

Data File : BF100549.D
Acq On : 14 Nov 2017 18:15
Operator : SJ/JU
Sample : I6388-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-8

Quant Time: Nov 15 00:54:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126510	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471766	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178612	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	283300	20.00	ng	0.00
75) Chrysene-d12	14.04	240	275124	20.00	ng	0.00
86) Perylene-d12	15.52	264	192338	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	710425	90.02	ng	0.01
7) Phenol-d6	6.51	99	844409	86.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	509651	71.42	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	145122	79.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	866846	73.90	ng	0.00
78) Terphenyl-d14	12.99	244	638712	53.34	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	34496	3.38	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	66181	9.81	ng	# 82
25) Isophorone	7.45	82	509643	33.99	ng	# 64
47) 2-Nitroaniline	9.63	65	675	2.98	ng	# 1
49) Dimethylphthalate	9.63	163	77807	5.71	ng	99
50) 2,6-Dinitrotoluene	9.92	165	22627	8.38	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	22627	6.64	ng	# 24
62) Azobenzene	10.63	77	51757	4.03	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.71	198	267	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	9196	3.03	ng	# 1

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

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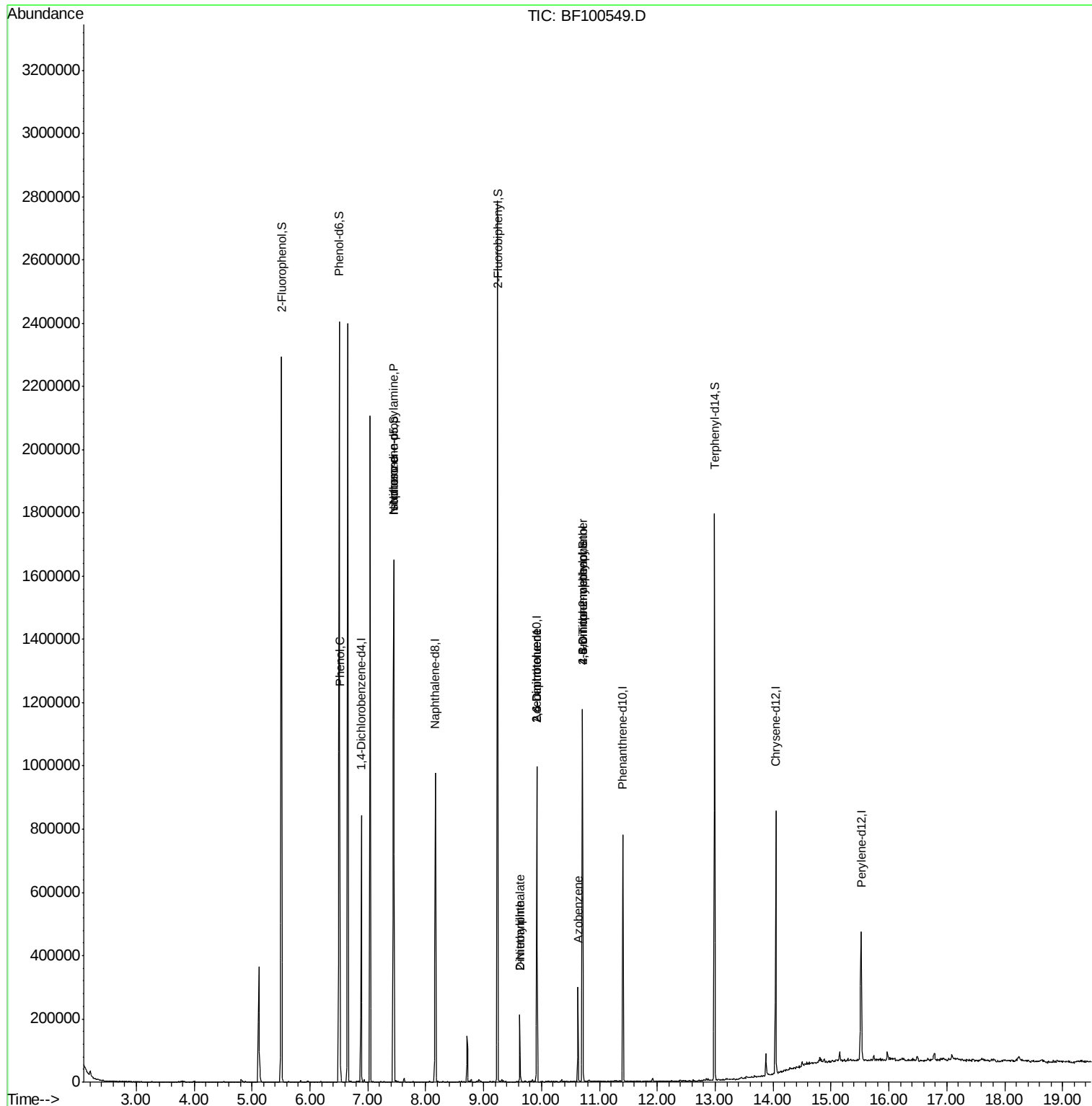
Quant Time: Nov 15 00:54:19 2017

