

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111994.D
 Acq On : 10 Jan 2019 18:22
 Operator : JU/SJ
 Sample : K1100-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:52:50 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

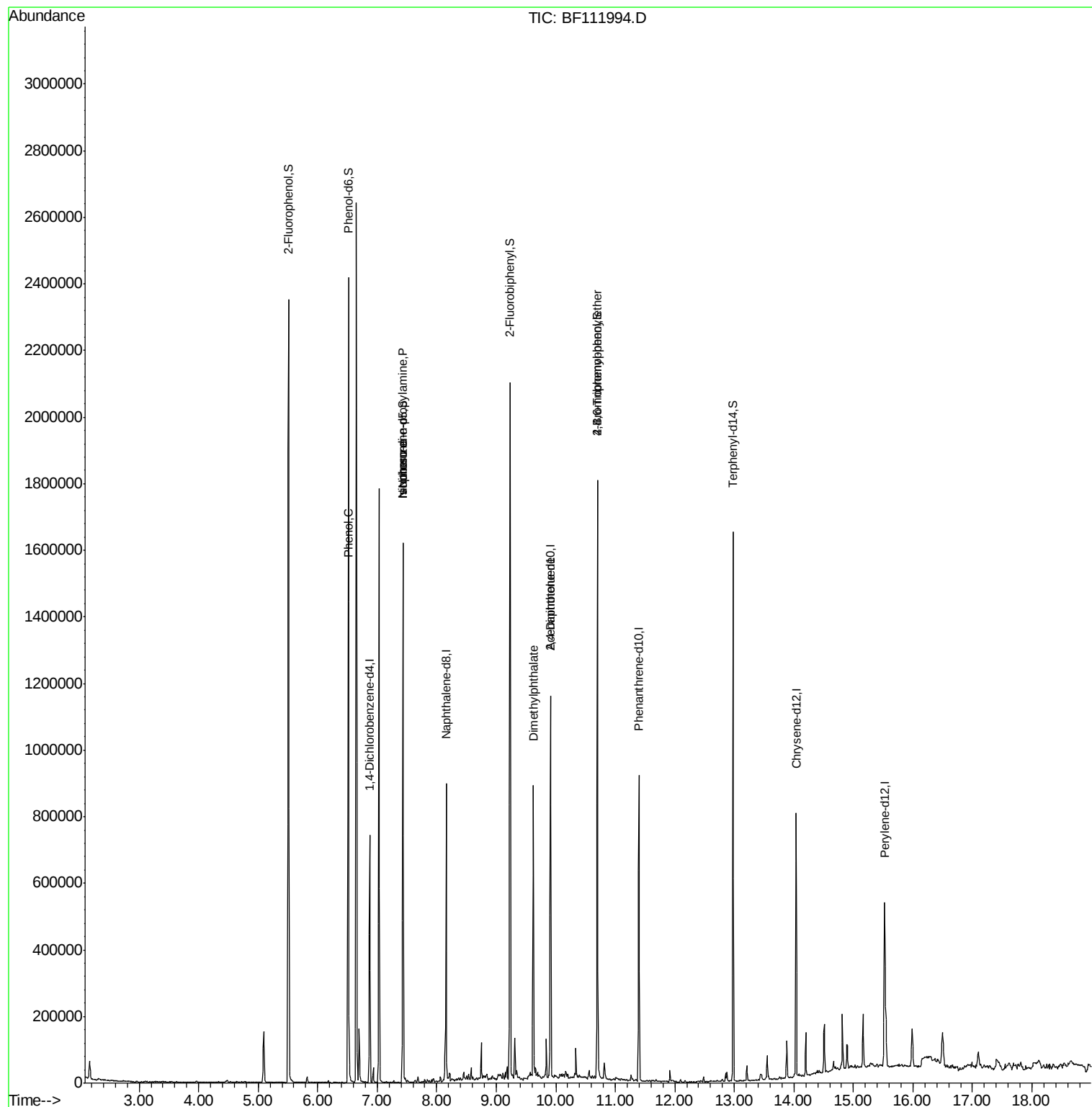
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	98964	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	369006	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	211459	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	310146	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	262461	20.00	ng	-0.02
87) Perylene-d12	15.53	264	242950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	609764	105.41	ng	-0.01
7) Phenol-d6	6.52	99	819298	109.89	ng	-0.02
23) Nitrobenzene-d5	7.43	82	499922	72.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	233717	84.97	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	681446	46.99	ng	-0.02
79) Terphenyl-d14	12.98	244	526056	38.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1411	Below Cal		Qvalue
10) Phenol	6.53	94	16982	2.096	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	67118	13.855	ng	# 76
25) Isophorone	7.43	82	499917	44.714	ng	# 65
50) Dimethylphthalate	9.62	163	309238	19.467	ng	# 99
57) 2,4-Dinitrotoluene	9.91	165	27458	5.982	ng	# 27
67) 4-Bromophenyl-phenylether	10.70	248	14177	3.529	ng	# 1

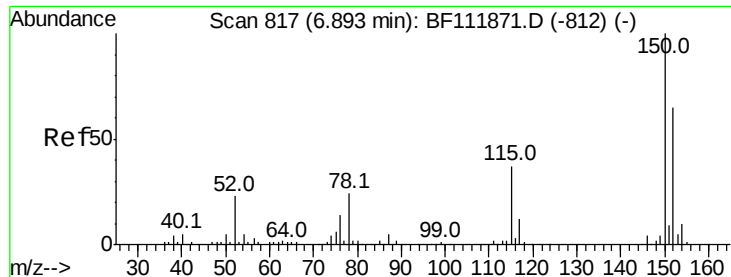
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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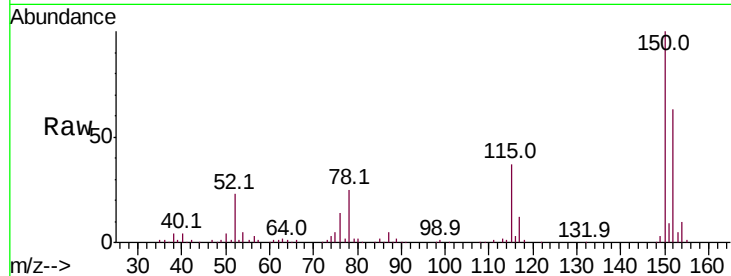


