

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110355.D
 Acq On : 1 Nov 2018 2:24
 Operator : JU/SJ
 Sample : J5731-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:55:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

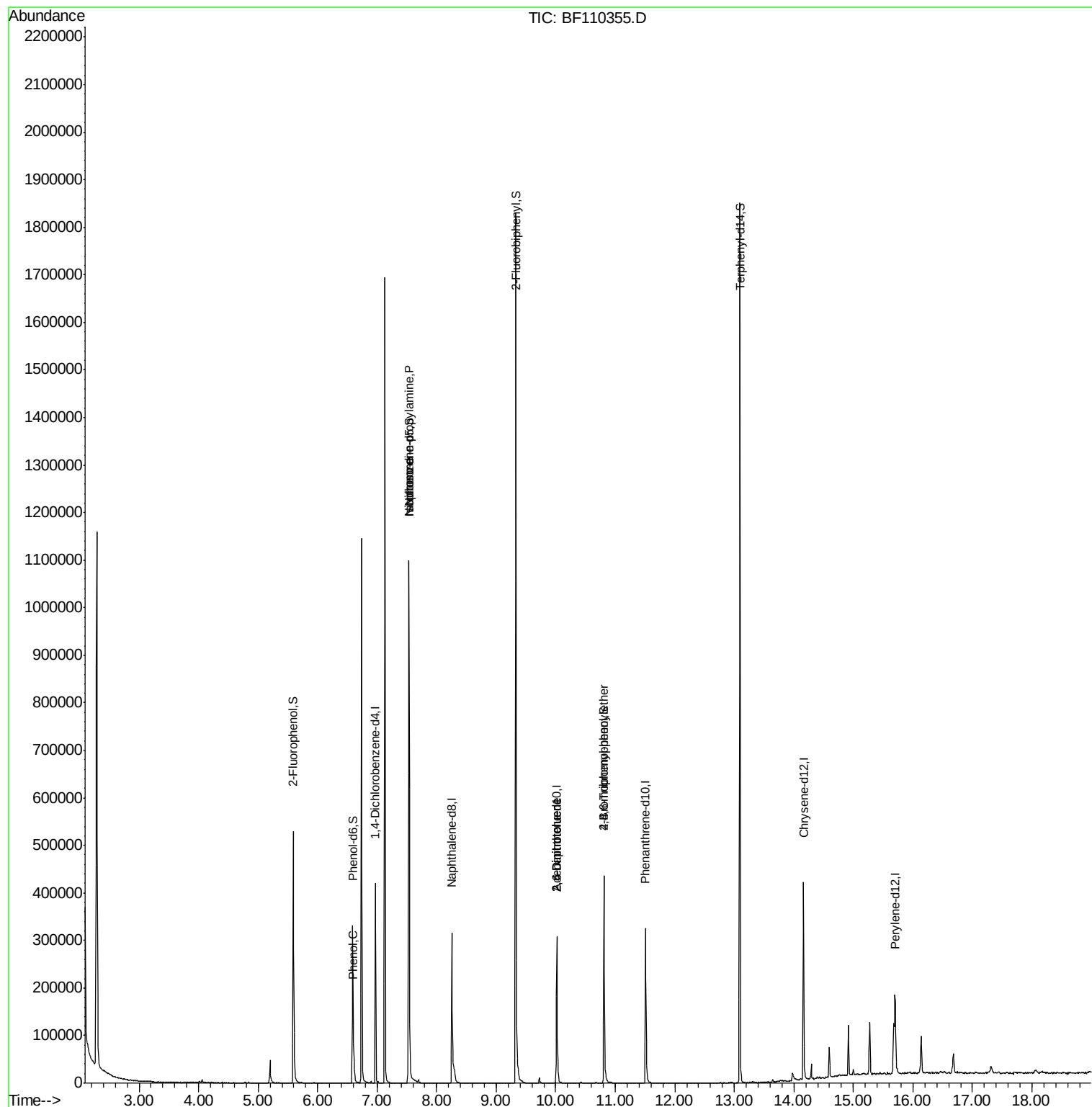
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	59357	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	203402	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	75605	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	141608	20.00	ng	0.00
76) Chrysene-d12	14.16	240	151521	20.00	ng	0.00
87) Perylene-d12	15.70	264	90434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	158775	43.56	ng	0.00
7) Phenol-d6	6.59	99	114065	24.47	ng	-0.02
23) Nitrobenzene-d5	7.53	82	361301	105.36	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	64684	86.37	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	590427	122.63	ng	0.00
79) Terphenyl-d14	13.09	244	598578	82.16	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	16319	3.275	ng	# 69
19) n-Nitroso-di-n-propylamine	7.53	70	45874	15.337	ng	# 80
25) Isophorone	7.53	82	361300	61.807	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	9594	7.981	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	9594	6.283	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	4048	2.635	ng	# 1

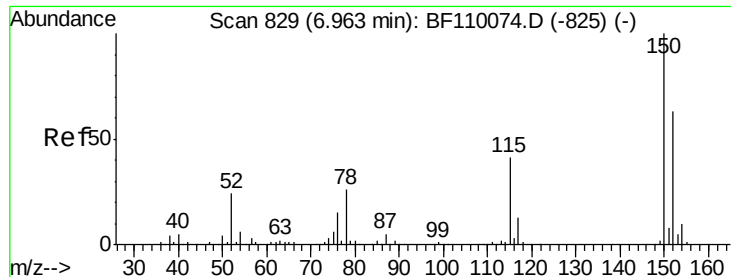
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 04:55:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration



