

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112015.D
 Acq On : 11 Jan 2019 15:13
 Operator : JU/SJ
 Sample : K1102-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:22:19 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

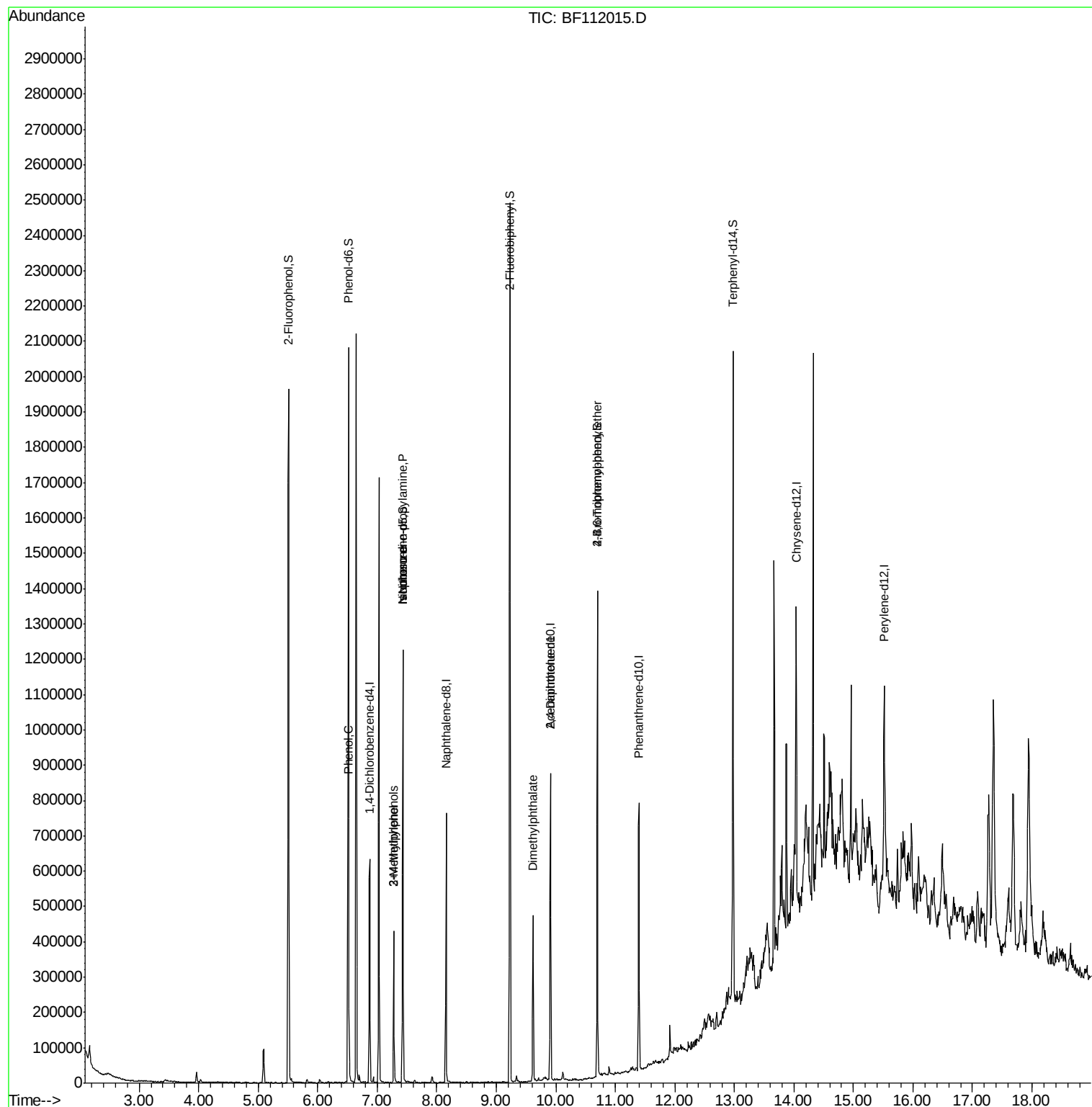
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	95010	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	348935	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	159919	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	273604	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	274004	20.00	ng	-0.02
87) Perylene-d12	15.52	264	258081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	522317	94.05	ng	-0.01
7) Phenol-d6	6.52	99	647372	90.44	ng	-0.02
23) Nitrobenzene-d5	7.43	82	411532	63.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	168195	80.86	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	719887	65.64	ng	-0.02
79) Terphenyl-d14	12.98	244	571151	39.57	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1488	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	39755	5.110 ng	#	73
17) 2-Methylphenol	7.28	107	103382	20.859 ng	#	67
19) n-Nitroso-di-n-propylamine	7.43	70	56006	12.042 ng	#	75
20) 3+4-Methylphenols	7.28	107	103382	16.760 ng	#	59
25) Isophorone	7.43	82	411525	38.925 ng	#	65
50) Dimethylphthalate	9.62	163	175677	14.624 ng		99
57) 2,4-Dinitrotoluene	9.91	165	20537	5.916 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	10194	2.877 ng	#	1

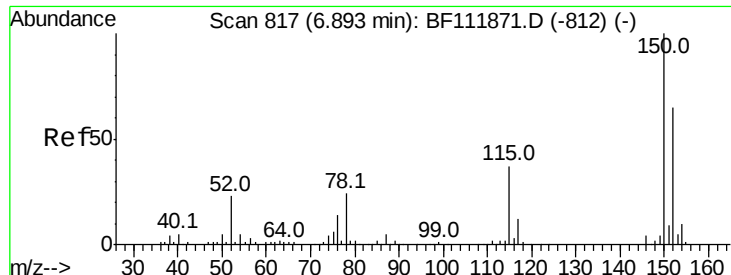
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 21:22:19 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



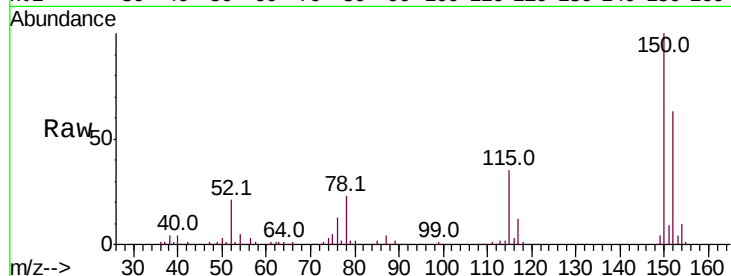


#1

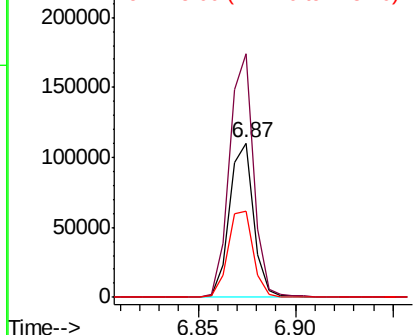
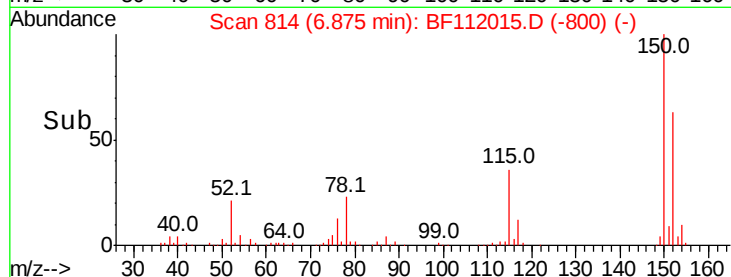
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95010
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 56.0 45.2 67.8



