

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112988.D
 Acq On : 12 Mar 2019 7:07
 Operator : JU/SJ
 Sample : K1817-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 09:31:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	70392	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	280101	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	156979	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	362283	20.00	ng	0.00
76) Chrysene-d12	13.86	240	269269	20.00	ng	-0.01
87) Perylene-d12	15.27	264	197754	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	427887	94.56	ng	-0.02
7) Phenol-d6	6.36	99	581864	102.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	328308	70.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	229617	137.78	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	670894	66.96	ng	-0.01
79) Terphenyl-d14	12.82	244	870118	62.64	ng	-0.01

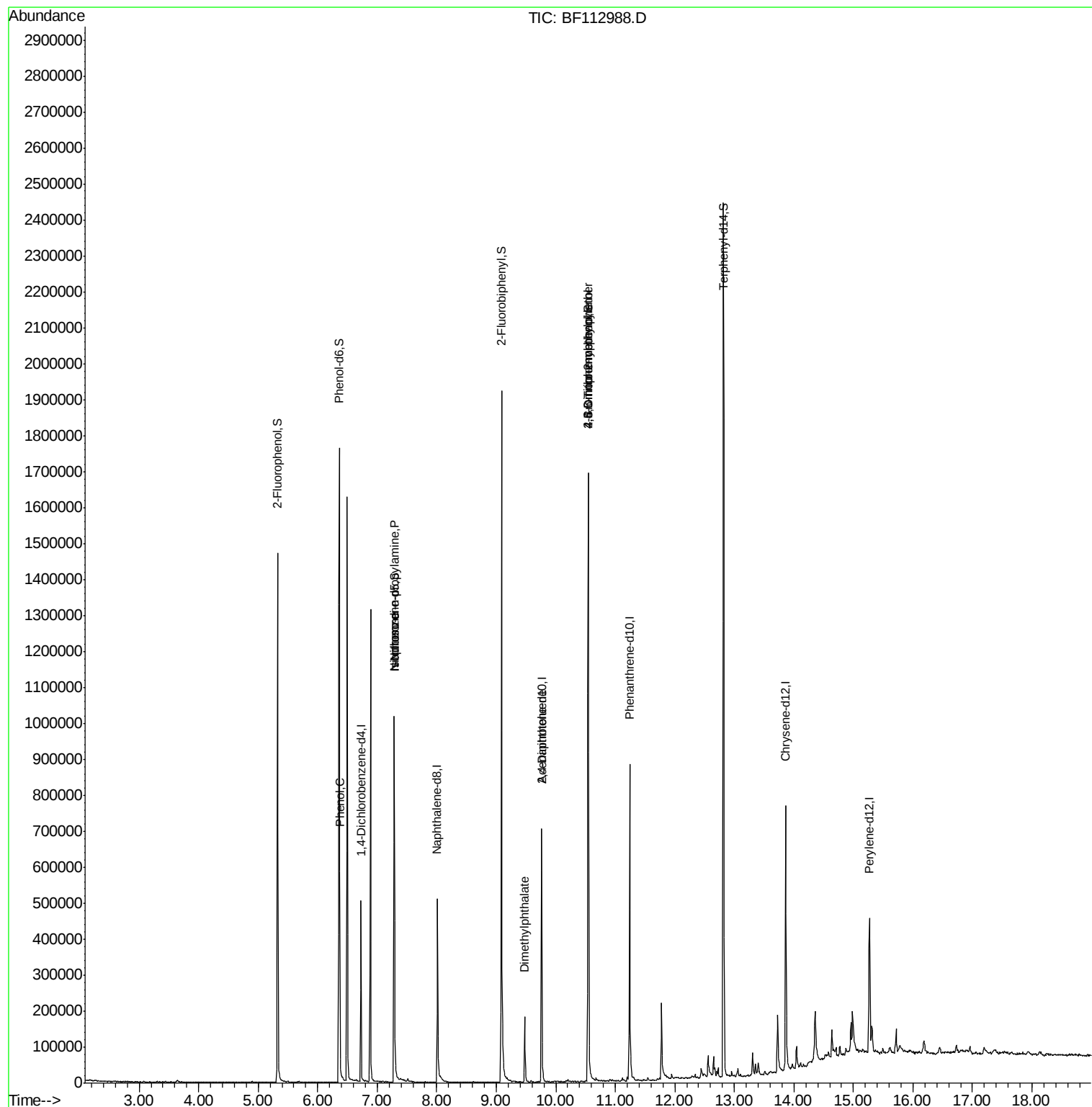
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	14681	2.213	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	41435	11.509	ng	# 78
25) Isophorone	7.29	82	328306	32.556	ng	# 66
50) Dimethylphthalate	9.48	163	83546	7.218	ng	98
57) 2,4-Dinitrotoluene	9.76	165	19530	6.518	ng	# 16
65) 4,6-Dinitro-2-methylphenol	10.55	198	301	4.796	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	12813	3.358	ng	# 1

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

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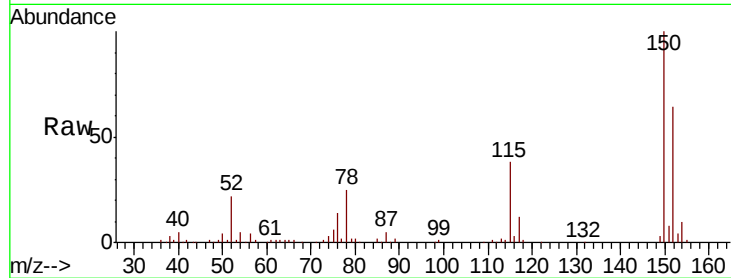


