

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110328.D
 Acq On : 31 Oct 2018 13:12
 Operator : JU/SJ
 Sample : J5737-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 14:17:19 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

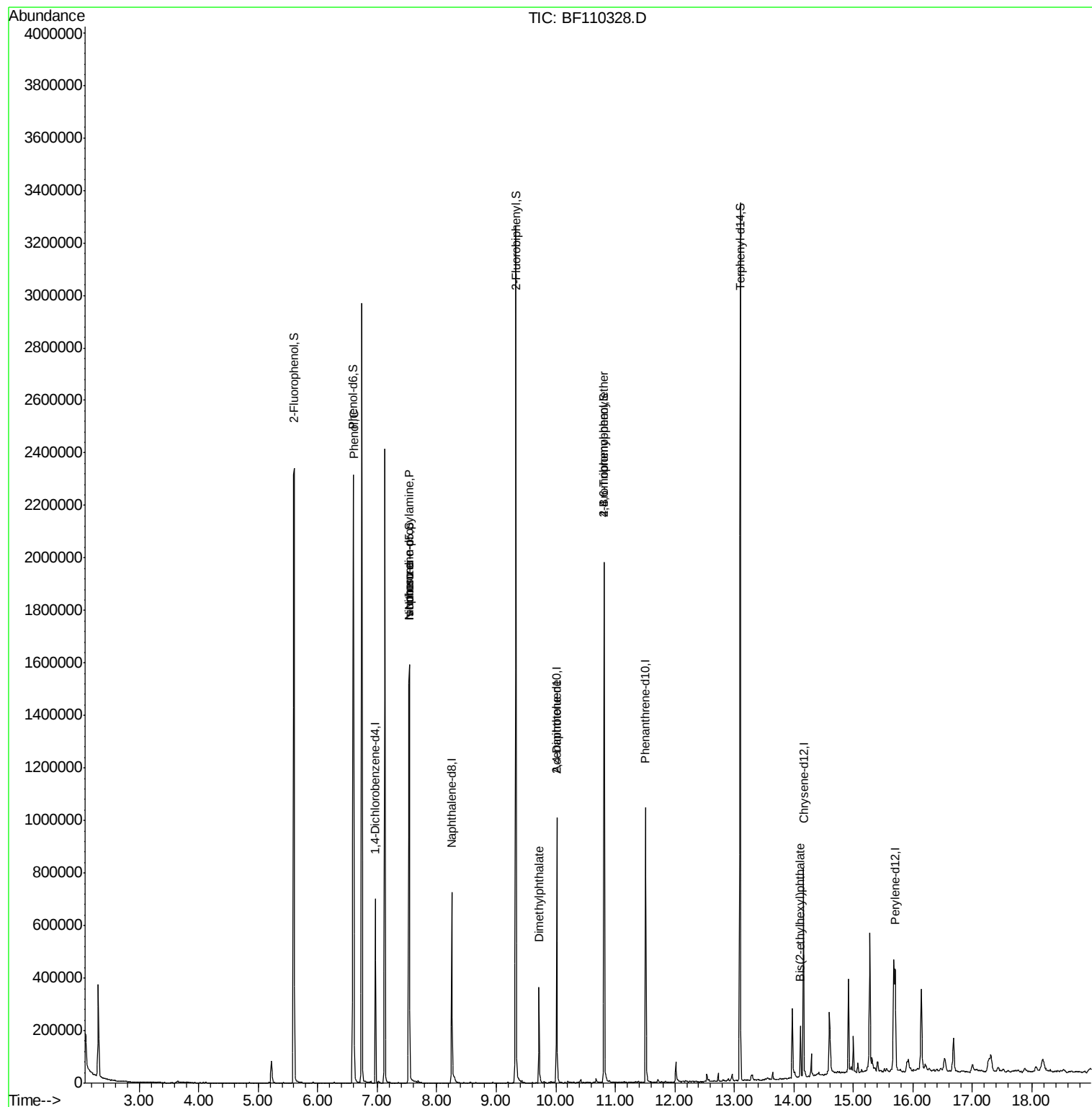
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	91905	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	389034	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	193055	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	385091	20.00	ng	0.00
76) Chrysene-d12	14.16	240	245917	20.00	ng	0.00
87) Perylene-d12	15.70	264	182948	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	742918	131.64	ng	0.02
7) Phenol-d6	6.60	99	955809	132.41	ng	0.00
23) Nitrobenzene-d5	7.54	82	604920	92.23	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	260767	136.36	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1135230	92.34	ng	0.00
79) Terphenyl-d14	13.10	244	1165417	98.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	2013	Below Cal	Qvalue	# 1
10) Phenol	6.61	94	63592	8.241 ng	#	69
19) n-Nitroso-di-n-propylamine	7.54	70	82316	17.775 ng	#	78
25) Isophorone	7.54	82	604911	54.104 ng	#	67
50) Dimethylphthalate	9.72	163	169142	11.869 ng		99
57) 2,4-Dinitrotoluene	10.02	165	24146	6.193 ng	#	19
67) 4-Bromophenyl-phenylether	10.82	248	17166	4.110 ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.11	149	53220	5.145 ng		100

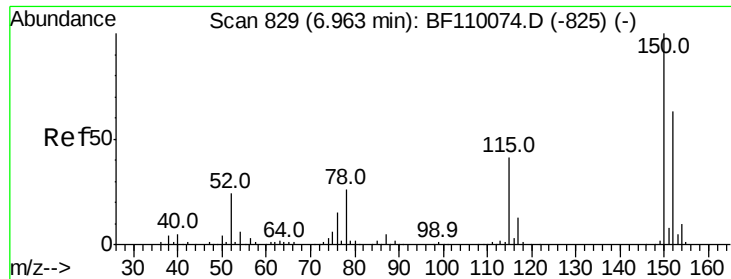
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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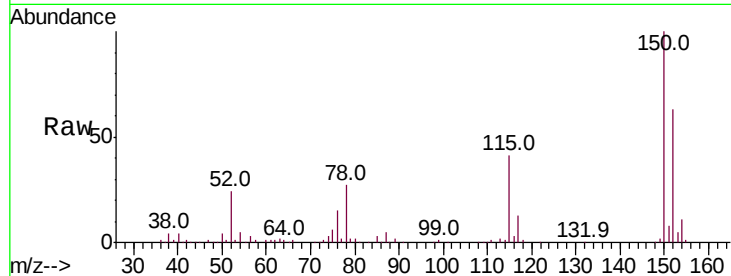


