

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101035.D
 Acq On : 30 Nov 2017 23:19
 Operator : SJ/JU
 Sample : I6630-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

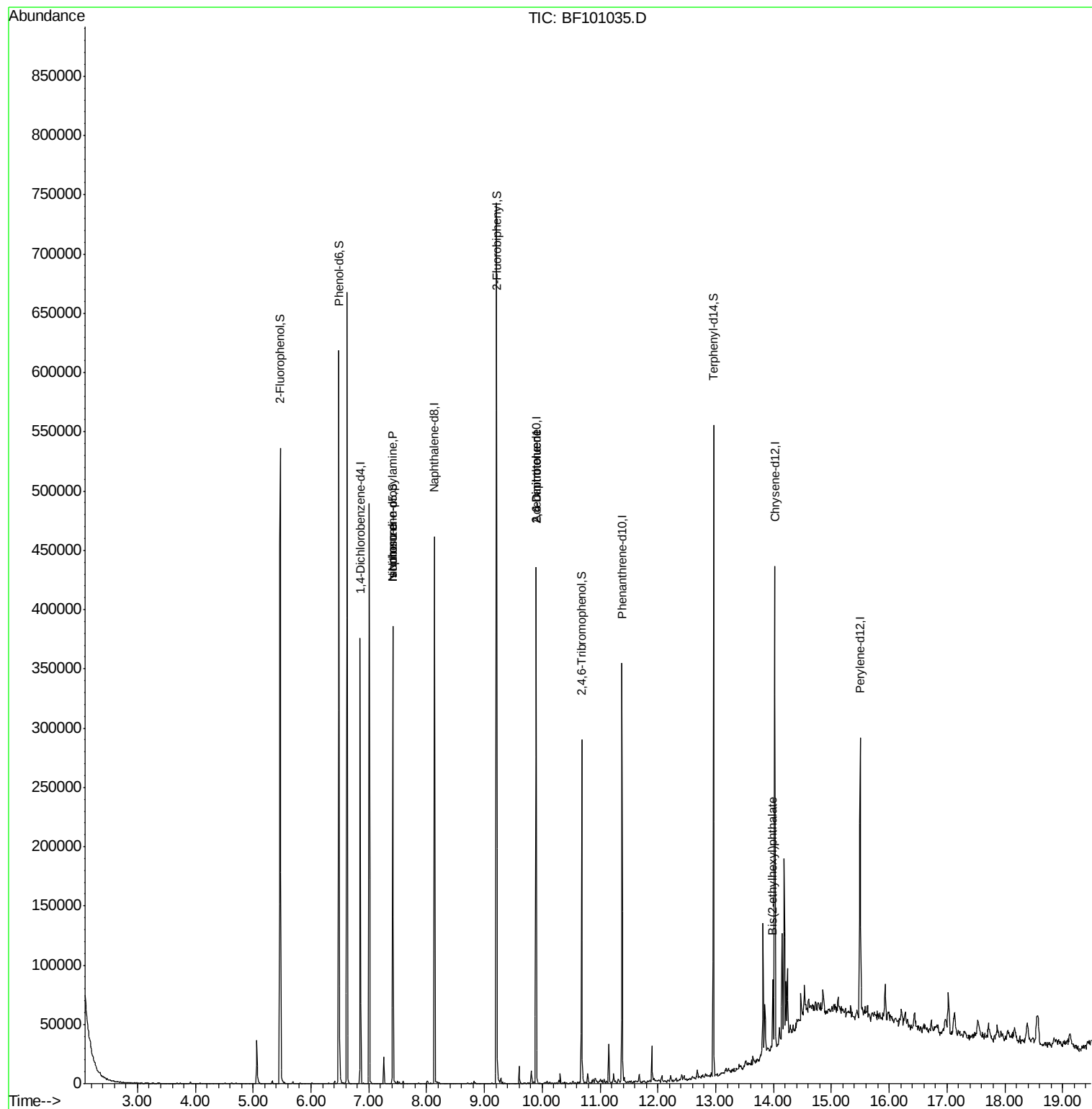
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57248	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210339	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	78089	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	124136	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131833	20.00	ng	0.00
86) Perylene-d12	15.50	264	96778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	148153	42.76	ng	0.00
7) Phenol-d6	6.48	99	183885	43.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	104986	29.77	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	34149	36.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	224191	39.28	ng	0.00
78) Terphenyl-d14	12.96	244	173641	28.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	13512	4.770	ng	# 80
25) Isophorone	7.42	82	104986	17.431	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	9929	7.485	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	9929	5.585	ng	# 21
83) Bis(2-ethylhexyl)phthalate	13.99	149	15518	2.714	ng	# 96

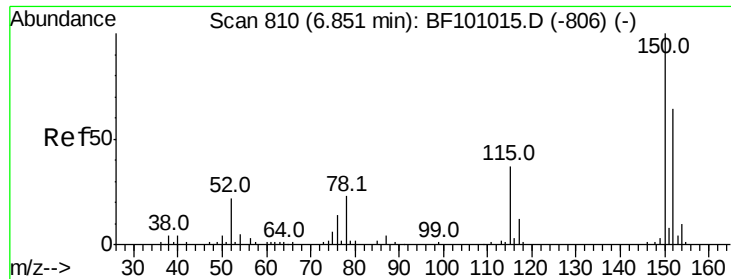
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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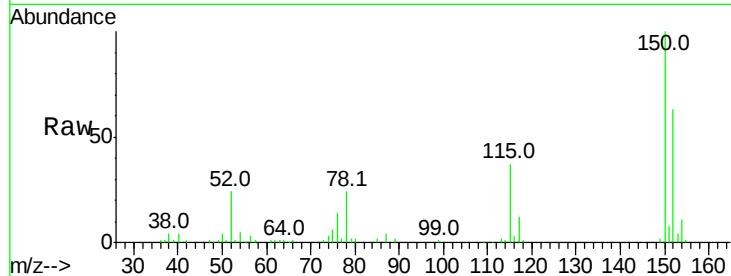


