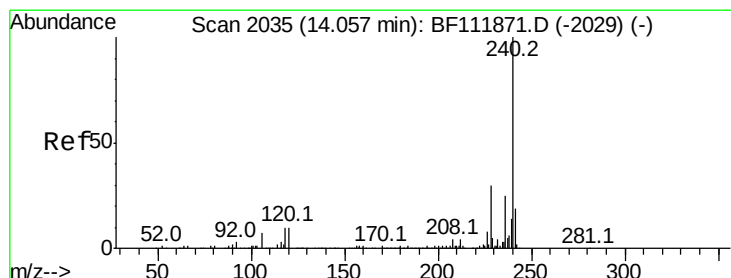
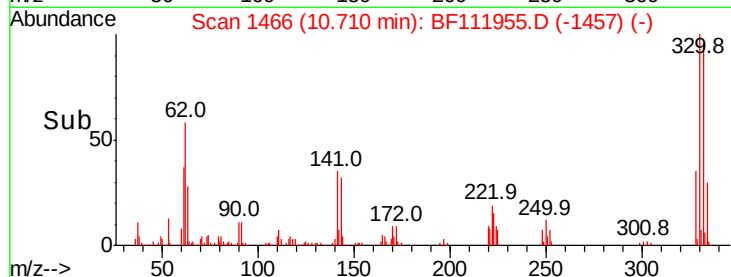
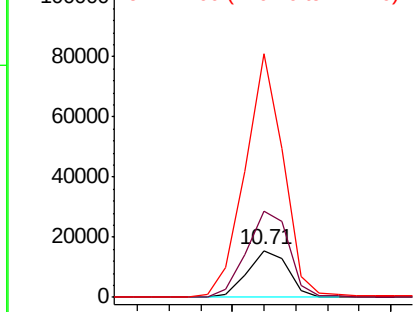
#67
 4-Bromophenyl-phenylether
 Concen: 3.059 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111955.D
 Acq: 9 Jan 2019 17:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13845
 Ion Ratio Lower Upper
 248 100
 250 184.3 76.8 115.2#
 141 518.0 57.0 85.6#

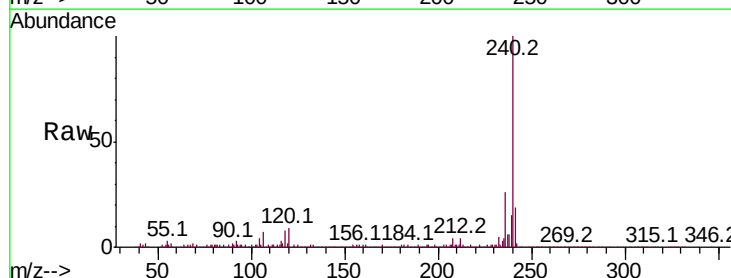


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

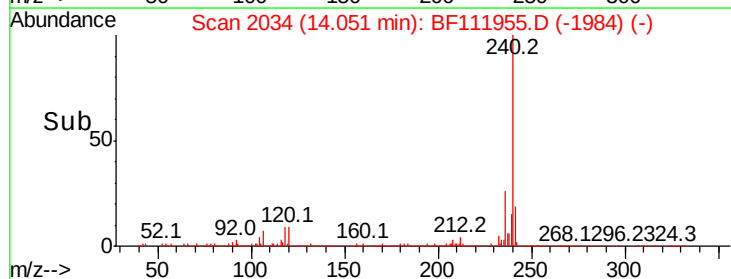
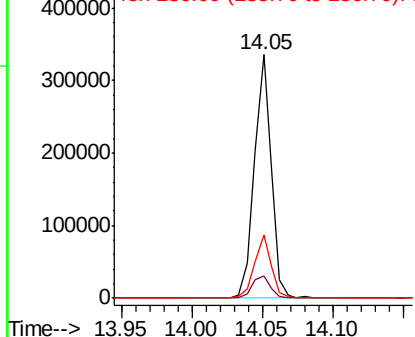