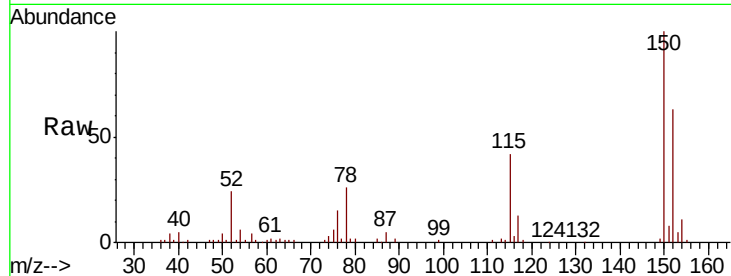


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	66.6	49.1	73.7

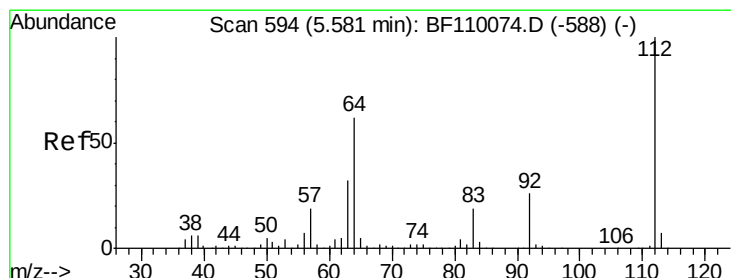
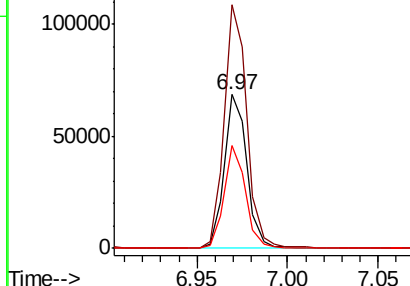
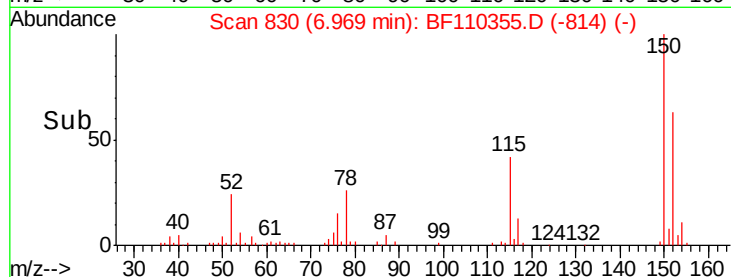


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

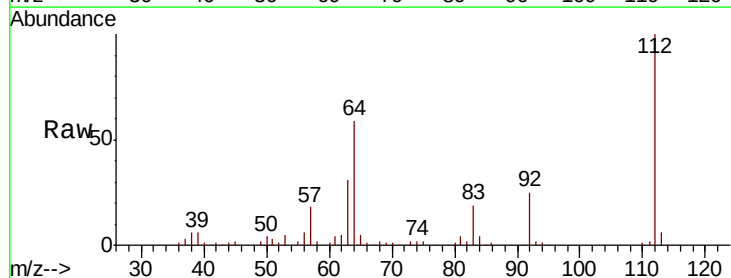
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.560 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	31.2	23.7	35.5

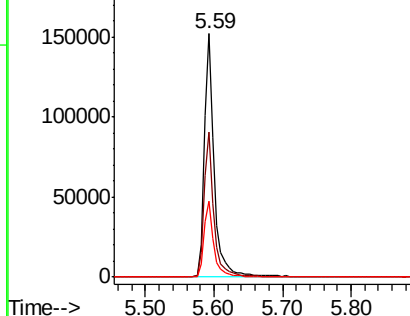
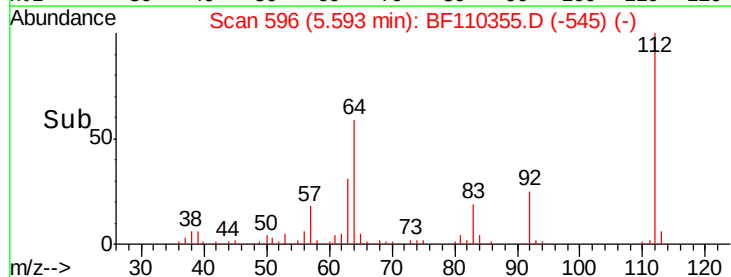


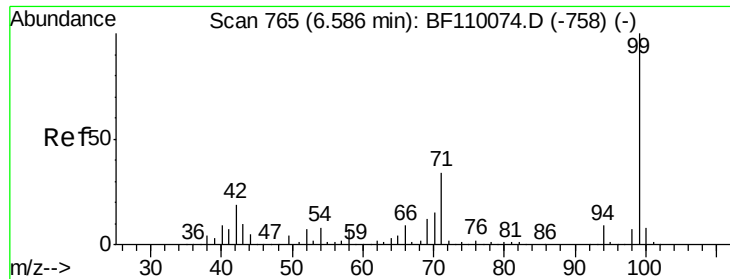
Abundance

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: 24.466 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

Instrument :

BNA_F

ClientSampleId :

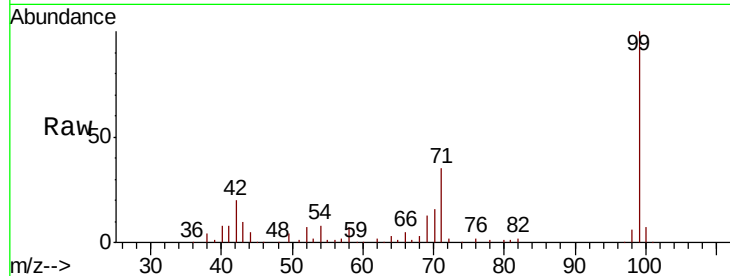
Tot Ion: 99 Resp: 114065

Ion Ratio Lower Upper

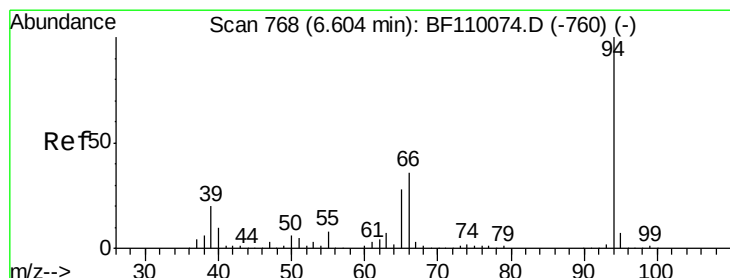
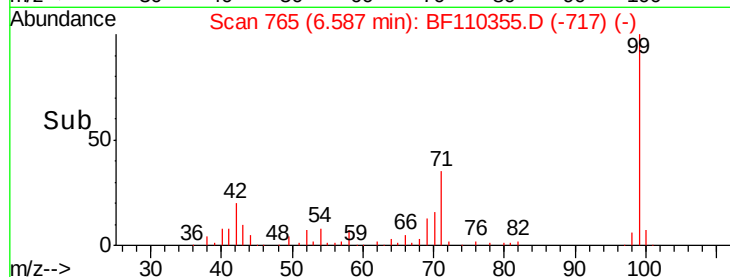
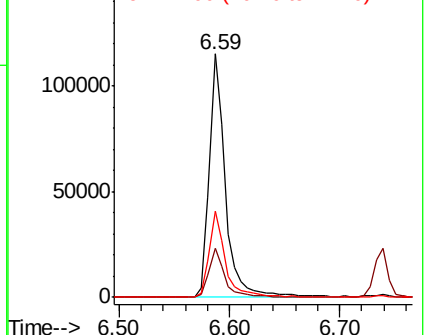
99 100