#1

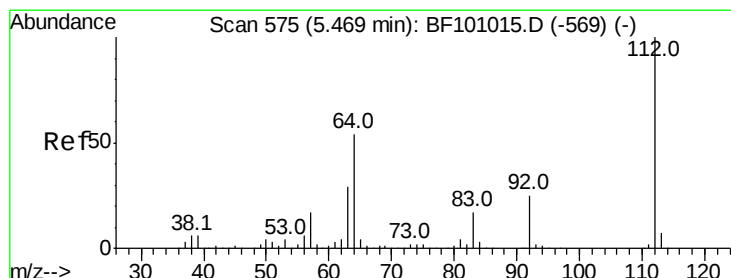
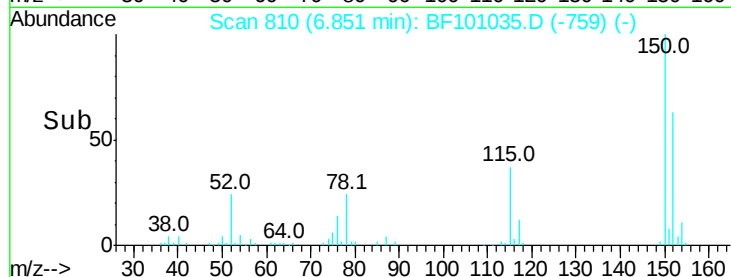
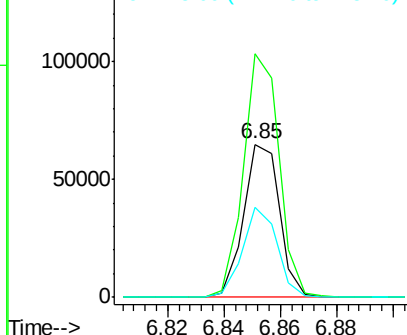
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57248
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 59.2 50.1 75.1



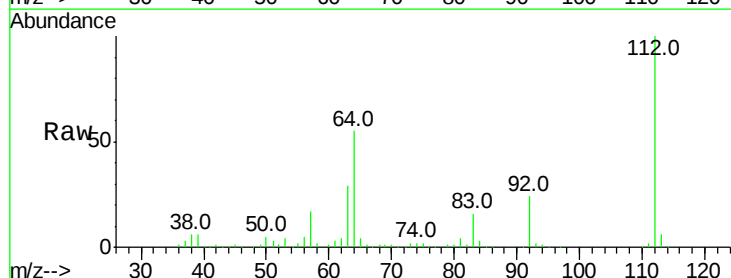
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



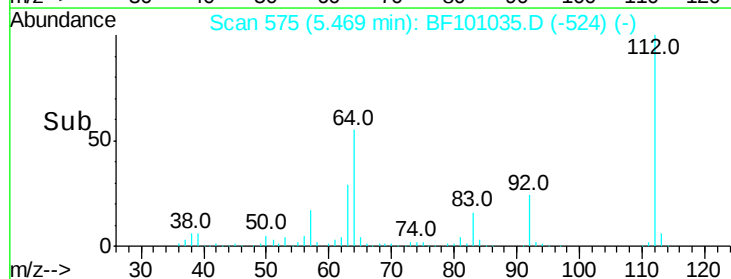
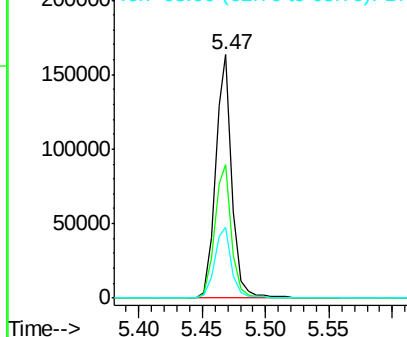
#5

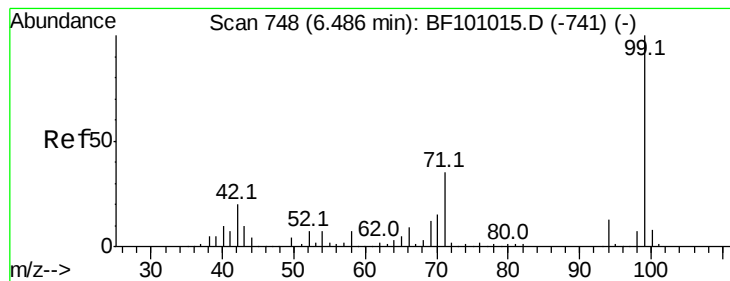
2-Fluorophenol
Concen: 42.764 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Tgt Ion:112 Resp: 148153
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 28.9 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: 43.718 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

Instrument :

BNA_F

ClientSampled :