#1

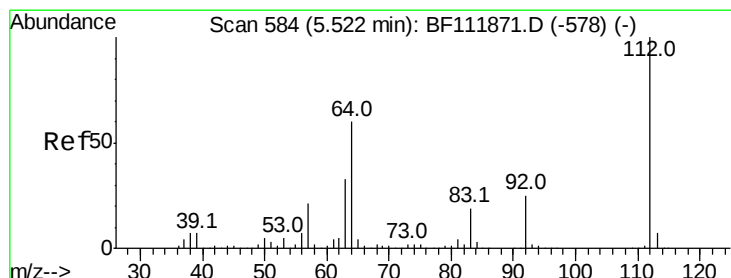
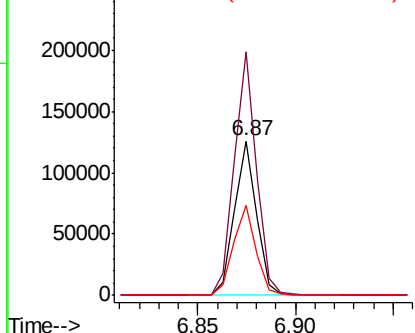
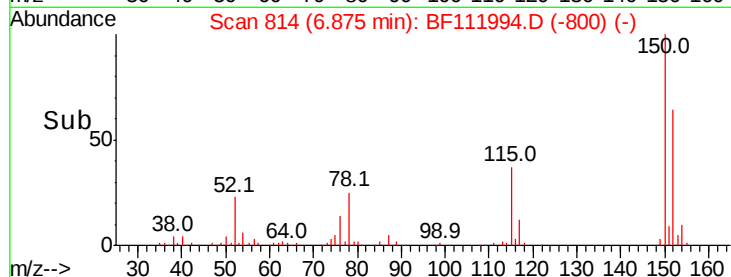
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 98964
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.7 184.1
 115 58.3 45.2 67.8



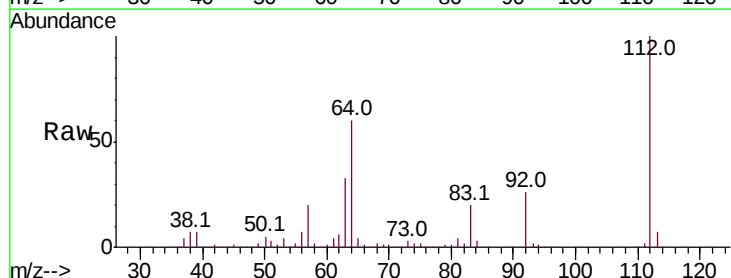
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



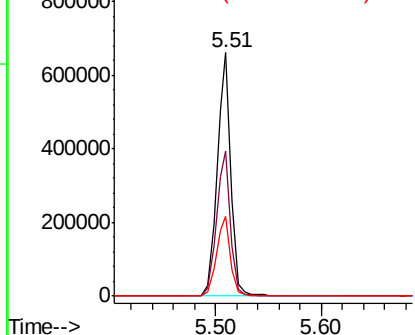
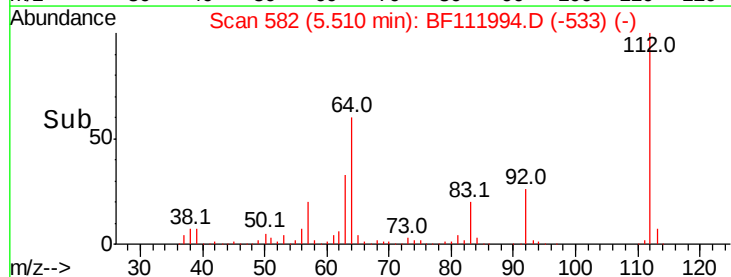
#5

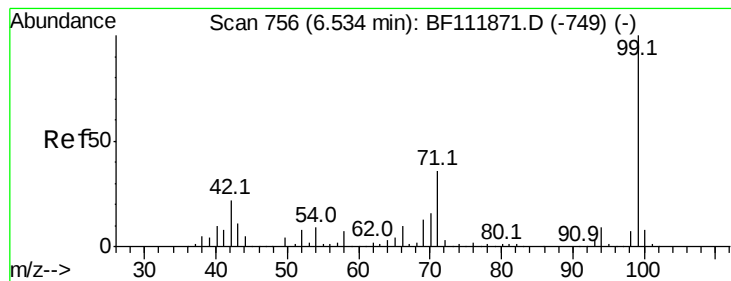
2-Fluorophenol
 Concen: 105.411 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Tgt Ion:112 Resp: 609764
 Ion Ratio Lower Upper
 112 100
 64 59.6 48.3 72.5
 63 32.9 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: 109.889 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

Instrument :

BNA_F

ClientSampled :

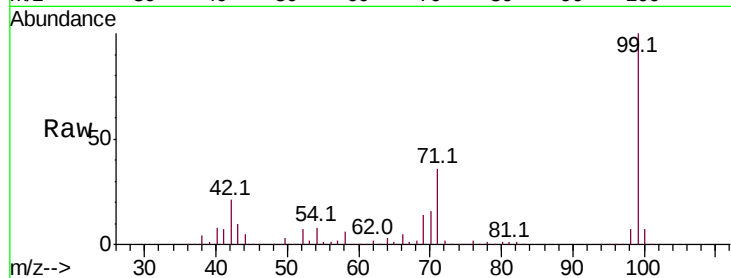
Tot Ion: 99 Resp: 819298

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

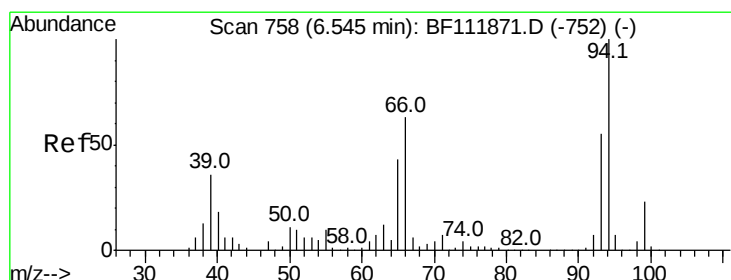
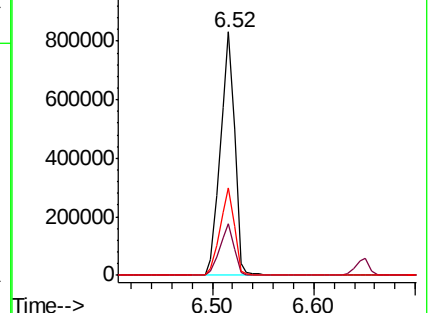
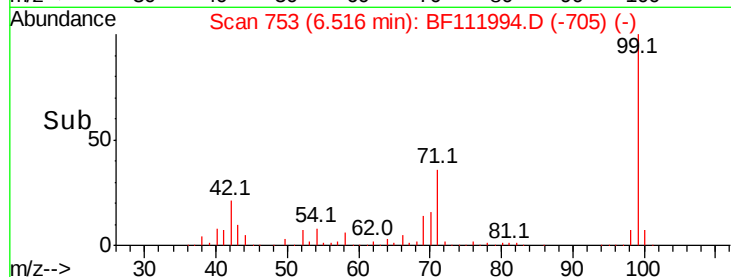
71 35.8 28.7 43.1