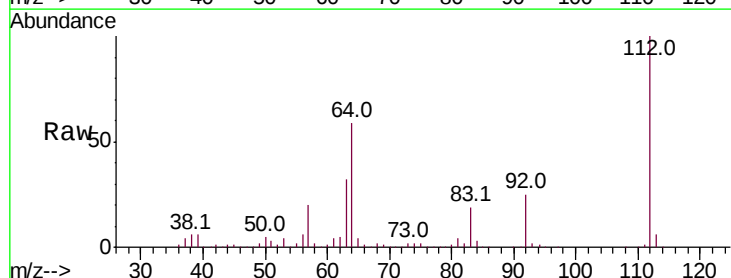
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



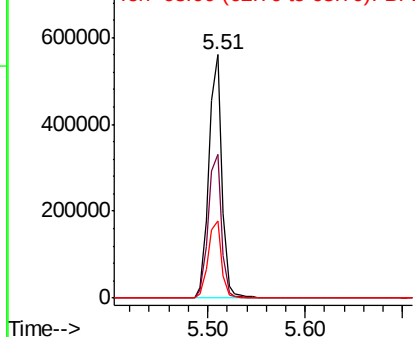
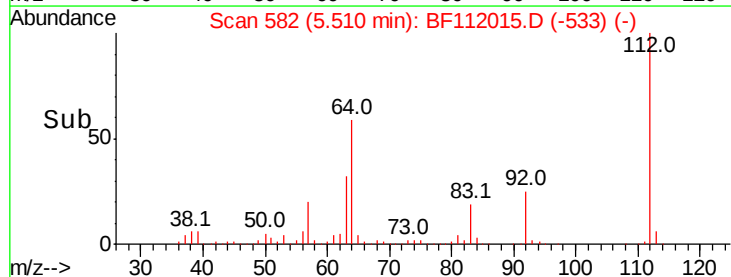
#5

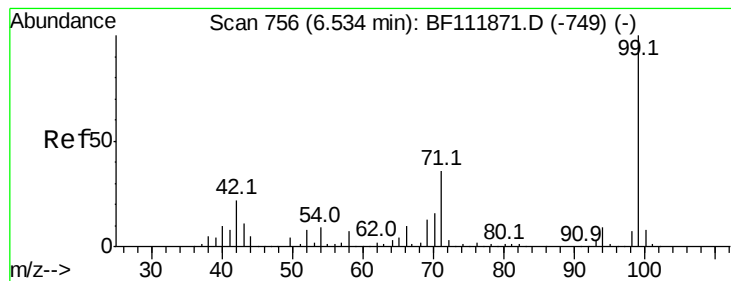
2-Fluorophenol
Concen: 94.052 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Tgt Ion:112 Resp: 522317
Ion Ratio Lower Upper
112 100
64 59.1 48.3 72.5
63 31.5 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: 90.443 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

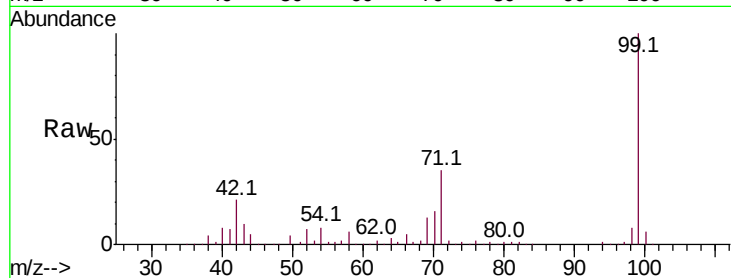
Tot Ion: 99 Resp: 647372

Ion Ratio Lower Upper

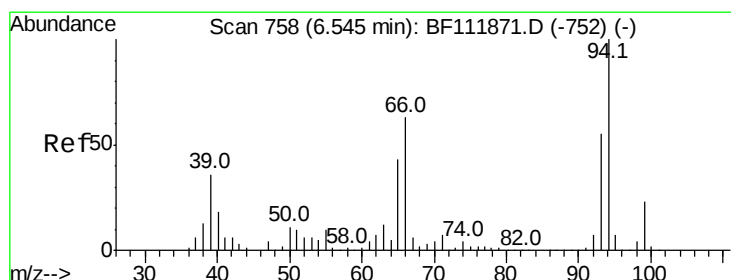
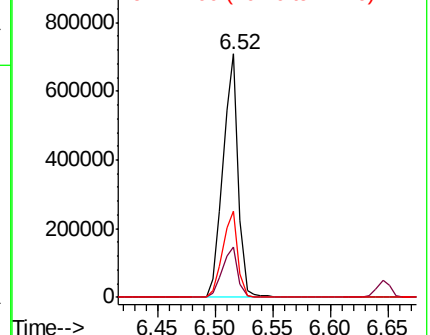
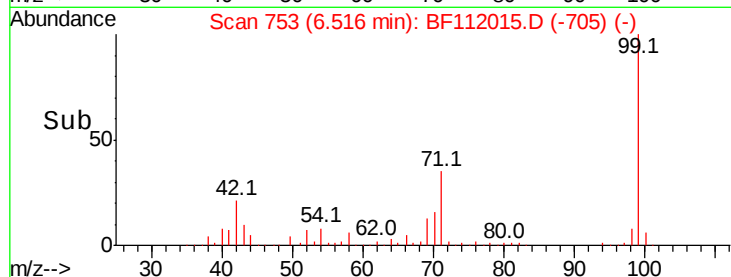
99 100

42 20.6 17.9 26.9

71 35.4 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: 5.110 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

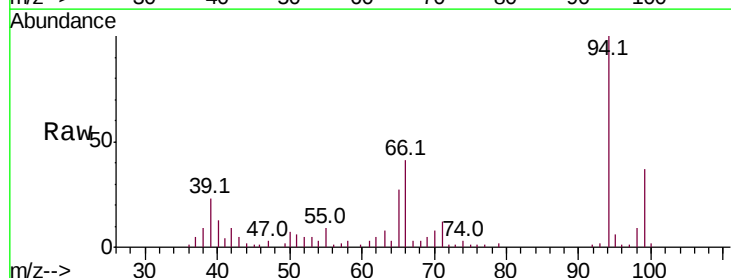
Tgt Ion: 94 Resp: 39755

Ion Ratio Lower Upper

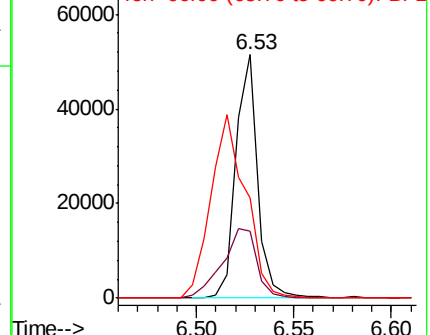
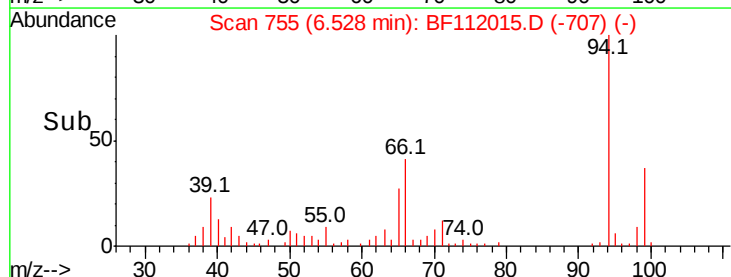
94 100

