

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111821.D
 Acq On : 3 Jan 2019 15:22
 Operator : JU/SJ
 Sample : K1002-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 15:58:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 03 14:48:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	294057	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	788024	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	402826	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	700206	20.00	ng	0.00
76) Chrysene-d12	14.06	240	457258	20.00	ng	0.00
87) Perylene-d12	15.55	264	389836	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1349145	78.20	ng	0.00
7) Phenol-d6	6.55	99	1751946	79.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	1026673	75.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	509918	107.13	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1339039	48.45	ng	0.00
79) Terphenyl-d14	13.01	244	1097443	45.51	ng	0.00

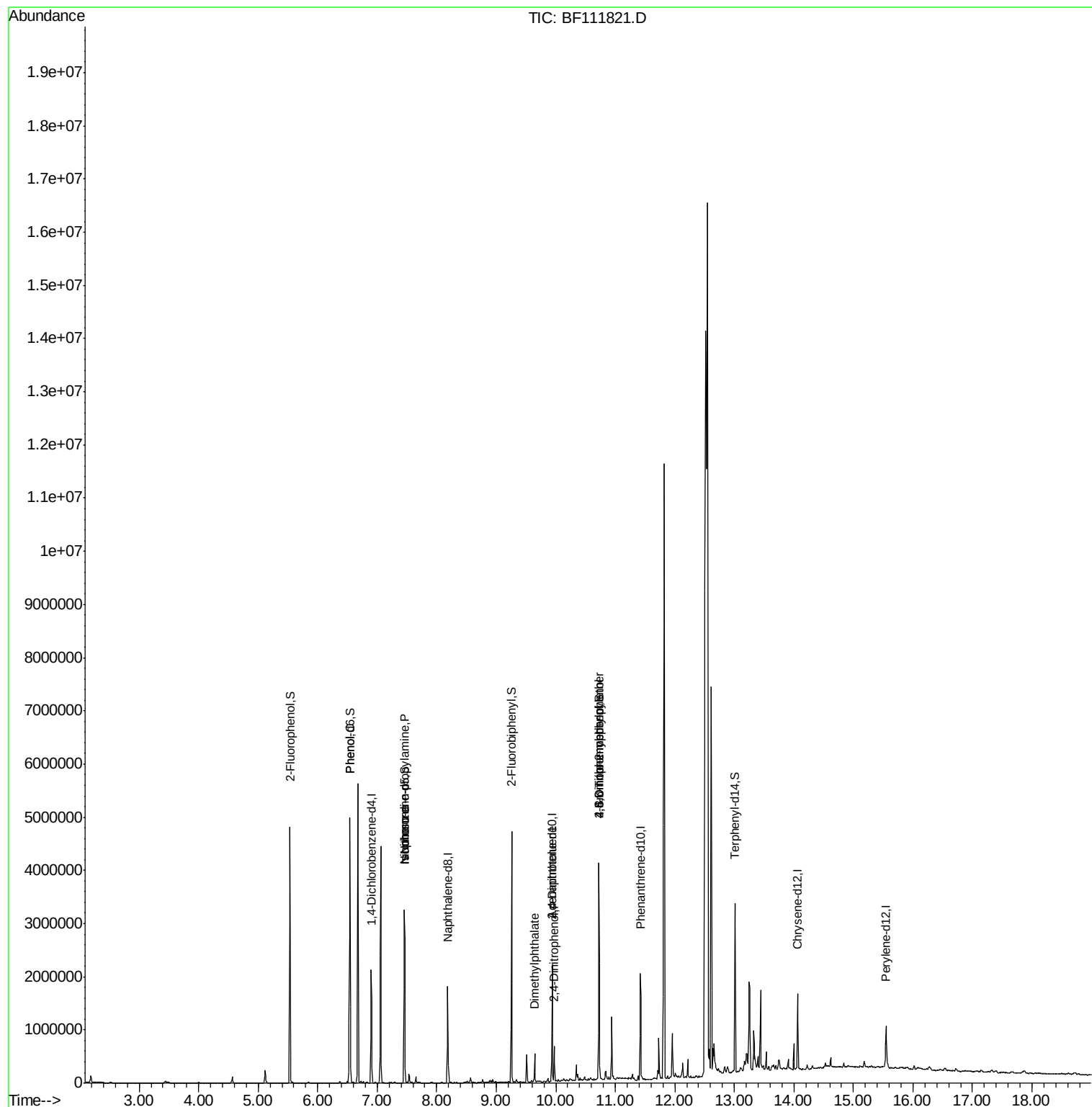
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	79467	3.208	ng	87
19) n-Nitroso-di-n-propylamine	7.46	70	141564	9.709	ng	# 75
25) Isophorone	7.46	82	1024945	42.646	ng	# 64
50) Dimethylphthalate	9.65	163	190122	6.454	ng	97
54) 2,4-Dinitrophenol	9.97	184	946	7.763	ng	# 13
57) 2,4-Dinitrotoluene	9.94	165	52044	7.372	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	999	6.990	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	29645	3.413	ng	# 1

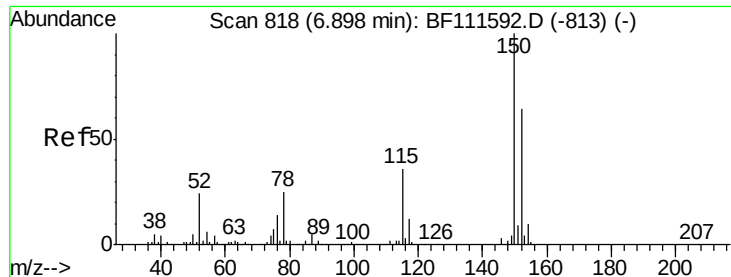
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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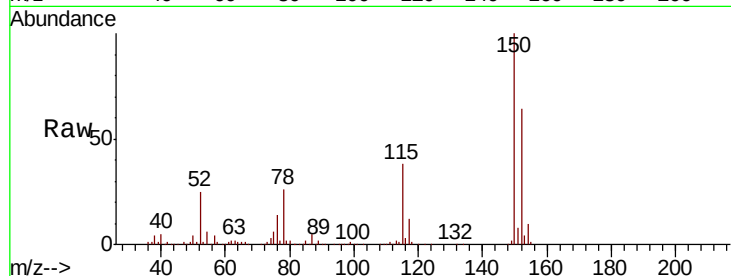


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.2	50.7	76.1

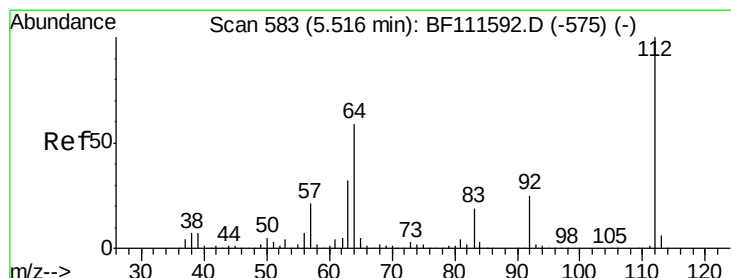
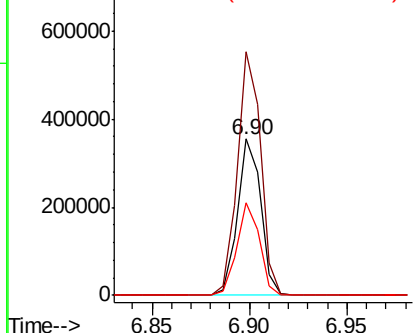
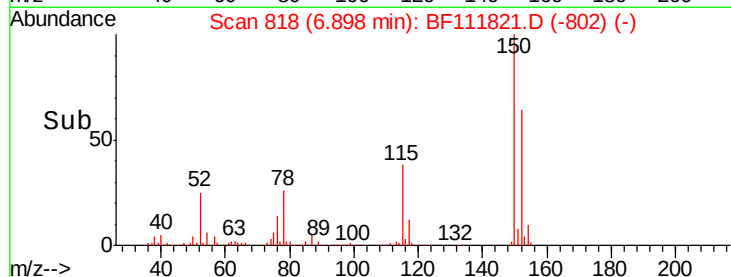


