

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110301.D
 Acq On : 30 Oct 2018 14:27
 Operator : JU/SJ
 Sample : J5724-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 14:56:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

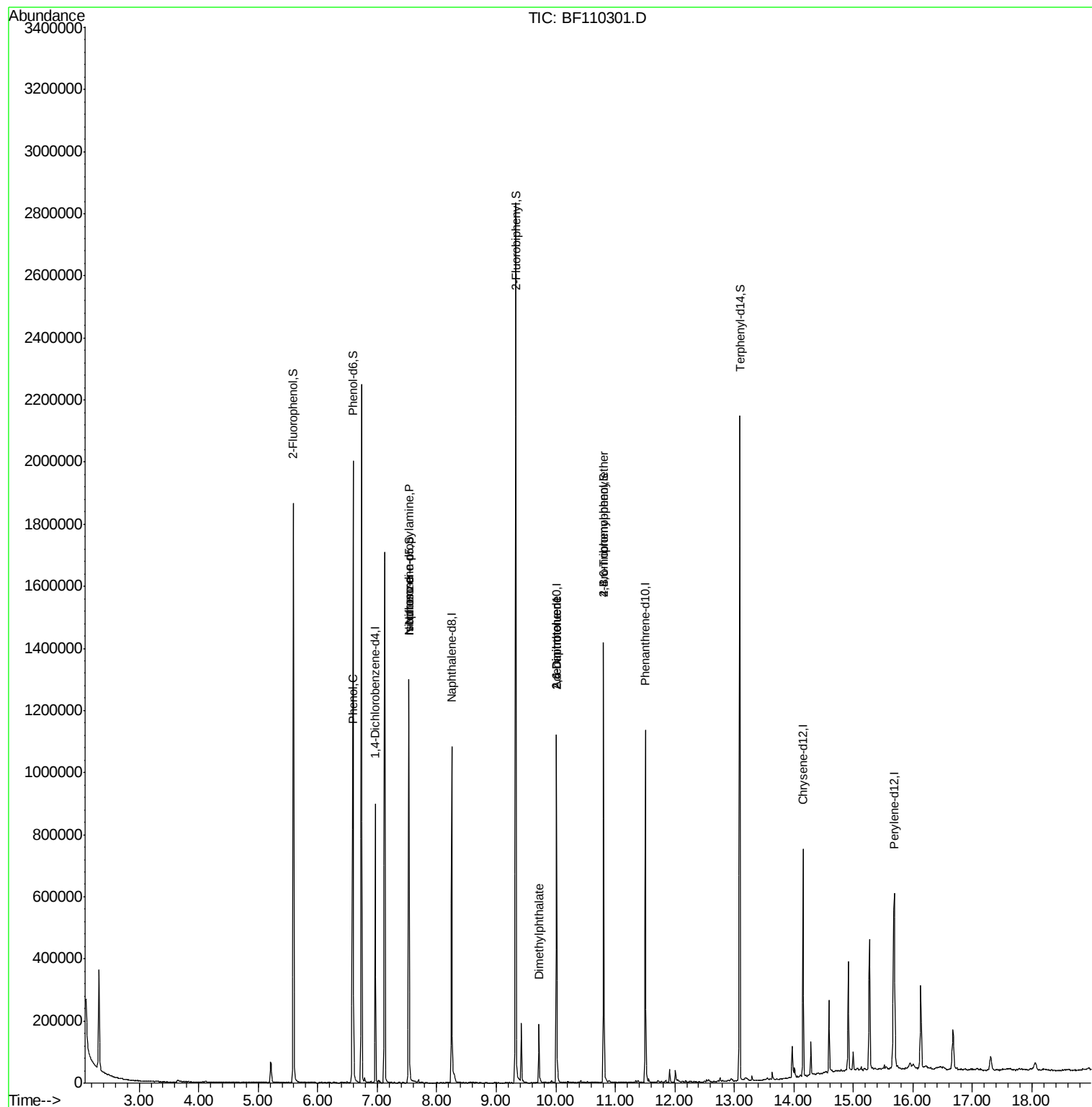
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122450	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	514544	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	244113	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	429031	20.00	ng	0.00
76) Chrysene-d12	14.16	240	255787	20.00	ng	0.00
87) Perylene-d12	15.69	264	227662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	560704	74.57	ng	0.01
7) Phenol-d6	6.59	99	701322	72.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	440957	50.83	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	165431	68.41	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	870229	55.98	ng	0.00
79) Terphenyl-d14	13.09	244	681683	55.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1472	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	50195	4.882 ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	59098	9.578 ng	#	80
25) Isophorone	7.53	82	440954	29.819 ng	#	67
50) Dimethylphthalate	9.72	163	83294	4.622 ng		100
51) 2,6-Dinitrotoluene	10.01	165	31087	8.009 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	31087	6.305 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	10881	2.338 ng	#	1

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

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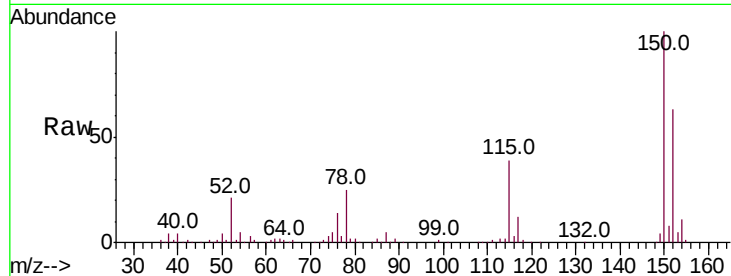


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110301.D
Acq: 30 Oct 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	61.3	49.1	73.7

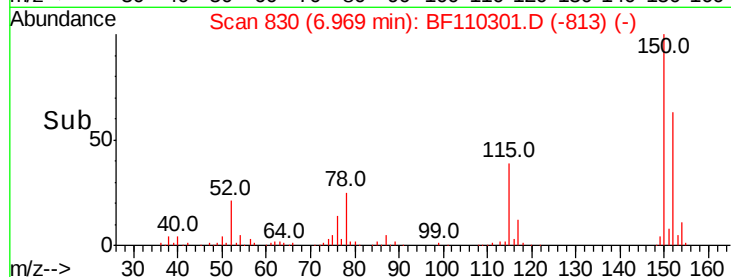
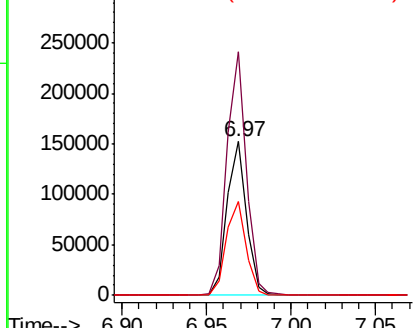