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: 2.096 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

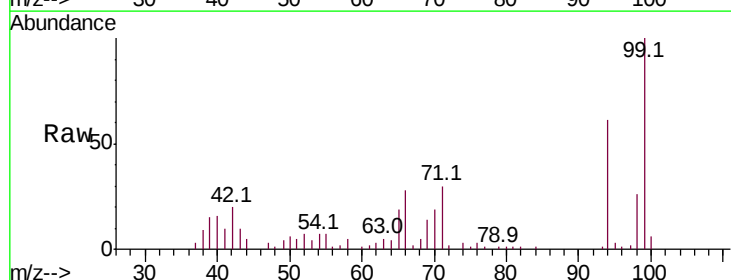
Tgt Ion: 94 Resp: 16982

Ion Ratio Lower Upper

94 100

65 30.8 22.8 62.8

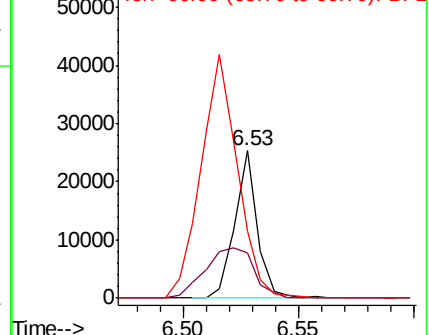
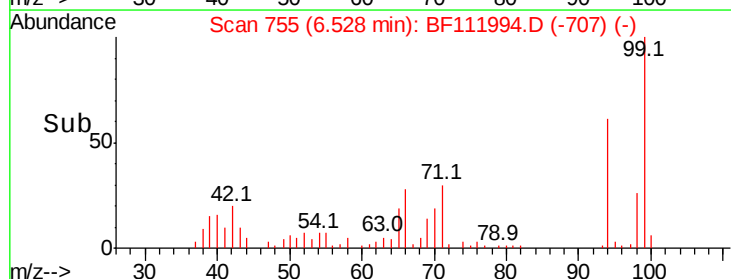
66 45.9 43.3 83.3

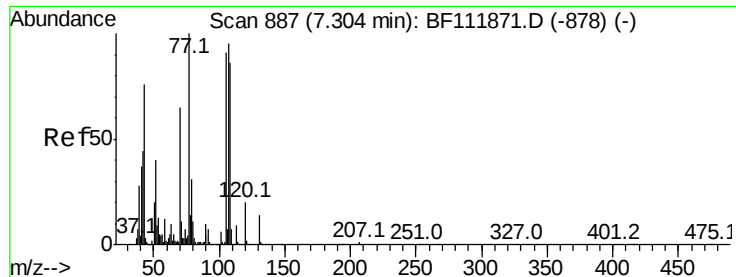


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

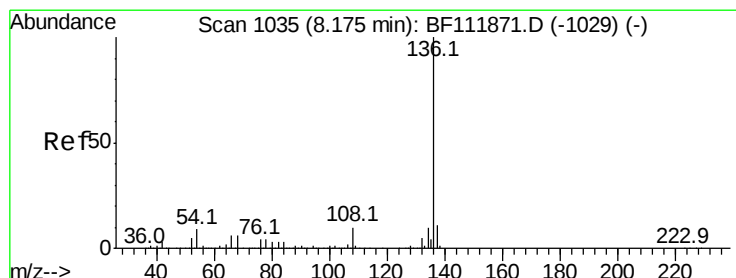
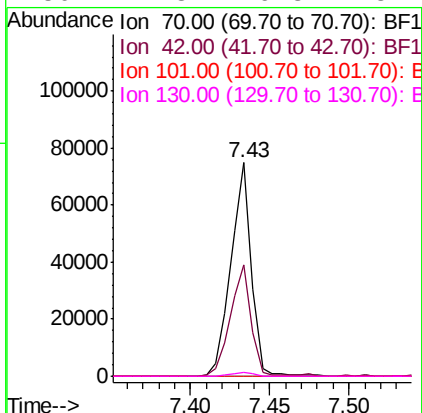
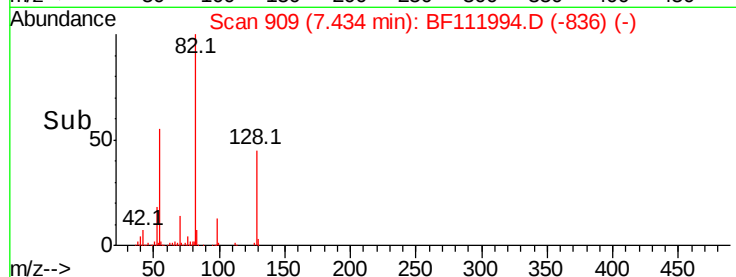
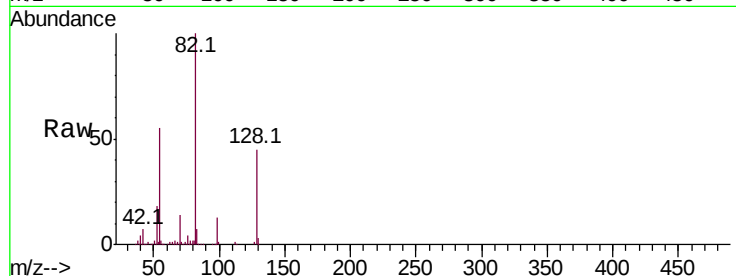




#19
n-Nitroso-di-n-propylamine
Concen: 13.855 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