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

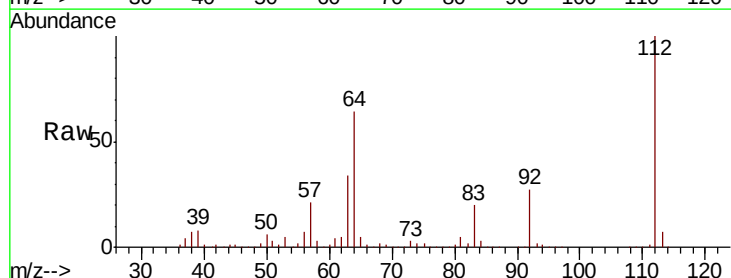
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.205 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.6
63	33.7	26.8	40.2

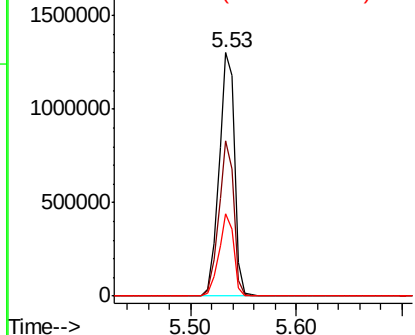
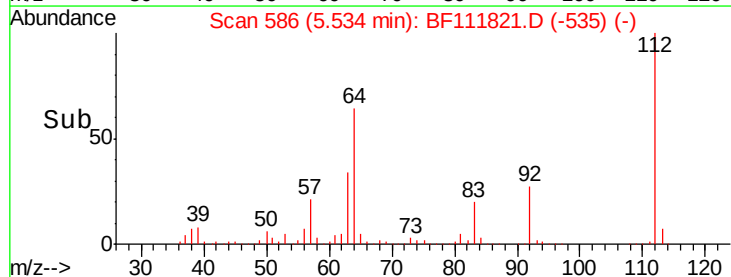


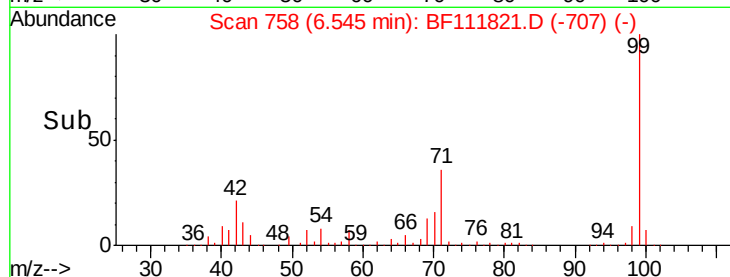
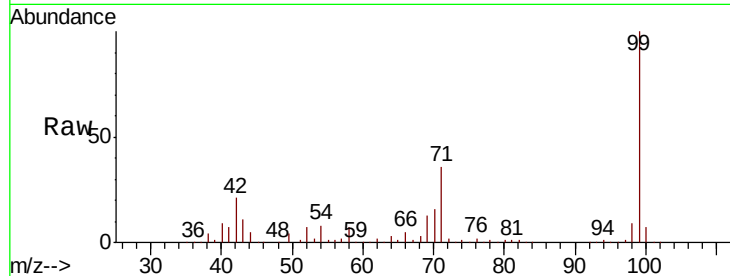
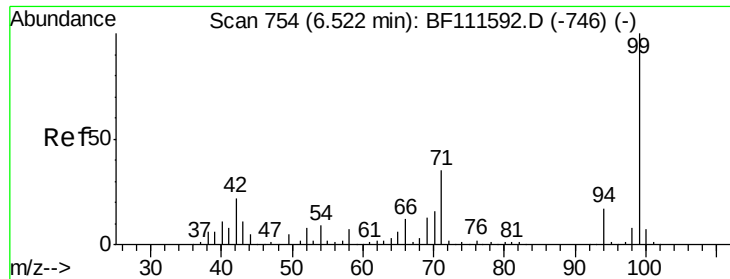
Abundance

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: 79.797 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111821.D

Acq: 3 Jan 2019 15:22

Instrument :

BNA_F

ClientSampleId :

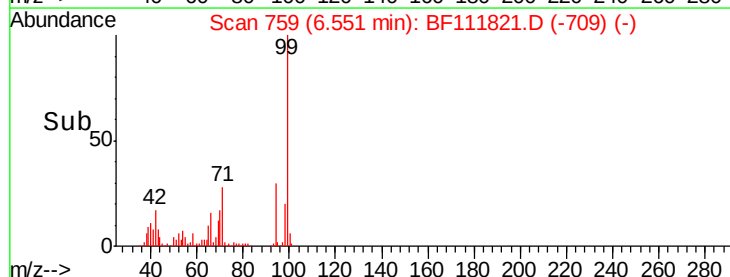
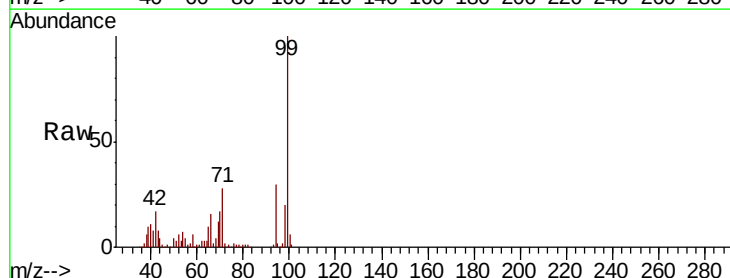
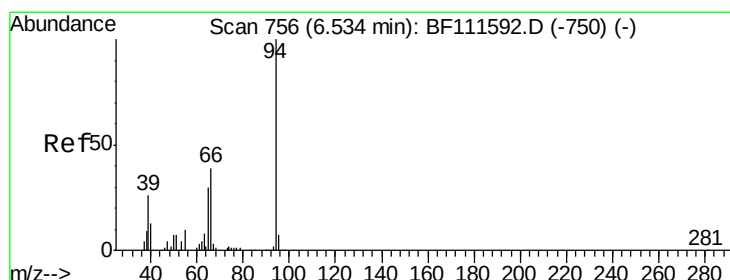
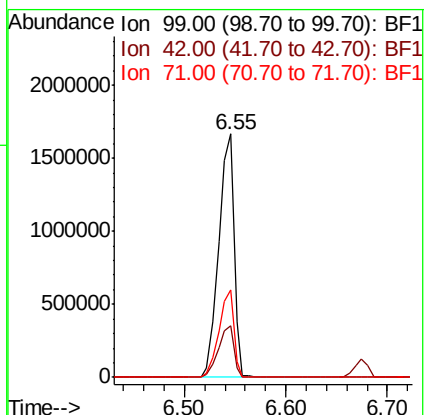
Tot Ion: 99 Resp: 1751946