42 20.0 15.8 23.6

71 35.5 28.0 42.0



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: 3.275 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

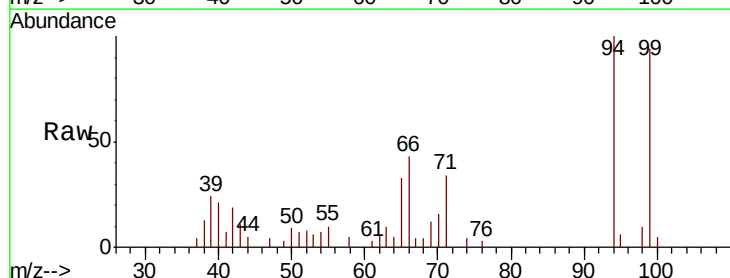
Tgt Ion: 94 Resp: 16319

Ion Ratio Lower Upper

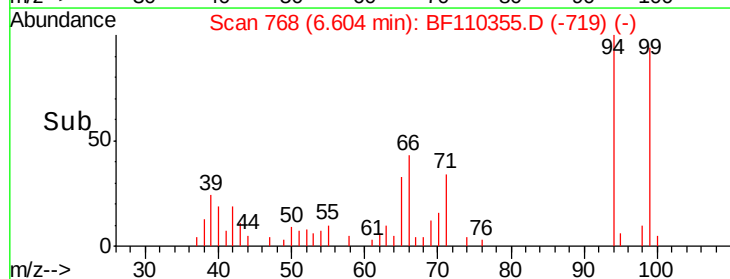
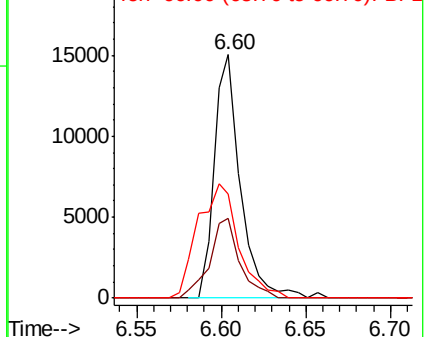
94 100

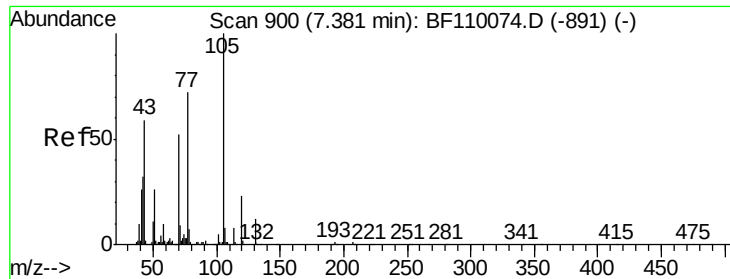
65 32.6 25.3 65.3

66 42.9 54.5 94.5#



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

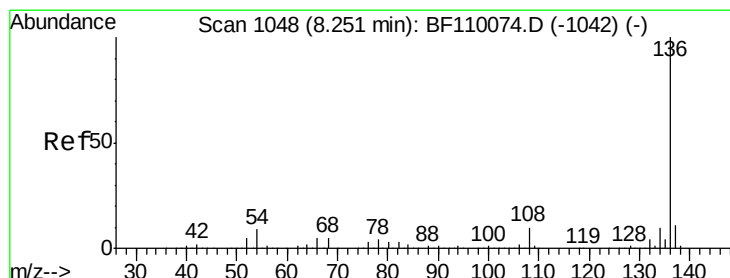
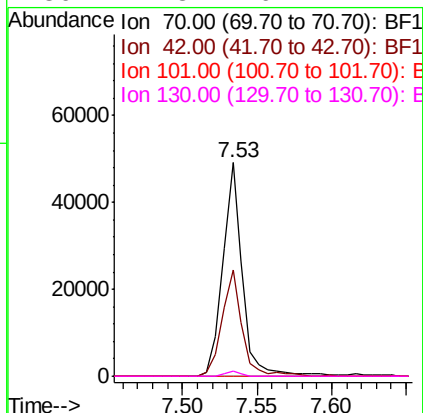
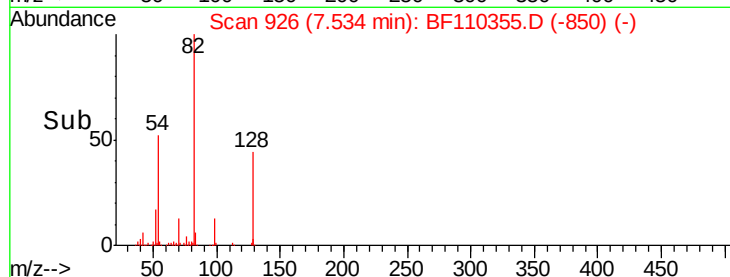
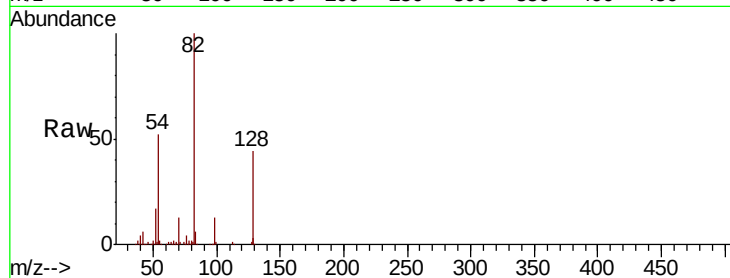




#19
n-Nitroso-di-n-propylamine
Concen: 15.337 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