#1

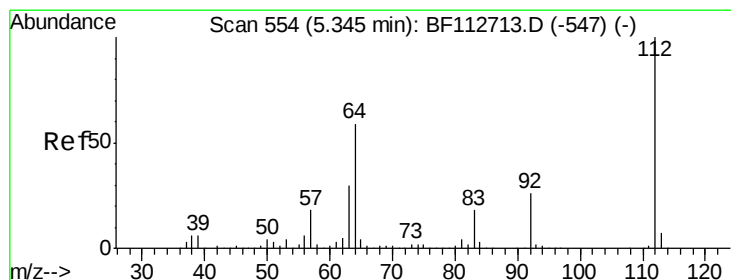
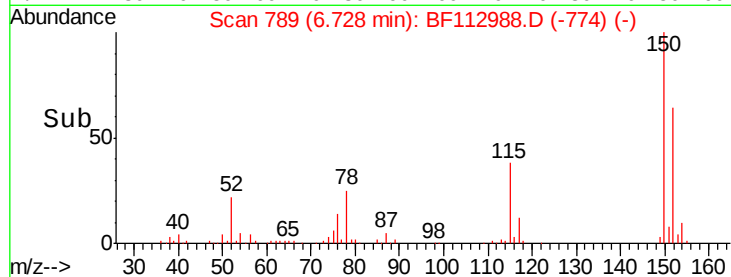
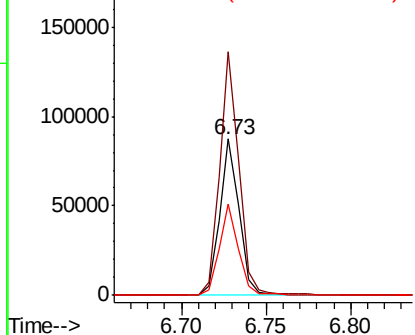
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70392
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 58.7 48.2 72.4



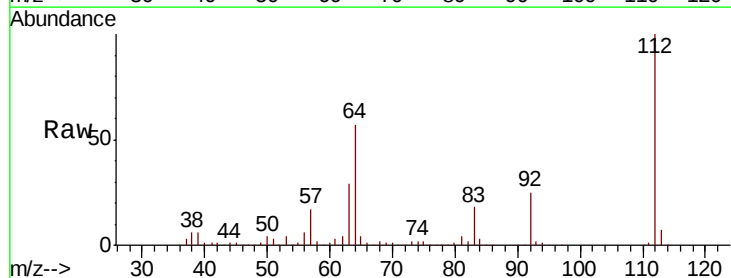
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



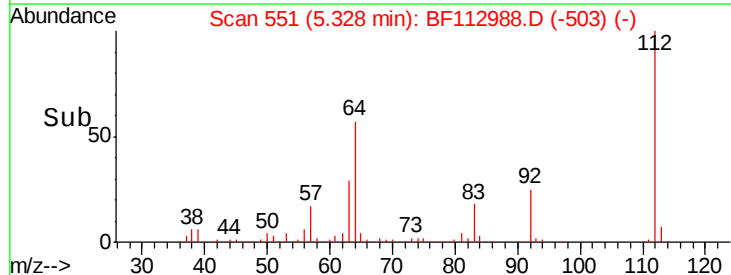
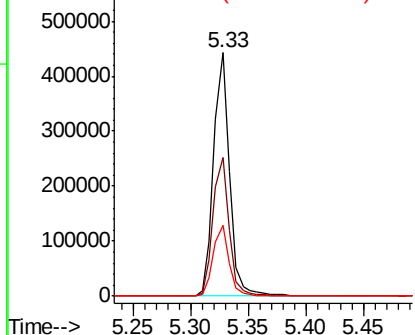
#5

2-Fluorophenol
Concen: 94.556 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Tgt Ion:112 Resp: 427887
Ion Ratio Lower Upper
112 100
64 57.1 47.6 71.4
63 29.0 24.4 36.6



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: 102.361 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

Instrument :

BNA_F

ClientSampleId :

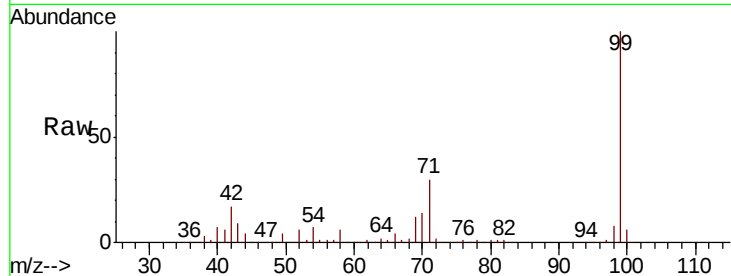
Tot Ion: 99 Resp: 581864

Ion Ratio Lower Upper

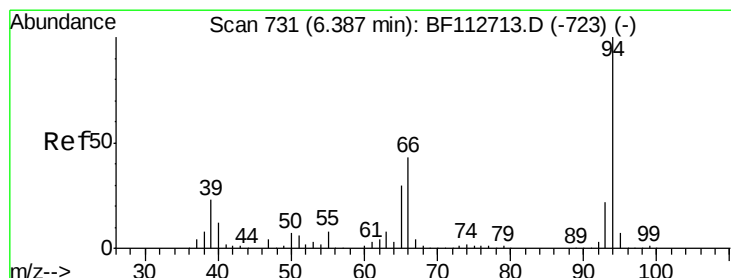
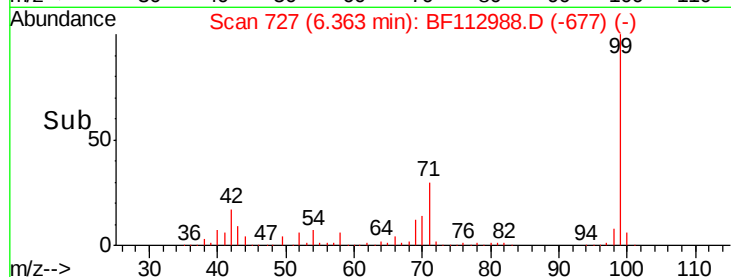
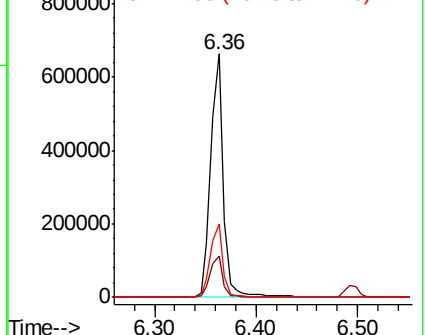
99 100

42 16.8 16.3 24.5

71 30.0 26.2 39.4



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: 2.213 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