#1

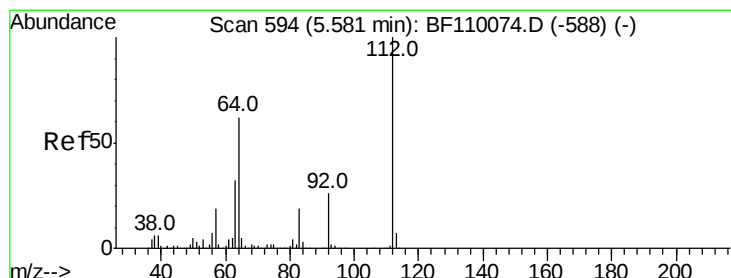
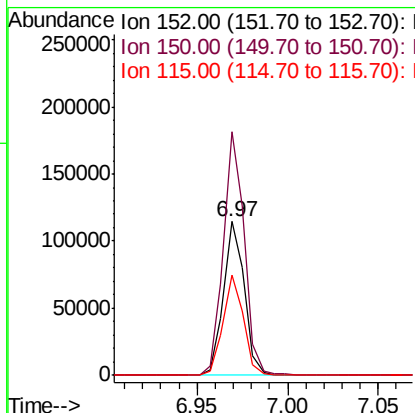
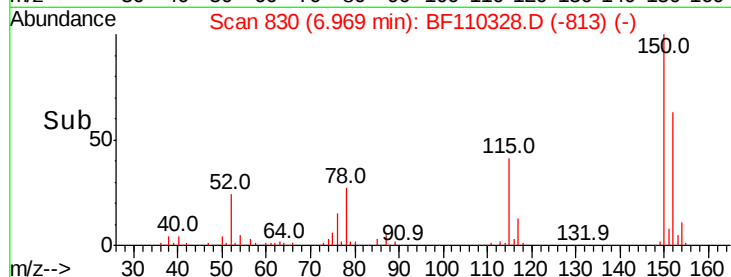
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91905
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 65.1 49.1 73.7



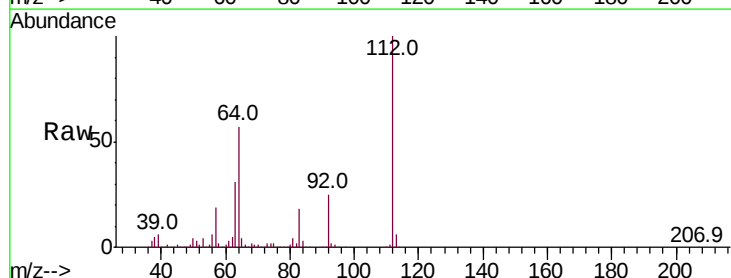
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



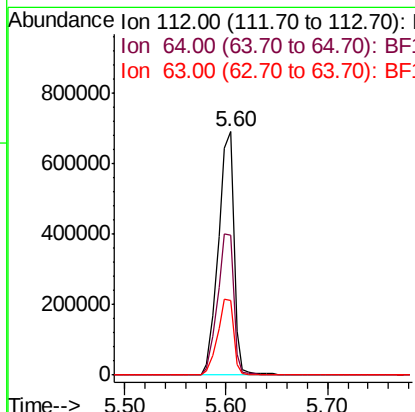
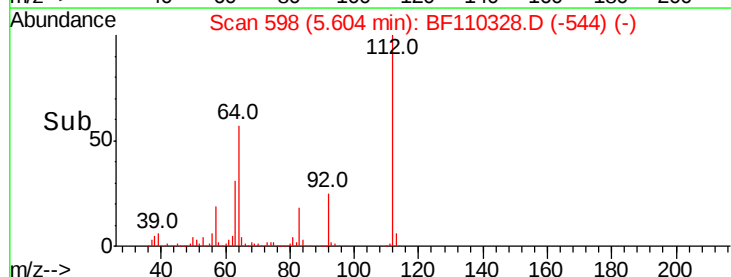
#5

2-Fluorophenol
Concen: 131.637 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Tgt Ion:112 Resp: 742918
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 30.8 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: 132.407 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

Instrument :

BNA_F

ClientSampled :

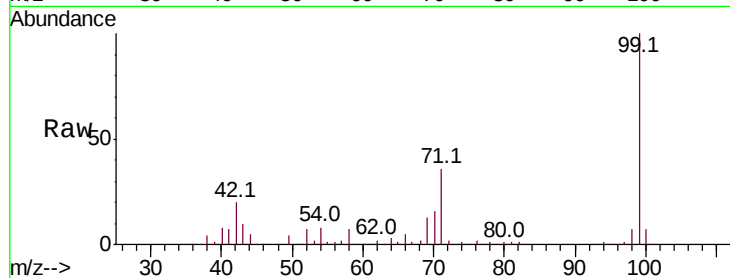
Tot Ion: 99 Resp: 955809

Ion Ratio Lower Upper

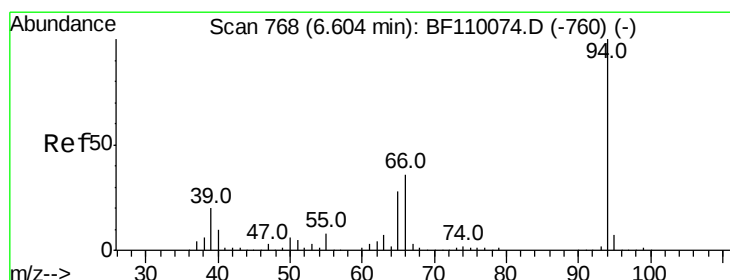
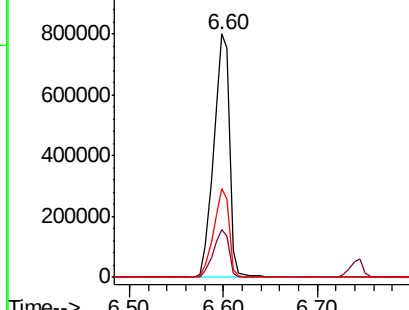
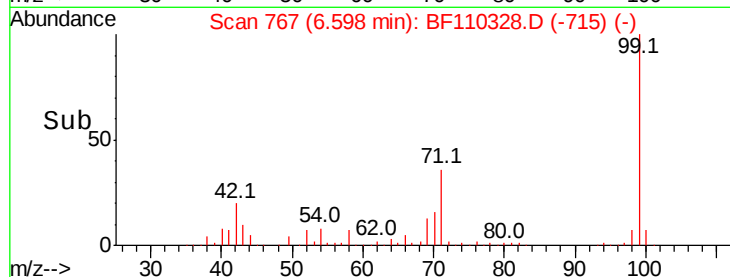
99 100

42 19.8 15.8 23.6

71 36.2 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: 8.241 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