Ion Ratio Lower Upper

99 100

42 21.1 17.4 26.0

71 35.7 26.1 39.1



#10

Phenol

Concen: 3.208 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111821.D

Acq: 3 Jan 2019 15:22

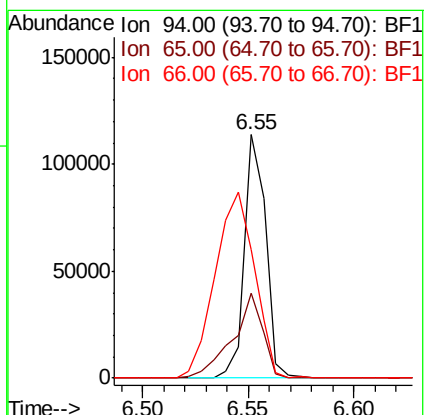
Tgt Ion: 94 Resp: 79467

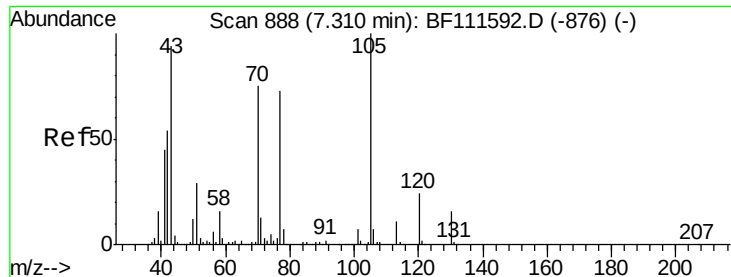
Ion Ratio Lower Upper

94 100

65 34.7 11.7 51.7

66 52.6 21.0 61.0

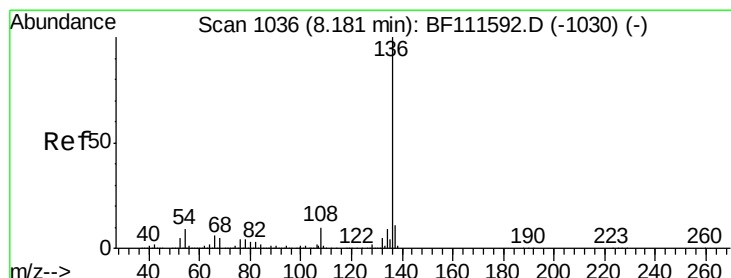
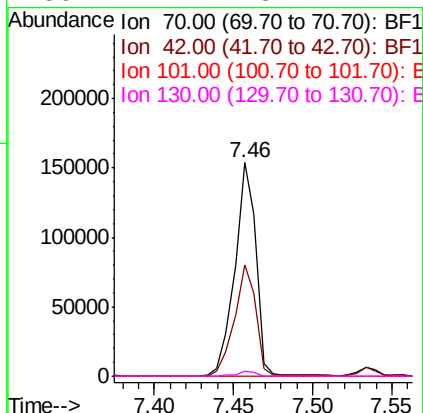
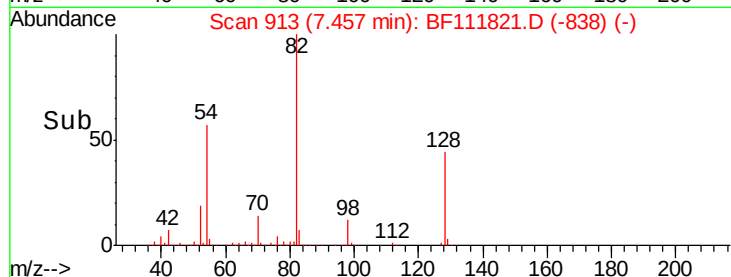
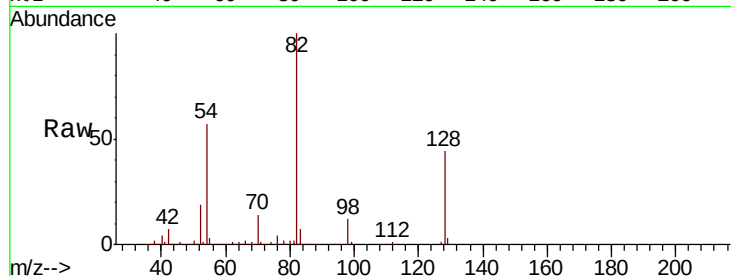




#19
n-Nitroso-di-n-propylamine
Concen: 9.709 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

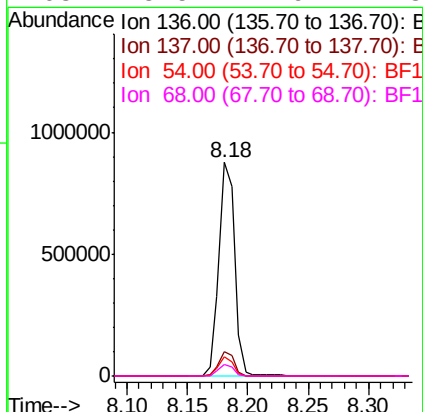
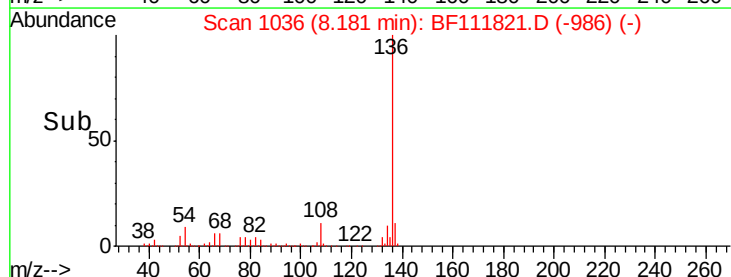
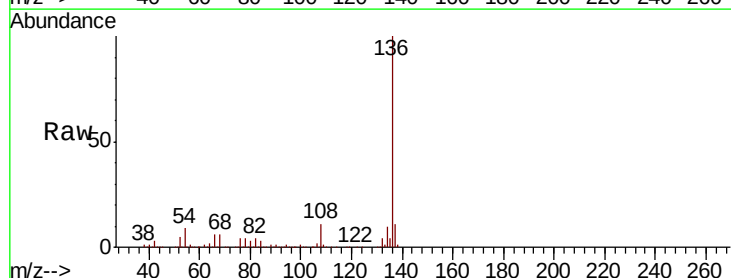
Instrument :
BNA_F
ClientSampled :

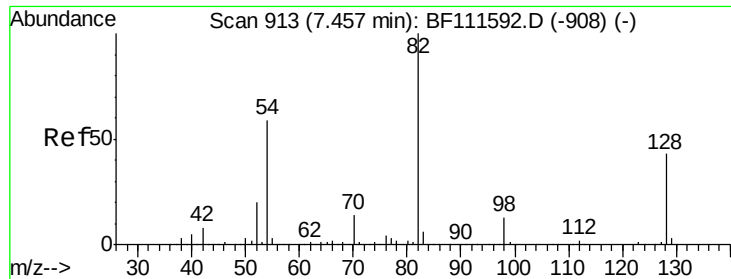
Tot Ion: 70 Resp: 141564
Ion Ratio Lower Upper
70 100
42 52.0 53.2 79.8#
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Tgt Ion: 136 Resp: 788024
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.9 7.7 11.5
68 5.5 4.9 7.3