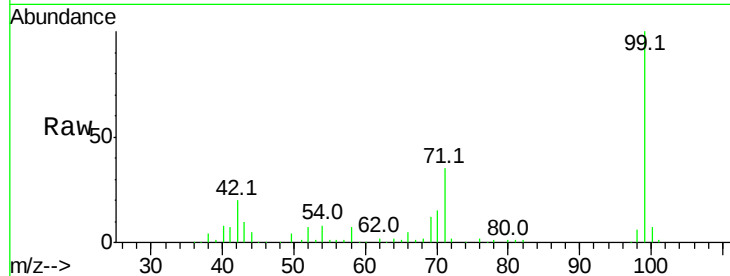
Tot Ion: 99 Resp: 183885

Ion Ratio Lower Upper

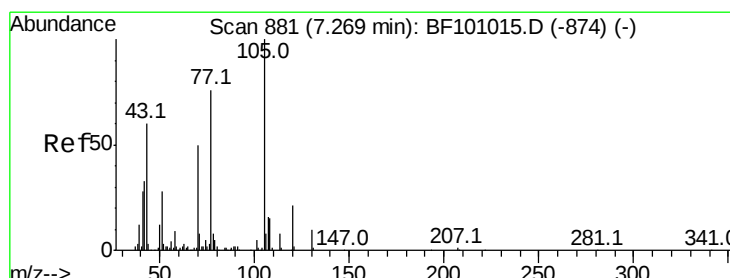
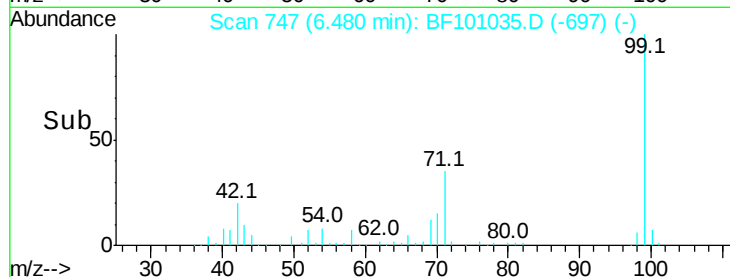
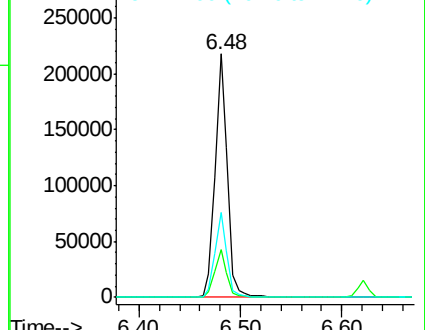
99 100

42 19.7 14.5 21.7

71 34.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.770 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

Tgt Ion: 70 Resp: 13512

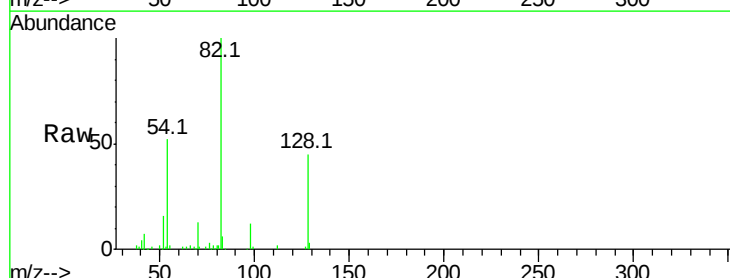
Ion Ratio Lower Upper

70 100

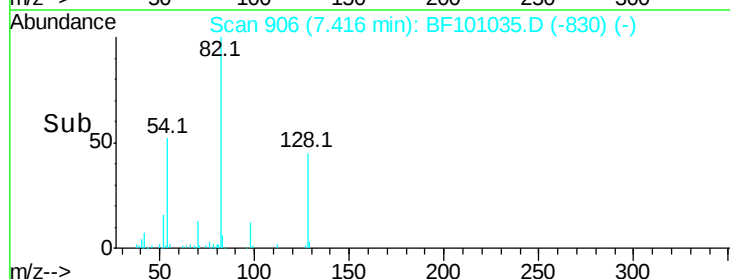
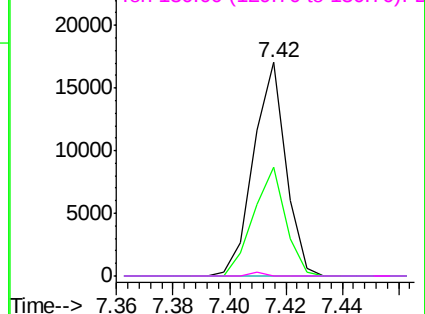
42 51.0 47.5 71.3

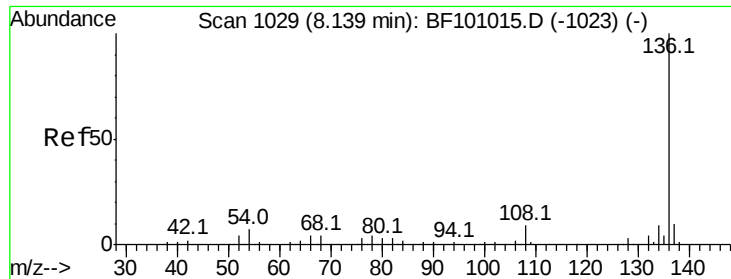
101 0.0 7.4 11.2#

130 0.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

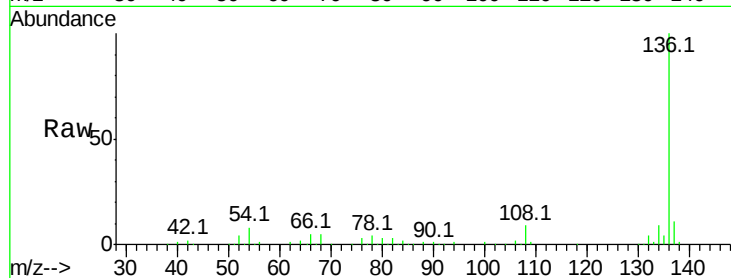




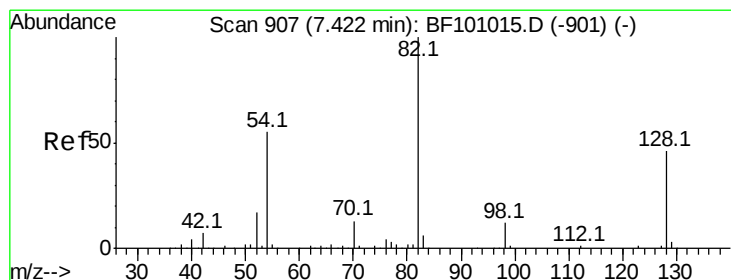
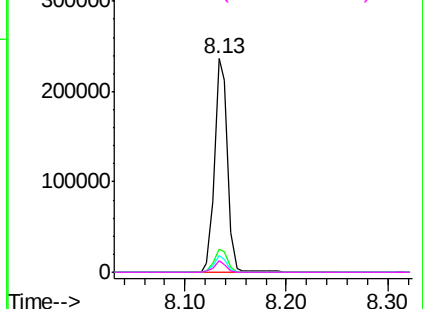
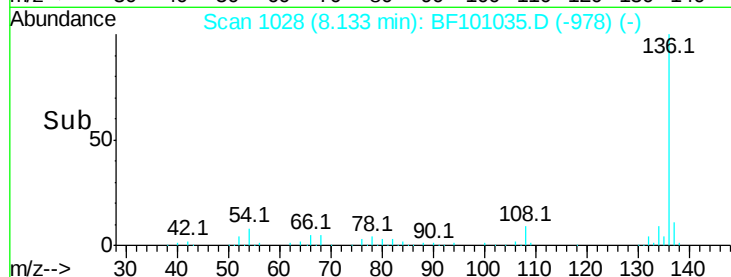
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	210339
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.1	5.0	7.4