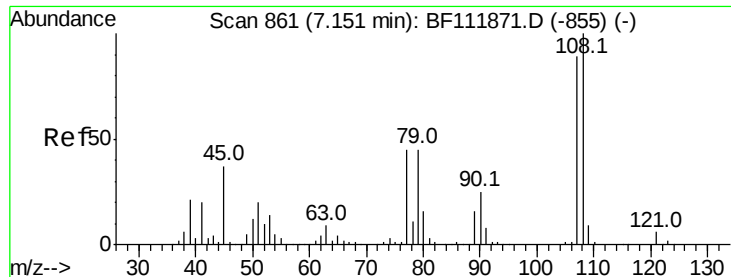
65 27.3 22.8 62.8

66 41.0 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





#17

2-Methylphenol

Concen: 20.859 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 103382

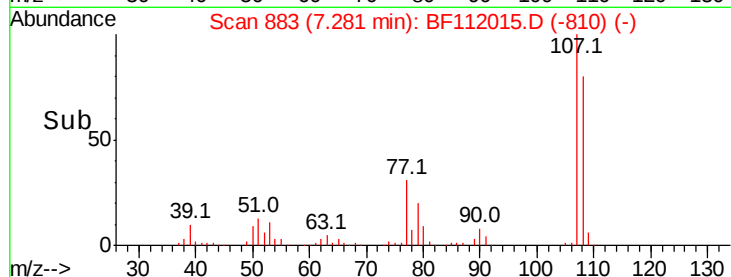
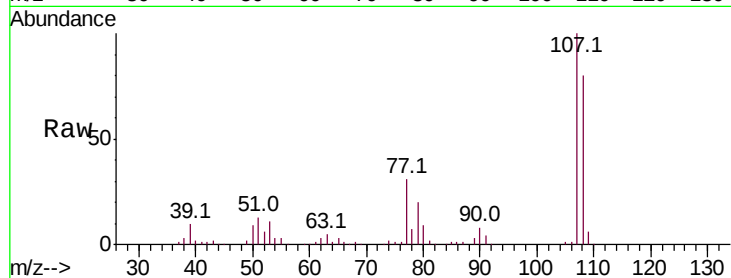
Ion Ratio Lower Upper

107 100

108 79.5 89.7 134.5#

77 30.7 40.6 60.8#

79 20.3 40.2 60.2#

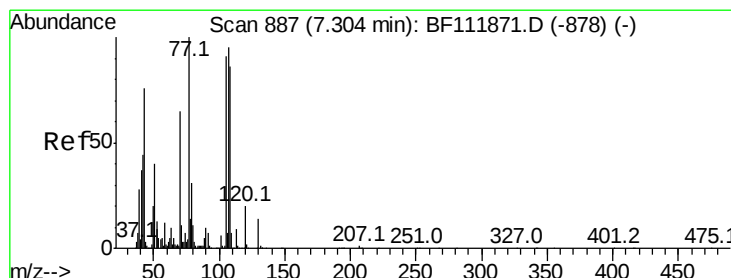
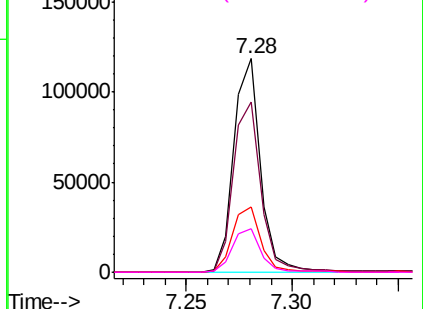


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.042 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

Tgt Ion: 70 Resp: 56006

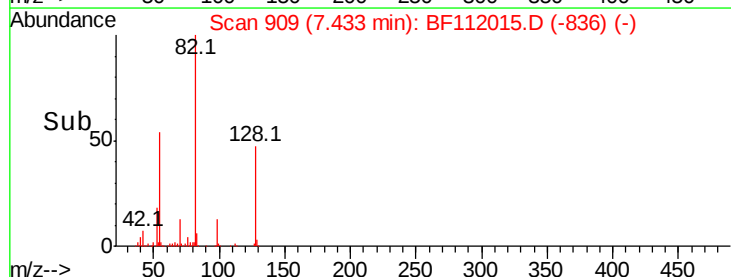
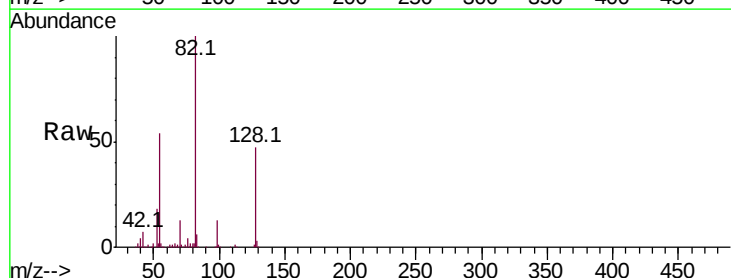
Ion Ratio Lower Upper

70 100

42 51.0 53.6 80.4#

101 0.0 7.3 10.9#

130 1.9 16.8 25.2#

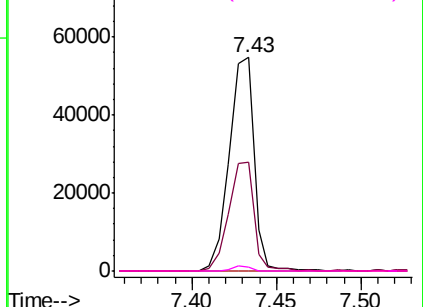


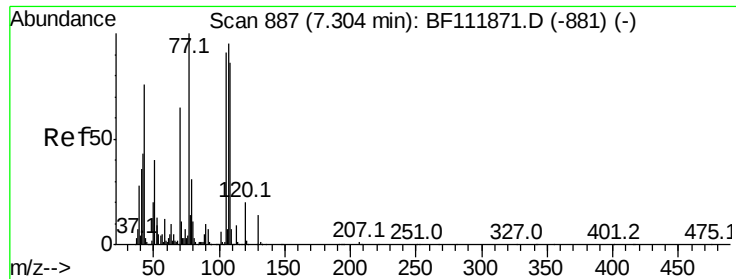
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