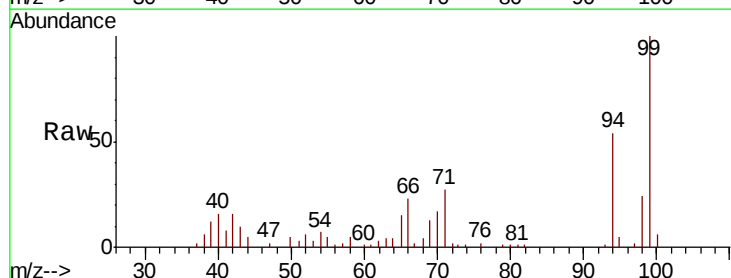
Tgt Ion: 94 Resp: 14681

Ion Ratio Lower Upper

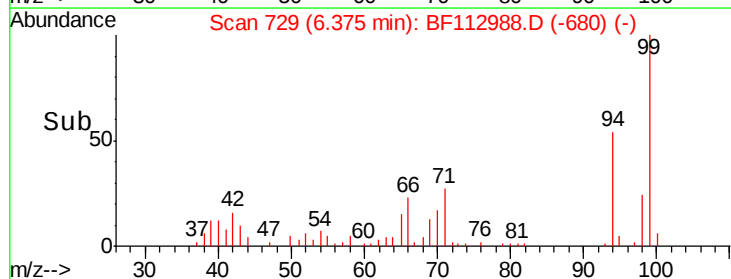
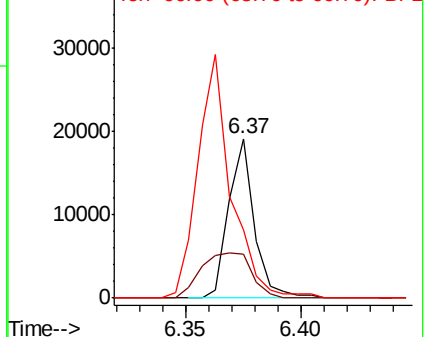
94 100

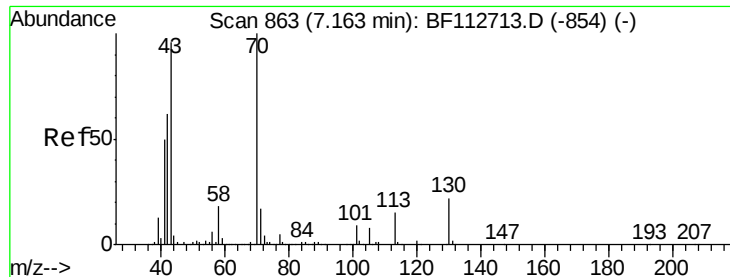
65 27.4 10.5 50.5

66 42.9 22.6 62.6



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

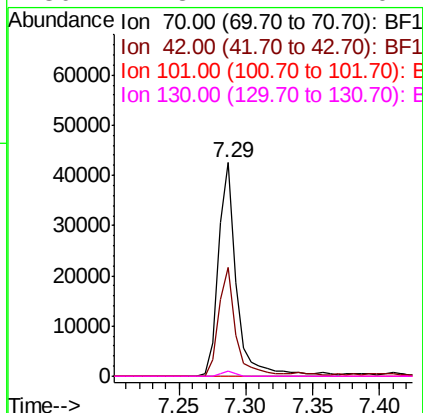
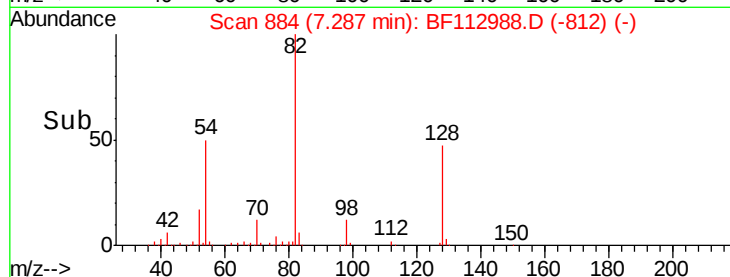
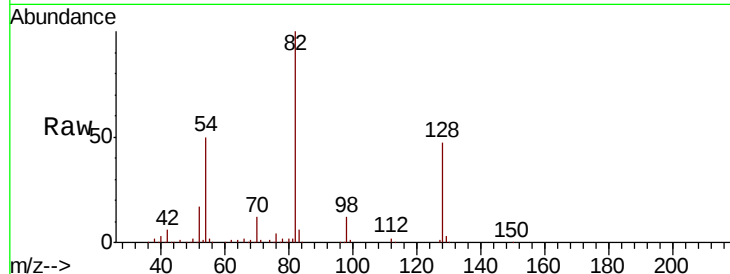




#19
n-Nitroso-di-n-propylamine
Concen: 11.509 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

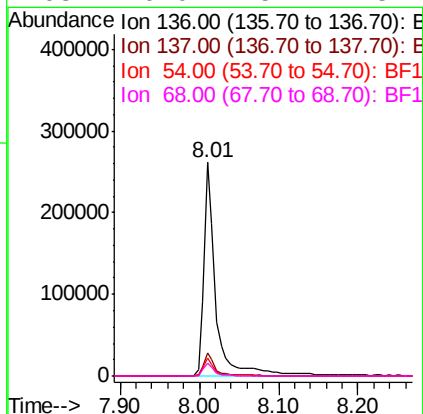
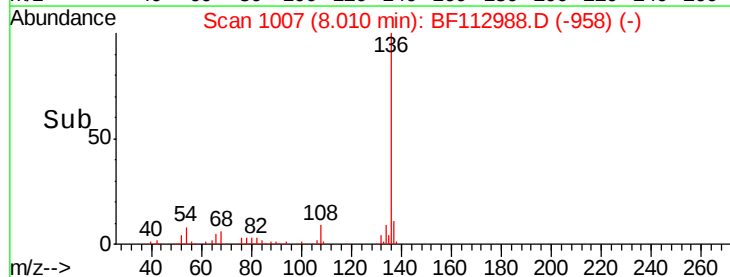
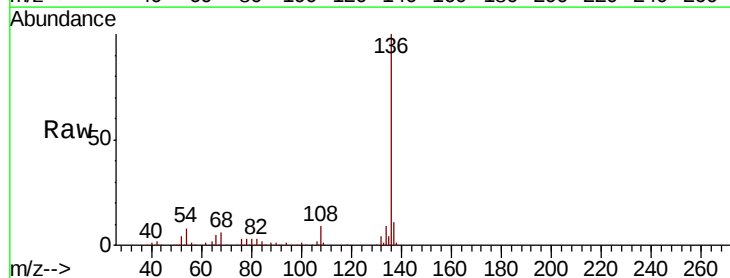
Instrument :
BNA_F
ClientSampleId :