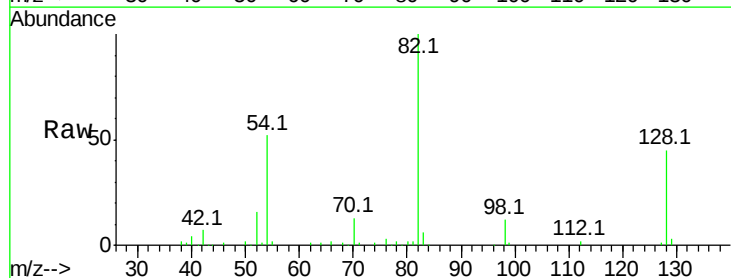


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

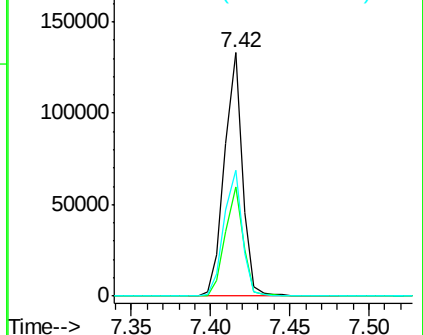
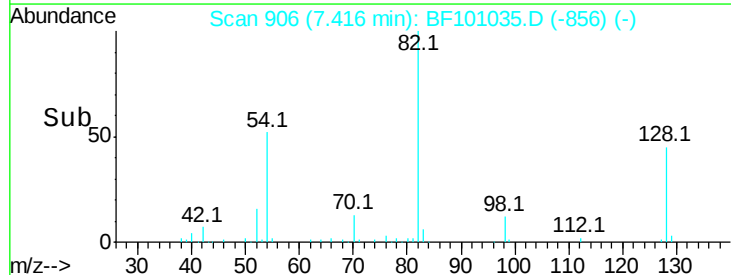


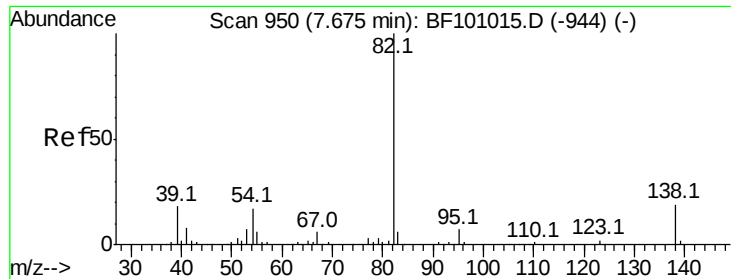
#23
Nitrobenzene-d5
Concen: 29.775 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Tgt Ion:	82	Resp:	104986
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	51.8	41.4	62.2



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





#25

Isophorone

Concen: 17.431 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

Instrument :

BNA_F

ClientSampleId :

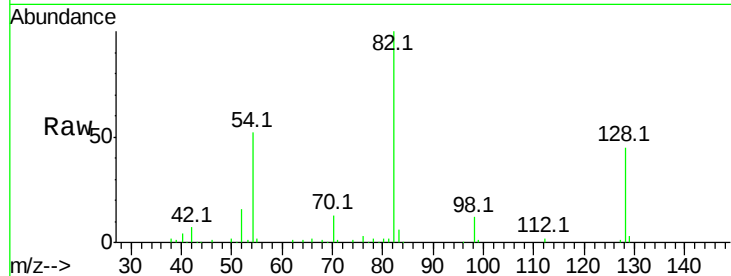
Tot Ion: 82 Resp: 104986

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

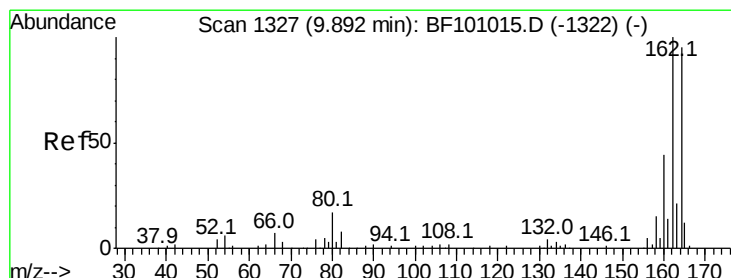
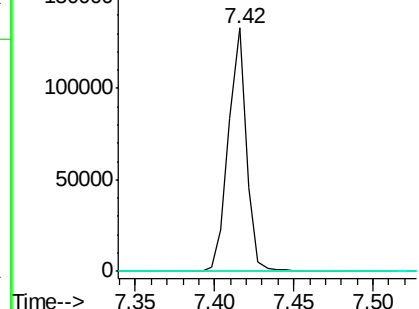
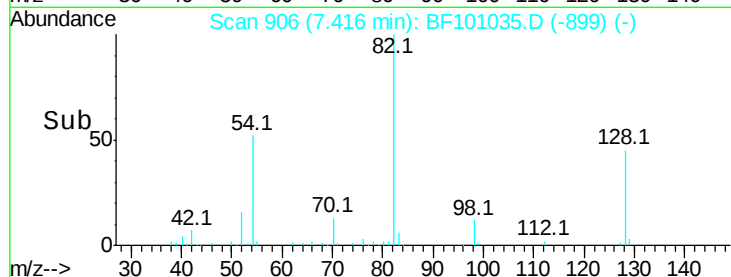
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