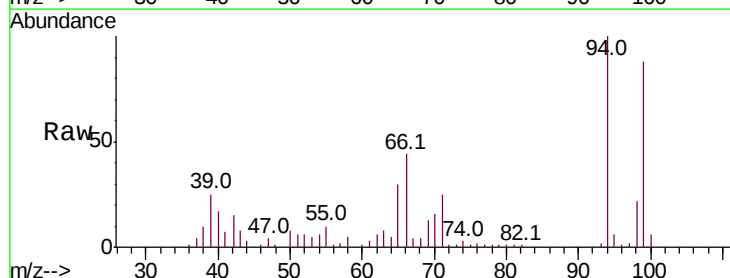
Tgt Ion: 94 Resp: 63592

Ion Ratio Lower Upper

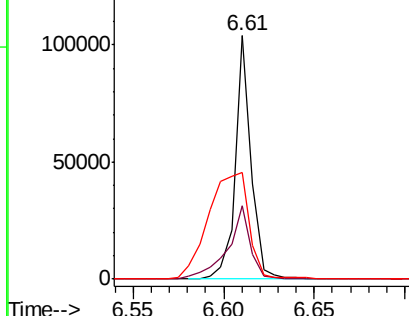
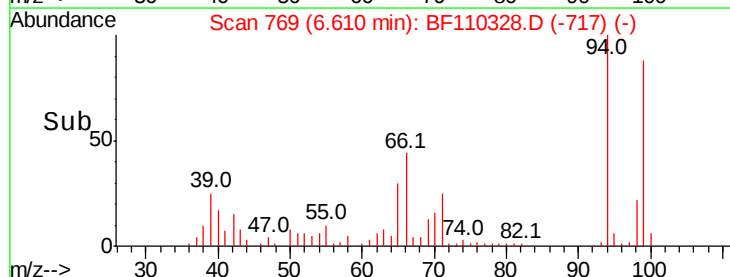
94 100

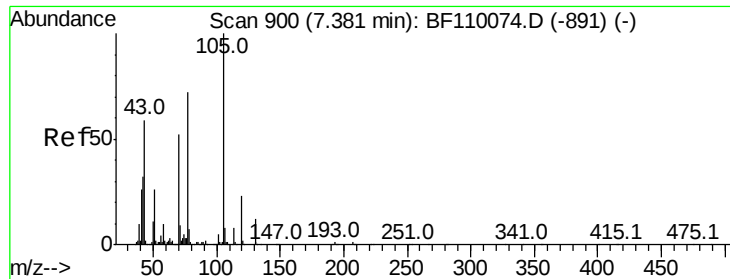
65 30.1 25.3 65.3

66 43.6 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

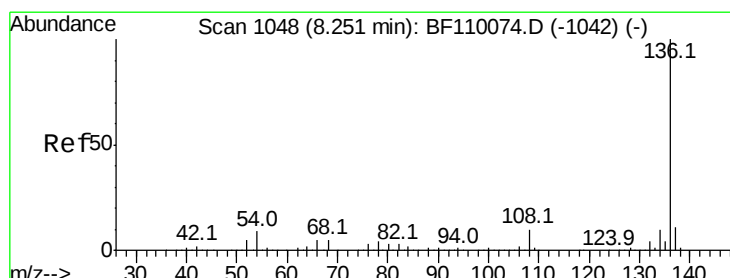
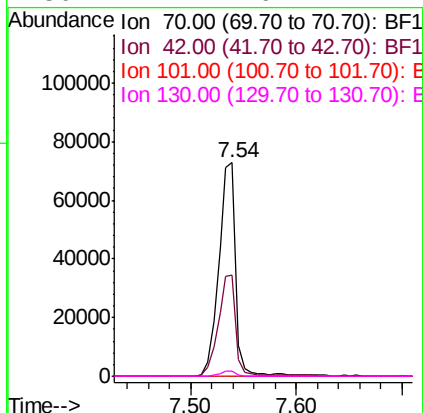
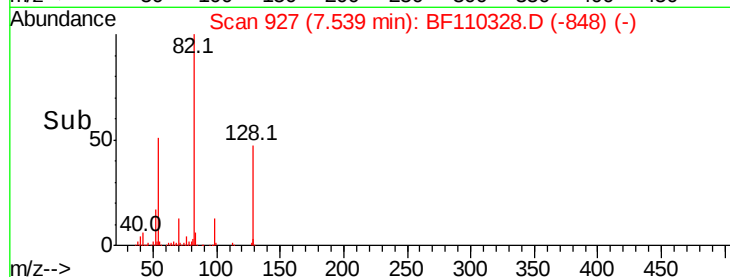
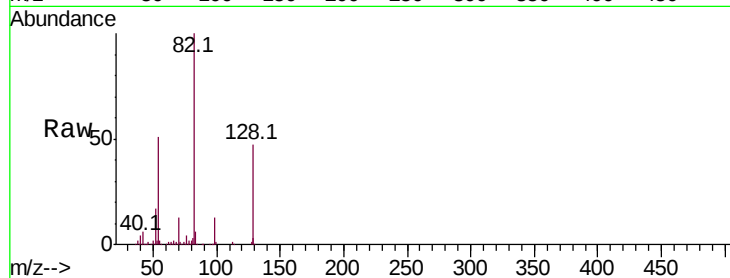




#19
n-Nitroso-di-n-propylamine
Concen: 17.775 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

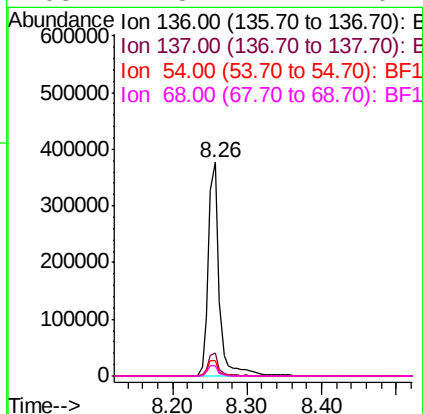
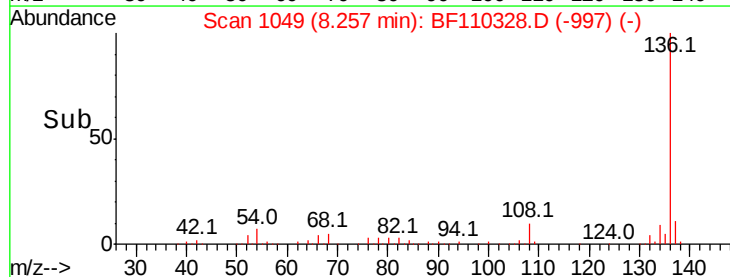
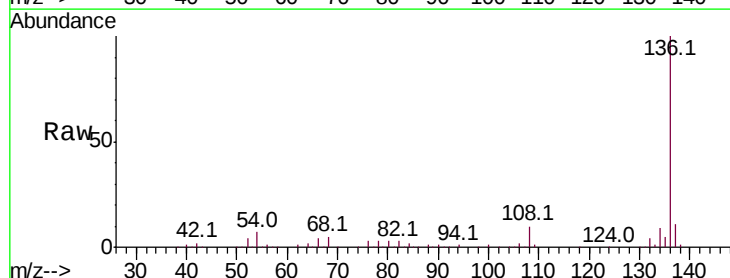
Instrument :
BNA_F
ClientSampleId :