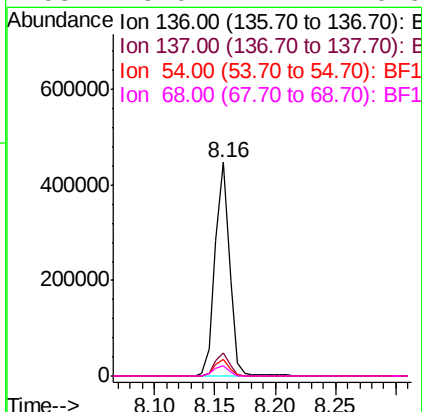
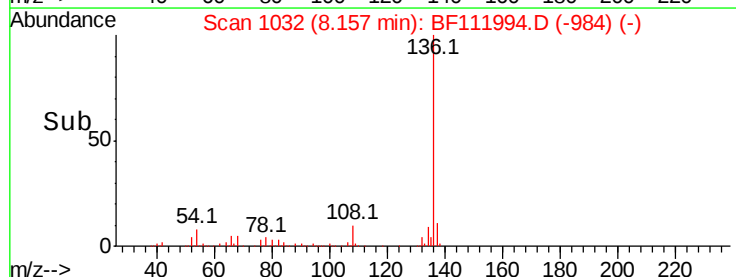
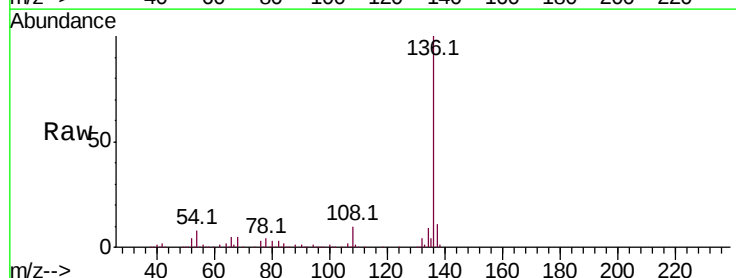
Instrument :
BNA_F
ClientSampleId :

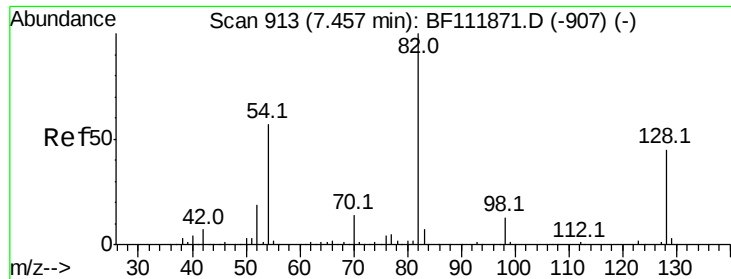
Tot Ion: 70 Resp: 67118
Ion Ratio Lower Upper
70 100
42 52.1 53.6 80.4#
101 0.0 7.3 10.9#
130 1.8 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion: 136 Resp: 369006
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.7 7.2 10.8
68 5.0 4.4 6.6

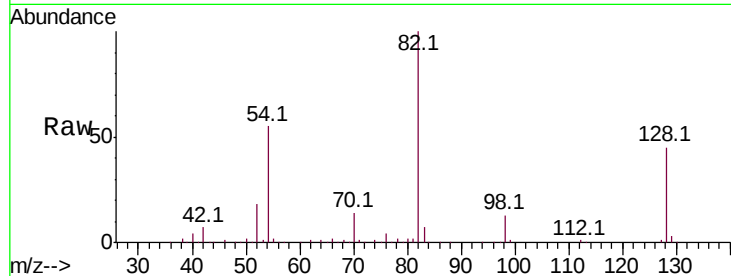




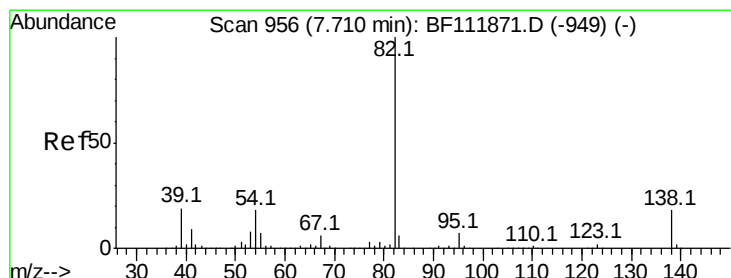
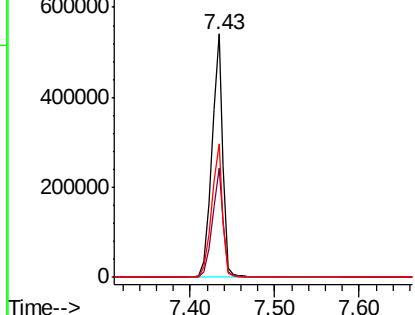
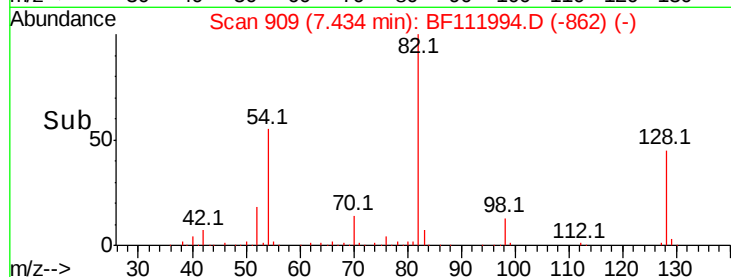
#23
Nitrobenzene-d5
Concen: 72.407 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	54.9	45.8	68.8

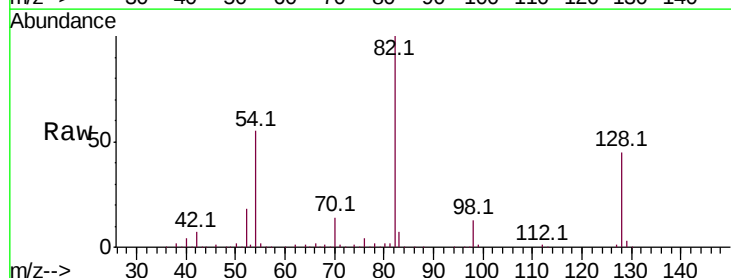


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

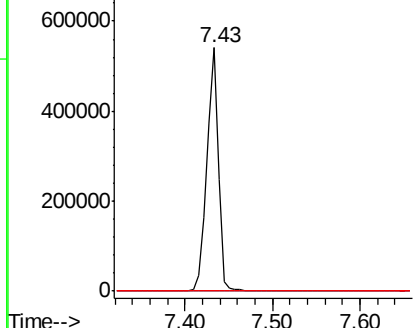
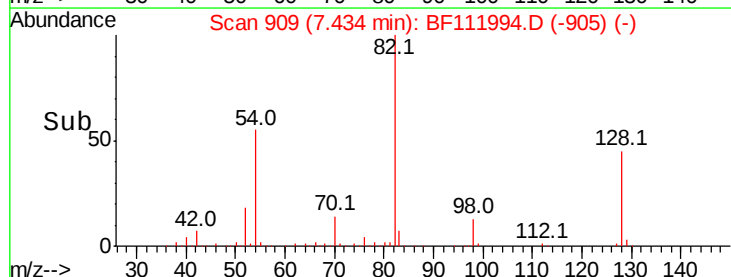