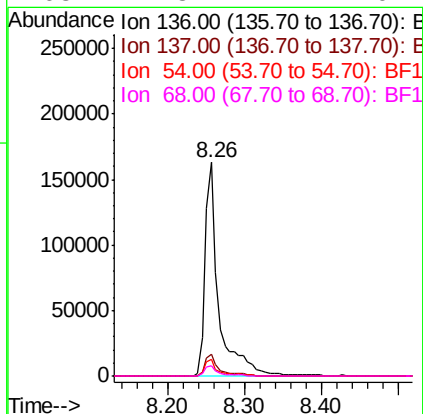
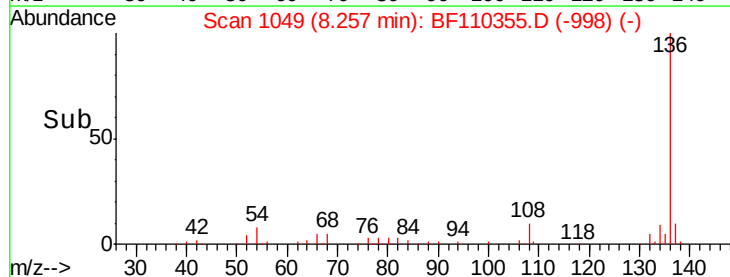
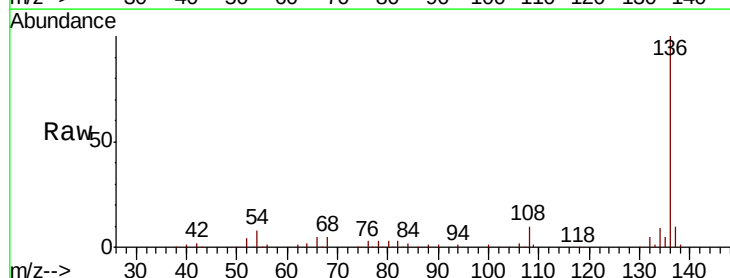
Instrument :
BNA_F
ClientSampleId :

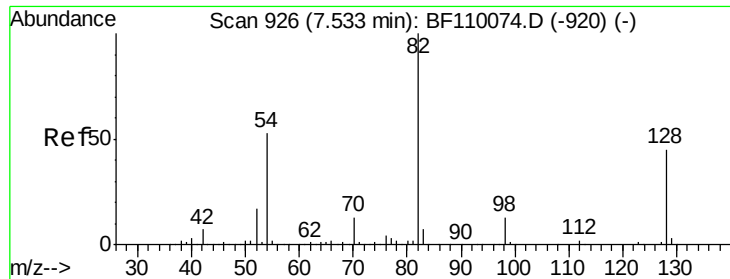
Tot Ion: 70 Resp: 45874
Ion Ratio Lower Upper
70 100
42 49.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion: 136 Resp: 203402
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.7 5.4 8.2
68 4.8 4.2 6.2

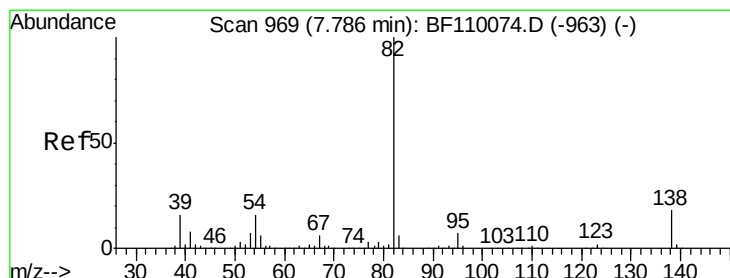
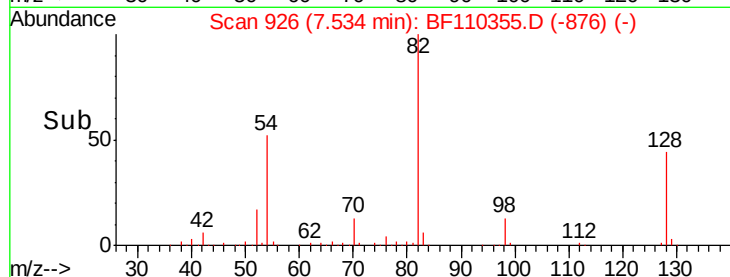
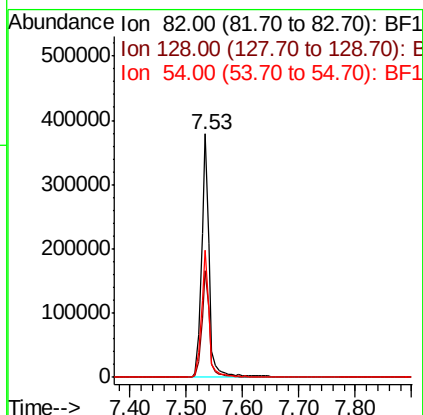
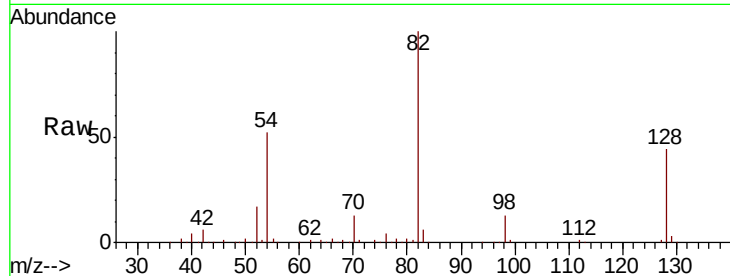




#23
 Nitrobenzene-d5
 Concen: 105.357 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

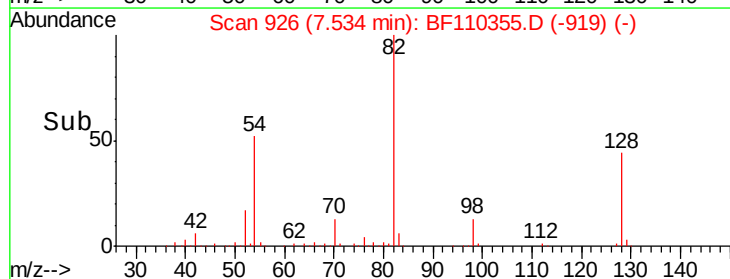
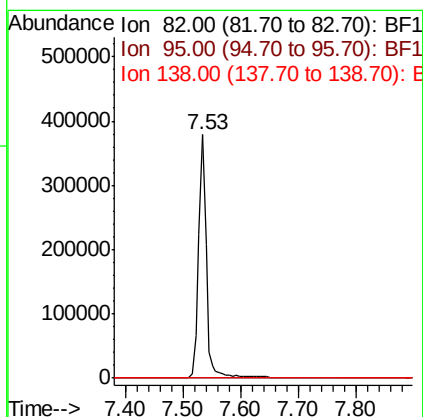
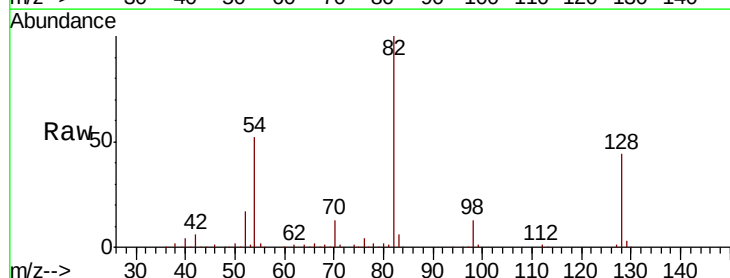
Instrument :
 BNA_F
 ClientSampleId :