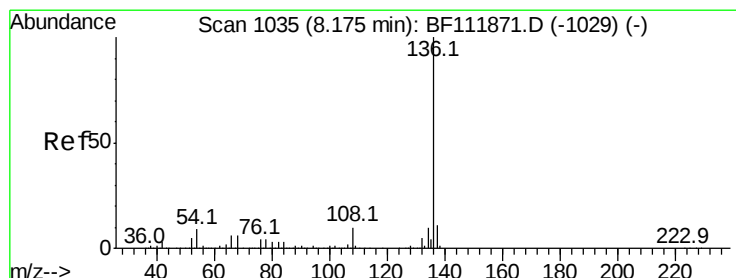
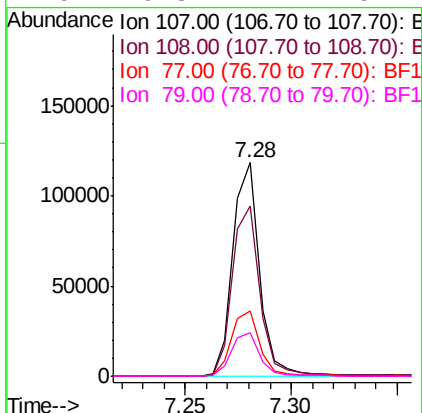
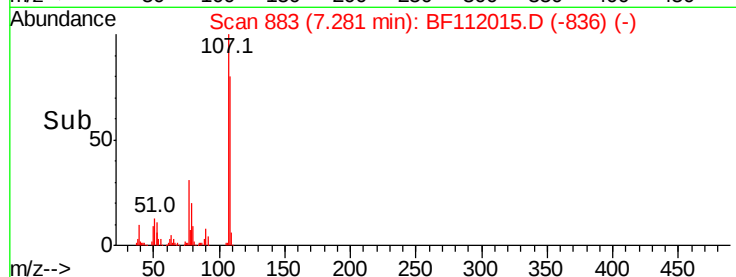
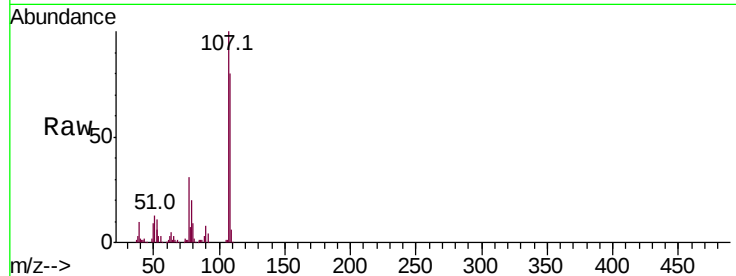




#20
 3+4-Methylphenols
 Concen: 16.760 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

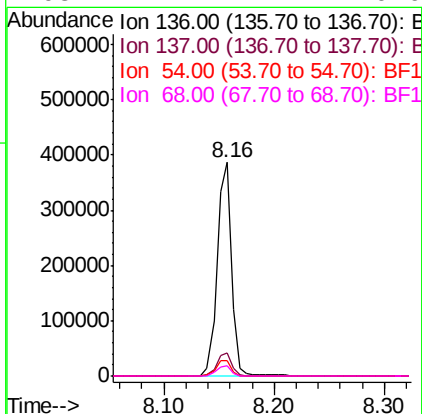
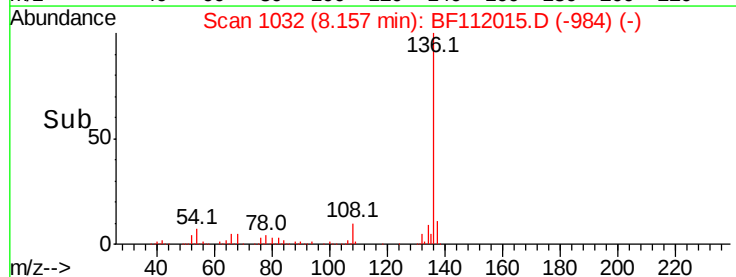
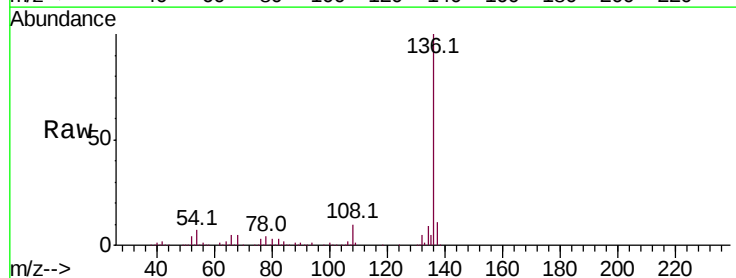
Instrument :
 BNA_F
 ClientSampleId :

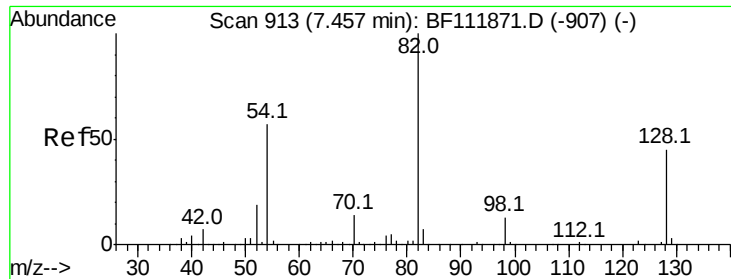
Tot Ion:	107	Resp:	103382
Ion	Ratio	Lower	Upper
107	100		
108	79.5	71.1	111.1
77	30.7	85.4	125.4#
79	20.3	12.4	52.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion:	136	Resp:	348935
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.4	7.2	10.8
68	4.7	4.4	6.6