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

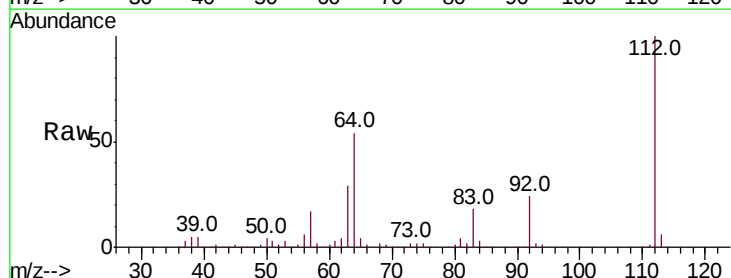
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.568 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110301.D
Acq: 30 Oct 2018 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.1	66.1
63	29.3	23.7	35.5

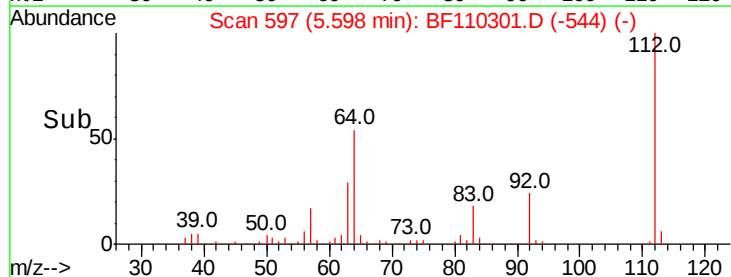
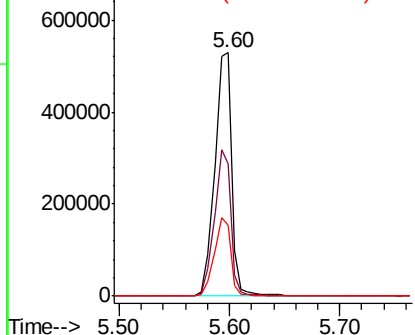


Abundance

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: 72.918 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

Instrument :

BNA_F

ClientSampleId :

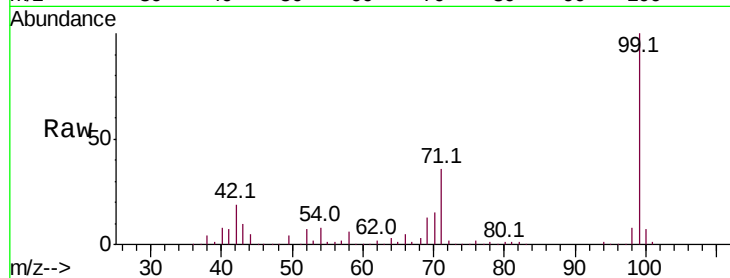
Tot Ion: 99 Resp: 701322

Ion Ratio Lower Upper

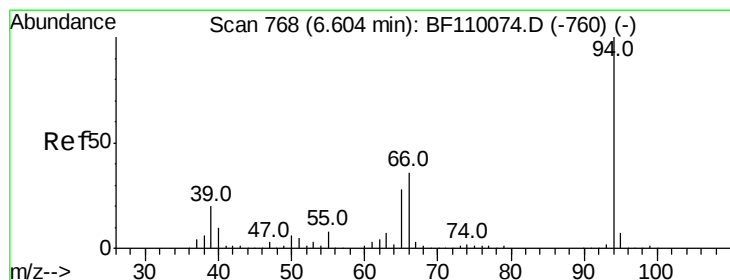
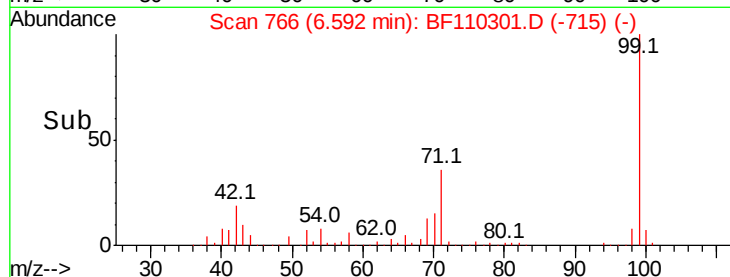
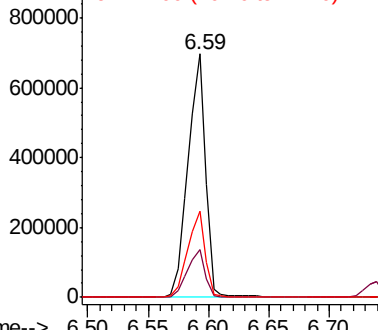
99 100

42 19.5 15.8 23.6

71 35.6 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: 4.882 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

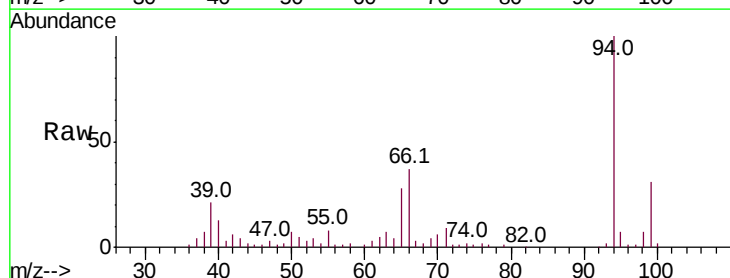
Tgt Ion: 94 Resp: 50195

Ion Ratio Lower Upper

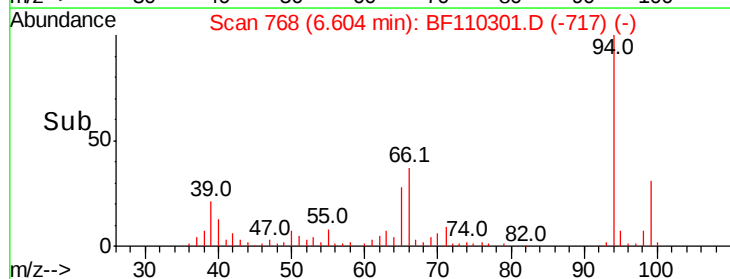
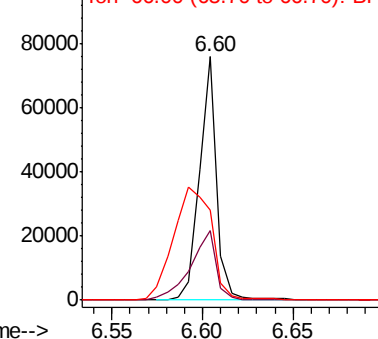
94 100