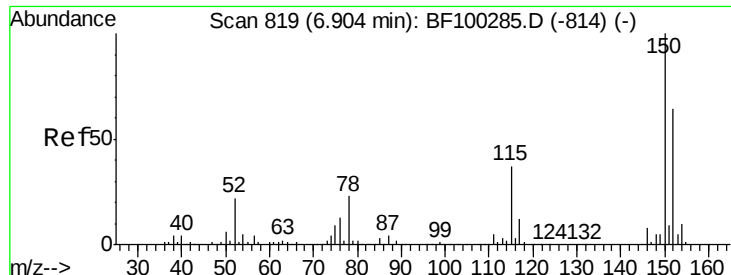
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 14 14:17:16 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

Instrument :

BNA_F

ClientSampleId :

3N-8

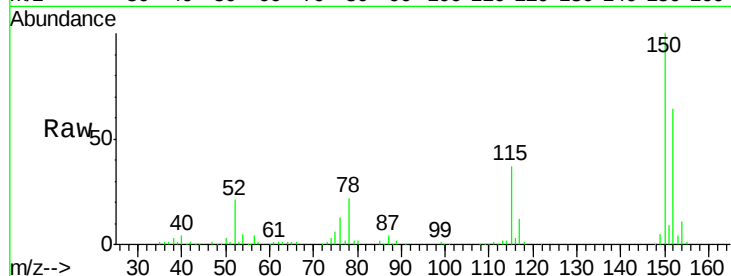
Tgt Ion:152 Resp: 126510

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

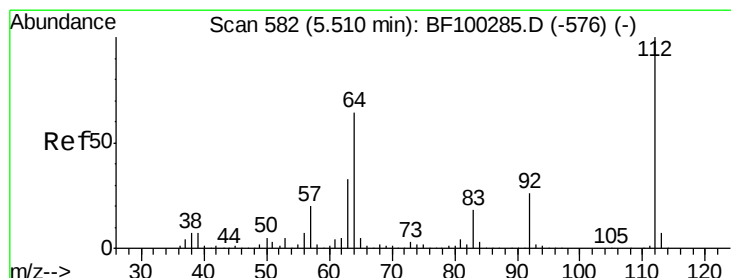
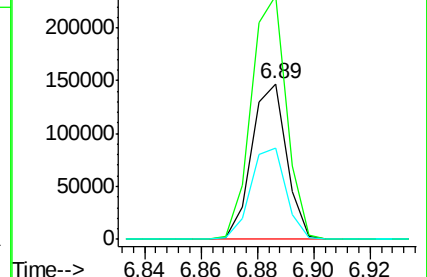
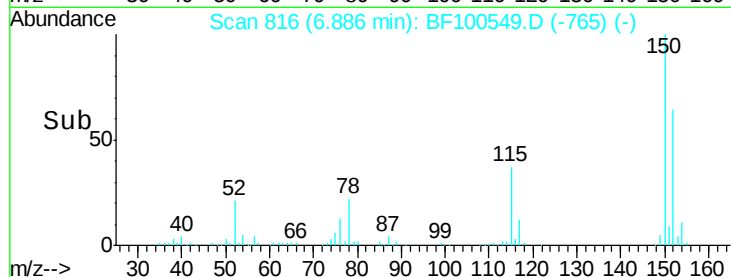
115 58.3 50.1 75.1



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: 90.02 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