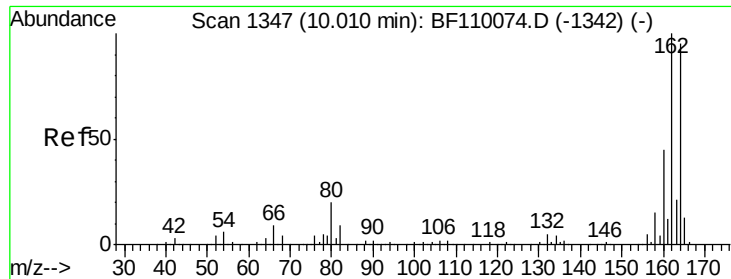
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	52.3	38.6	58.0



#25
 Isophorone
 Concen: 61.807 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

Instrument :

BNA_F

ClientSampled :

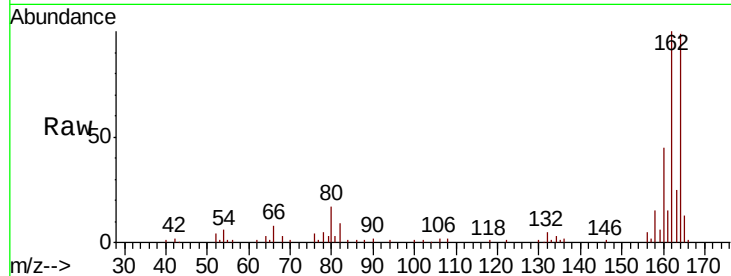
Tot Ion:164 Resp: 75605

Ion Ratio Lower Upper

164 100

162 101.3 83.0 124.6

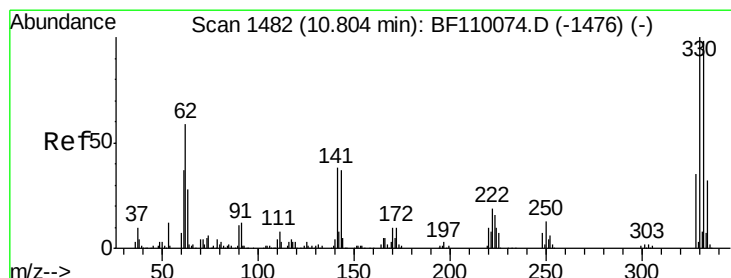
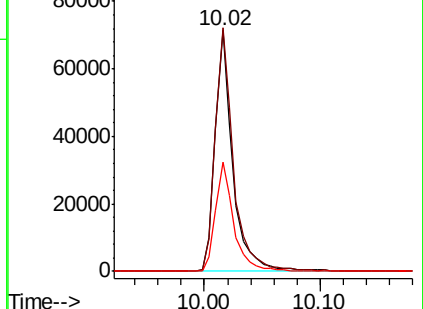
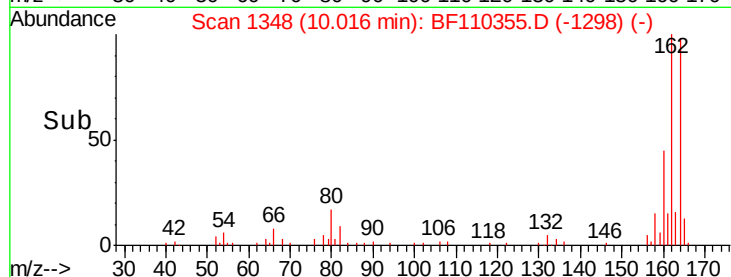
160 45.5 37.0 55.6



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: 86.370 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

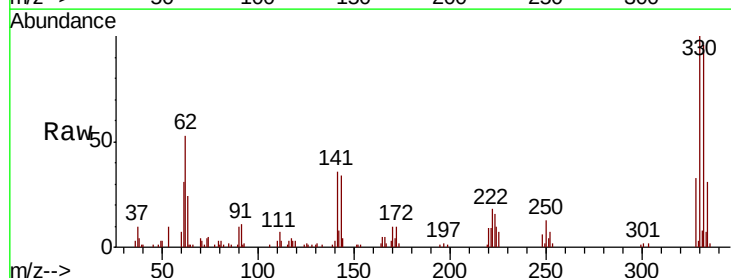
Tgt Ion:330 Resp: 64684

Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

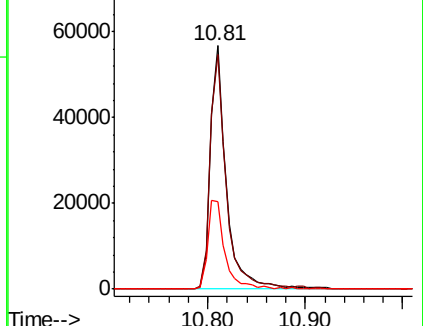
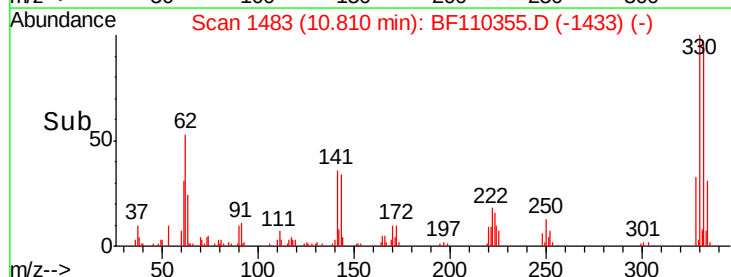
141 38.6 27.0 40.4