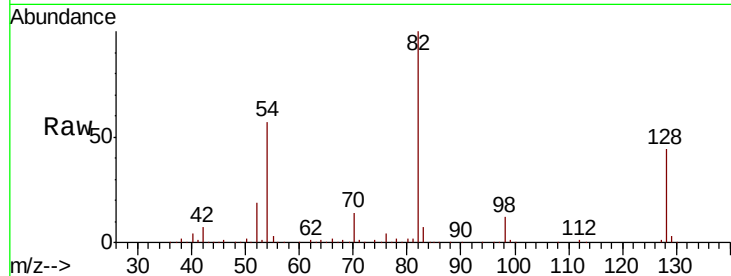




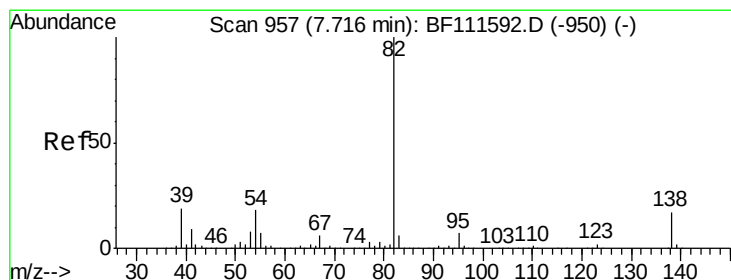
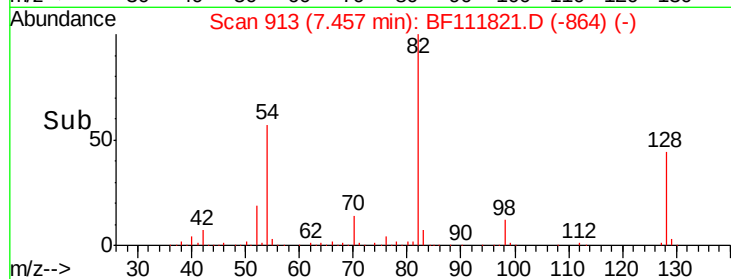
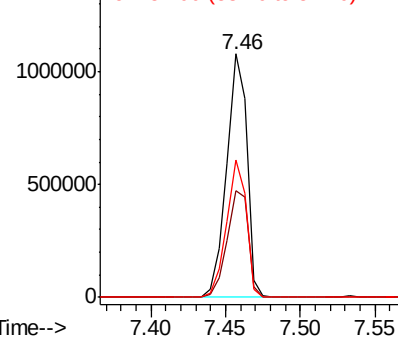
#23
Nitrobenzene-d5
Concen: 75.836 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1026673
Ion Ratio Lower Upper
82 100
128 43.9 37.4 56.2
54 56.5 47.6 71.4

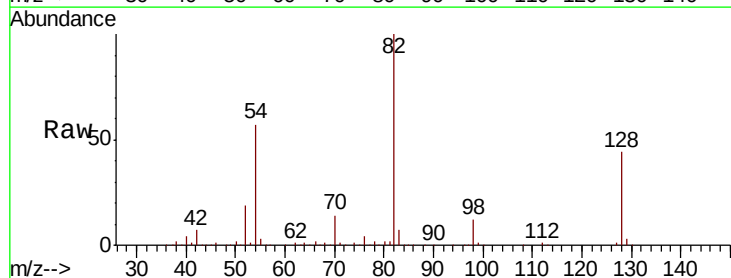


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

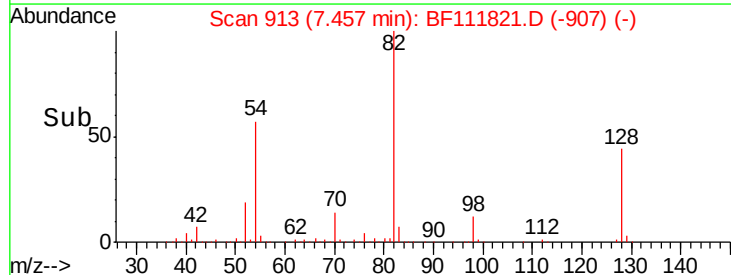
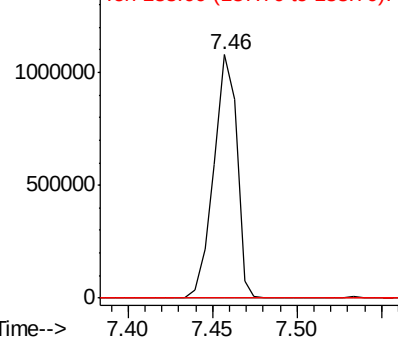


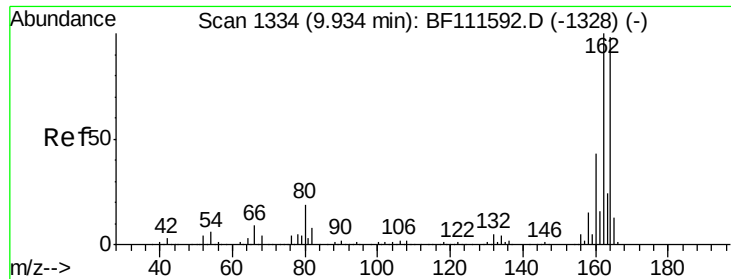
#25
Isophorone
Concen: 42.646 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Tgt Ion: 82 Resp: 1024945
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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

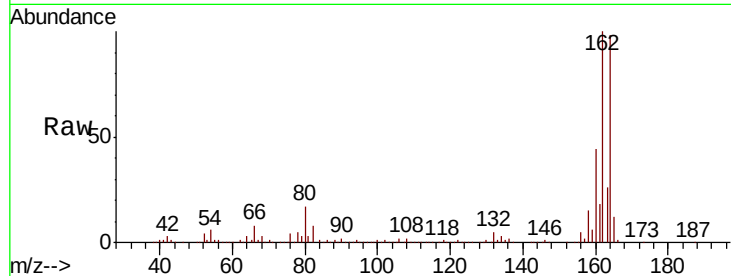




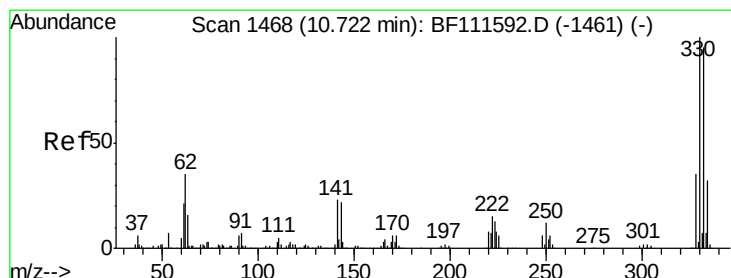
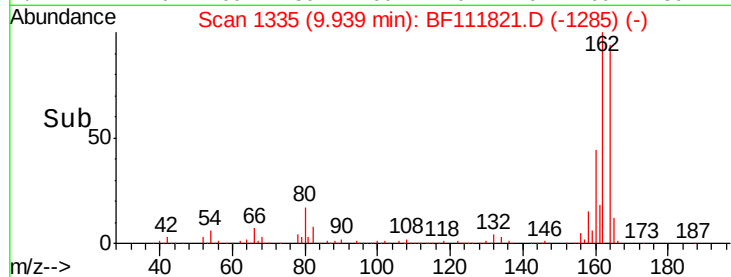
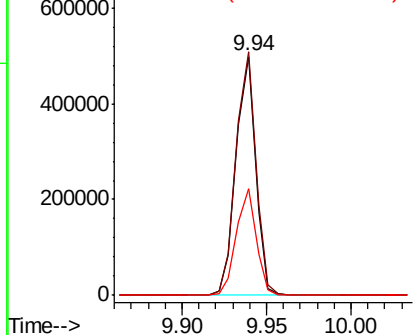
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 402826
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 44.9 35.7 53.5