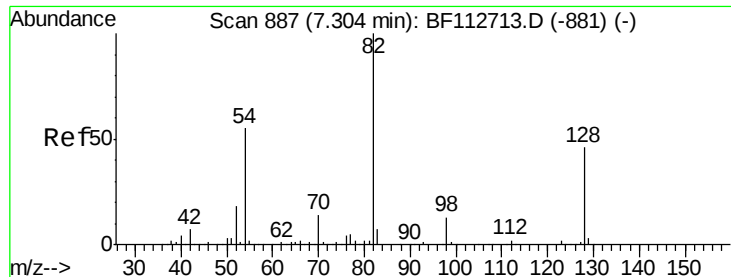
Tot Ion: 70 Resp: 41435
Ion Ratio Lower Upper
70 100
42 51.0 49.9 74.9
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Tgt Ion: 136 Resp: 280101
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.3 10.9
68 6.0 5.4 8.2

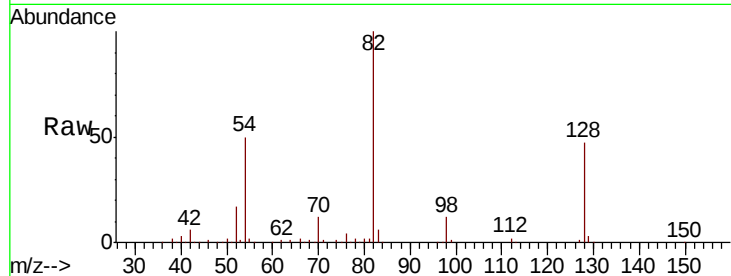




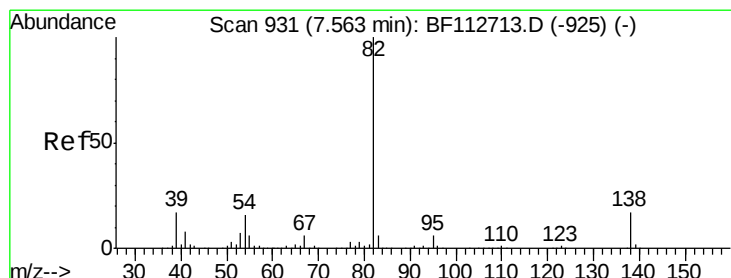
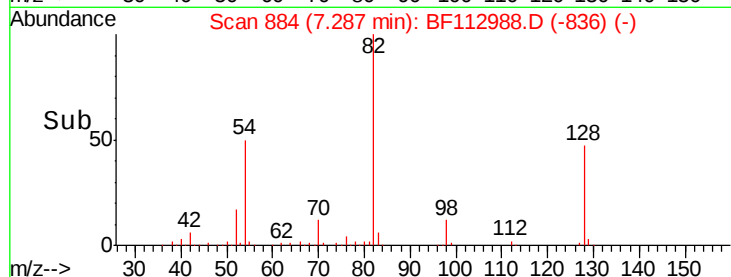
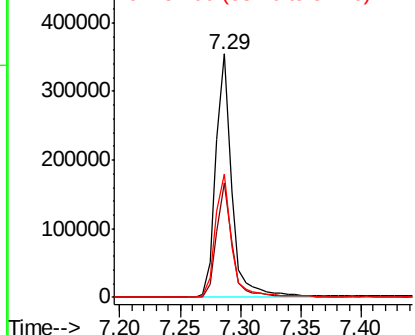
#23
Nitrobenzene-d5
Concen: 70.136 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	328308
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.3	54.5
54	50.4	43.7	65.5

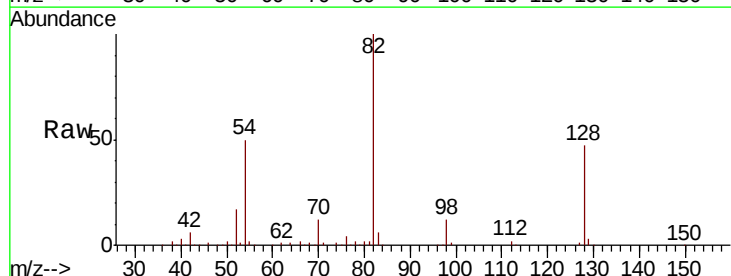


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

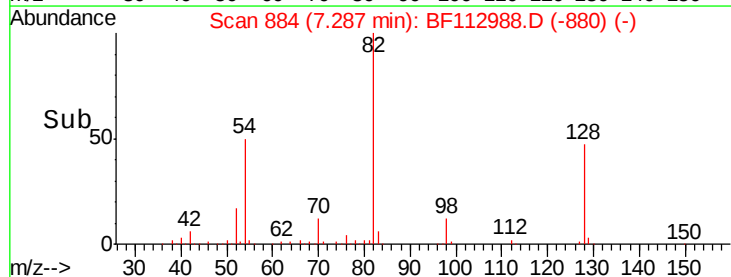
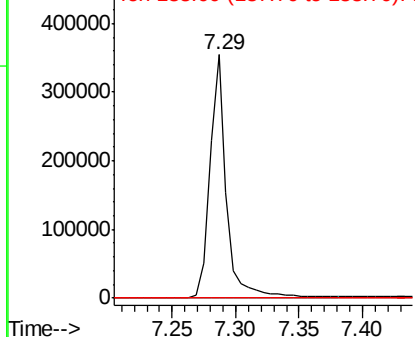


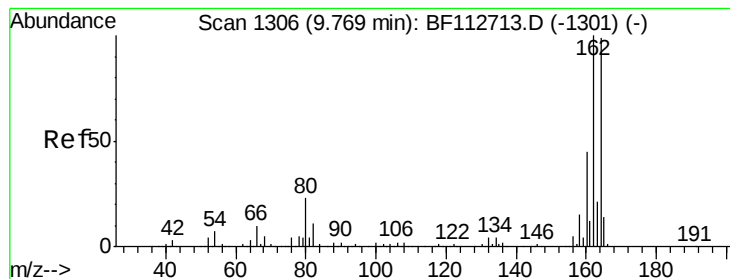
#25
Isophorone
Concen: 32.556 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Tgt Ion	82	Resp	328306
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

Instrument :

BNA_F

ClientSampleId :