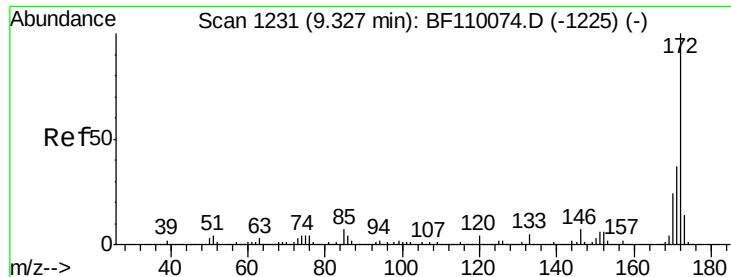


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

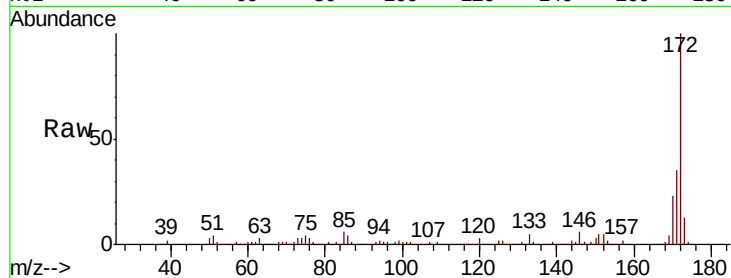




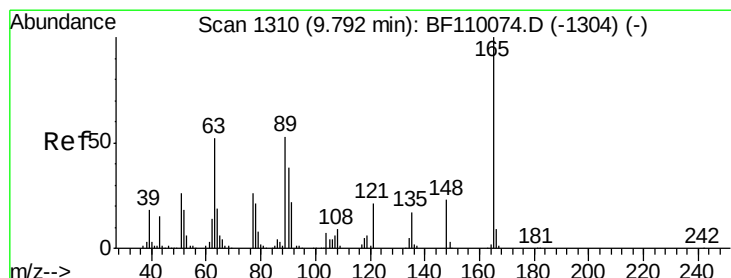
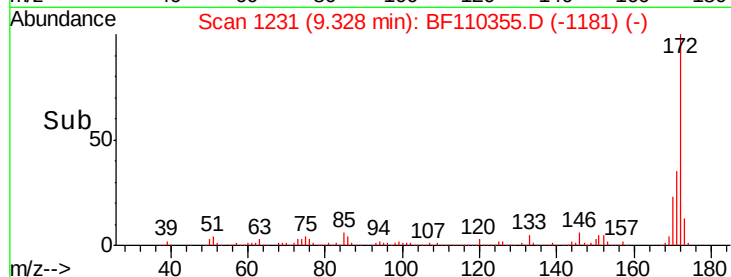
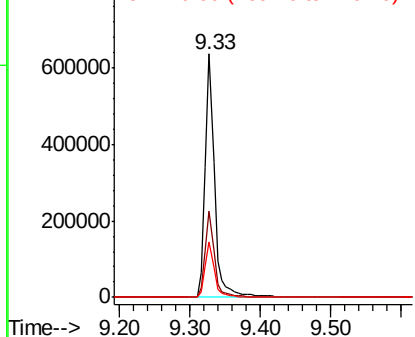
#45
 2-Fluorobiphenyl
 Concen: 122.627 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 590427
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 22.7 19.7 29.5

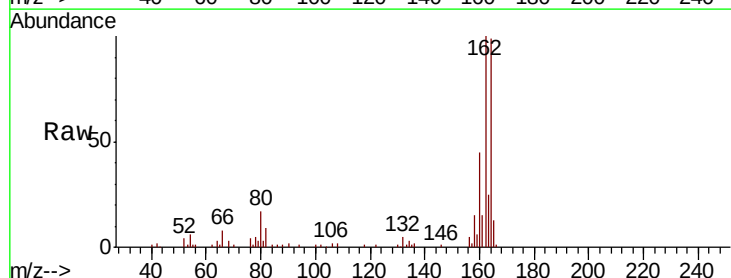


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

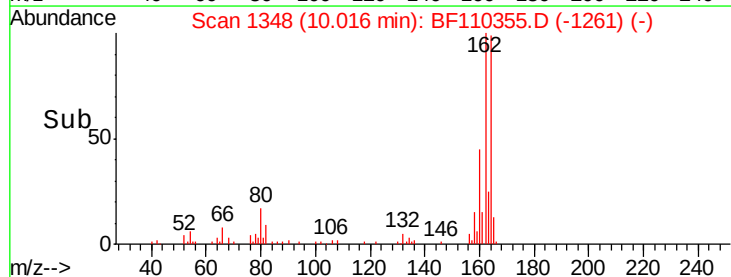
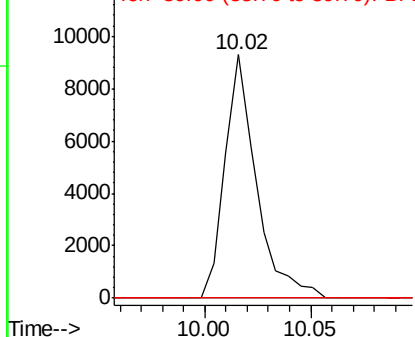


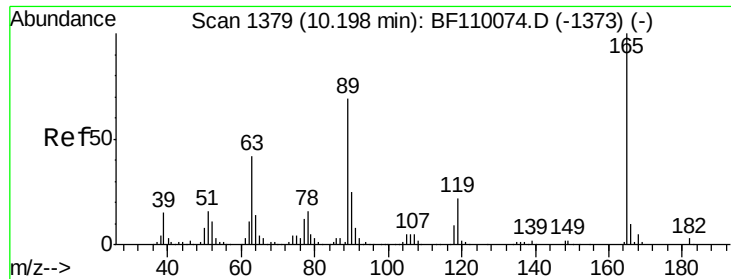
#51
 2,6-Dinitrotoluene
 Concen: 7.981 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Tgt Ion:165 Resp: 9594
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

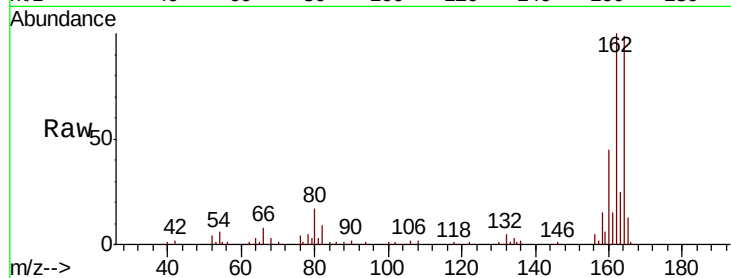




#57
 2,4-Dinitrotoluene
 Concen: 6.283 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