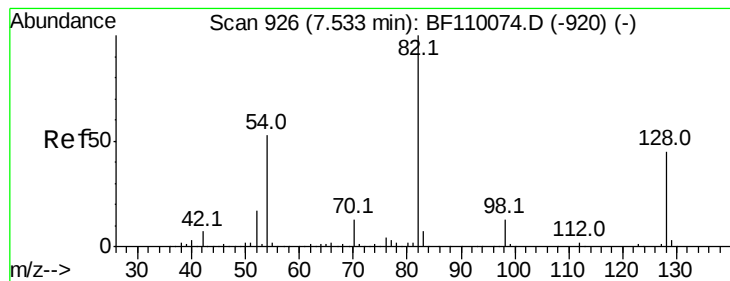
Tot Ion: 70 Resp: 82316
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Tgt Ion: 136 Resp: 389034
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.2 5.4 8.2
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 92.228 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

Instrument :

BNA_F

ClientSampled :

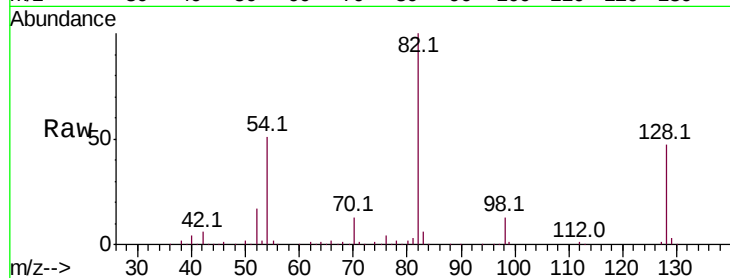
Tot Ion: 82 Resp: 604920

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

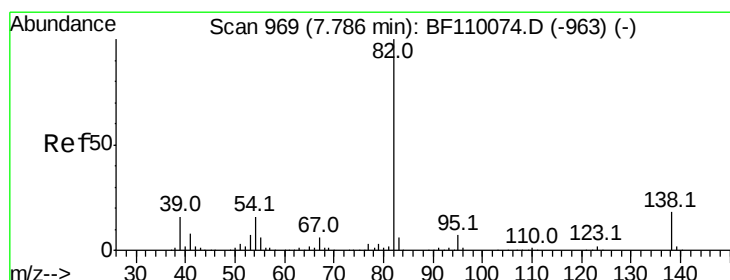
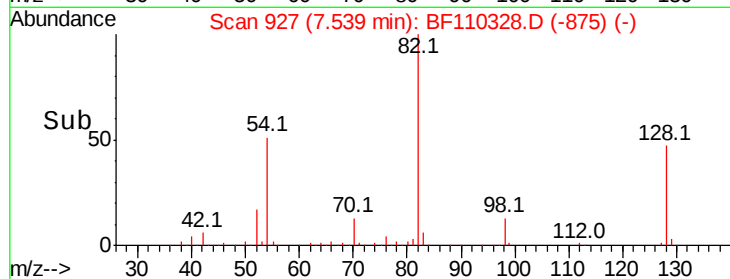
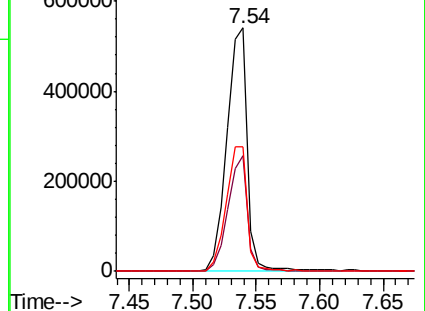
54 50.9 38.6 58.0



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: 54.104 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

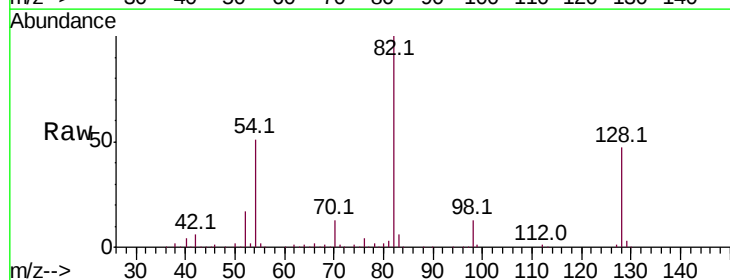
Tgt Ion: 82 Resp: 604911

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

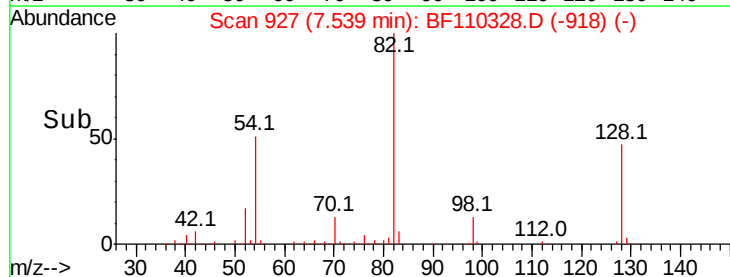
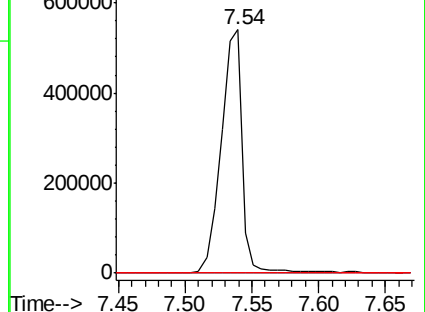
138 0.0 13.2 19.8#