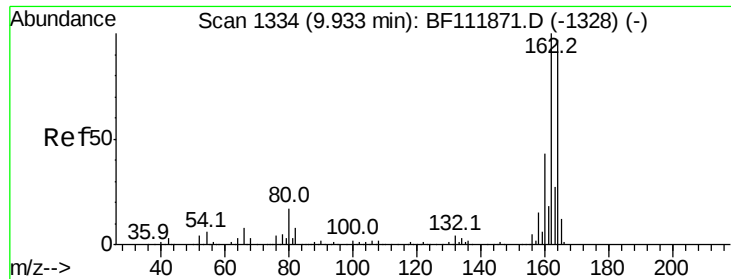
#25
Isophorone
Concen: 44.714 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt 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

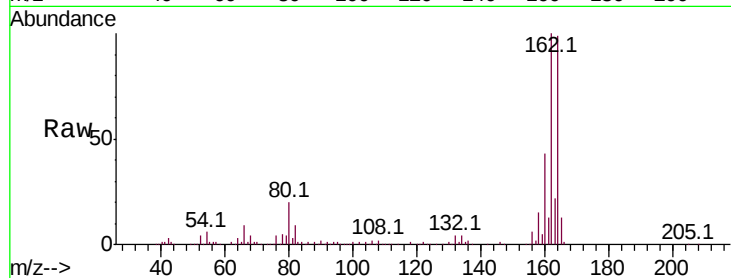




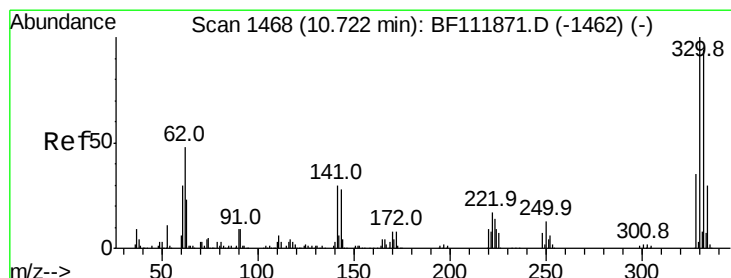
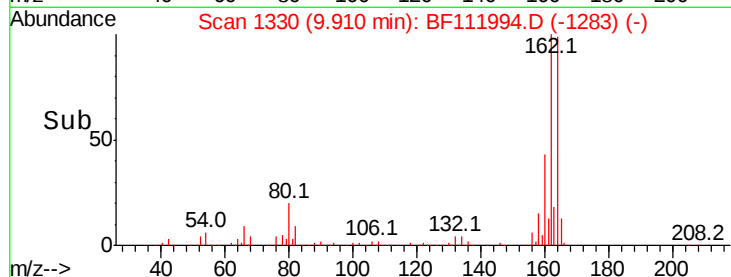
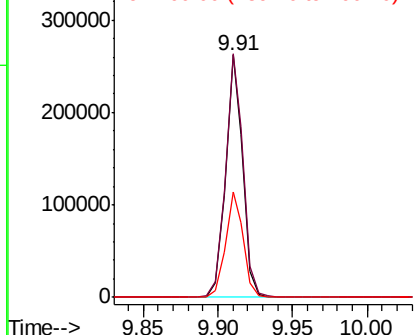
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 211459
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 43.6 35.5 53.3

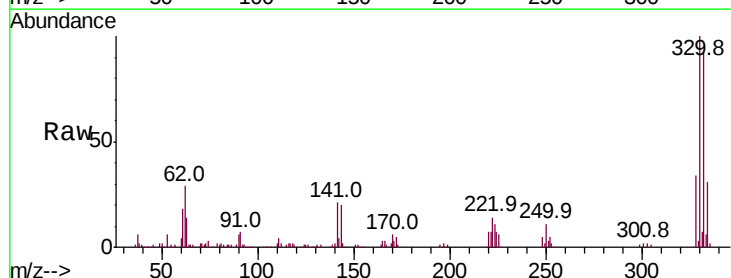


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

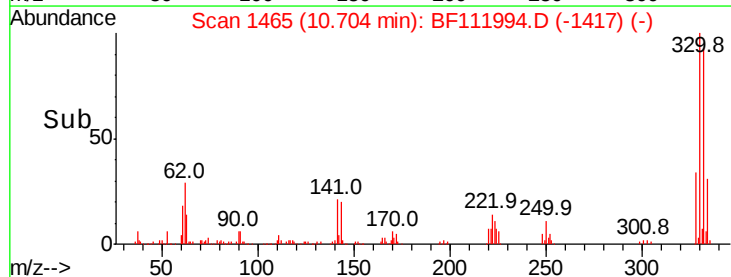
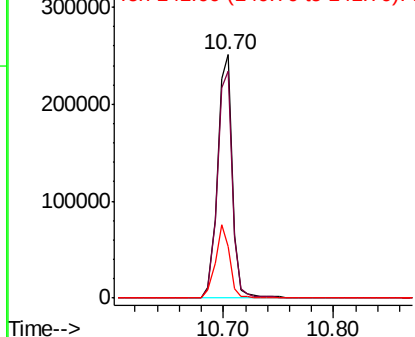