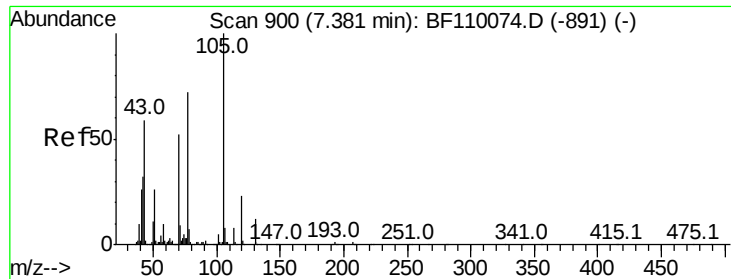
65 28.3 25.3 65.3

66 37.0 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

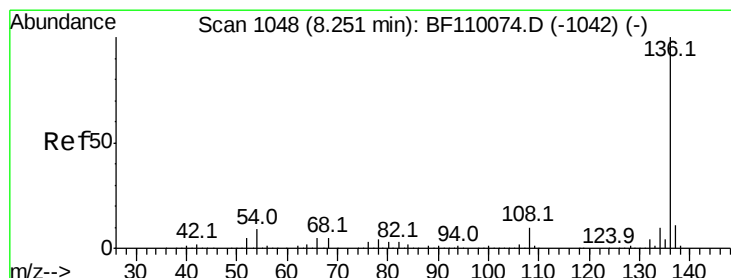
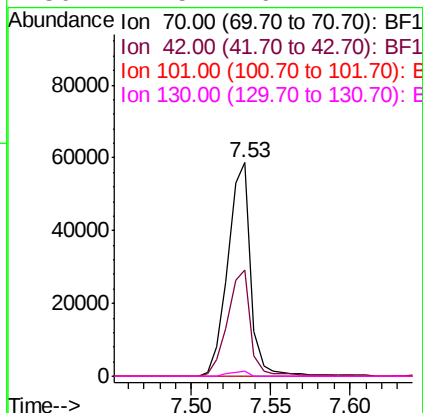
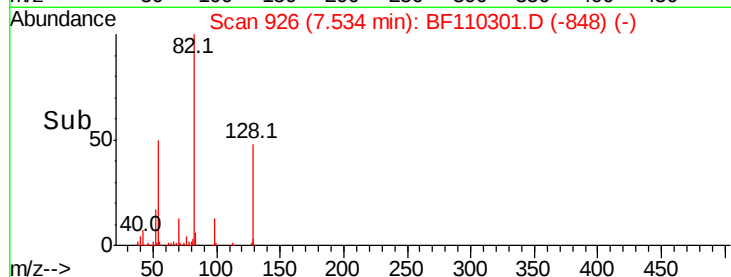
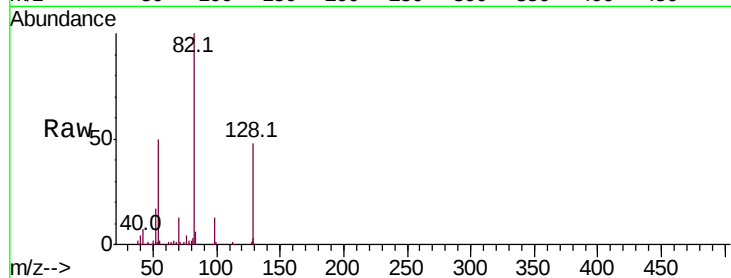




#19
n-Nitroso-di-n-propylamine
Concen: 9.578 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110301.D
Acq: 30 Oct 2018 14:27

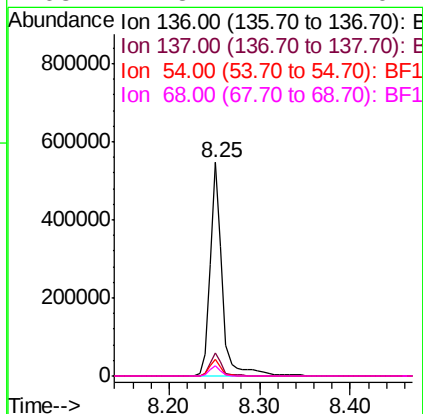
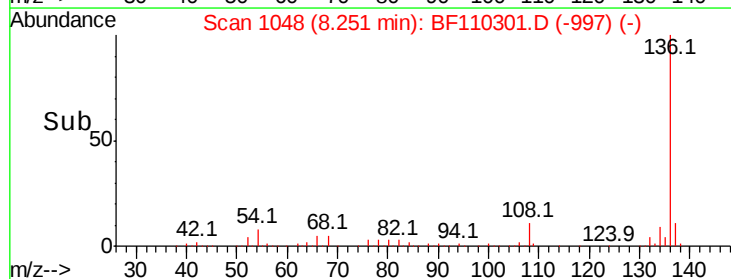
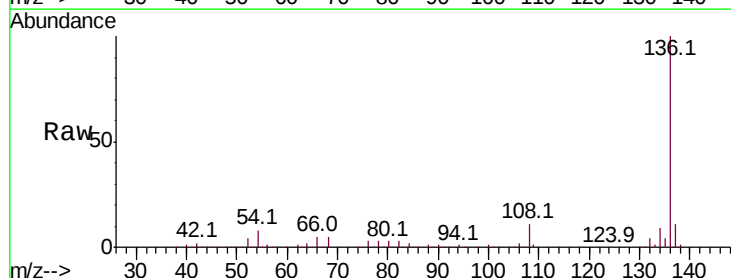
Instrument :
BNA_F
ClientSampleId :

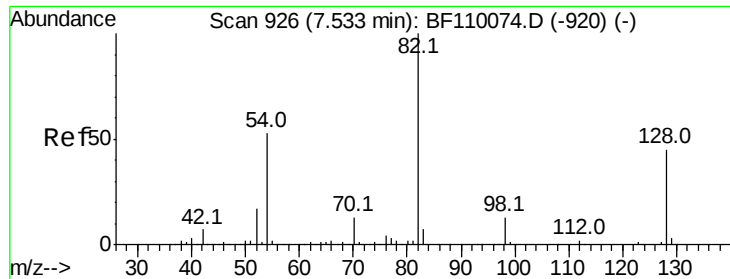
Tot Ion: 70 Resp: 59098
Ion Ratio Lower Upper
70 100
42 49.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110301.D
Acq: 30 Oct 2018 14:27