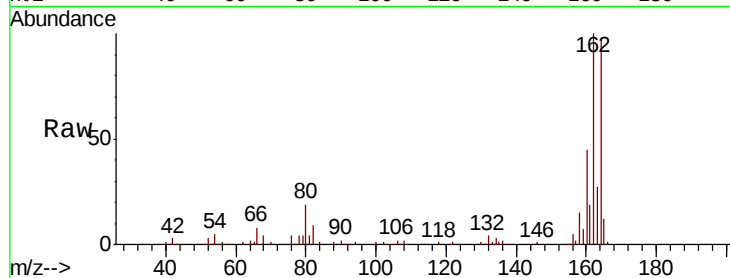
Tot Ion:164 Resp: 156979

Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

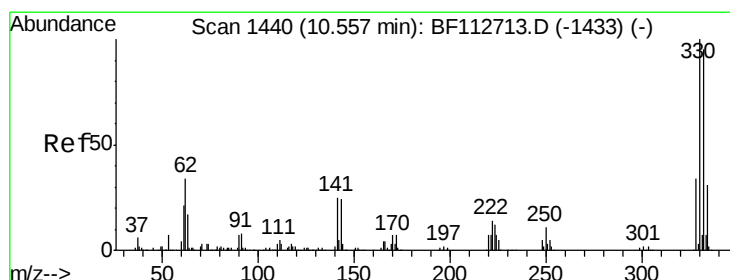
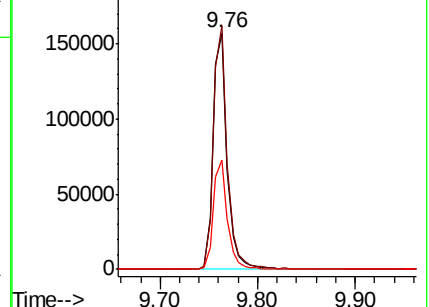
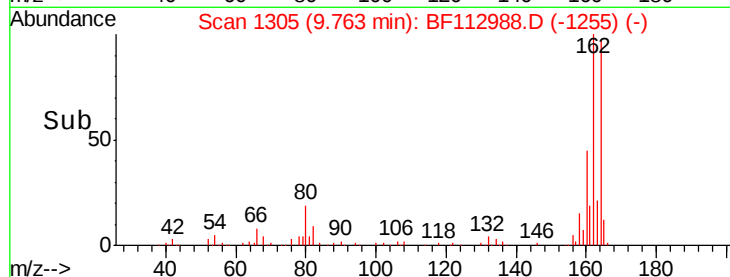
160 46.1 36.0 54.0



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: 137.782 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

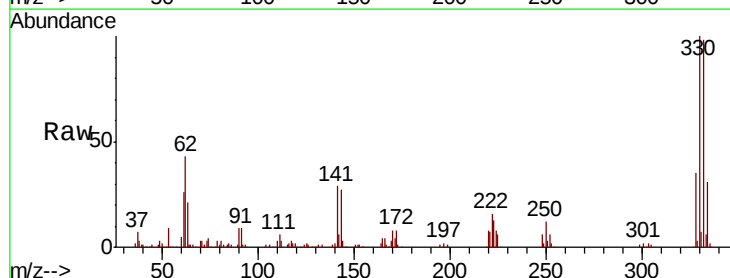
Tgt Ion:330 Resp: 229617

Ion Ratio Lower Upper

330 100

332 98.1 76.2 114.4

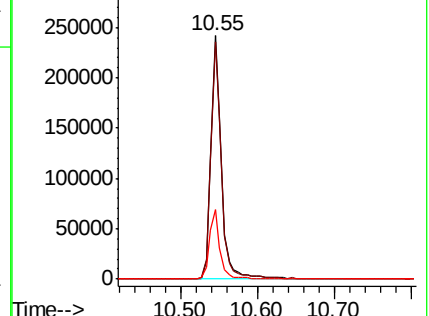
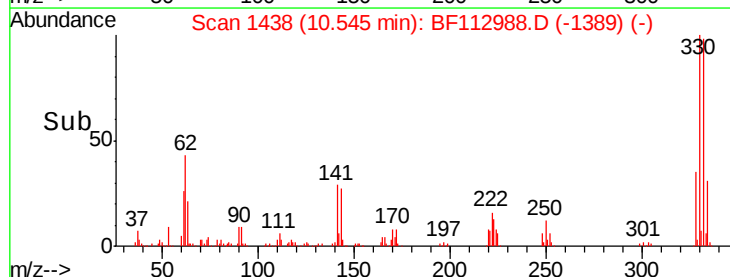
141 28.6 27.0 40.6

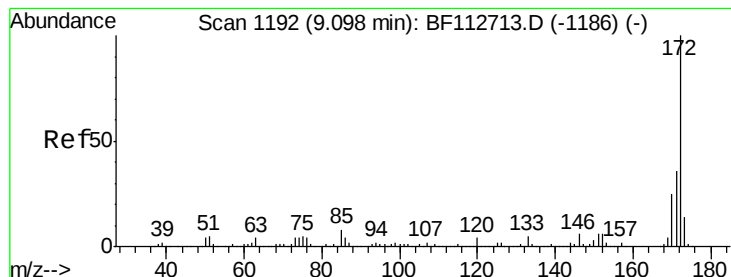


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 66.956 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

Instrument :

BNA_F

ClientSampleId :

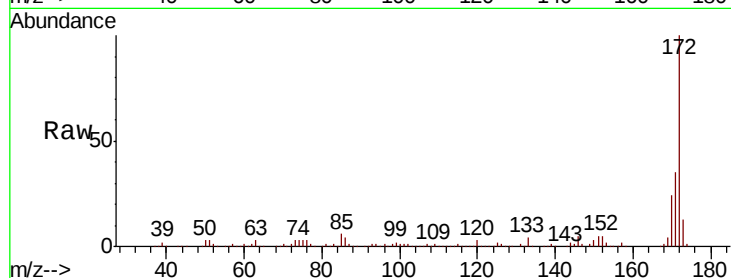
Tot Ion:172 Resp: 670894

Ion Ratio Lower Upper

172 100

171 34.8 29.0 43.4

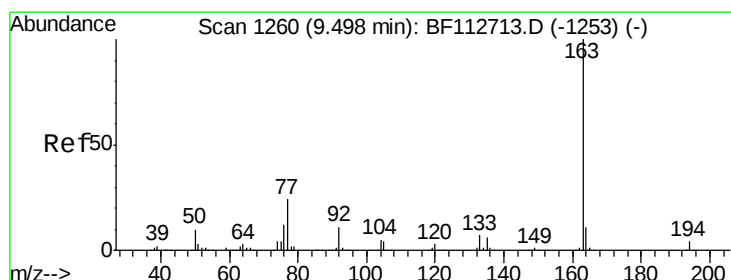
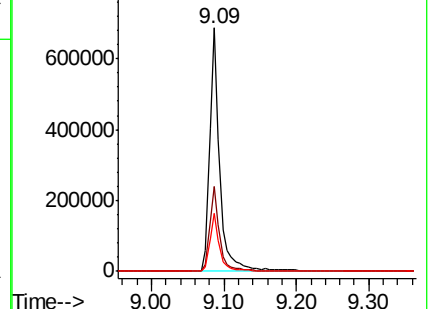
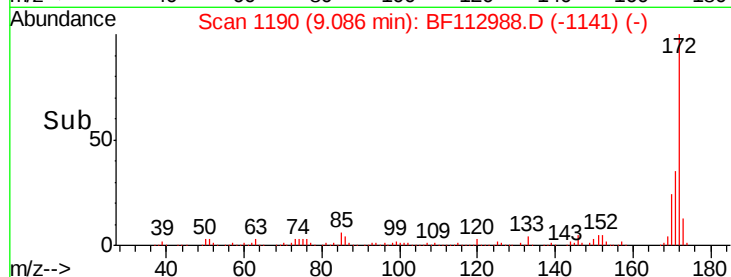
170 23.7 20.0 30.0