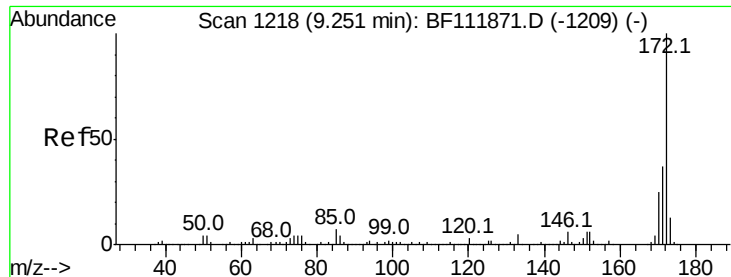
#42
2,4,6-Tribromophenol
Concen: 84.974 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:330 Resp: 233717
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 28.6 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

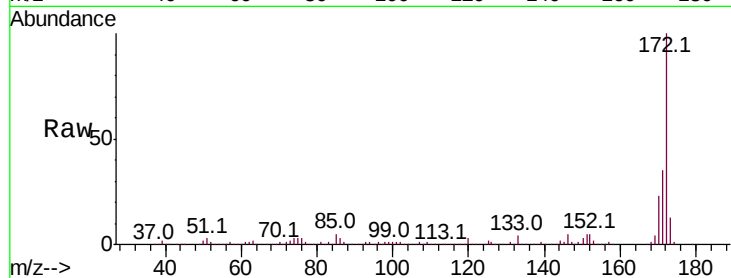




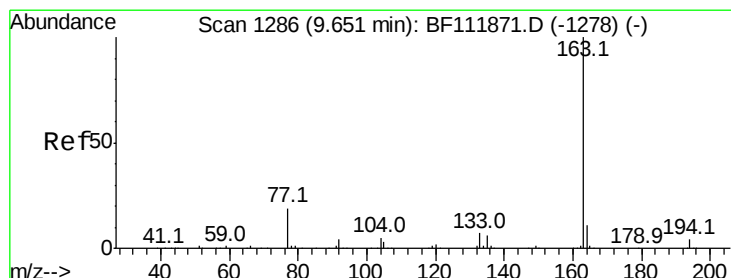
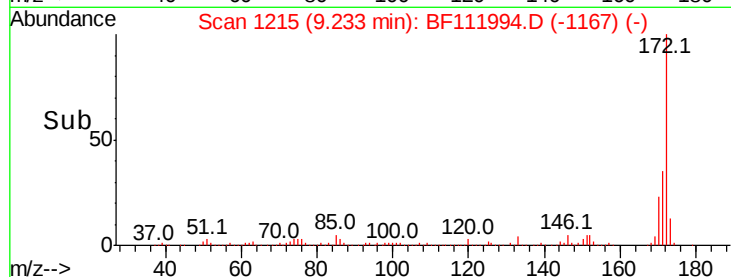
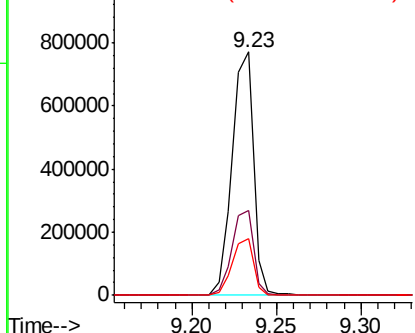
#45
2-Fluorobiphenyl
Concen: 46.992 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 681446
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.3 19.8 29.8

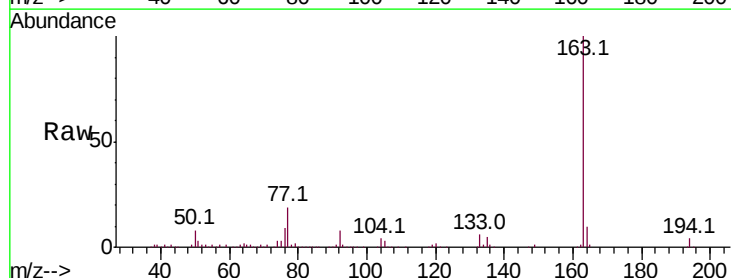


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

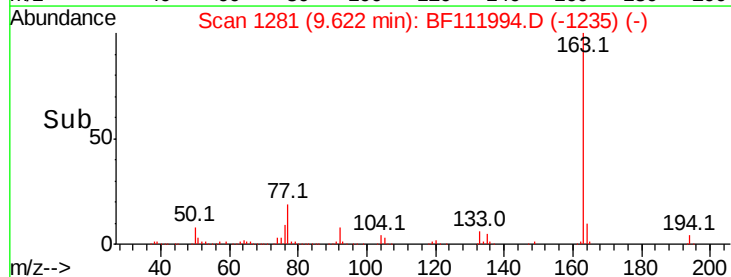
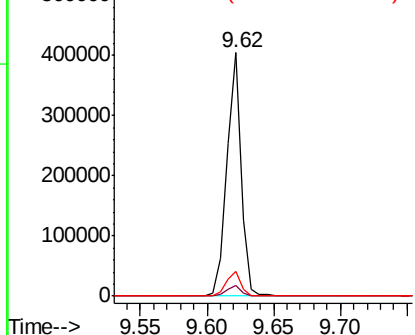


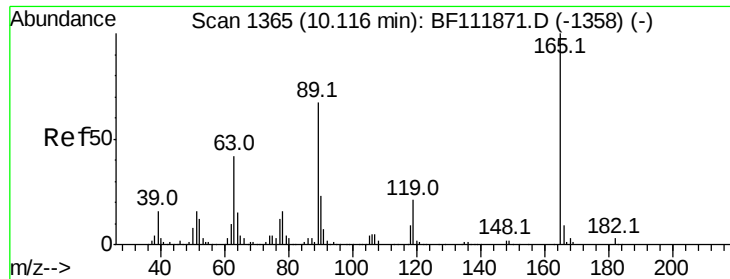
#50
Dimethylphthalate
Concen: 19.467 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:163 Resp: 309238
Ion Ratio Lower Upper
163 100
194 4.2 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

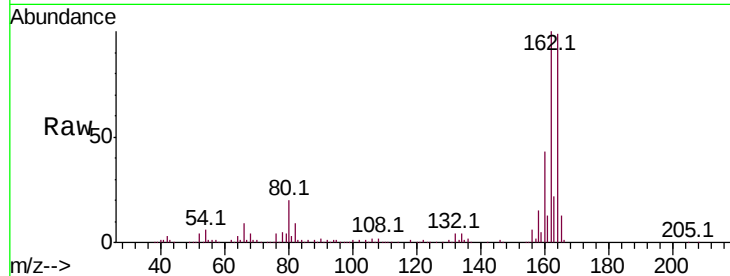




#57
 2,4-Dinitrotoluene
 Concen: 5.982 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.1	51.1#
89	1.6	53.5	80.3#
182	0.0	2.0	3.0#