Tgt Ion: 136 Resp: 514544
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 5.4 8.2
68 4.8 4.2 6.2

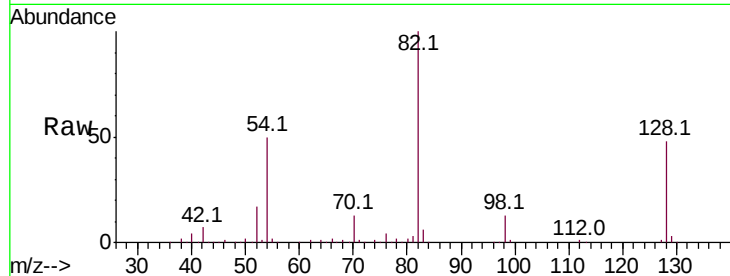




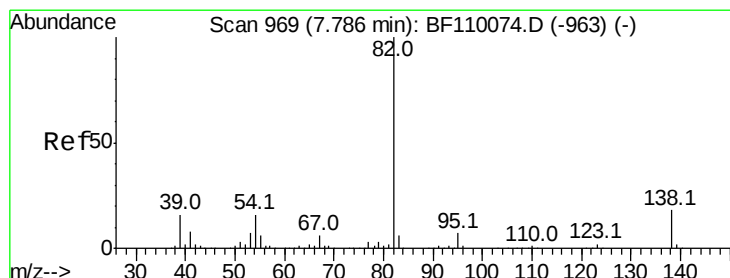
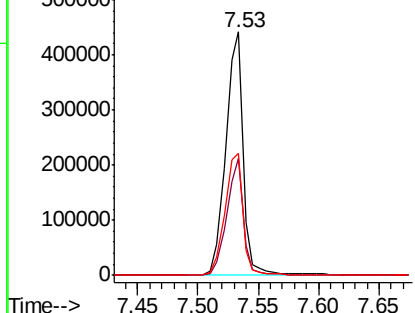
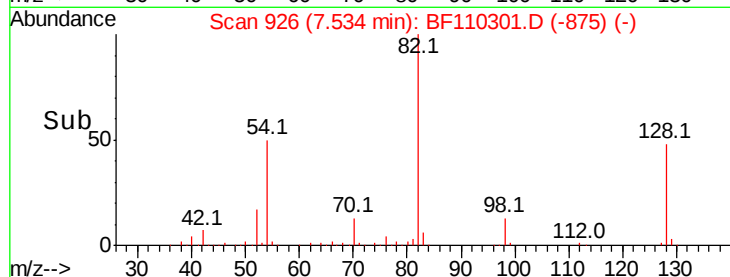
#23
 Nitrobenzene-d5
 Concen: 50.831 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	440957
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.2	51.2
54	50.1	38.6	58.0

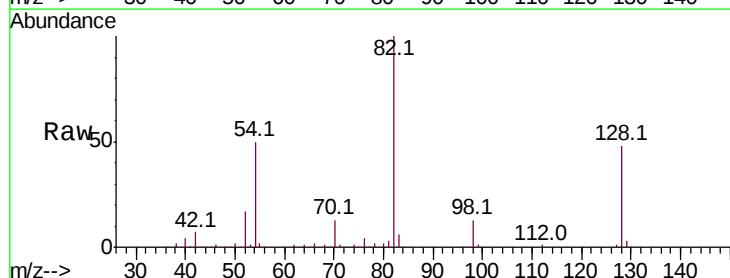


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

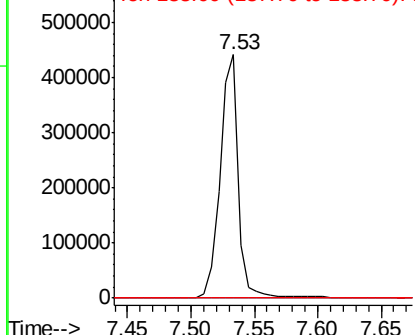
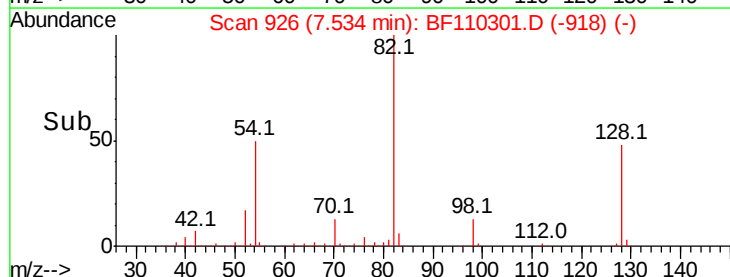


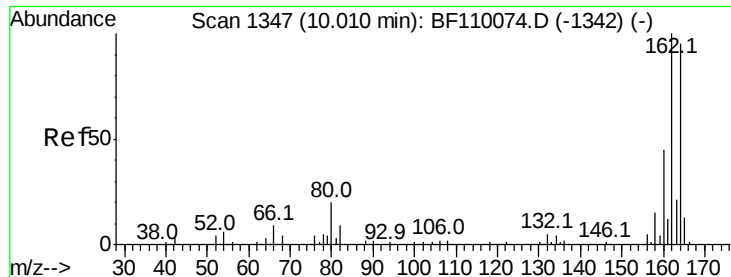
#25
 Isophorone
 Concen: 29.819 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Tgt Ion	82	Resp	440954
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

Instrument :

BNA_F

ClientSampleId :