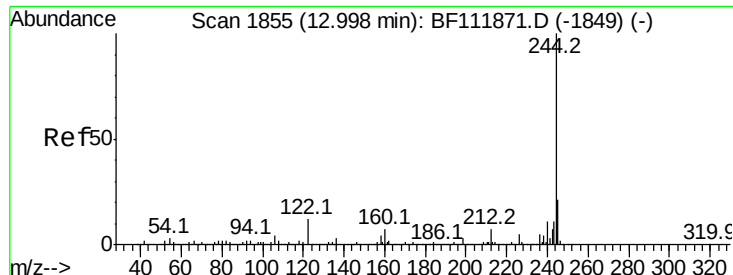
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111955.D
 Acq: 9 Jan 2019 17:53

Tgt Ion:240 Resp: 281101
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.2
 236 26.1 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: 48.745 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

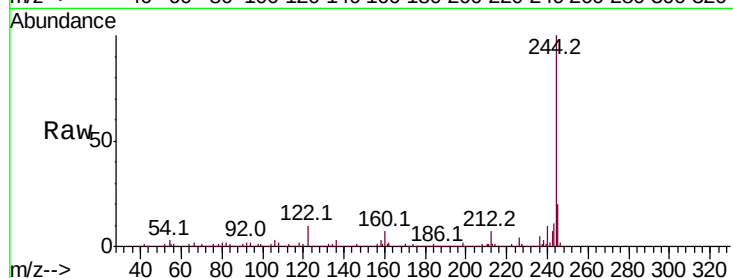
Tot Ion:244 Resp: 721850

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

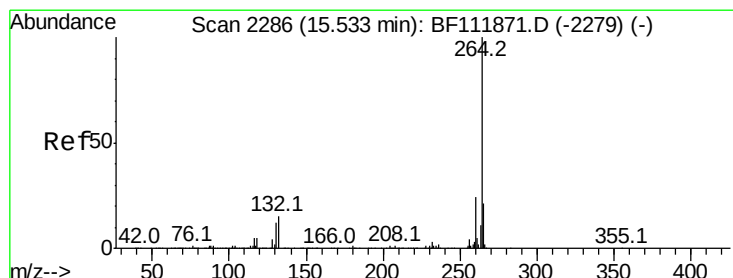
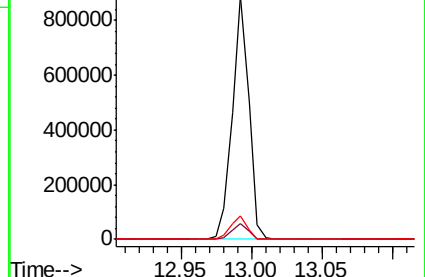
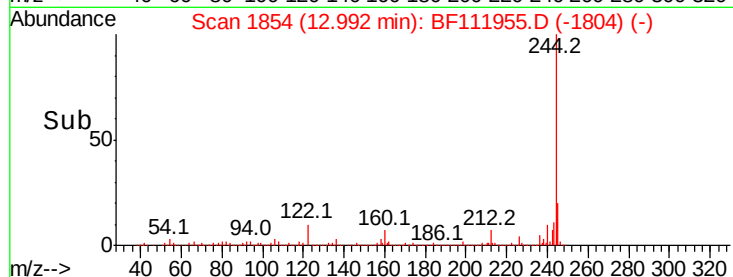
122 9.9 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

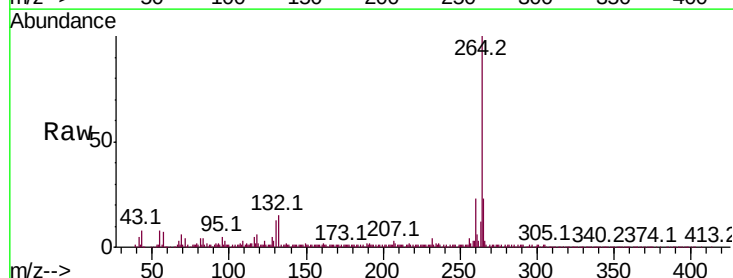
Tgt Ion:264 Resp: 198459

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.8 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