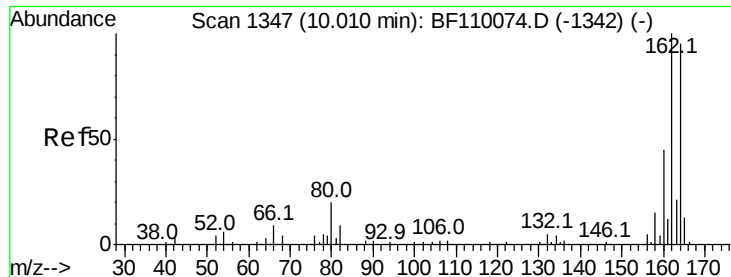


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

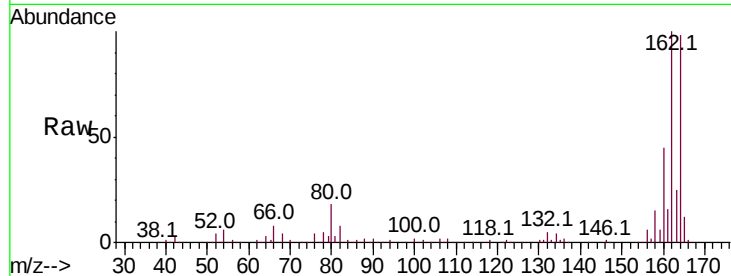




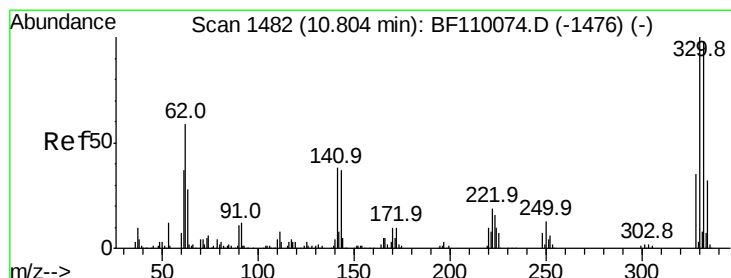
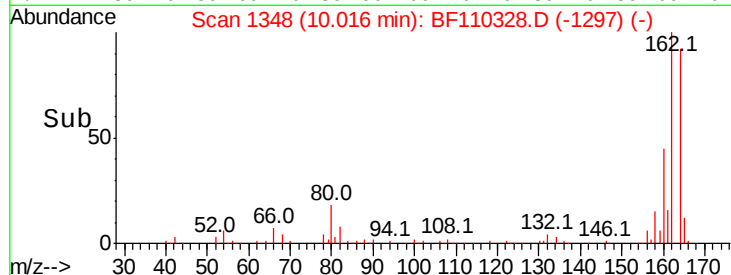
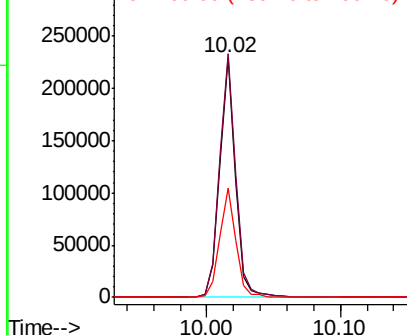
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 193055
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 45.5 37.0 55.6

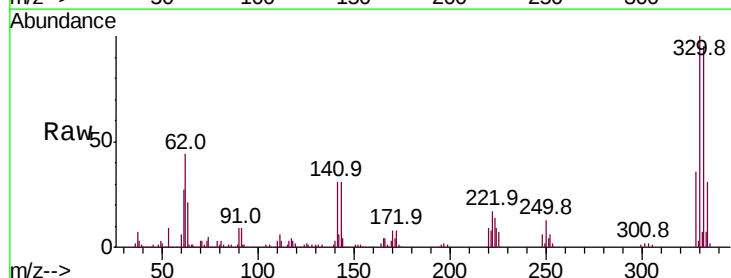


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

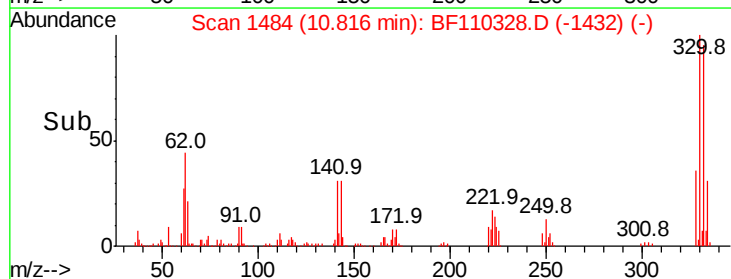
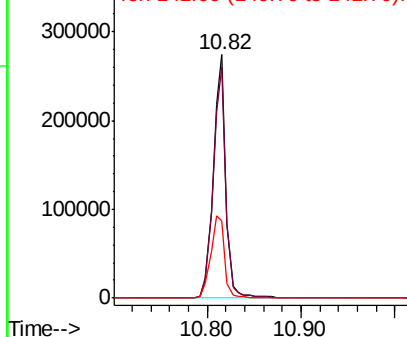


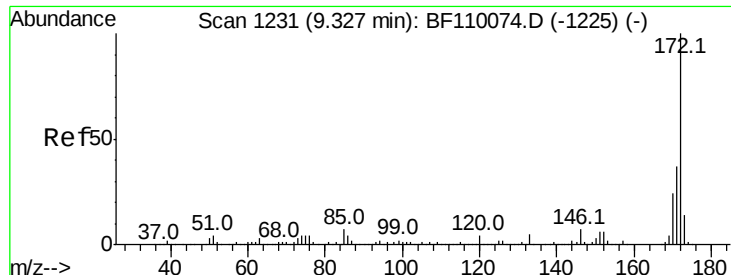
#42
2,4,6-Tribromophenol
Concen: 136.360 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Tgt Ion:330 Resp: 260767
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.7 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