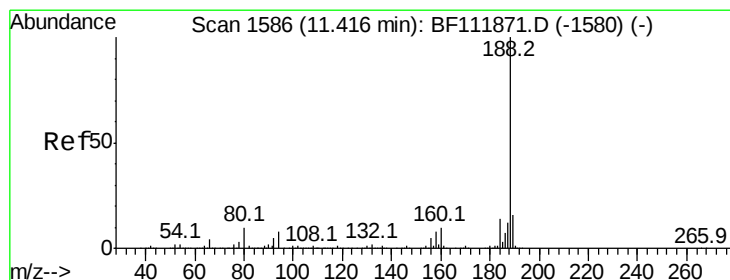
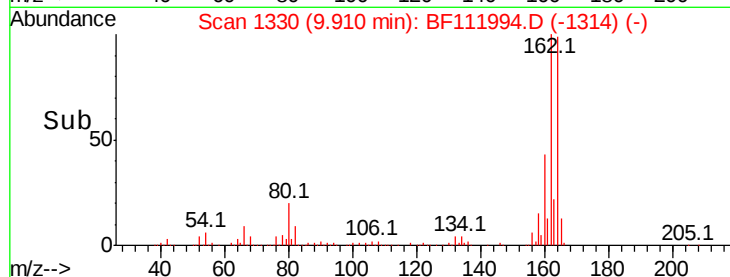
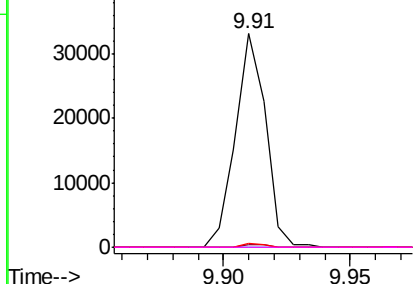
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

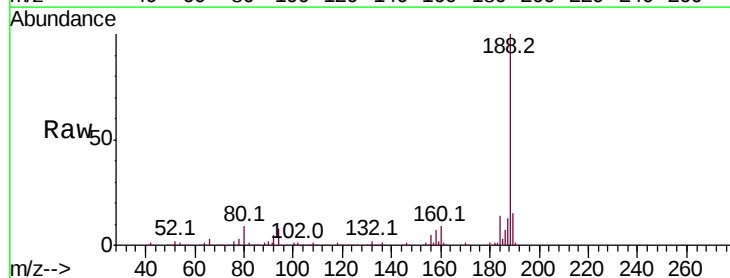
Ion 89.00 (88.70 to 89.70): BF1

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: BF111994.D
 Acq: 10 Jan 2019 18:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.8	7.7	11.5

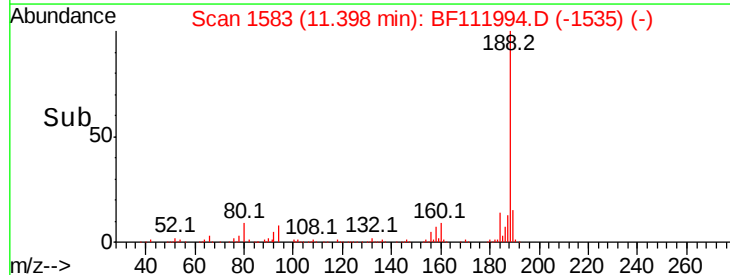
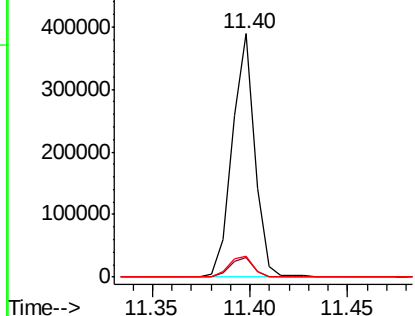


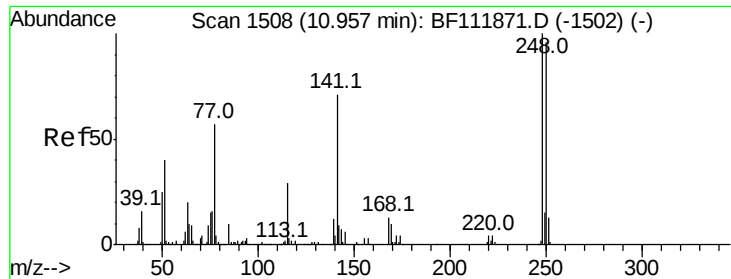
Abundance

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

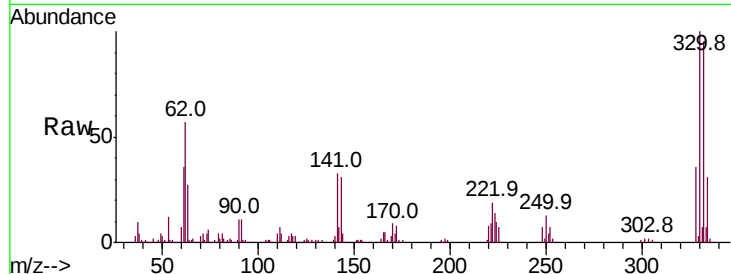




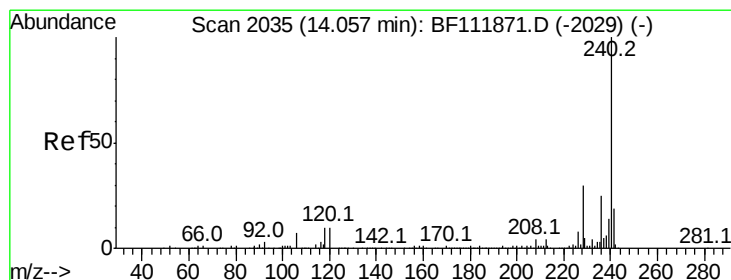
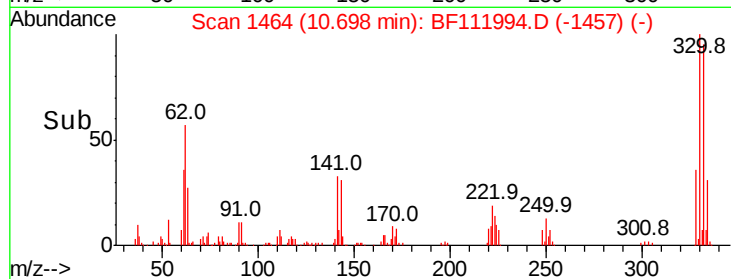
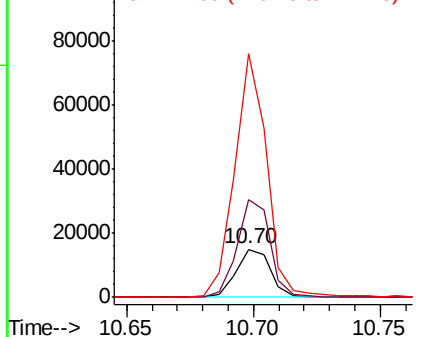
#67
 4-Bromophenyl-phenylether
 Concen: 3.529 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14177
 Ion Ratio Lower Upper
 248 100
 250 203.4 76.8 115.2#
 141 508.0 57.0 85.6#