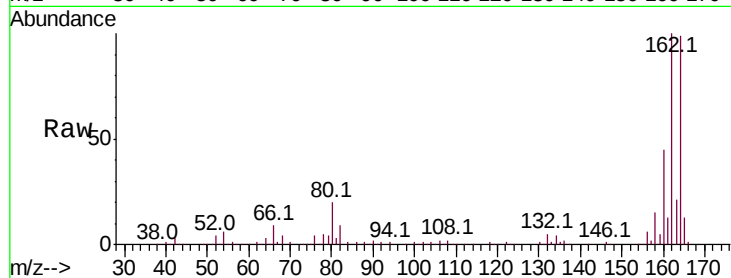
Tot Ion:164 Resp: 244113

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

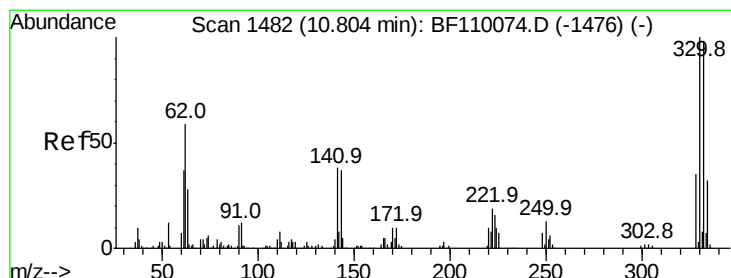
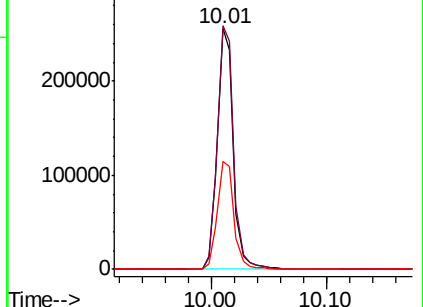
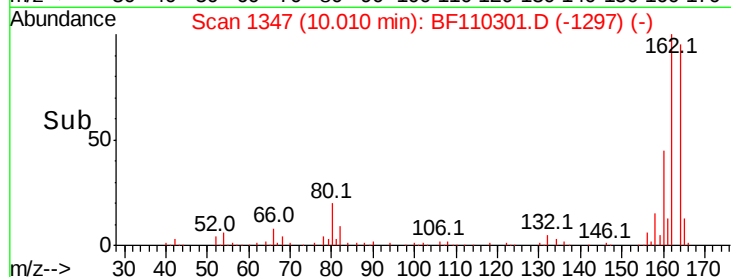
160 45.1 37.0 55.6



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: 68.414 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

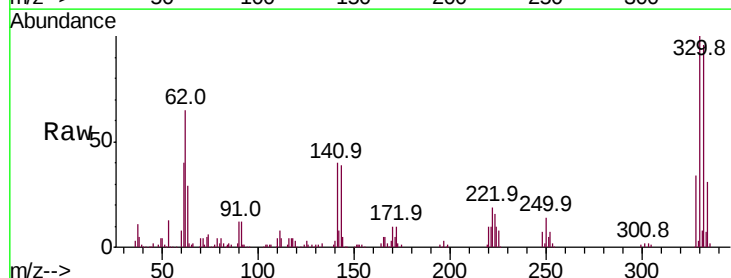
Tgt Ion:330 Resp: 165431

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

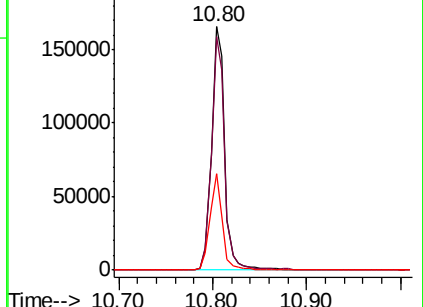
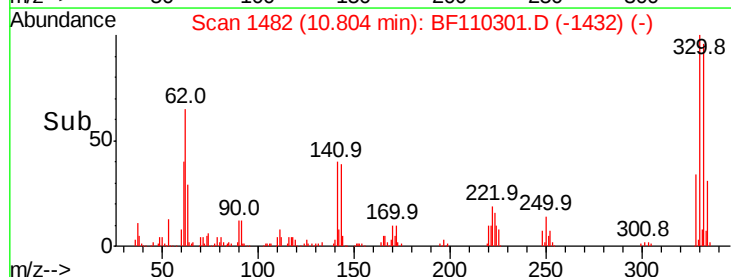
141 37.2 27.0 40.4

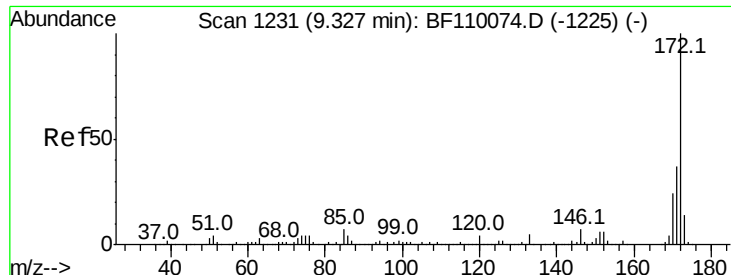


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

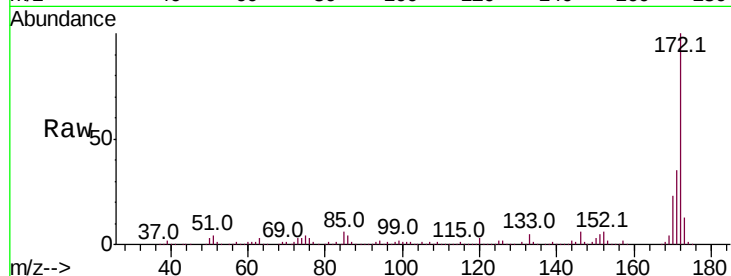




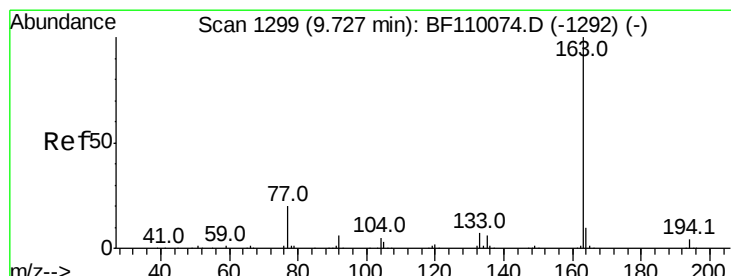
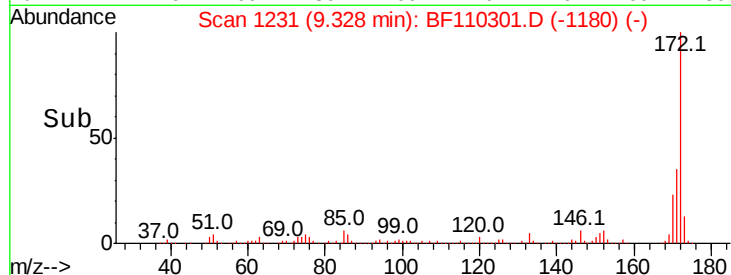
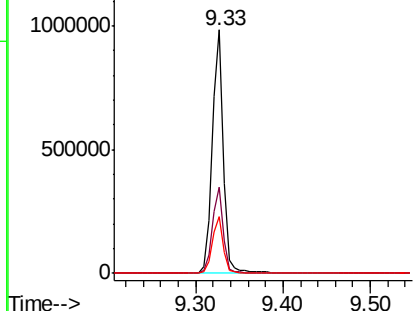
#45
 2-Fluorobiphenyl
 Concen: 55.978 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 870229
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.3 19.7 29.5