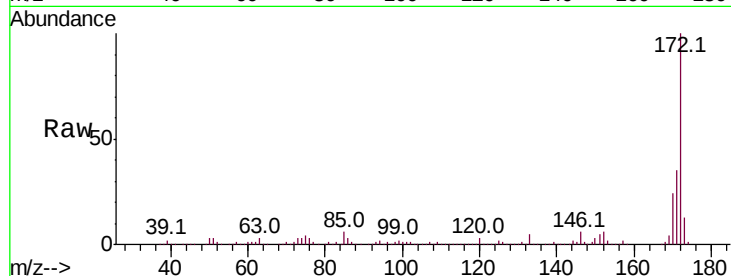




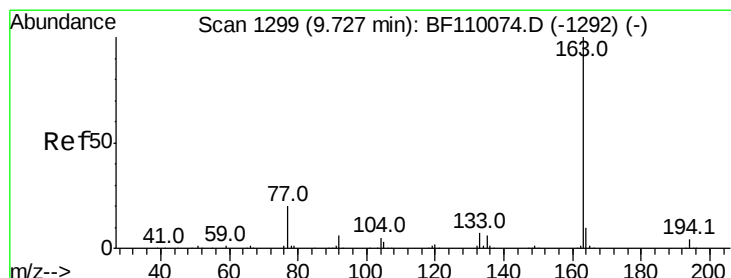
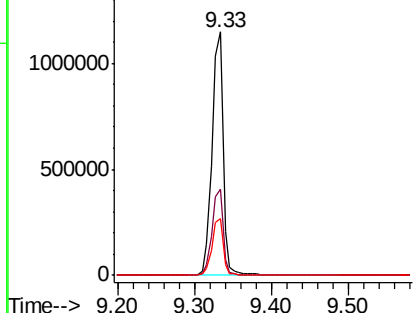
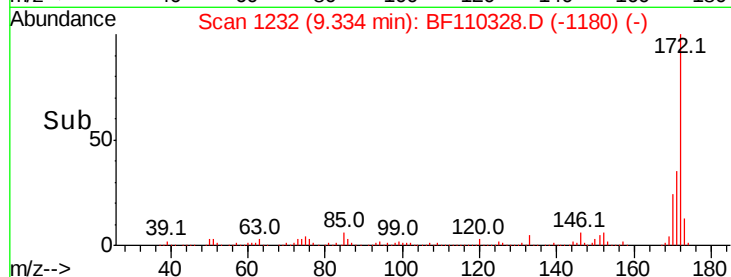
#45
2-Fluorobiphenyl
Concen: 92.337 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1135230
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 19.7 29.5

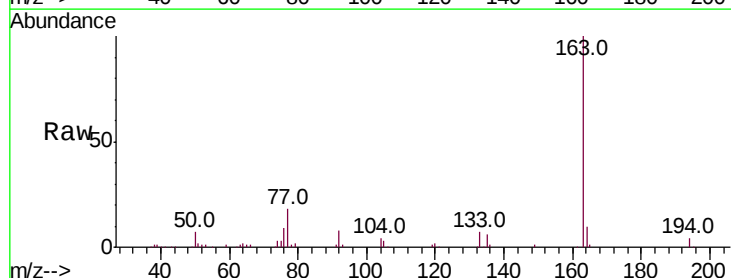


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

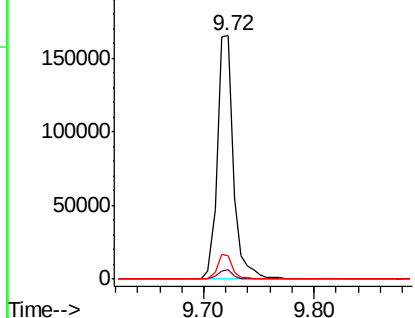
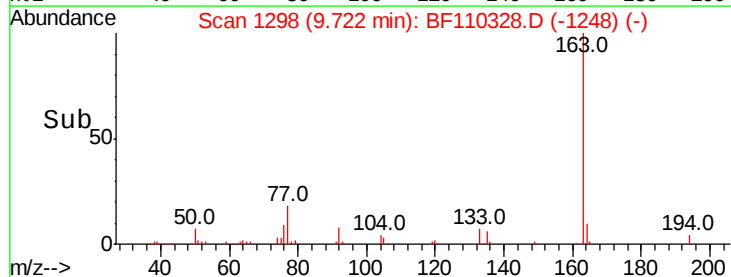


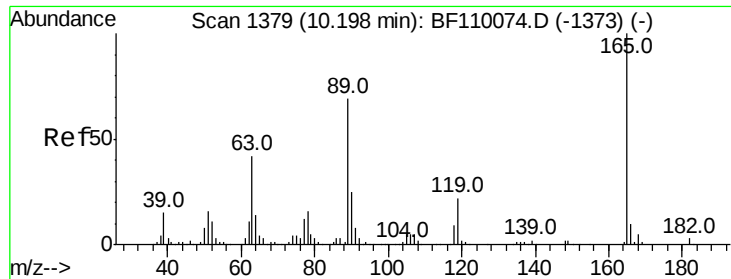
#50
Dimethylphthalate
Concen: 11.869 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Tgt Ion:163 Resp: 169142
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.7 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

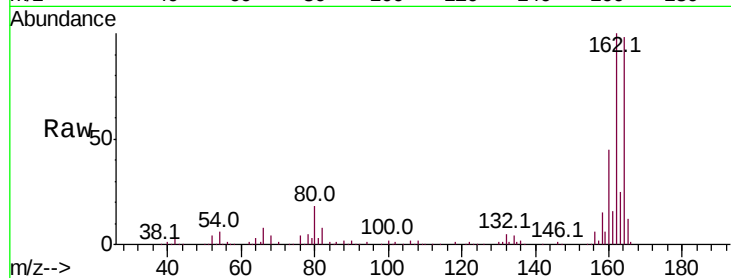




#57
 2,4-Dinitrotoluene
 Concen: 6.193 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF110328.D
 Acq: 31 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

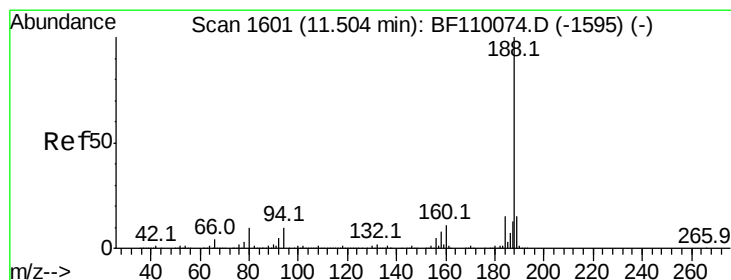
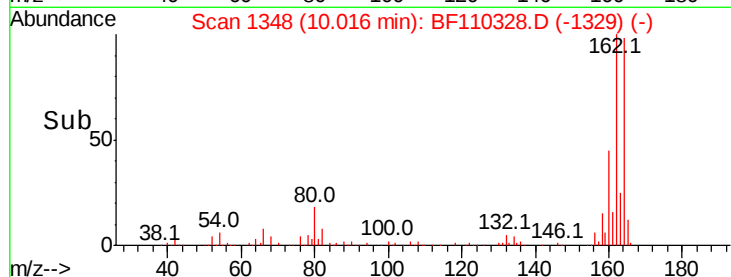
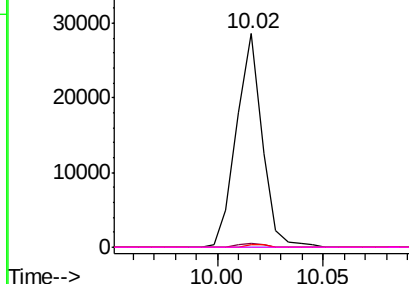