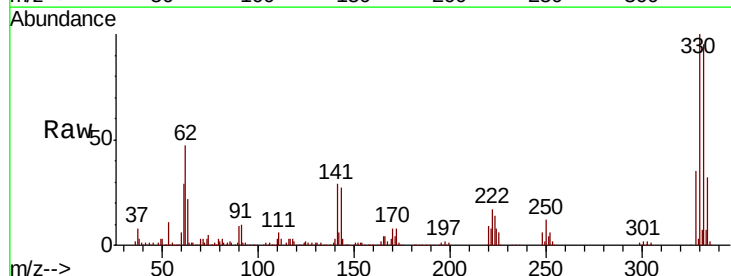


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

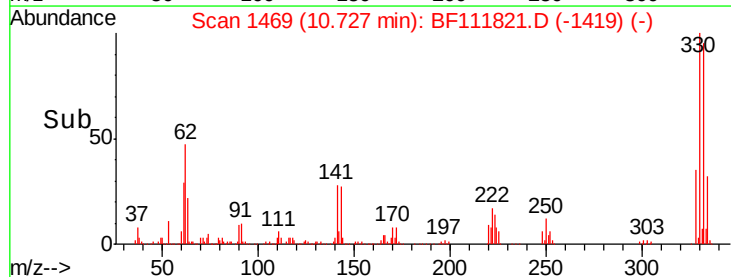
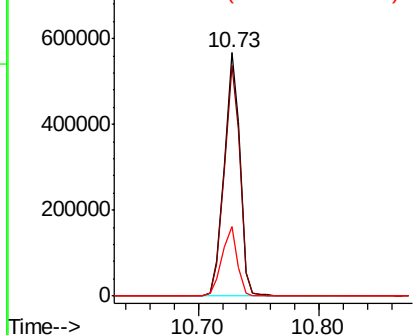


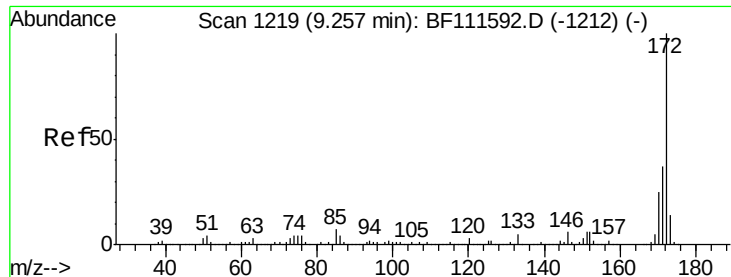
#42
 2,4,6-Tribromophenol
 Concen: 107.132 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Tgt Ion:330 Resp: 509918
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.0 114.0
 141 28.3 31.0 46.6#



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

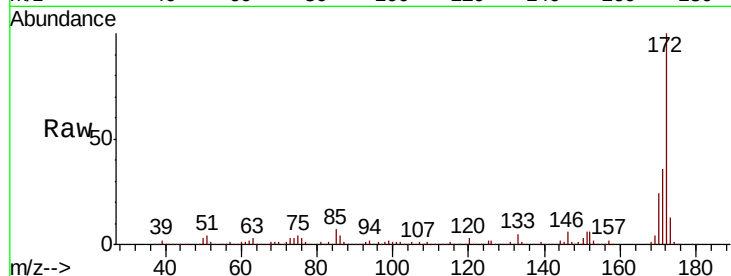




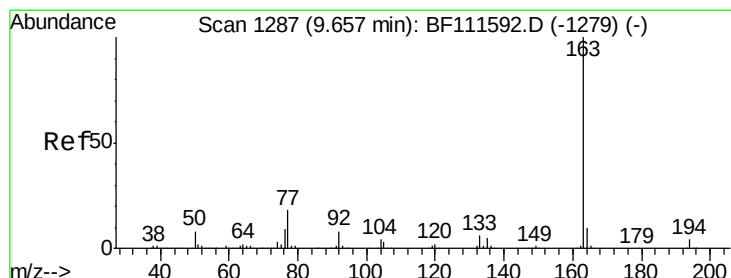
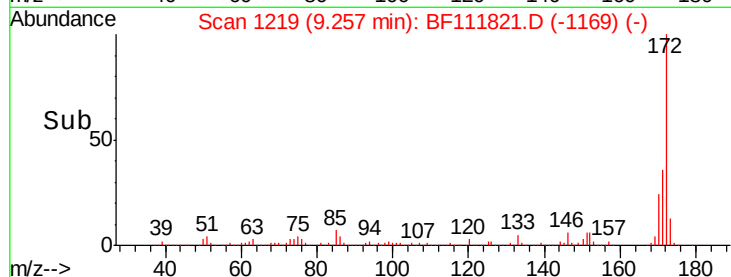
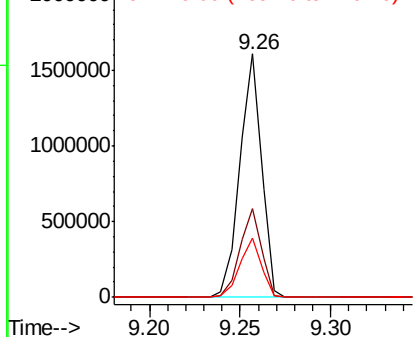
#45
2-Fluorobiphenyl
Concen: 48.451 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1339039
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 24.2 22.3 33.5

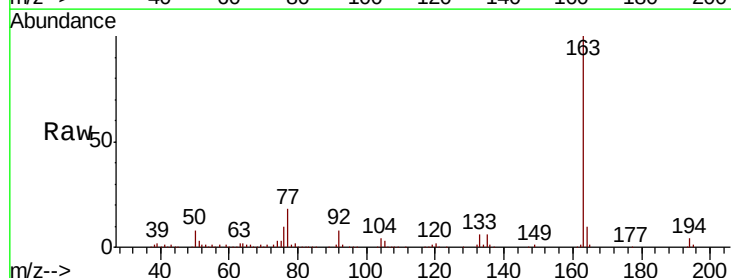


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

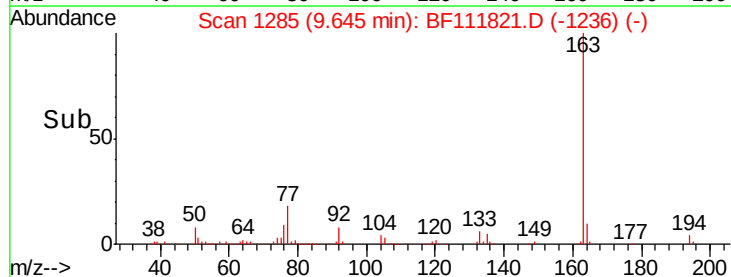
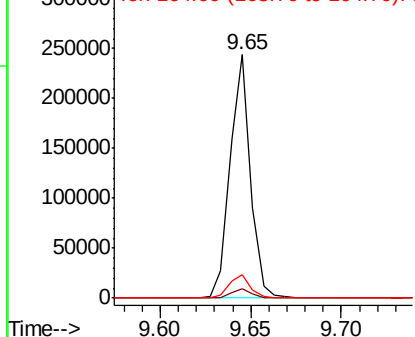