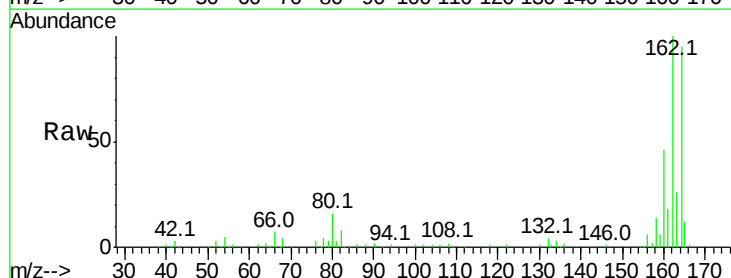
Tgt Ion:164 Resp: 78089

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

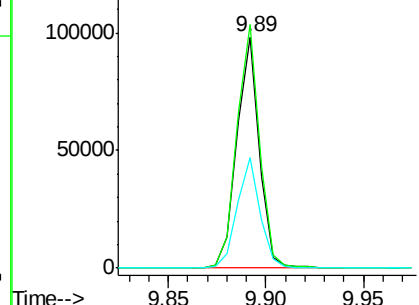
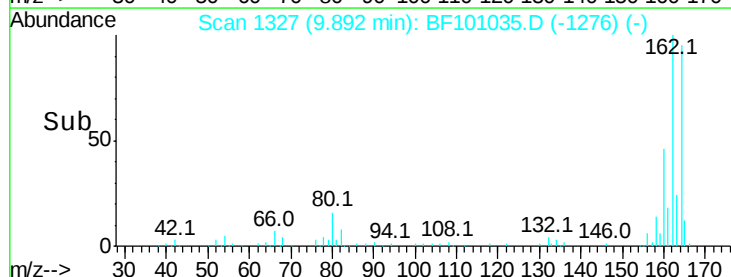
160 48.0 38.3 57.5



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

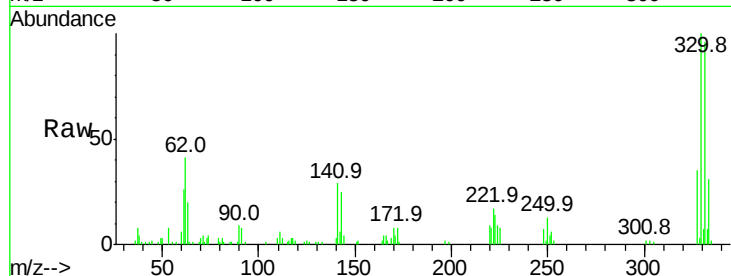




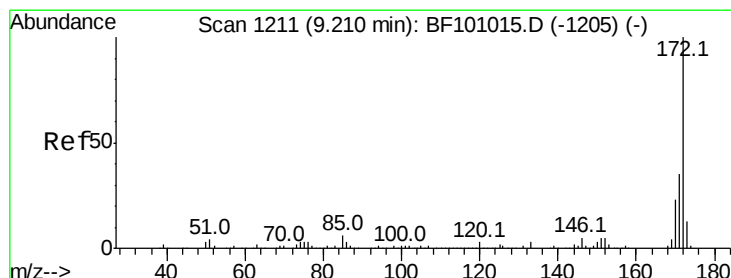
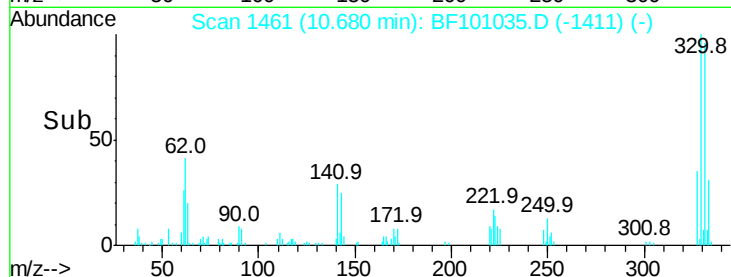
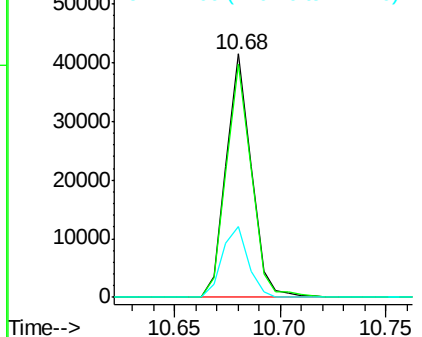
#41
 2,4,6-Tribromophenol
 Concen: 36.403 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101035.D
 Acq: 30 Nov 2017 23:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.9	29.9	44.9

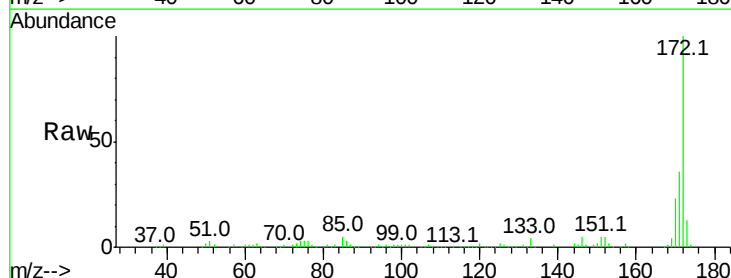


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

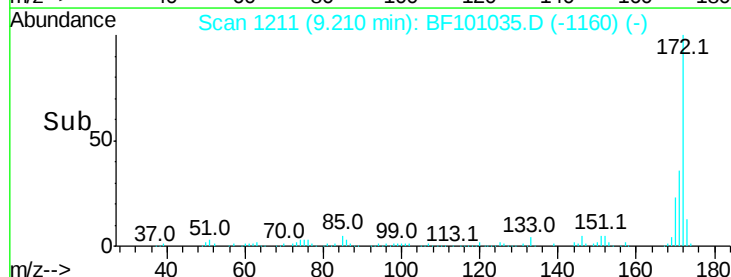
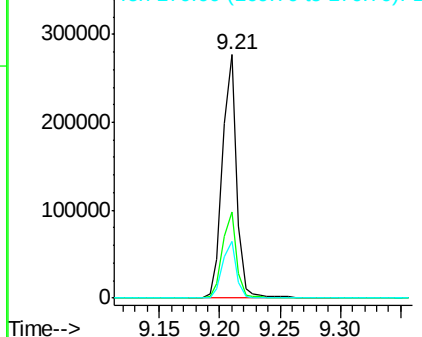