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: 7.218 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112988.D

Acq: 12 Mar 2019 7:07

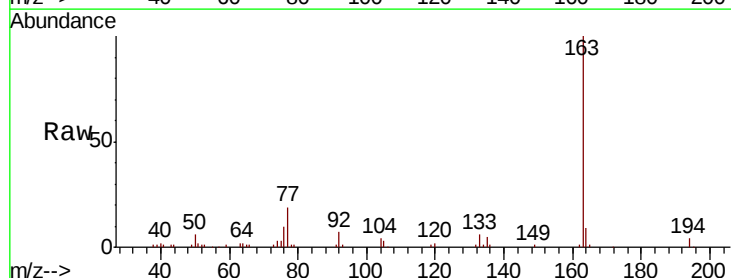
Tgt Ion:163 Resp: 83546

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

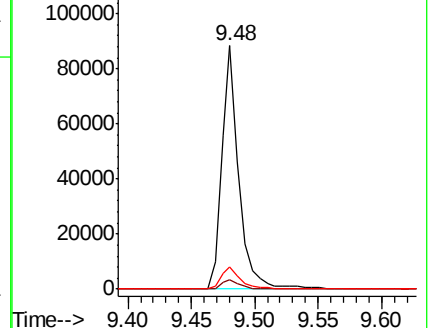
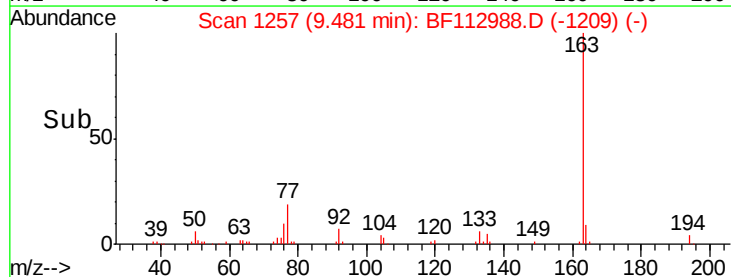
164 9.3 8.4 12.6

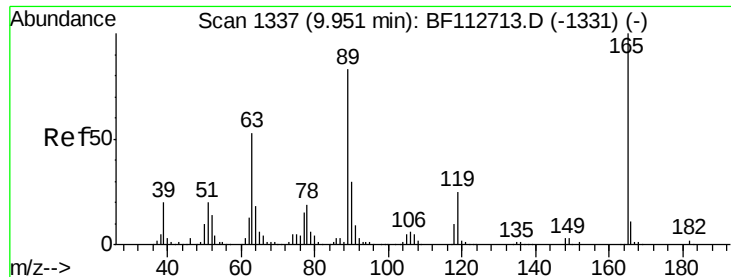


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

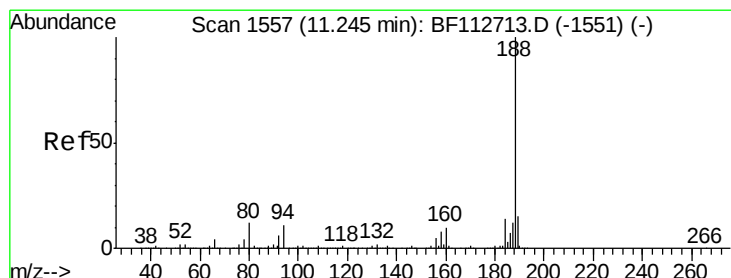
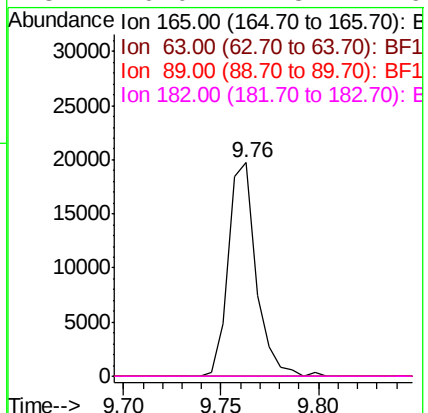
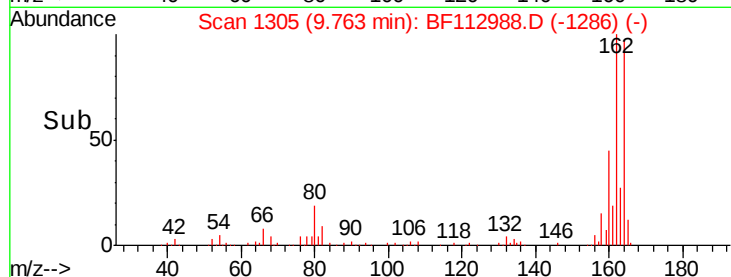
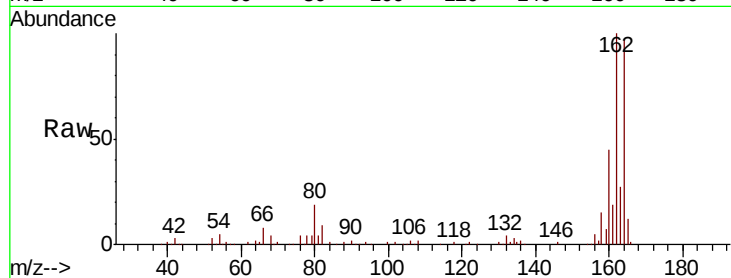




#57
 2,4-Dinitrotoluene
 Concen: 6.518 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