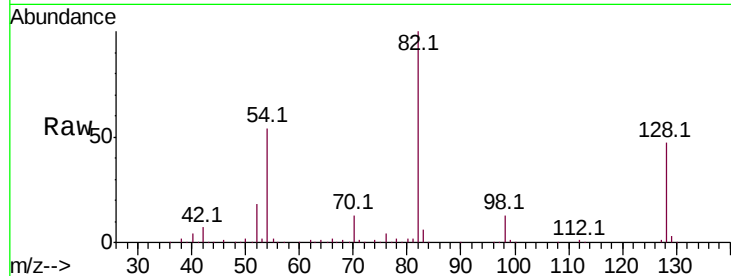




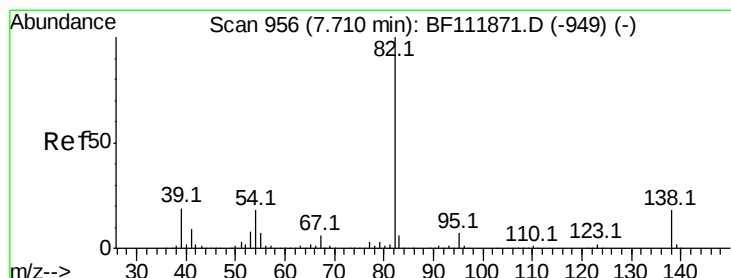
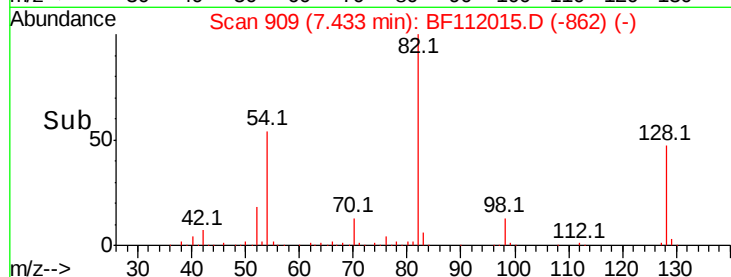
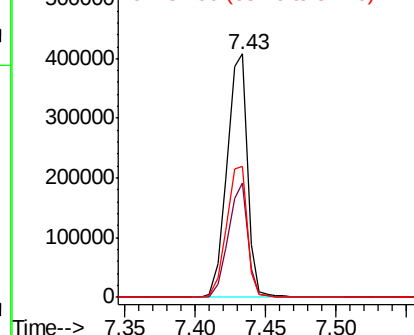
#23
 Nitrobenzene-d5
 Concen: 63.033 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 411532
 Ion Ratio Lower Upper
 82 100
 128 47.0 35.7 53.5
 54 53.8 45.8 68.8

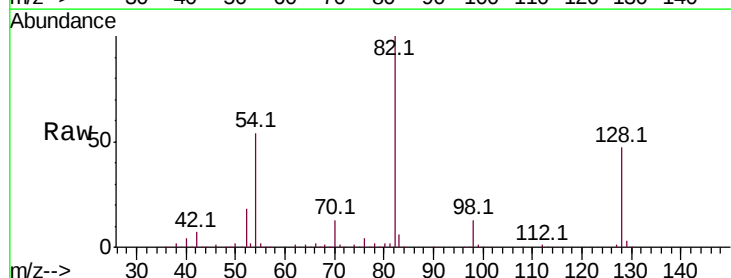


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

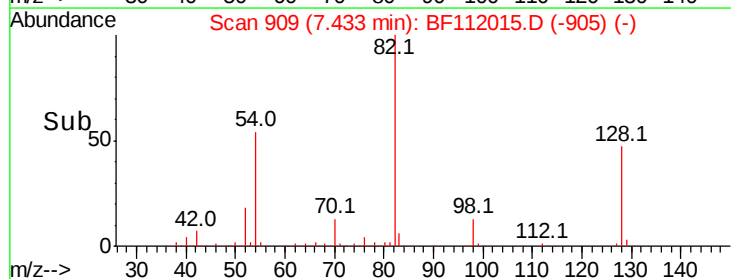
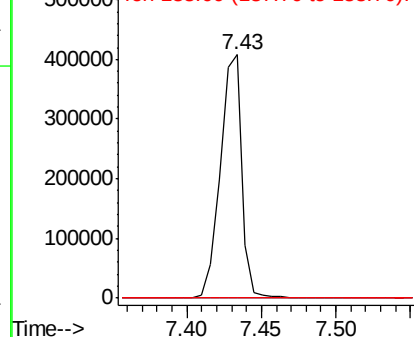


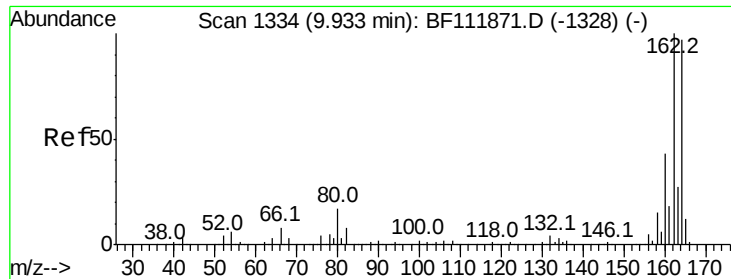
#25
 Isophorone
 Concen: 38.925 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.28 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion: 82 Resp: 411525
 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: BF112015.D

Acq: 11 Jan 2019 15:13

Instrument :

BNA_F

ClientSampleId :

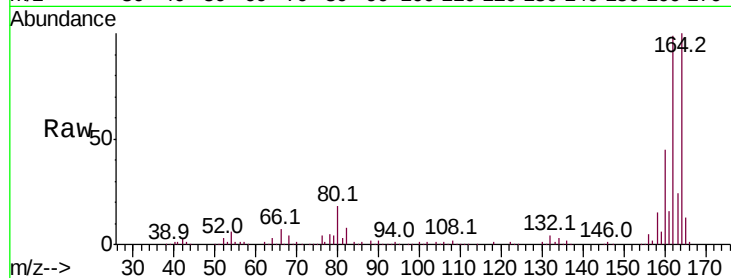
Tot Ion:164 Resp: 159919

Ion Ratio Lower Upper

164 100

162 99.1 82.2 123.2

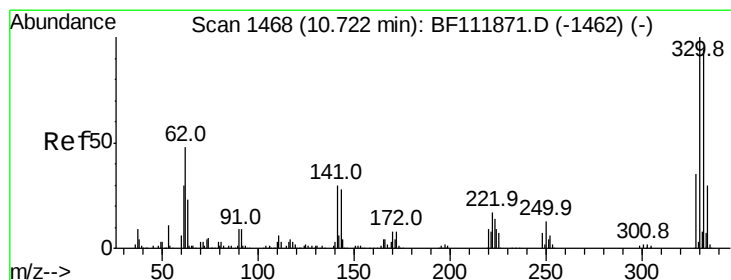
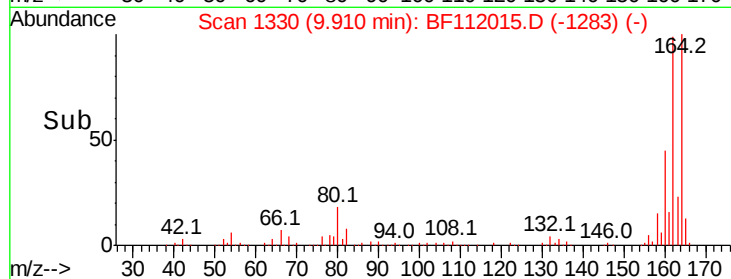
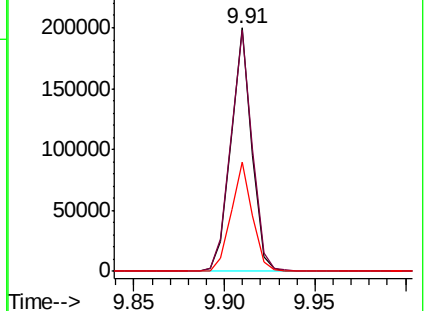
160 44.9 35.5 53.3



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: 80.861 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF112015.D