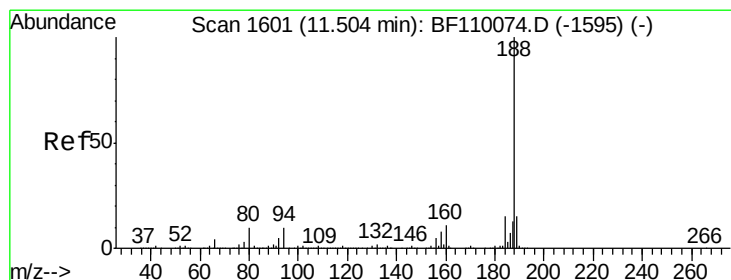
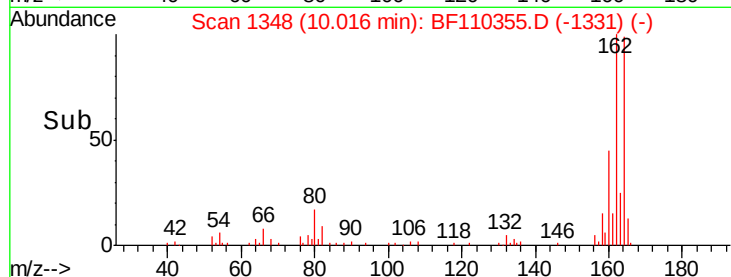
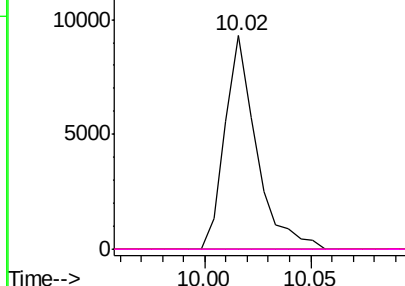


Abundance Ion 165.00 (164.70 to 165.70): E

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



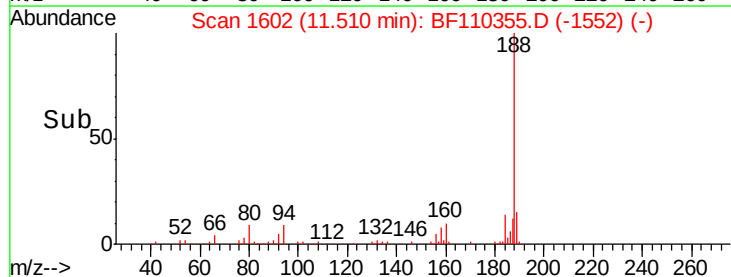
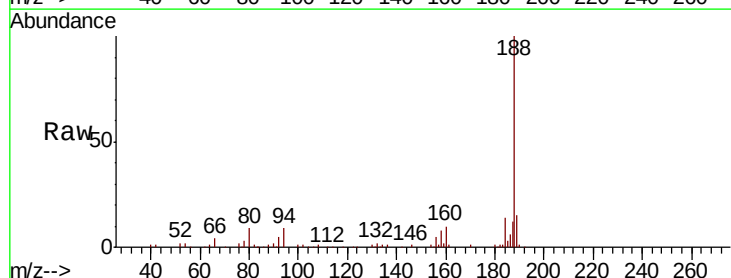
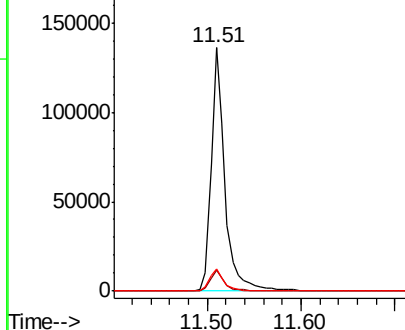
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

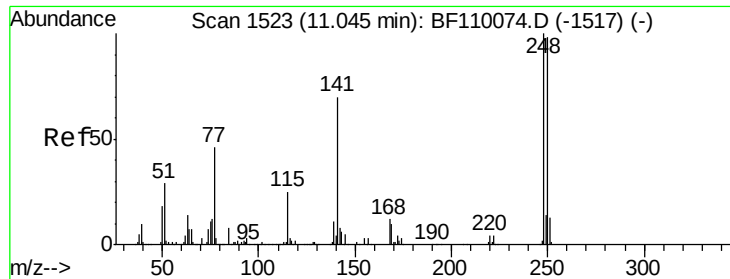
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.1	7.9	11.9

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

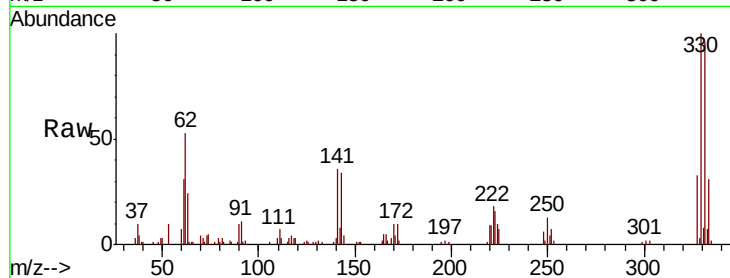




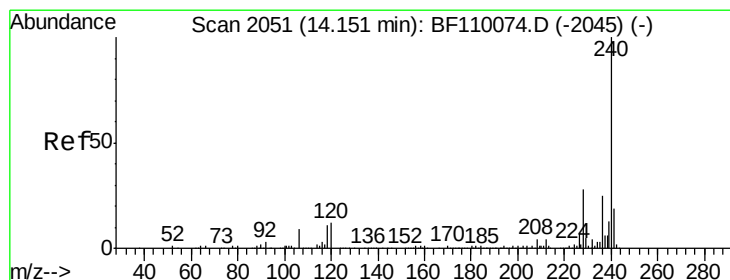
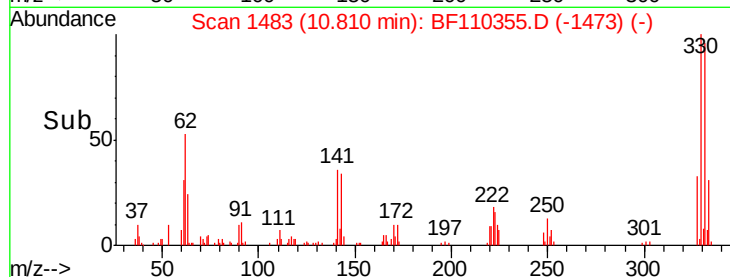
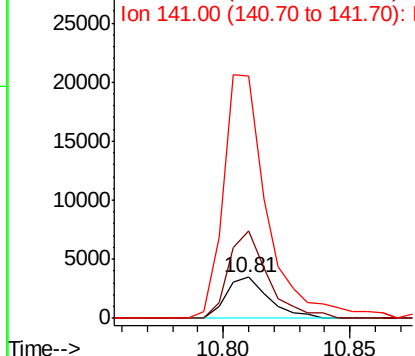
#67
4-Bromophenyl-phenylether
Concen: 2.635 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 4048
Ion Ratio Lower Upper
248 100
250 212.4 79.4 119.2#
141 586.0 55.9 83.9#