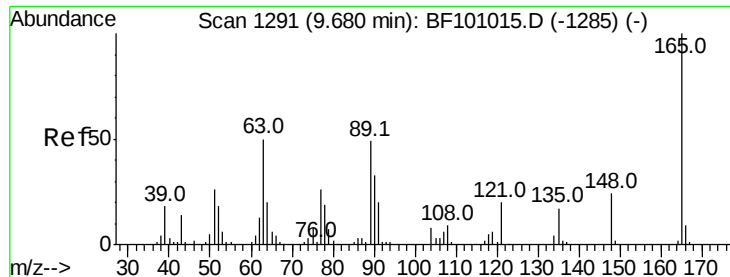
#44
 2-Fluorobiphenyl
 Concen: 39.281 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF101035.D
 Acq: 30 Nov 2017 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4



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

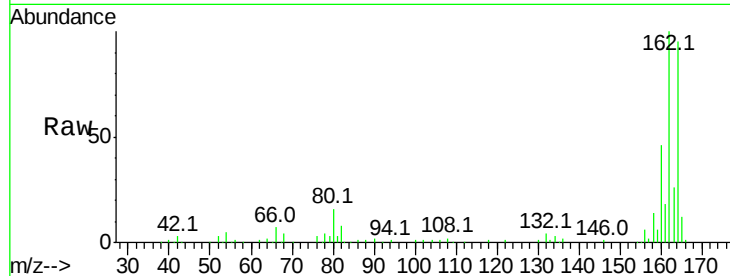




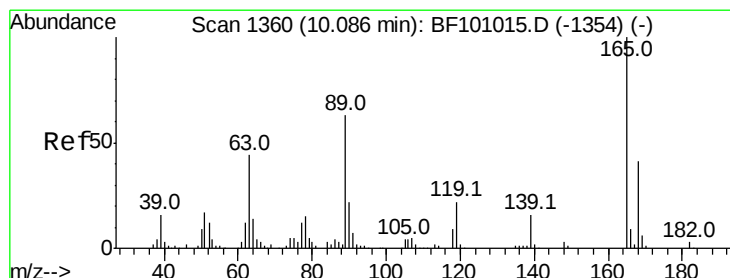
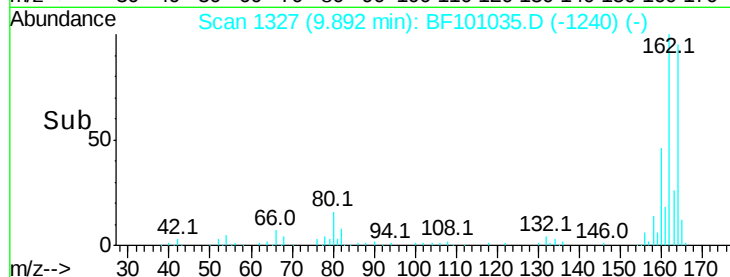
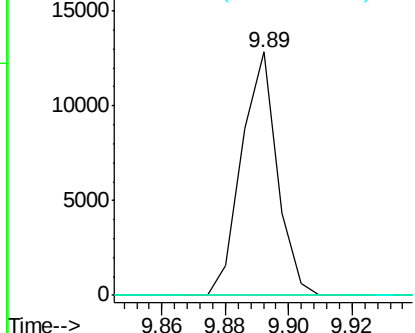
#50
 2,6-Dinitrotoluene
 Concen: 7.485 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101035.D
 Acq: 30 Nov 2017 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9929
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



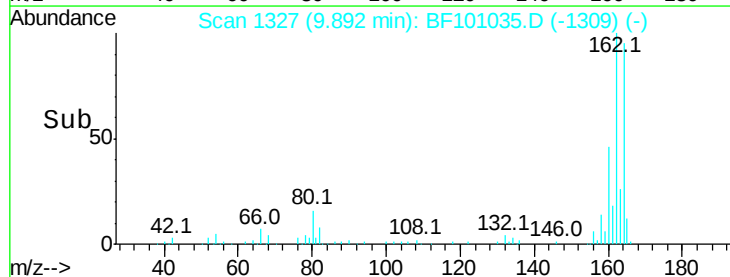
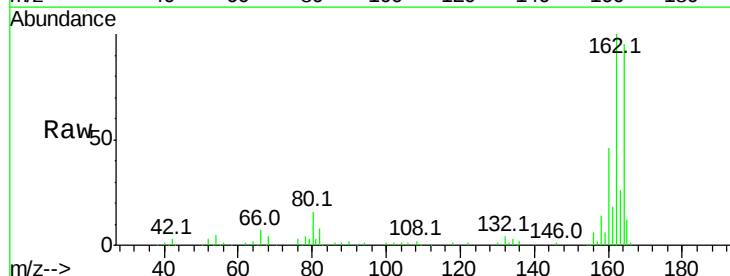
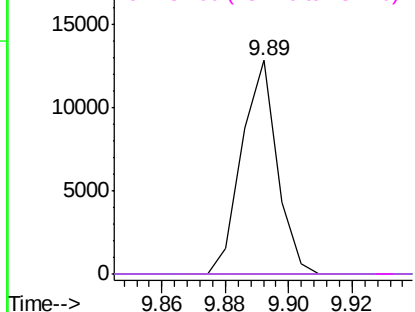
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

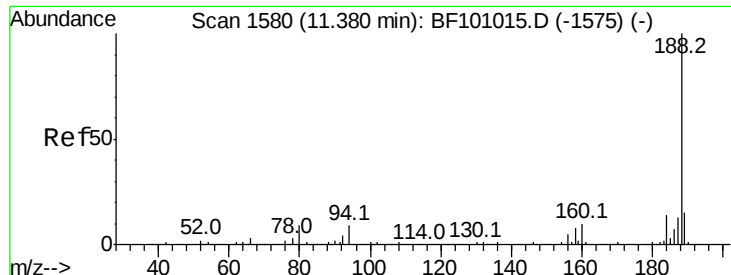


#56
 2,4-Dinitrotoluene
 Concen: 5.585 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101035.D
 Acq: 30 Nov 2017 23:19