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

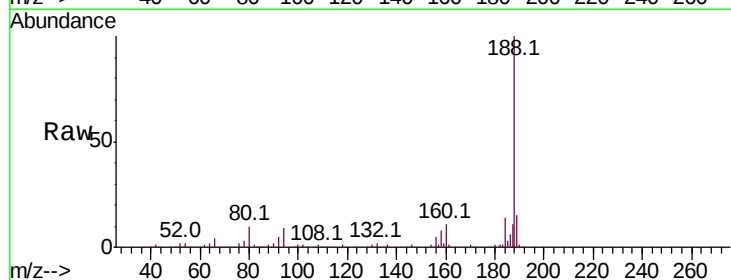
Ion 89.00 (88.70 to 89.70): BF1

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. 0.00 min
 Lab File: BF110328.D
 Acq: 31 Oct 2018 13:12

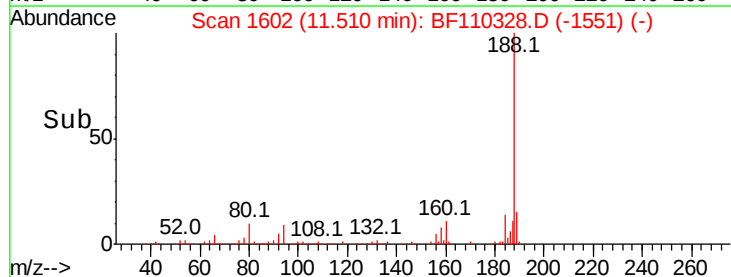
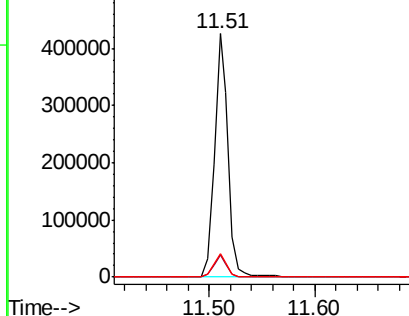
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9

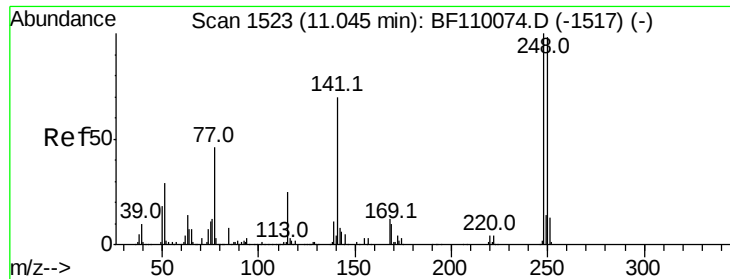


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

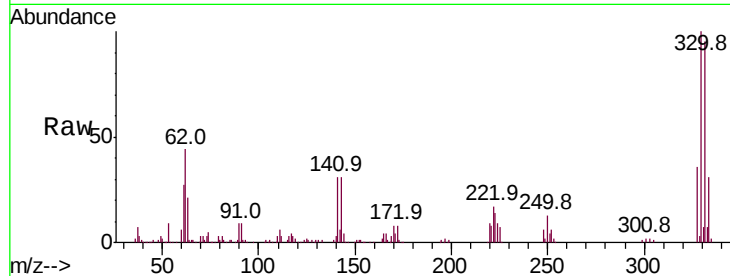




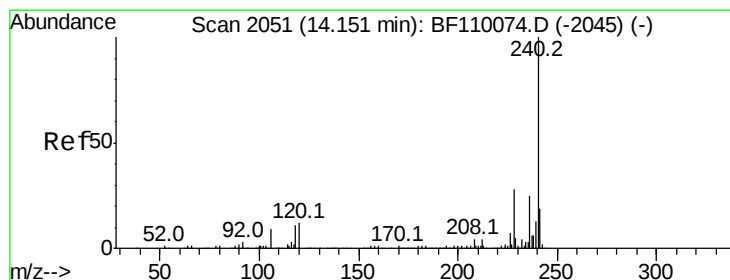
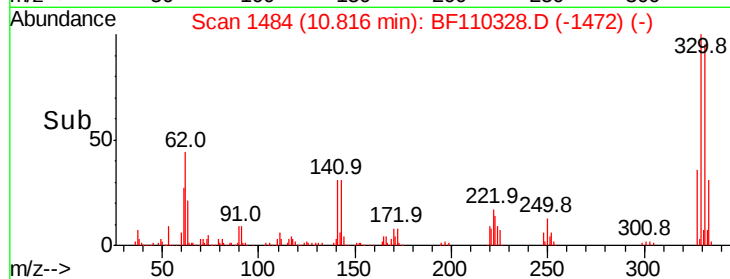
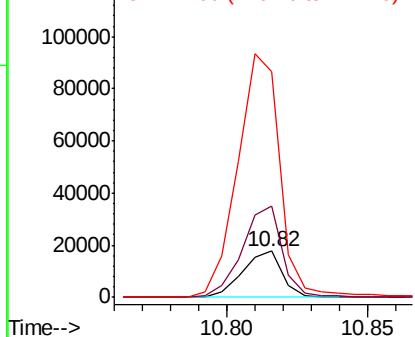
#67
4-Bromophenyl-phenylether
Concen: 4.110 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.23 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17166
Ion Ratio Lower Upper
248 100
250 197.5 79.4 119.2#
141 488.8 55.9 83.9#

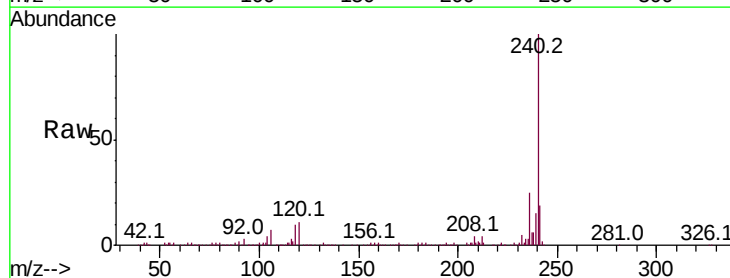


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

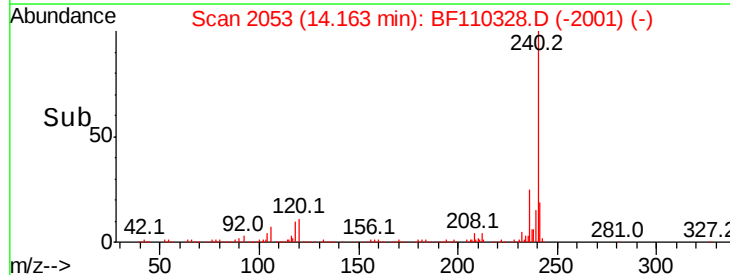
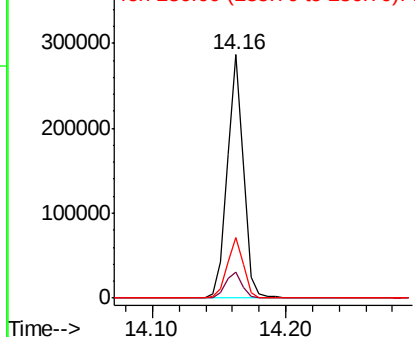