Acq: 11 Jan 2019 15:13

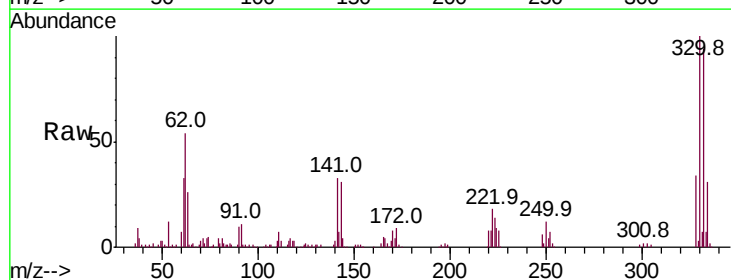
Tgt Ion:330 Resp: 168195

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

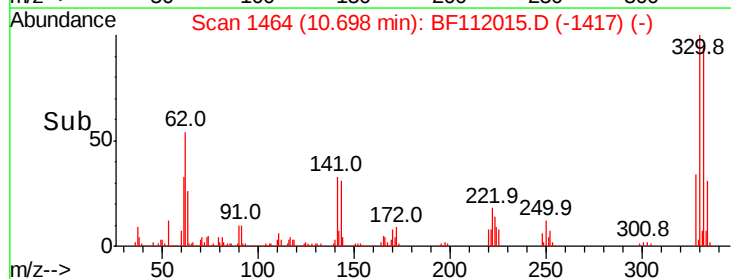
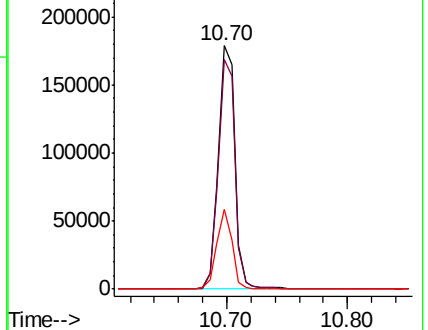
141 30.2 23.7 35.5

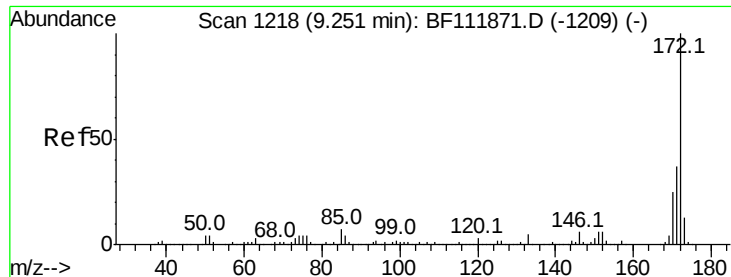


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

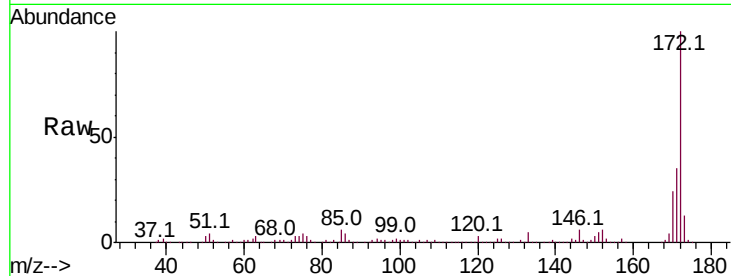




#45
2-Fluorobiphenyl
Concen: 65.642 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.6	19.8	29.8

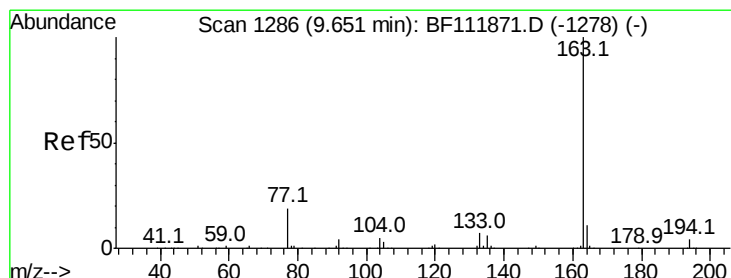
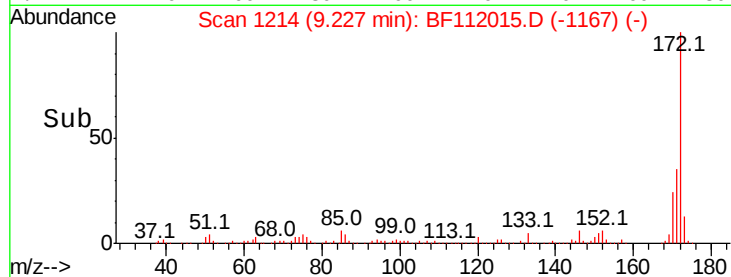
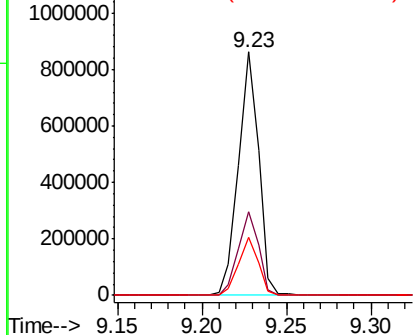


Abundance

Ion 172.00 (171.70 to 172.70): E

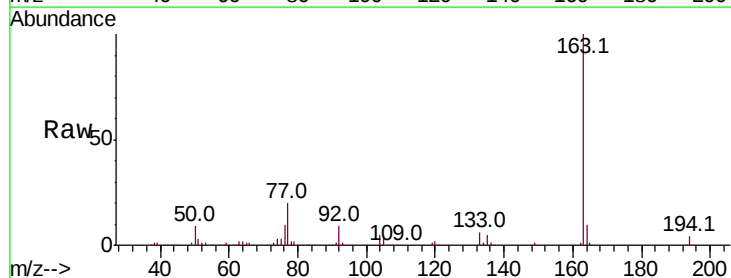
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 14.624 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF112015.D
Acq: 11 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.5	12.7

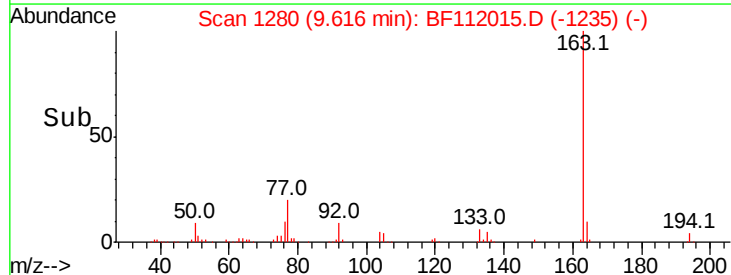
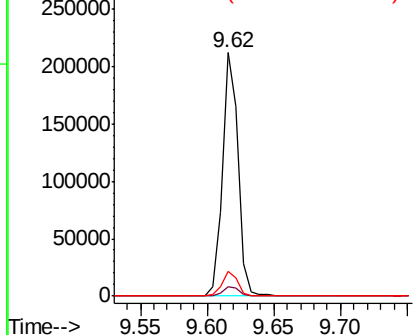