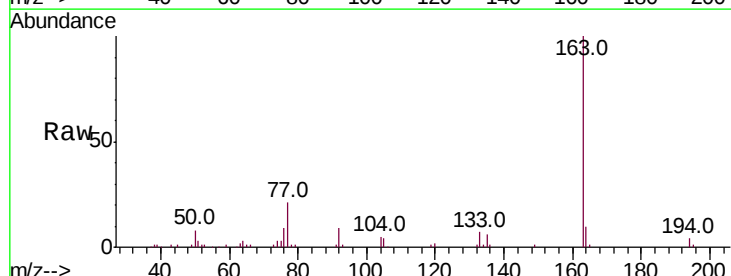


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

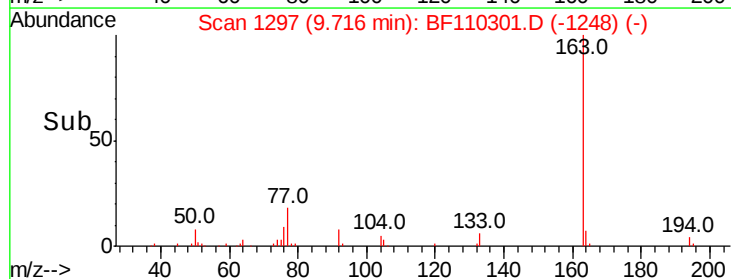
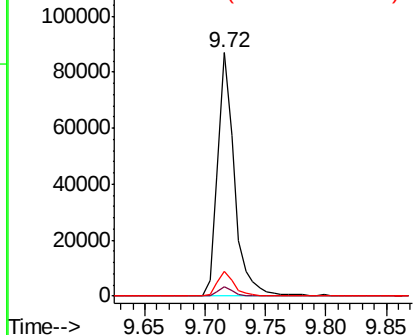


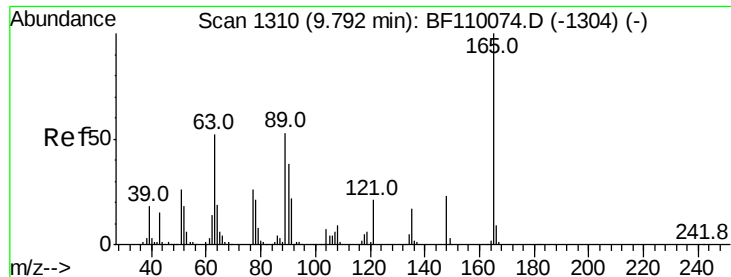
#50
 Dimethylphthalate
 Concen: 4.622 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Tgt Ion:163 Resp: 83294
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.1 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 8.009 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

Instrument :

BNA_F

ClientSampleId :

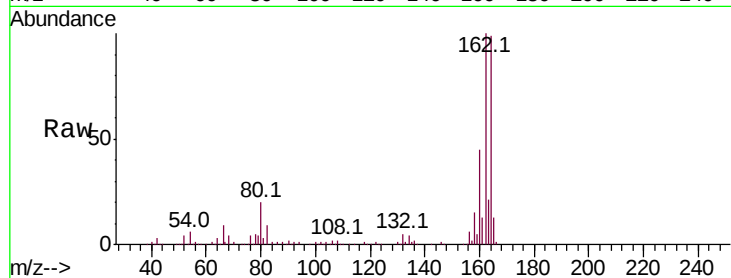
Tot Ion:165 Resp: 31087

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

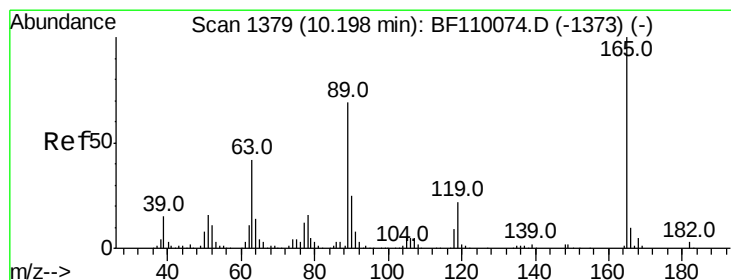
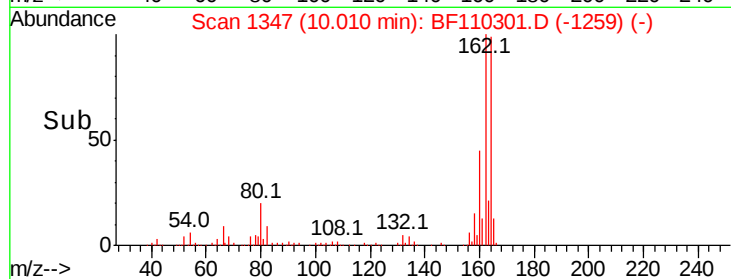
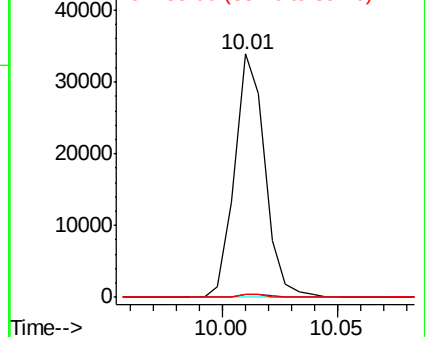
89 1.4 46.6 69.8#



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: 6.305 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

Tgt Ion:165 Resp: 31087

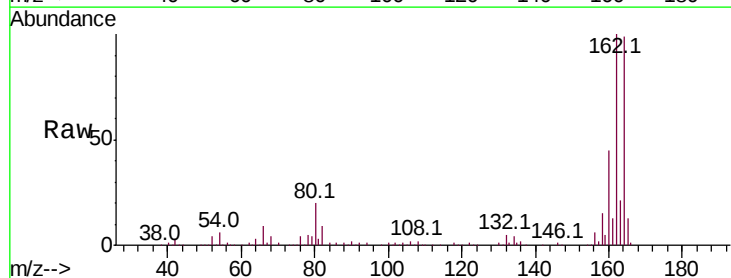
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.4 62.2 93.4#