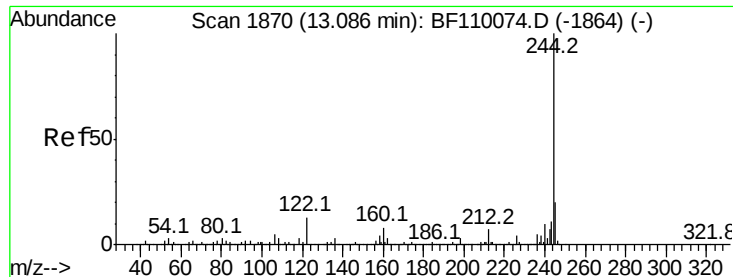
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110328.D
Acq: 31 Oct 2018 13:12

Tgt Ion:240 Resp: 245917
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.0 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: 98.559 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

Instrument :

BNA_F

ClientSampleId :

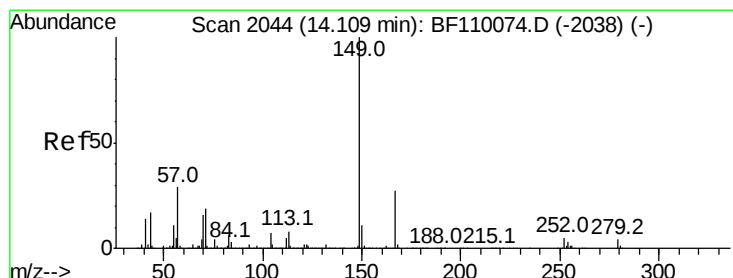
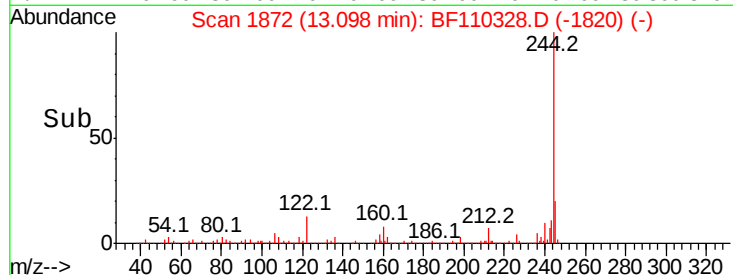
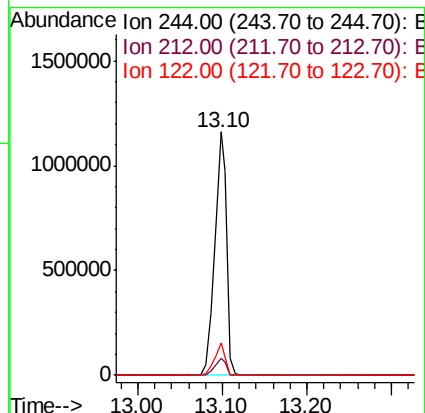
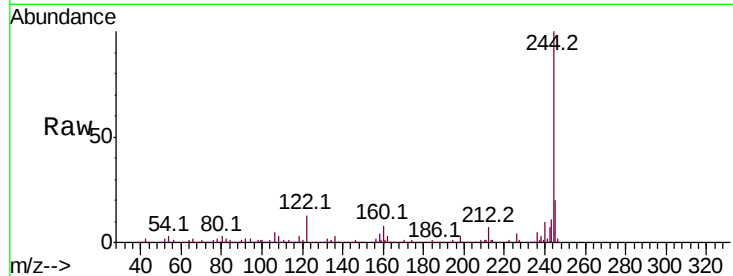
Tot Ion:244 Resp: 1165417

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 13.1 8.7 13.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.145 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF110328.D

Acq: 31 Oct 2018 13:12

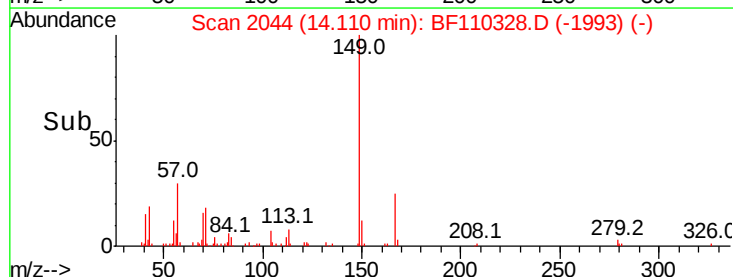
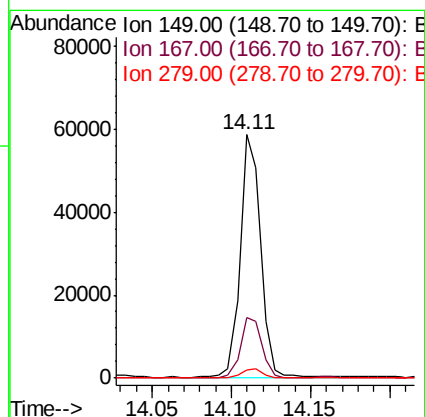
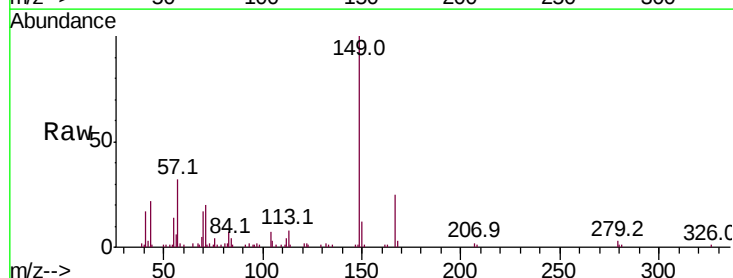
Tgt Ion:149 Resp: 53220

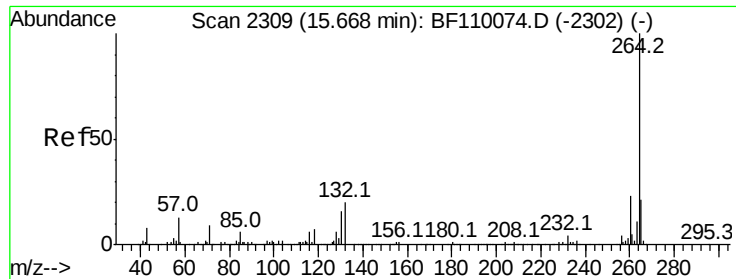
Ion Ratio Lower Upper

149 100

167 24.7 19.8 29.8

279 3.1 2.7 4.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.02 min
 Lab File: BF110328.D
 Acq: 31 Oct 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	16.7	25.1