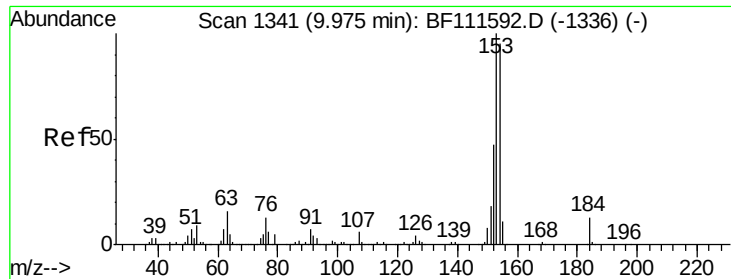
#50
Dimethylphthalate
Concen: 6.454 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111821.D
Acq: 3 Jan 2019 15:22

Tgt Ion:163 Resp: 190122
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.9 13.3



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

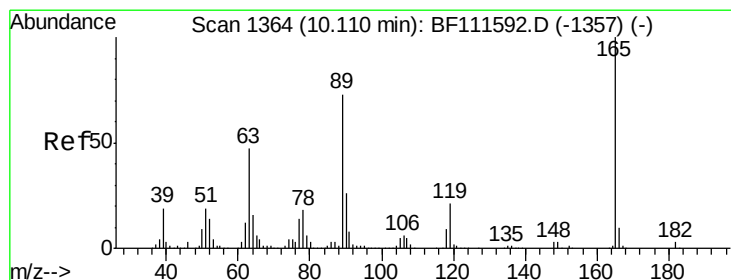
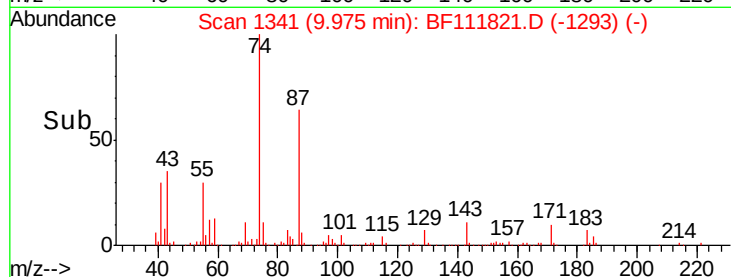
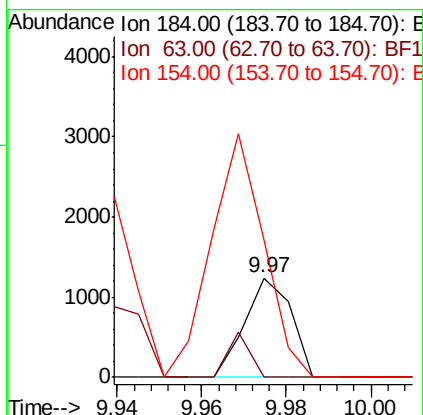
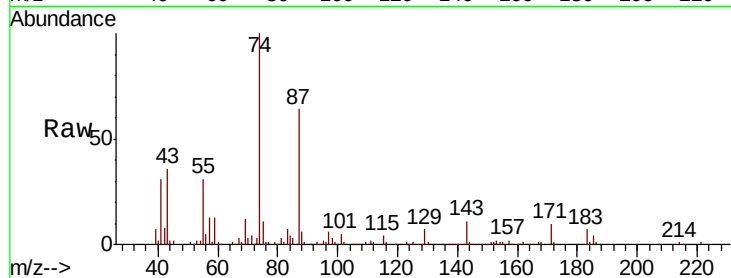




#54
 2,4-Dinitrophenol
 Concen: 7.763 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

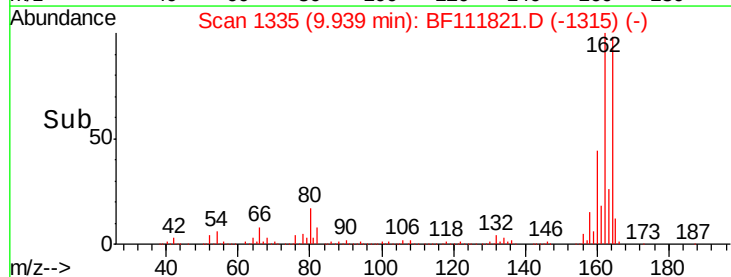
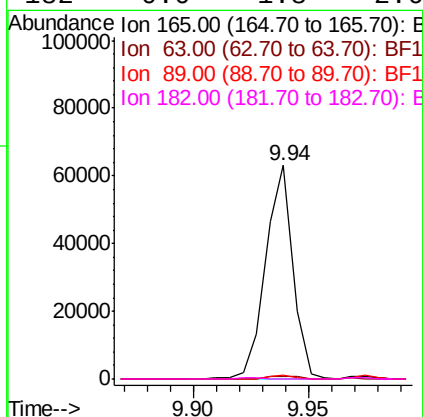
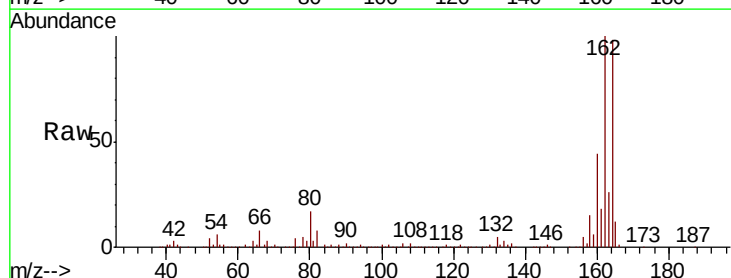
Instrument :
 BNA_F
 ClientSampleId :

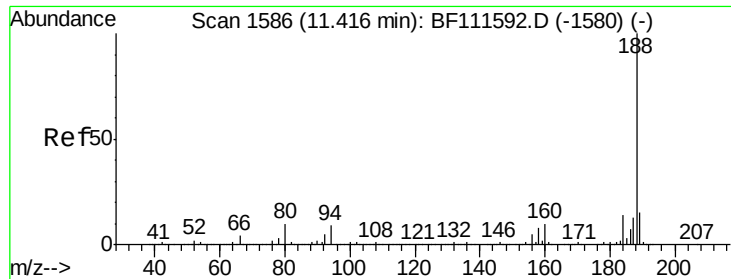
Tot Ion:184 Resp: 946
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.3 93.5#
 154 139.1 56.2 84.2#



#57
 2,4-Dinitrotoluene
 Concen: 7.372 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Tgt Ion:165 Resp: 52044
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.6 52.0#
 89 1.8 56.2 84.4#
 182 0.0 1.8 2.6#