182 0.0 2.1 3.1#

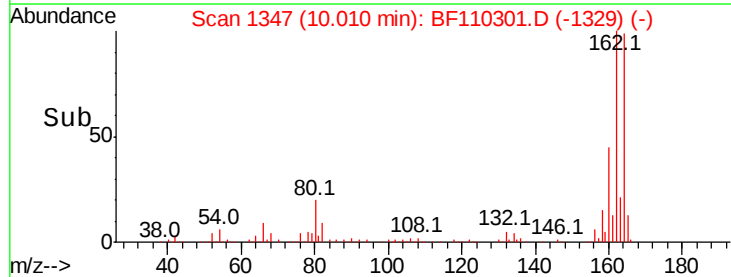
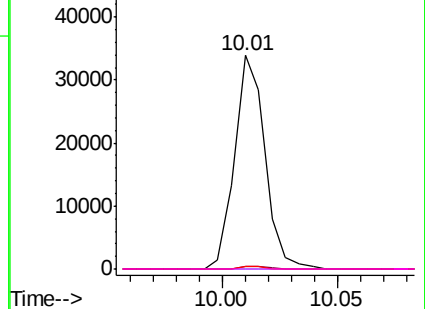


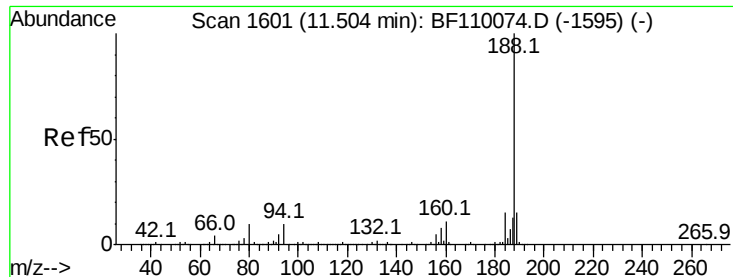
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

Instrument :

BNA_F

ClientSampleId :

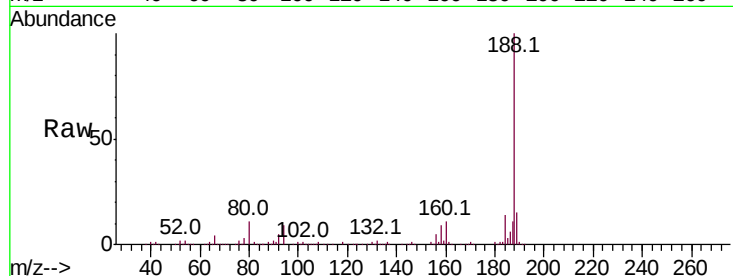
Tot Ion:188 Resp: 429031

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

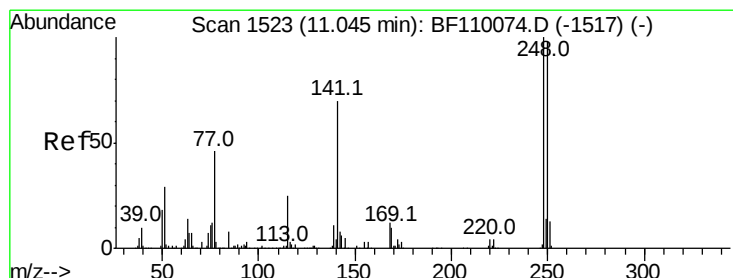
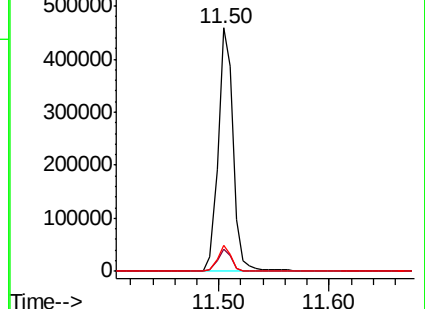
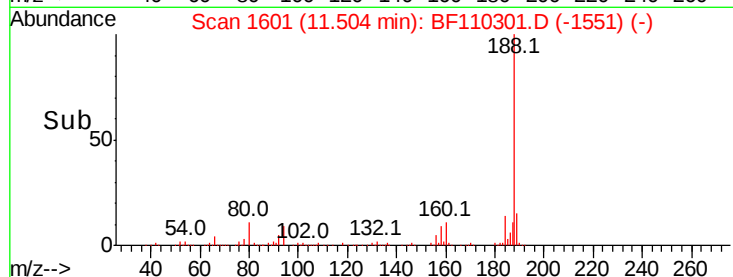
80 10.6 7.9 11.9



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: 2.338 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.24 min

Lab File: BF110301.D

Acq: 30 Oct 2018 14:27

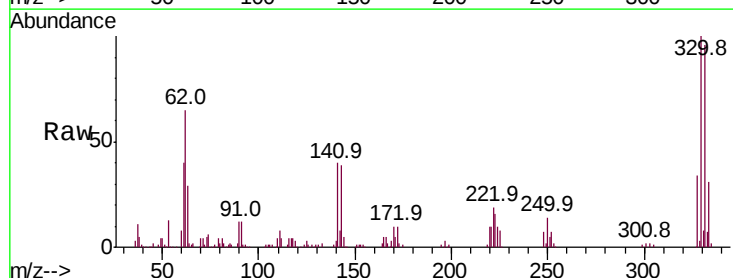
Tgt Ion:248 Resp: 10881

Ion Ratio Lower Upper

248 100

250 198.3 79.4 119.2#

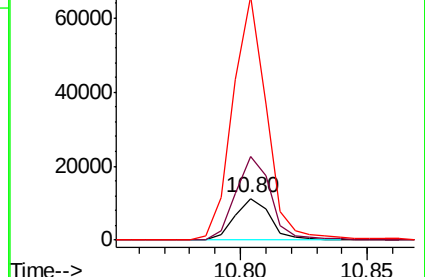
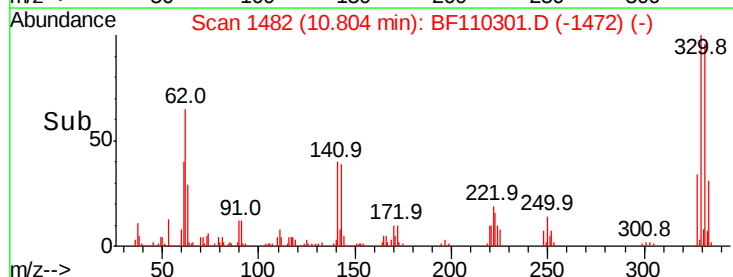
141 581.6 55.9 83.9#