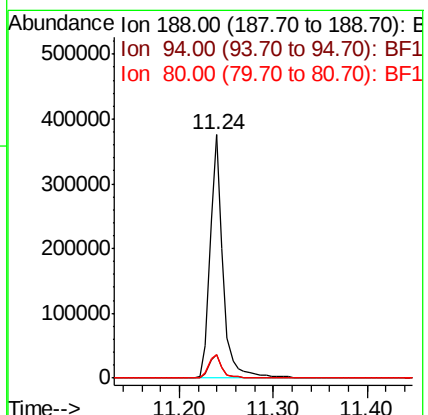
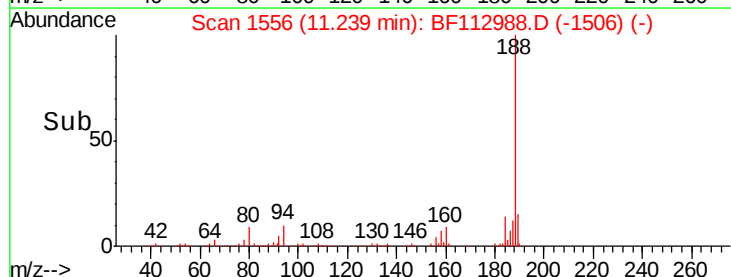
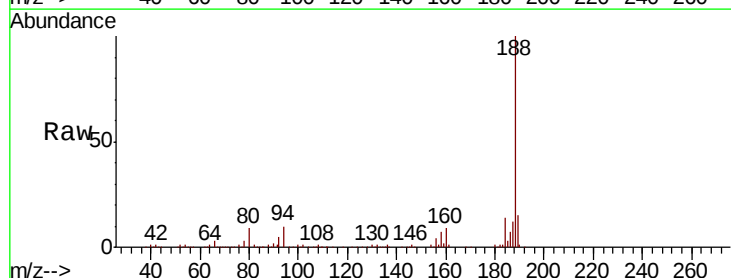
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	19530
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	0.0	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

Tgt Ion:	188	Resp:	362283
Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.4	9.2	13.8

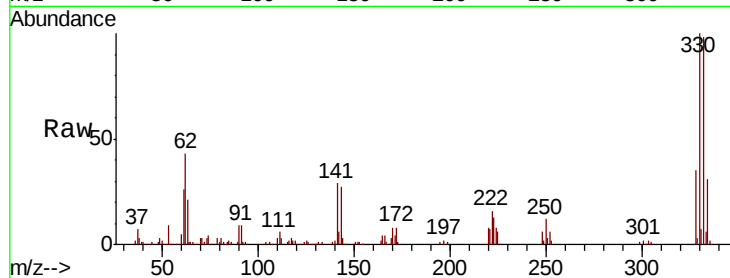




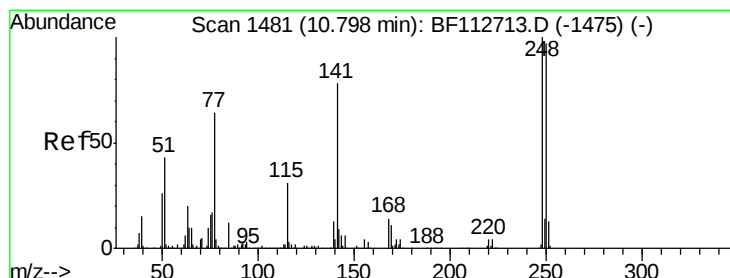
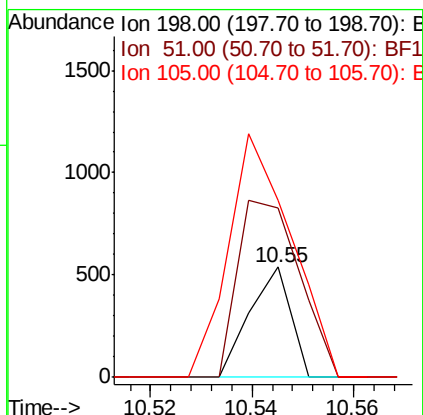
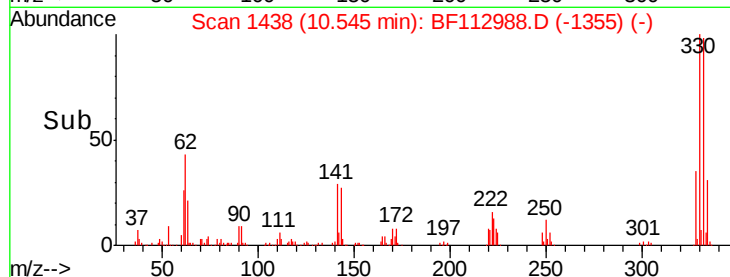
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.796 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 301
 Ion Ratio Lower Upper
 198 100
 51 153.2 43.8 83.8#
 105 160.7 36.5 76.5#

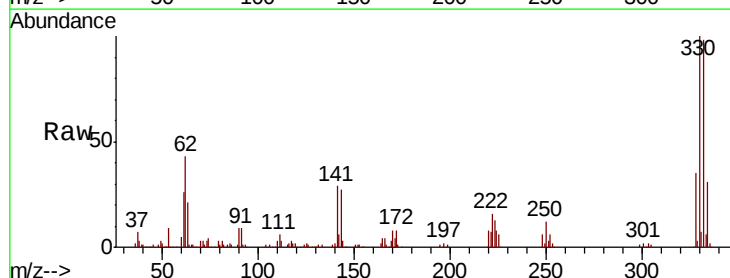


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

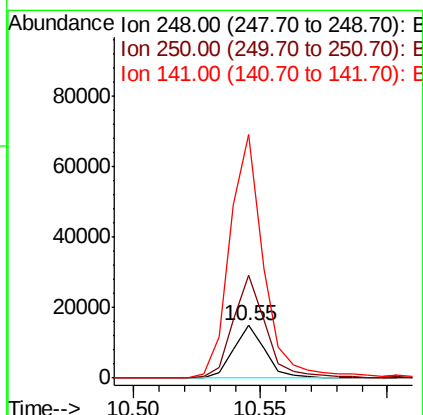
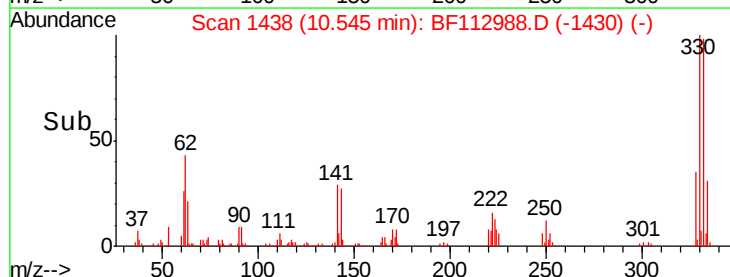