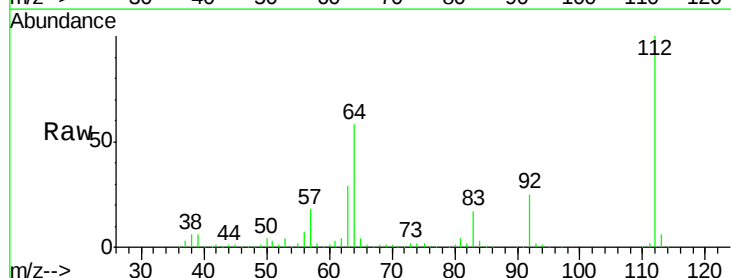
Tgt Ion:112 Resp: 710425

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

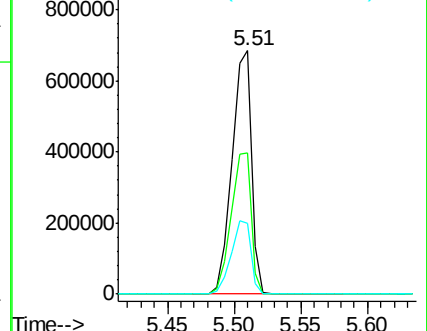
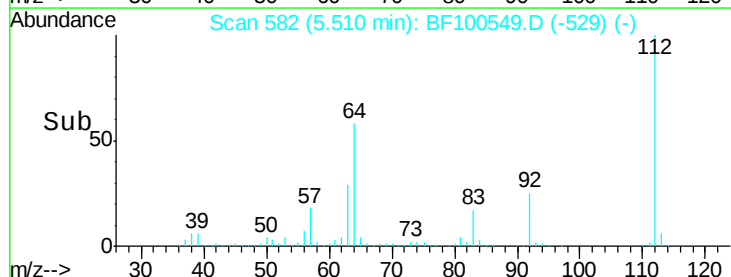
63 29.2 23.7 35.5



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: 86.77 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

Instrument :

BNA_F

ClientSampleId :

3N-8

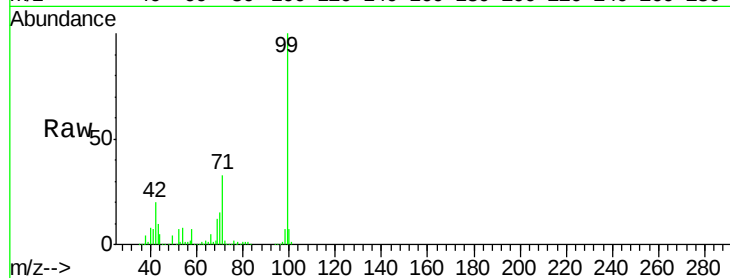
Tgt Ion: 99 Resp: 844409

Ion Ratio Lower Upper

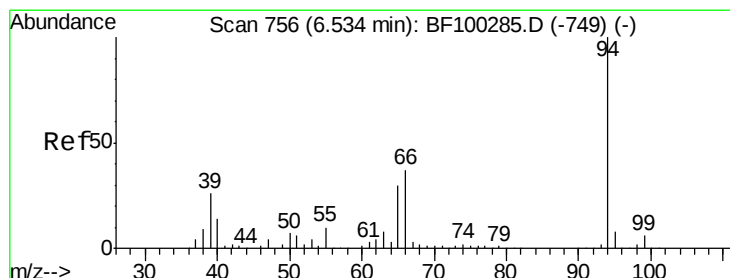
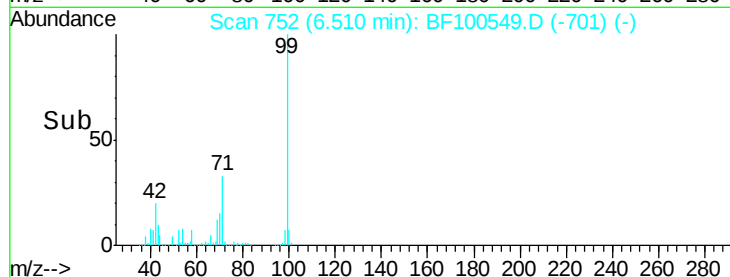
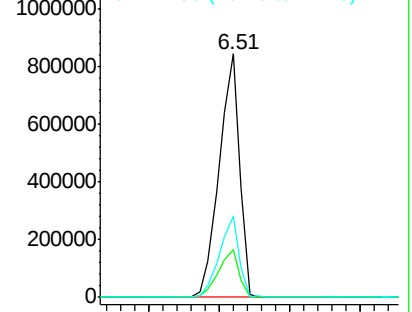
99 100