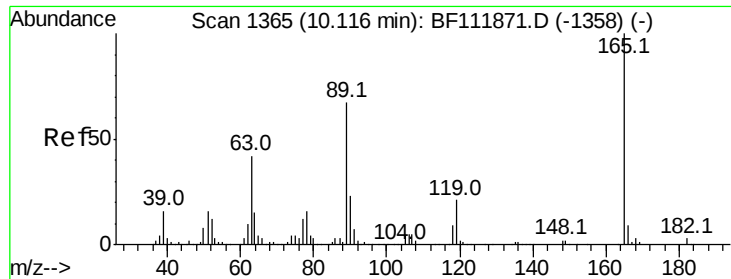
Abundance

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

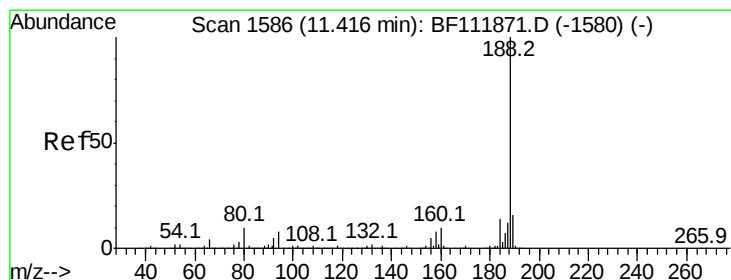
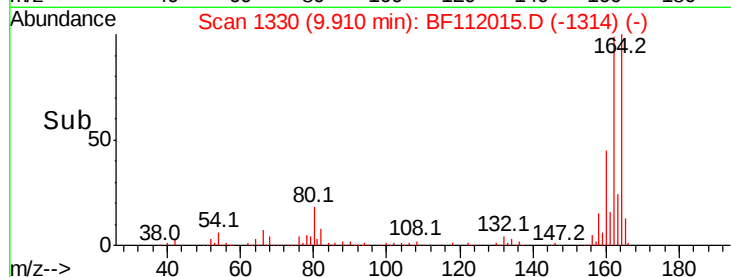
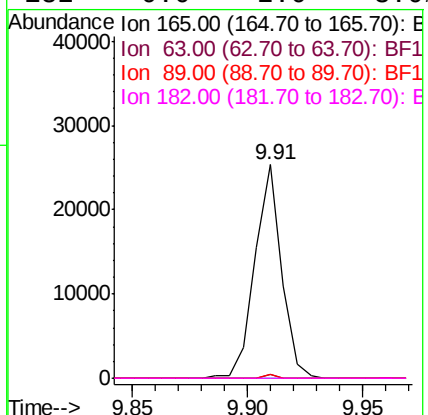
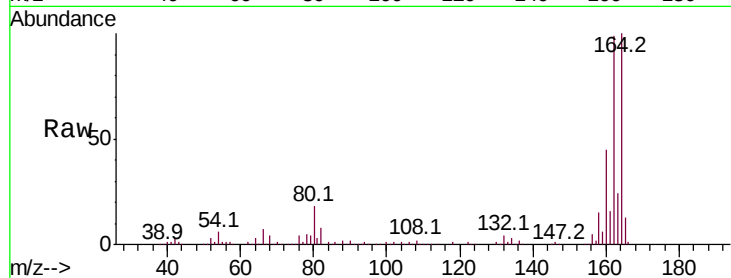




#57
 2,4-Dinitrotoluene
 Concen: 5.916 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

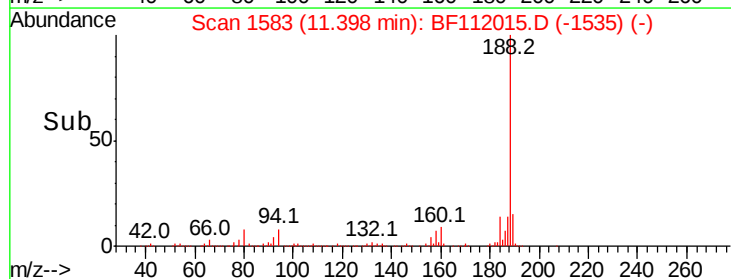
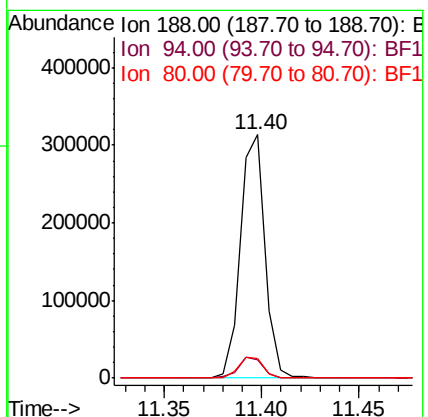
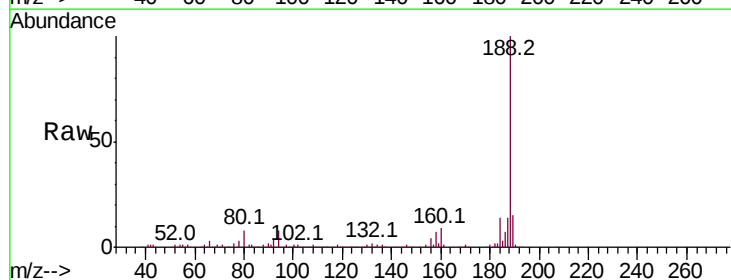
Instrument :
 BNA_F
 ClientSampleId :

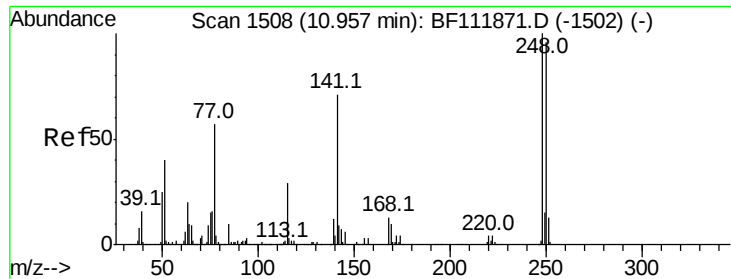
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.1	51.1#
89	1.7	53.5	80.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	10.0
80	8.1	7.7	11.5