Tgt Ion:165 Resp: 9929
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

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

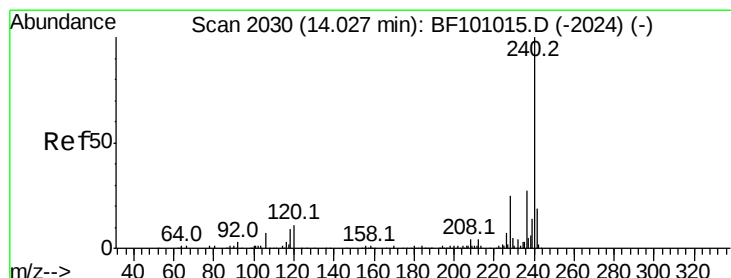
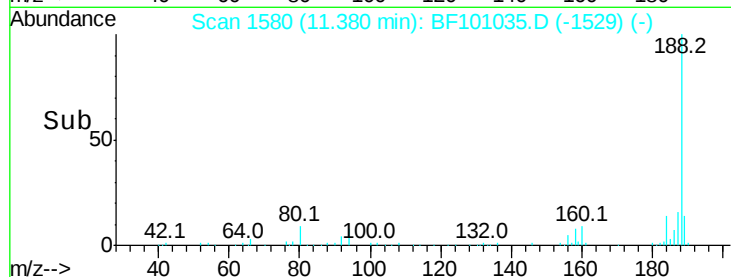
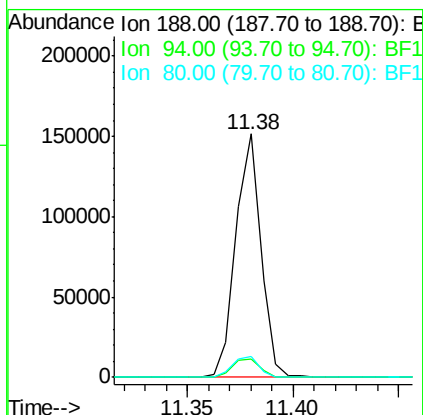
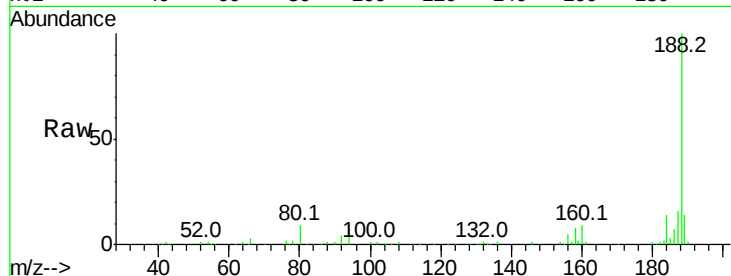




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

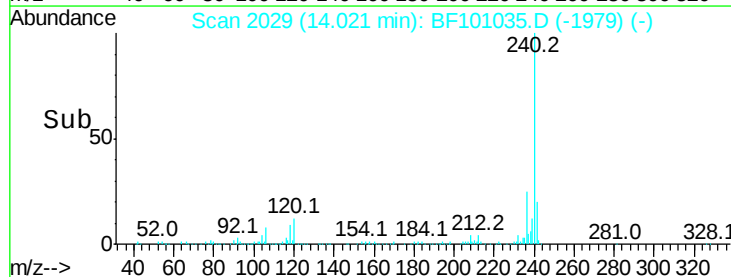
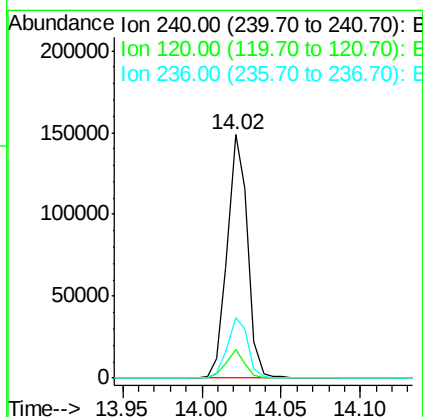
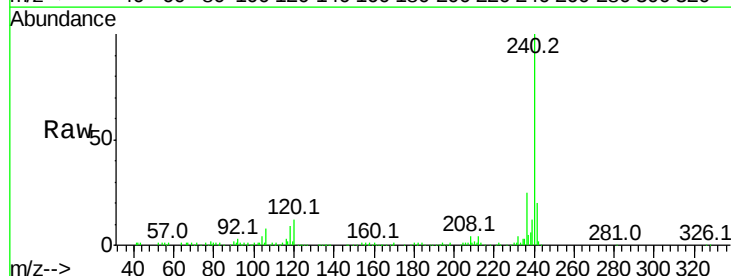
Instrument :
BNA_F
ClientSampleId :

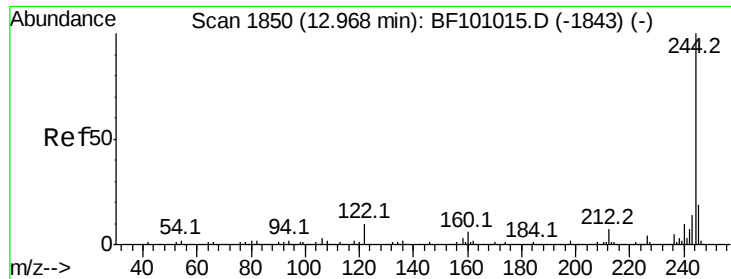
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.7	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 28.809 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

Instrument :

BNA_F

ClientSampleId :