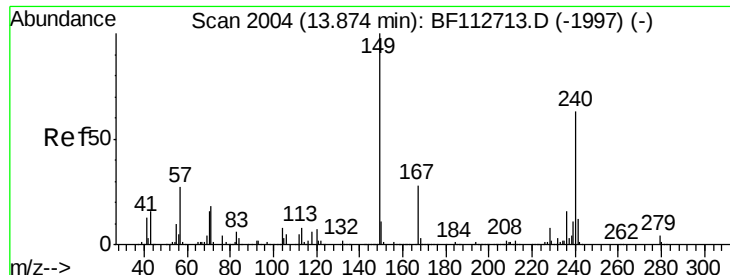
#67
 4-Bromophenyl-phenylether
 Concen: 3.358 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

Tgt Ion:248 Resp: 12813
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.5 116.3#
 141 462.9 62.4 93.6#



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

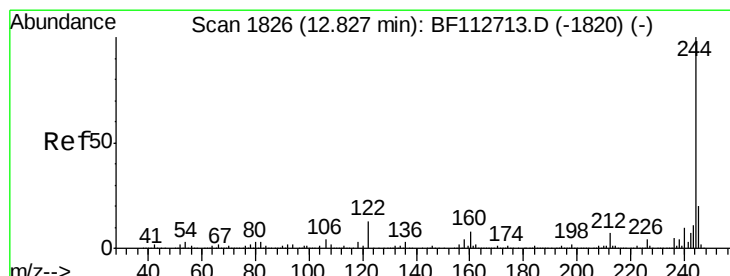
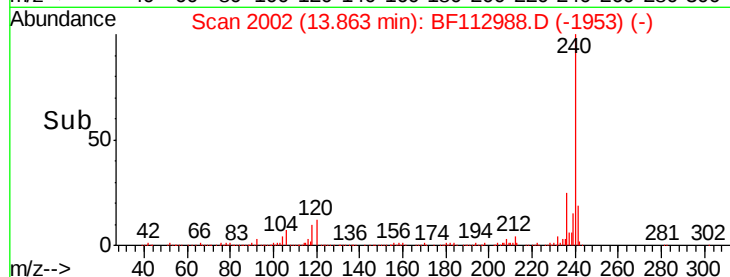
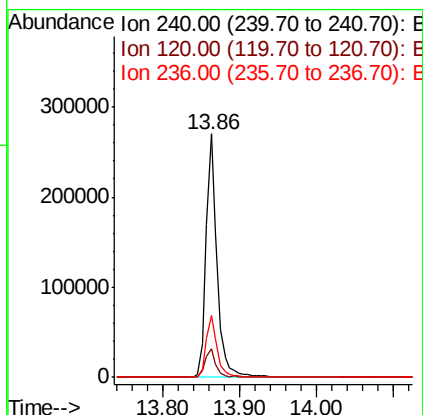
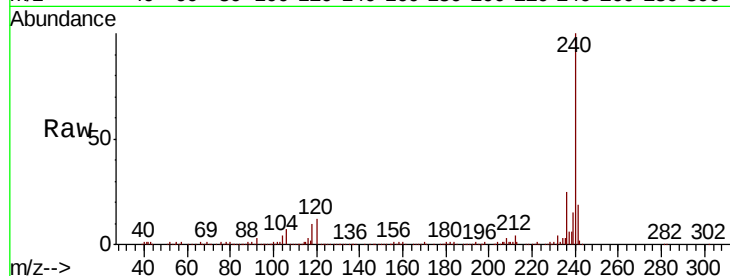




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

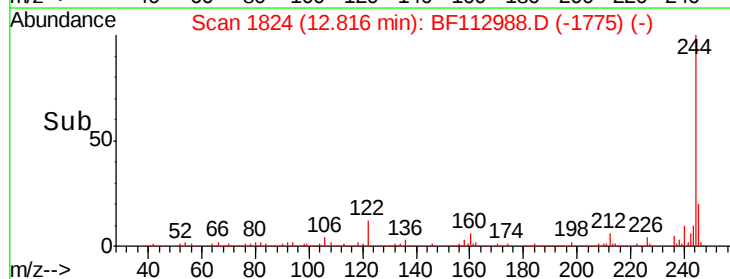
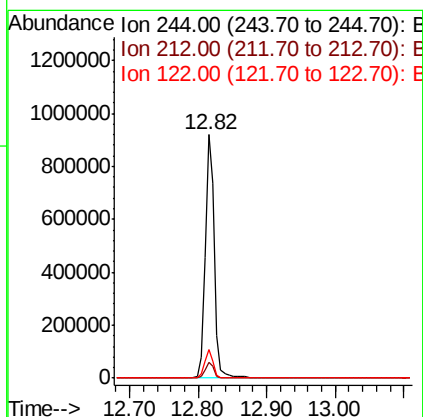
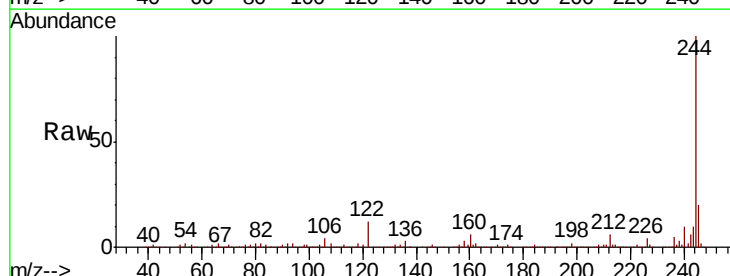
Instrument :
 BNA_F
 ClientSampleId :

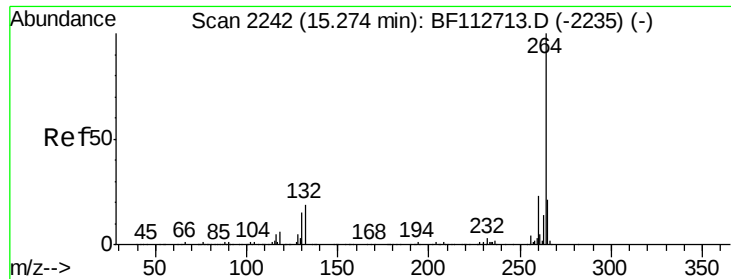
Tot Ion:240 Resp: 269269
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.9 13.3
 236 25.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 62.641 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112988.D
 Acq: 12 Mar 2019 7:07

Tgt Ion:244 Resp: 870118
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.7 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112988.D
Acq: 12 Mar 2019 7:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	17.2	25.8