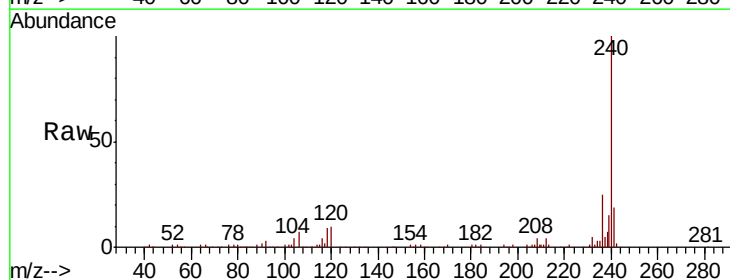


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

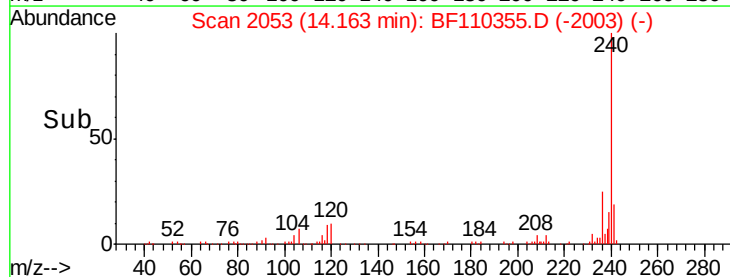
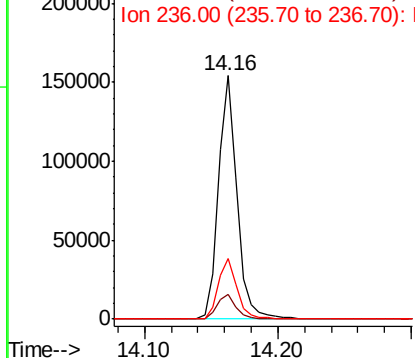


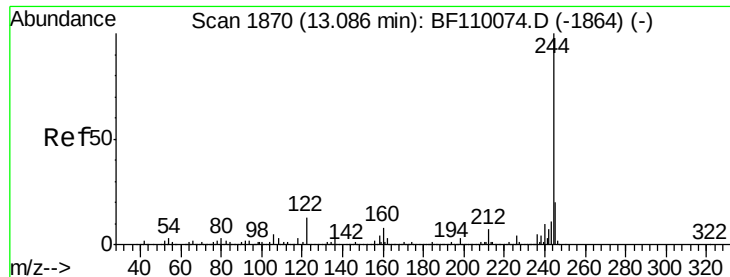
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion:240 Resp: 151521
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 24.8 21.2 31.8



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

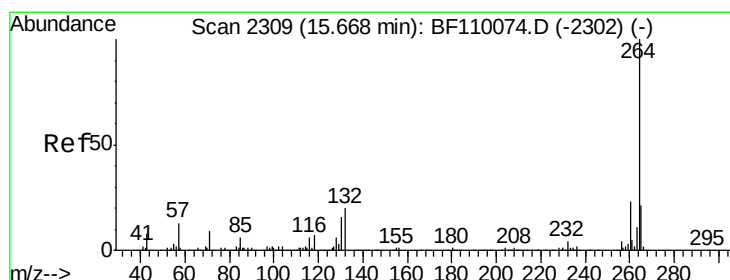
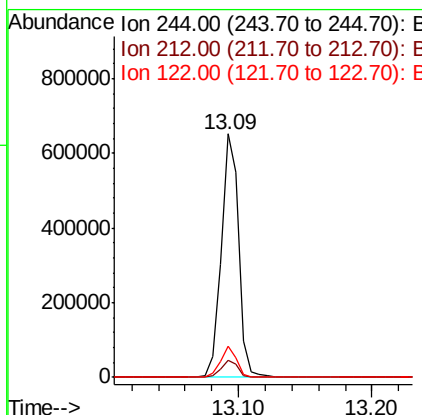
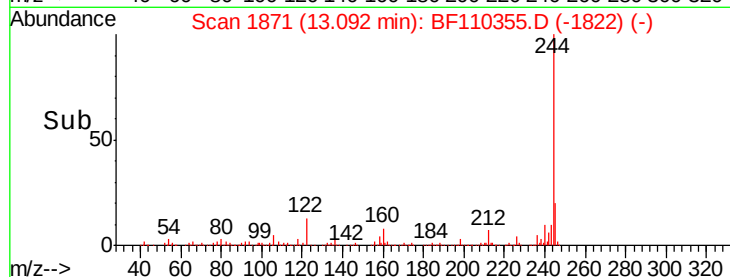
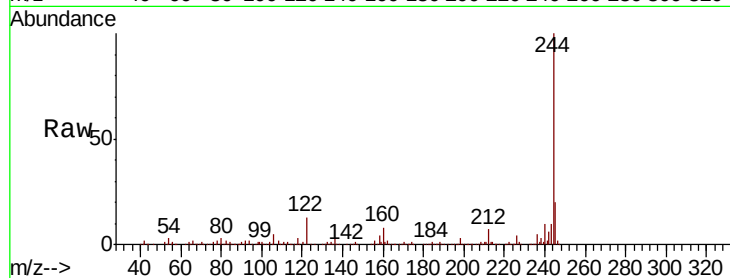




#79
 Terphenyl-d14
 Concen: 82.158 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 598578
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Tgt Ion:264 Resp: 90434
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.6 16.7 25.1