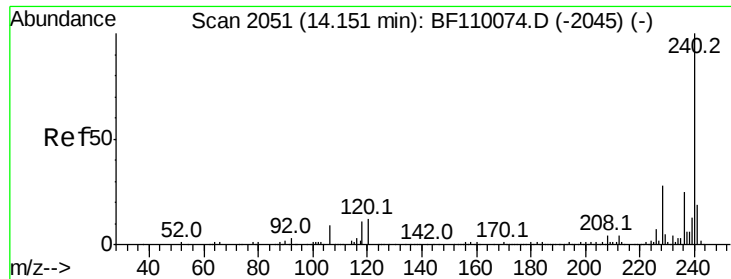


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

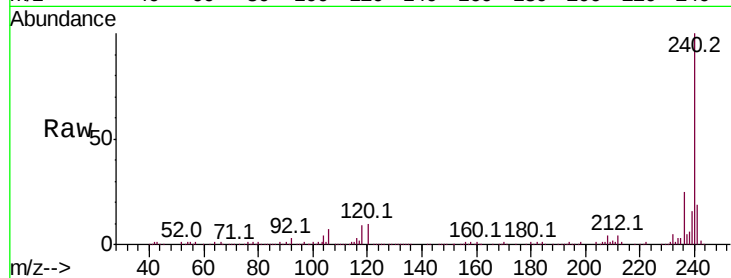




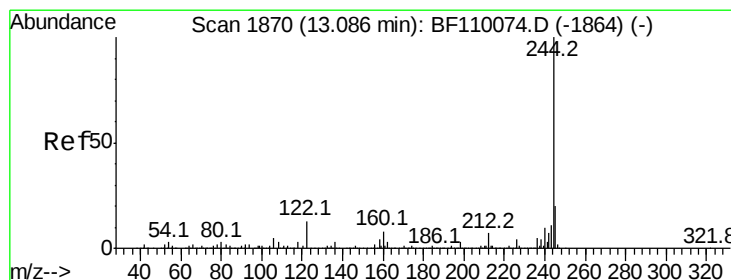
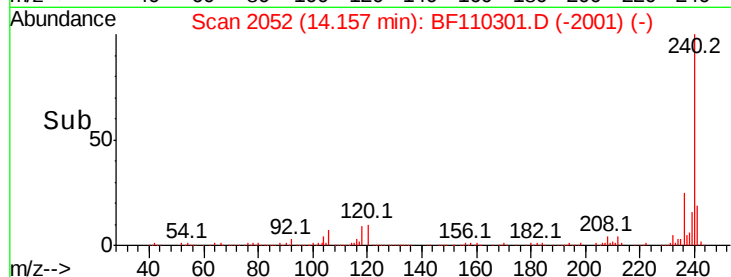
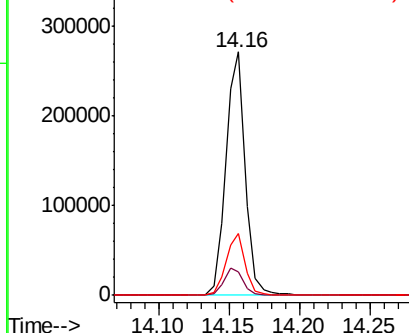
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	25.4	21.2	31.8

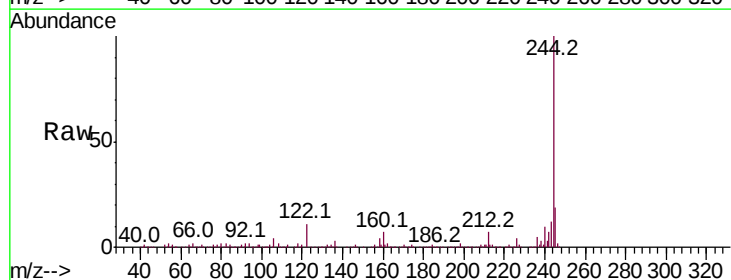


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

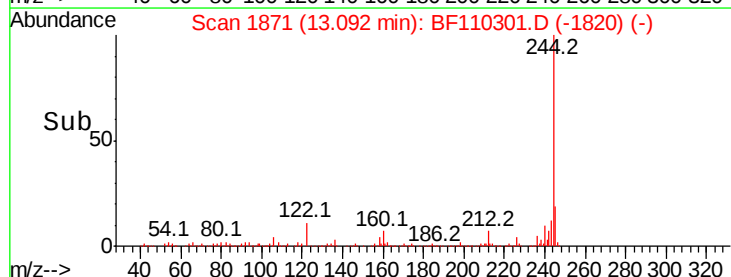
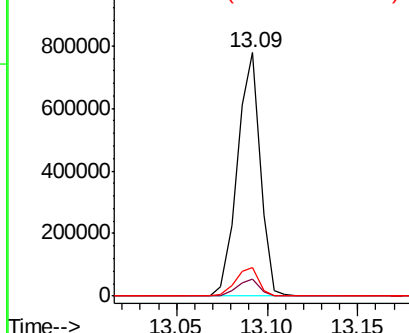


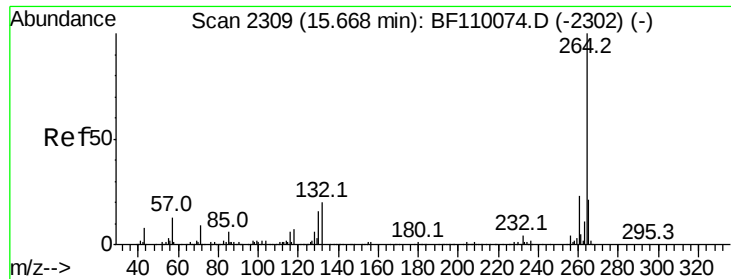
#79
 Terphenyl-d14
 Concen: 55.425 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110301.D
 Acq: 30 Oct 2018 14:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.5	8.7	13.1



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110301.D
Acq: 30 Oct 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.8	16.7	25.1