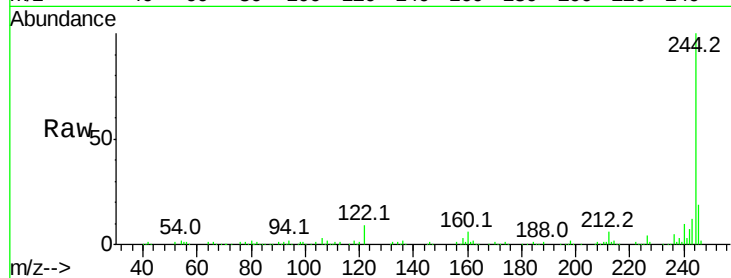
Tot Ion:244 Resp: 173641

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

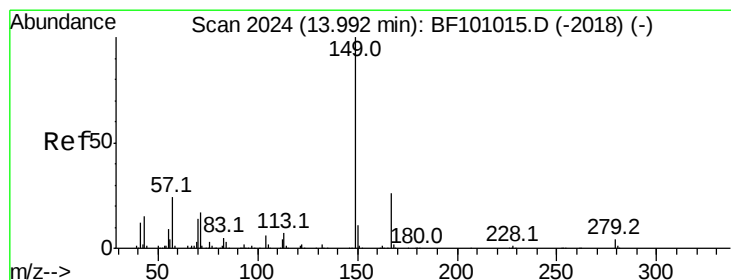
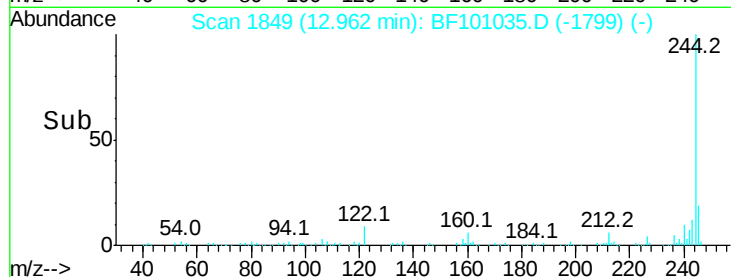
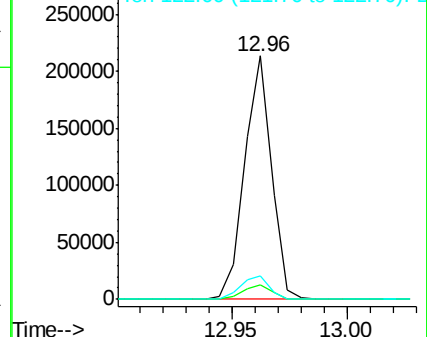
122 9.5 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.714 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF101035.D

Acq: 30 Nov 2017 23:19

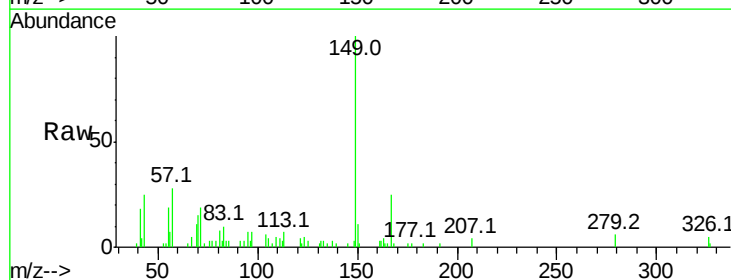
Tgt Ion:149 Resp: 15518

Ion Ratio Lower Upper

149 100

167 24.7 21.3 31.9

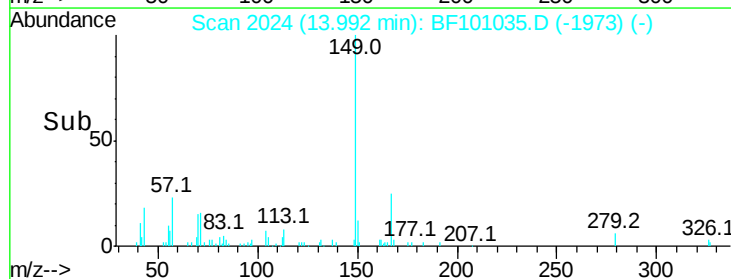
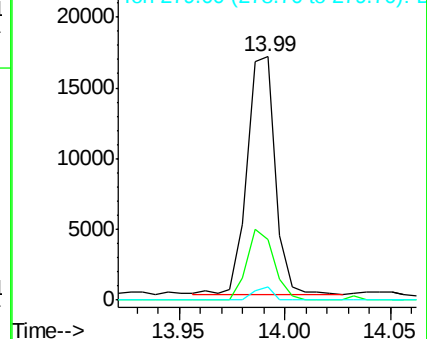
279 5.5 3.0 4.4#

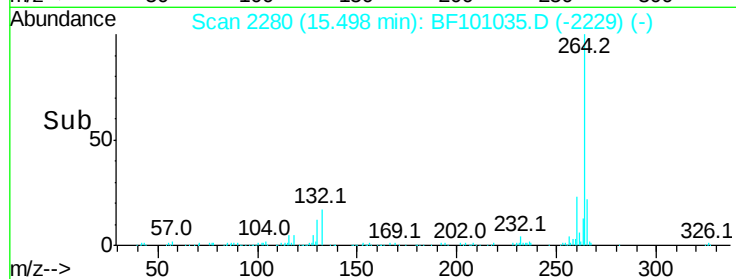
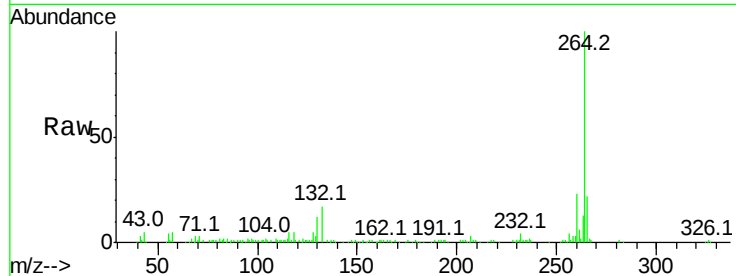
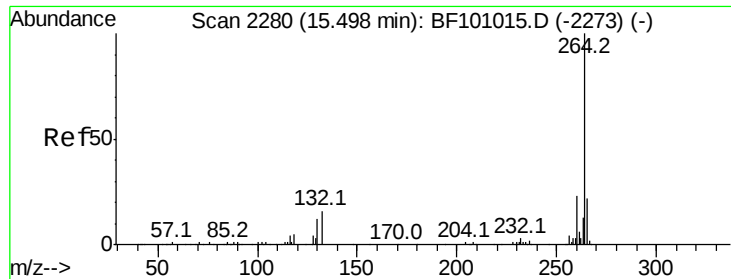


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF101035.D
Acq: 30 Nov 2017 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.5	26.3