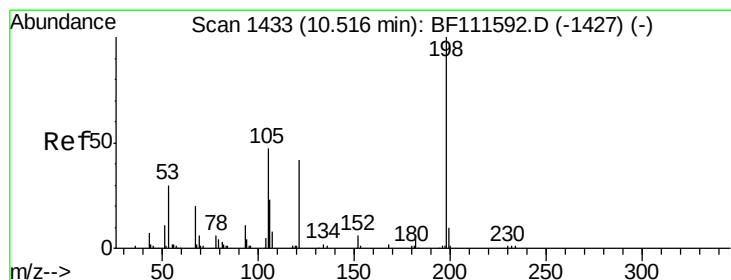
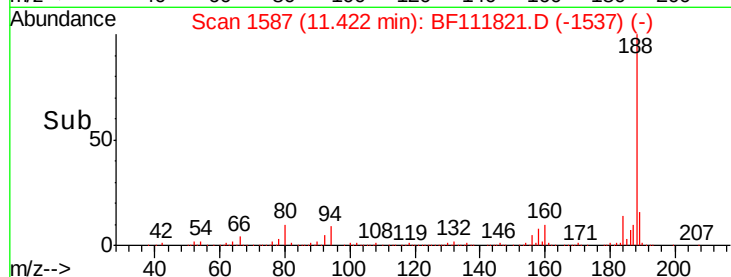
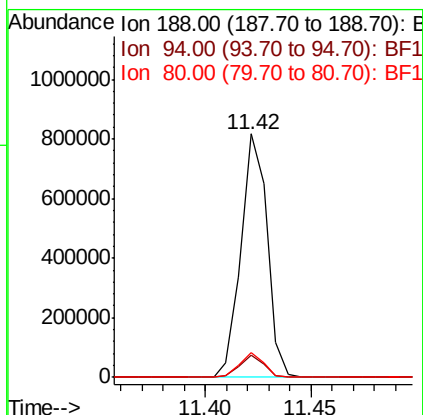
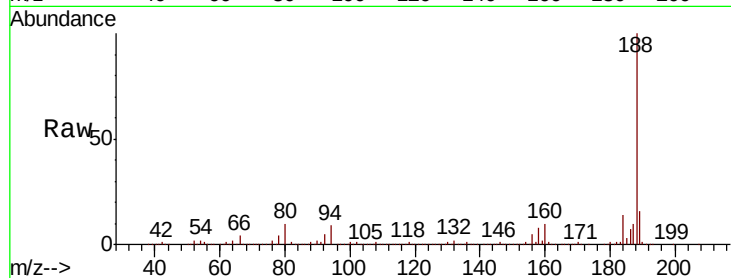




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

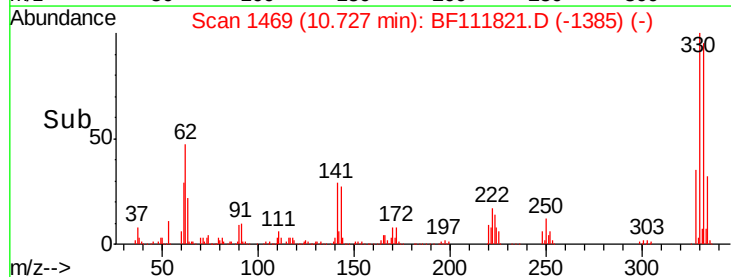
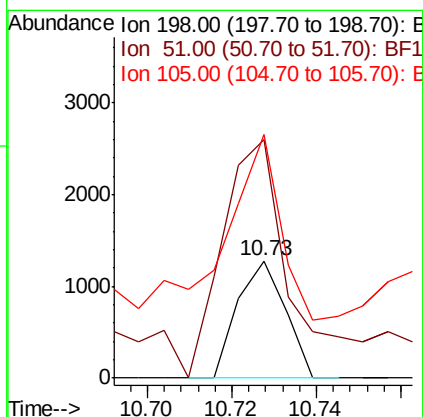
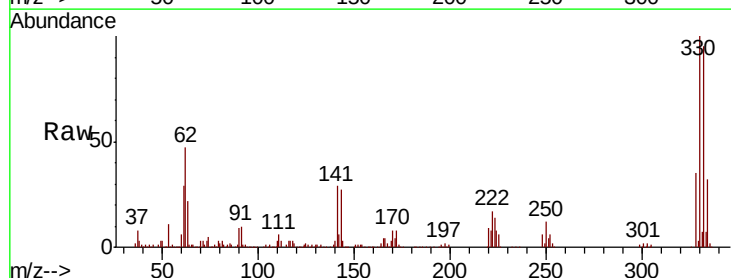
Instrument :
 BNA_F
 ClientSampled :

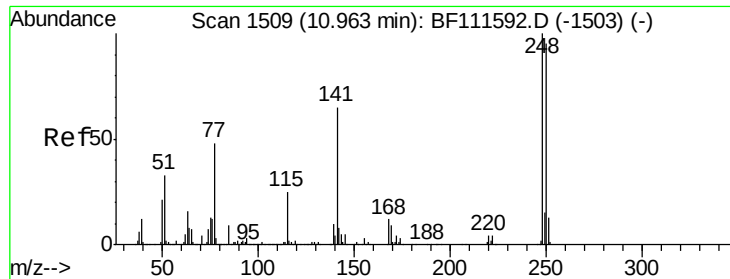
Tot Ion:188 Resp: 700206
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.6 14.4#
 80 10.3 9.8 14.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.990 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Tgt Ion:198 Resp: 999
 Ion Ratio Lower Upper
 198 100
 51 203.6 48.0 88.0#
 105 207.7 34.0 74.0#

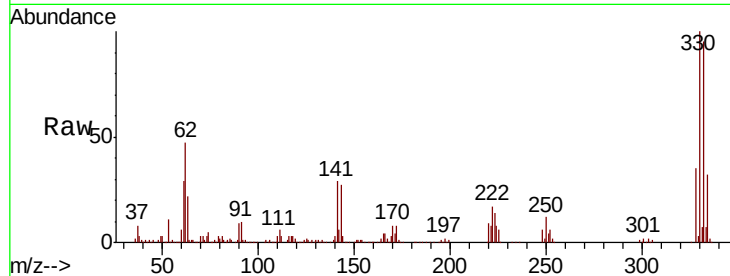




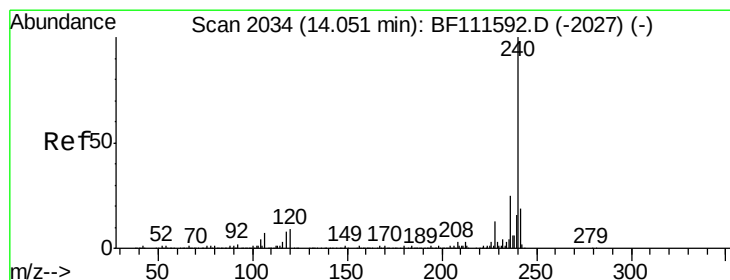
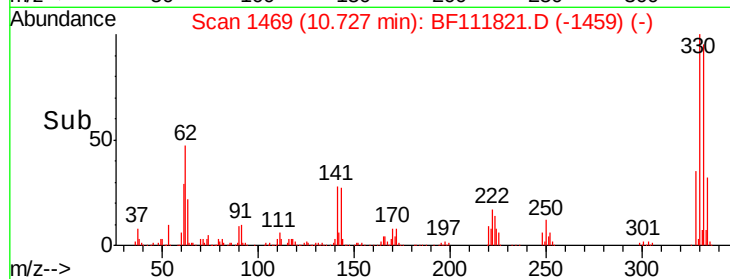
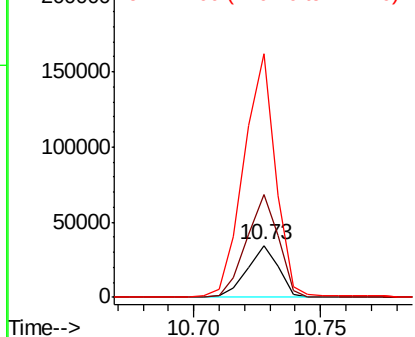
#67
 4-Bromophenyl-phenylether
 Concen: 3.413 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 29645
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.0 115.4#
 141 470.4 63.0 94.6#