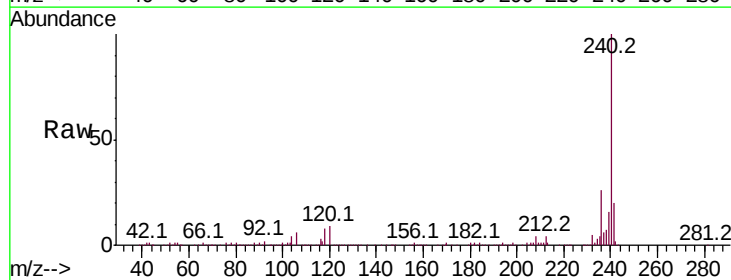


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

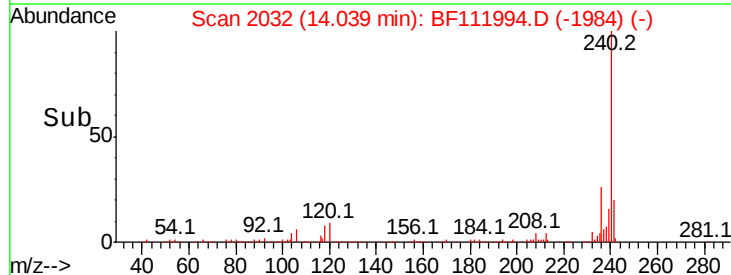
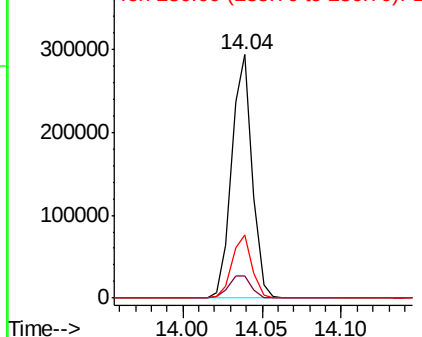


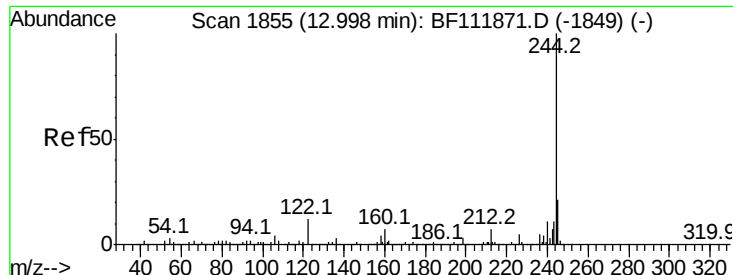
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Tgt Ion:240 Resp: 262461
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.2 12.2
 236 26.0 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

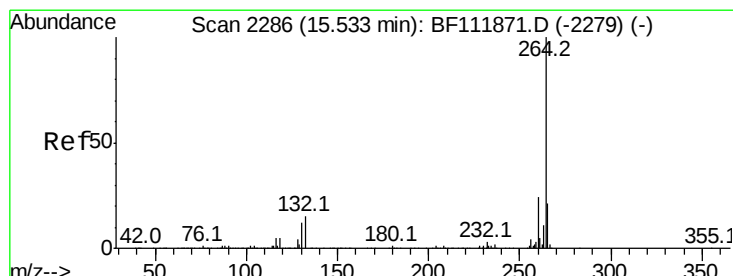
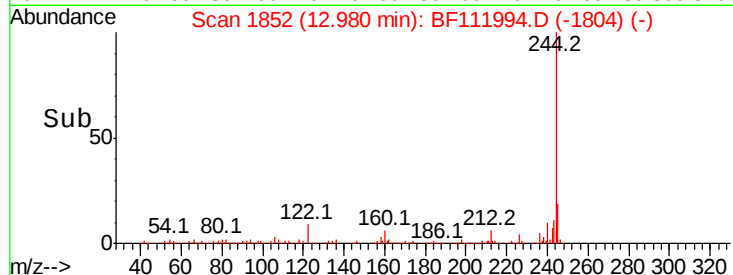
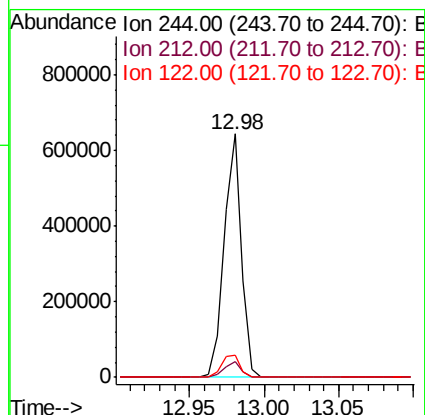
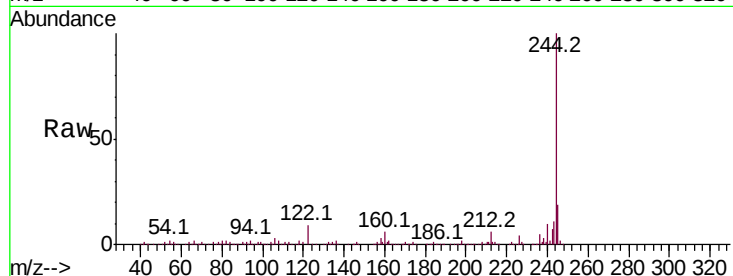




#79
 Terphenyl-d14
 Concen: 38.046 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.0	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF111994.D
 Acq: 10 Jan 2019 18:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.1	25.7