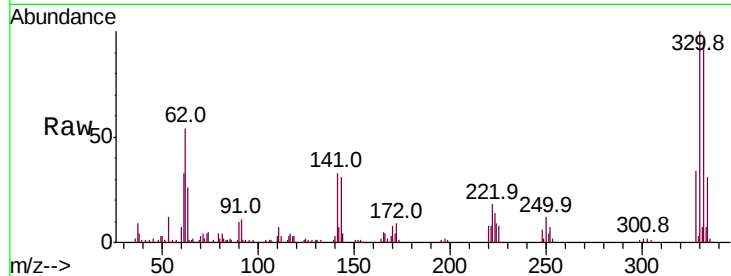




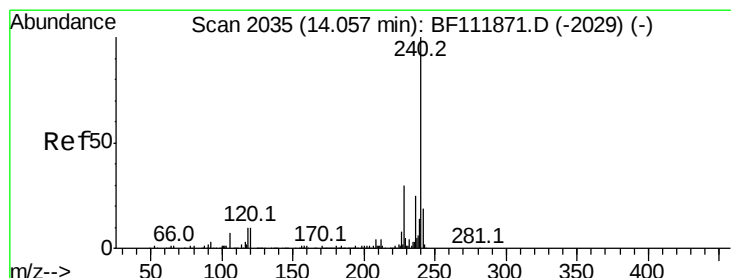
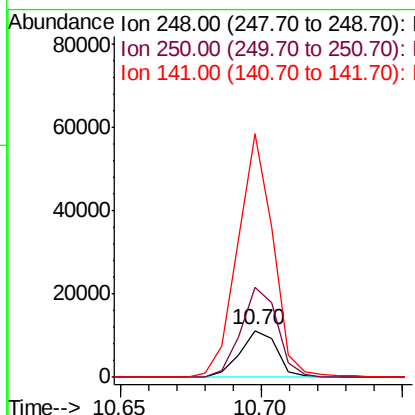
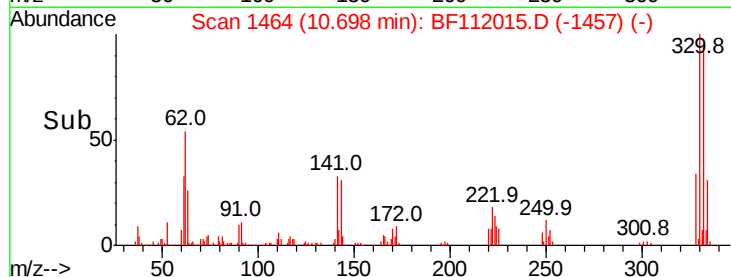
#67
 4-Bromophenyl-phenylether
 Concen: 2.877 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10194
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.8 115.2#
 141 520.1 57.0 85.6#

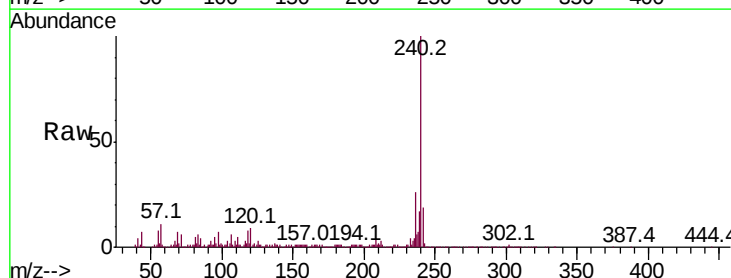


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

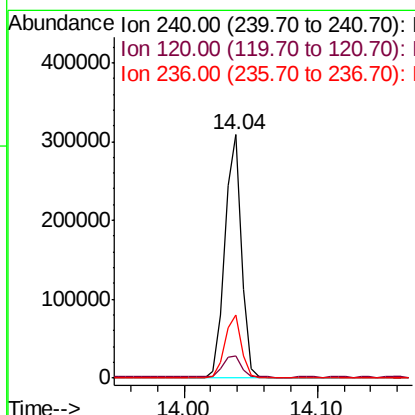
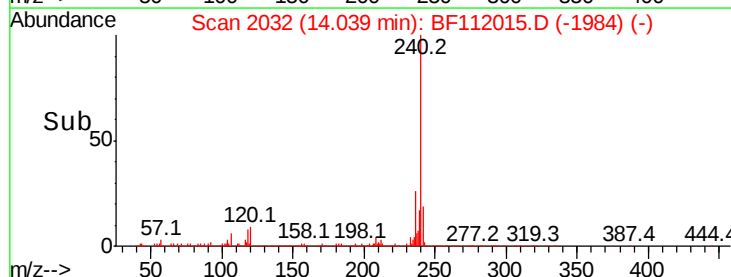


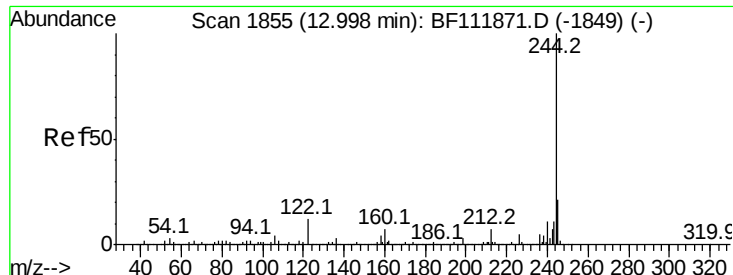
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion:240 Resp: 274004
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.2 12.2
 236 25.8 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

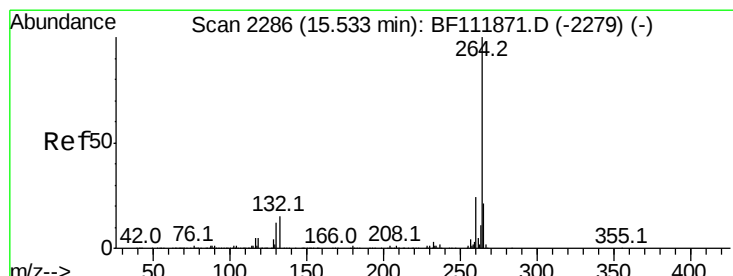
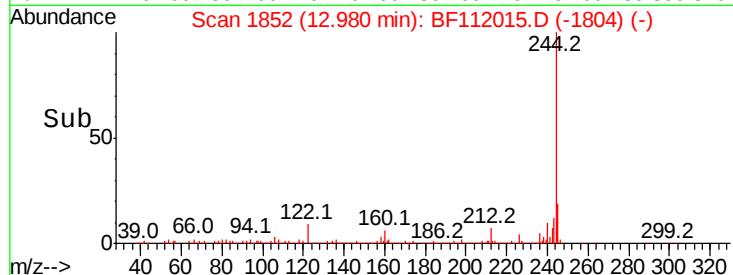
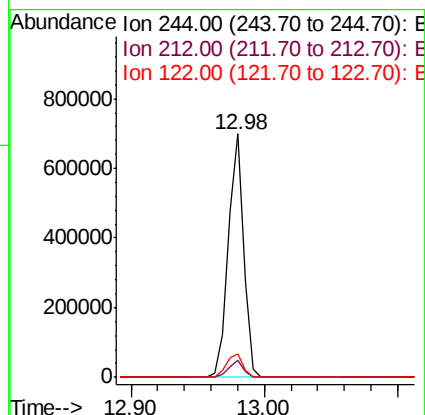
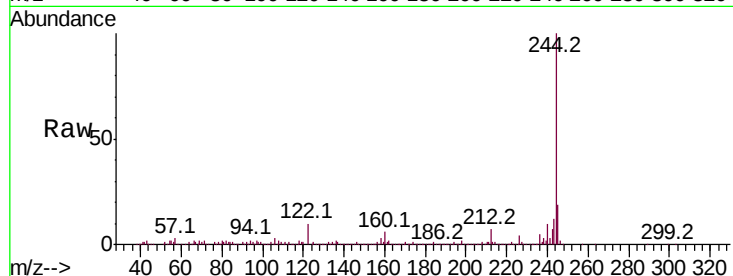




#79
 Terphenyl-d14
 Concen: 39.568 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 571151
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.5 9.5 14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF112015.D
 Acq: 11 Jan 2019 15:13

Tgt Ion:264 Resp: 258081
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 17.1 25.7