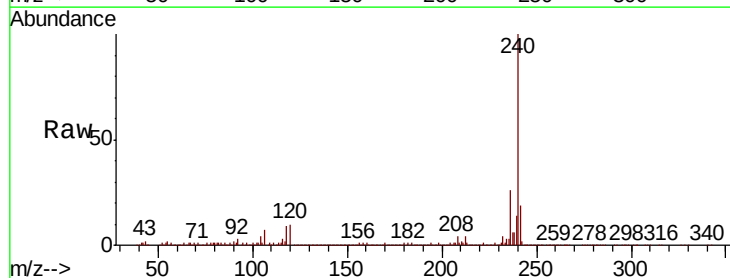


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

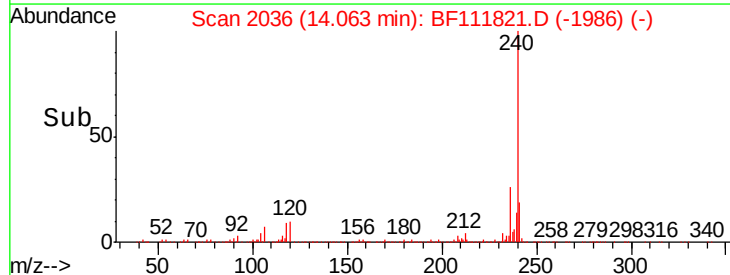
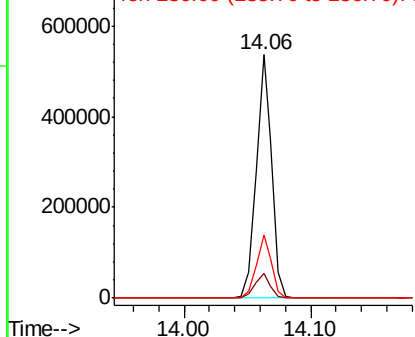


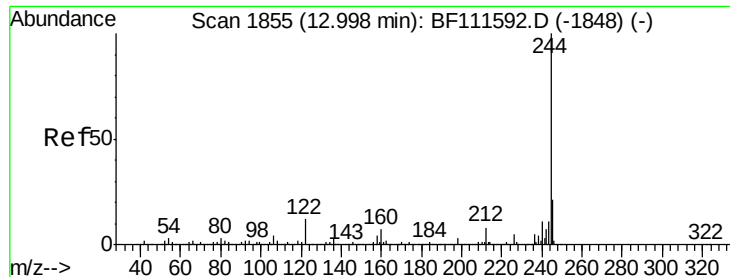
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF111821.D
 Acq: 3 Jan 2019 15:22

Tgt Ion:240 Resp: 457258
 Ion Ratio Lower Upper
 240 100
 120 10.2 12.2 18.2#
 236 25.8 20.2 30.2



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: 45.515 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF111821.D

Acq: 3 Jan 2019 15:22

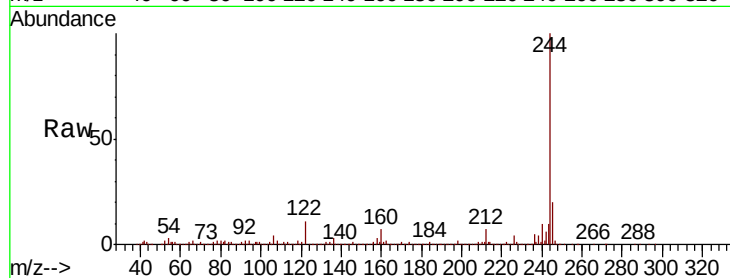
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1097443

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.1	13.1	19.7

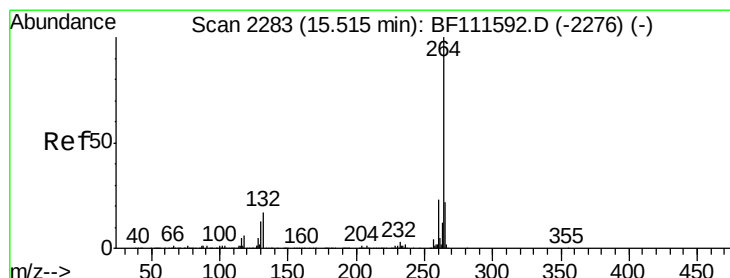
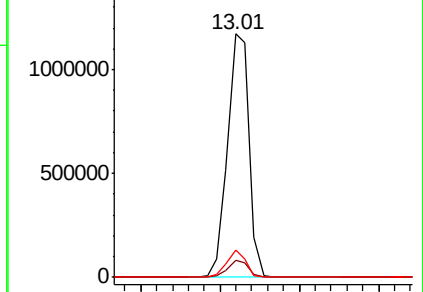
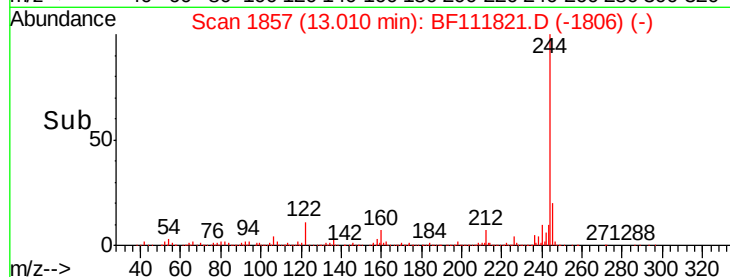


Abundance

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: 15.55 min Scan# 2289

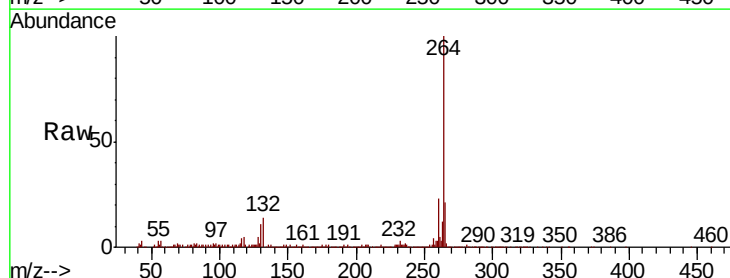
Delta R.T. -0.00 min

Lab File: BF111821.D

Acq: 3 Jan 2019 15:22

Tgt Ion:264 Resp: 389836

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.5	17.7	26.5



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