42 19.6 14.5 21.7

71 33.3 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



#10

Phenol

Concen: 3.38 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

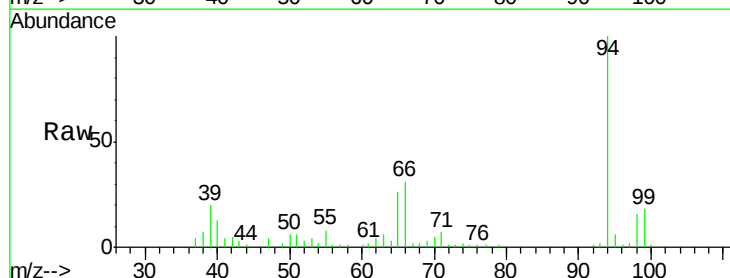
Tgt Ion: 94 Resp: 34496

Ion Ratio Lower Upper

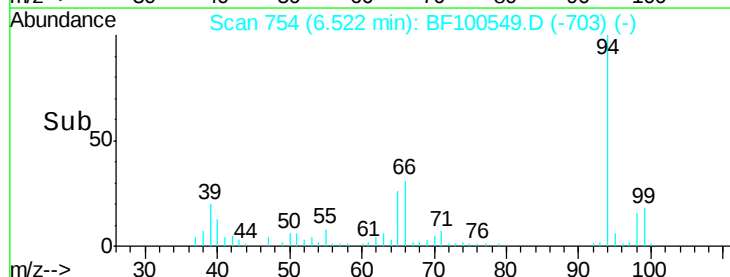
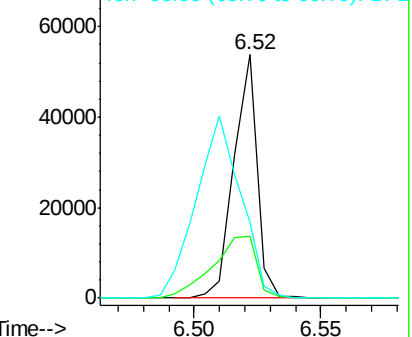
94 100

65 25.6 7.9 47.9

66 31.4 16.2 56.2



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

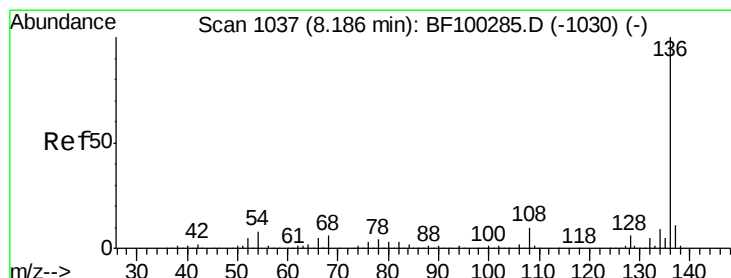
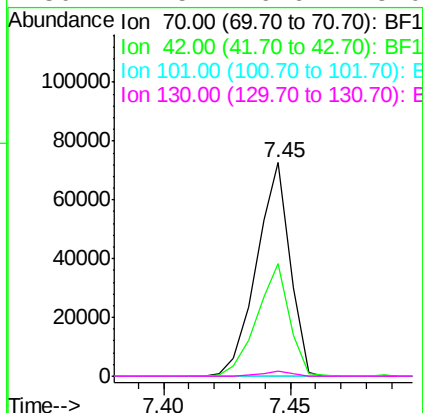
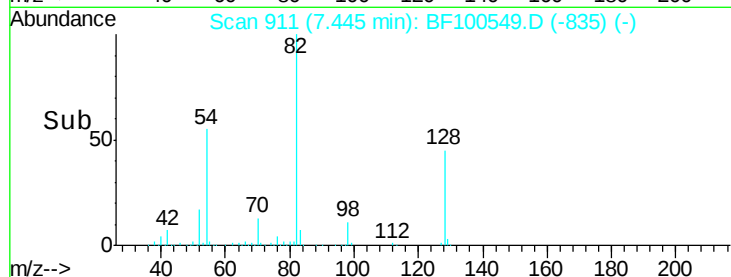
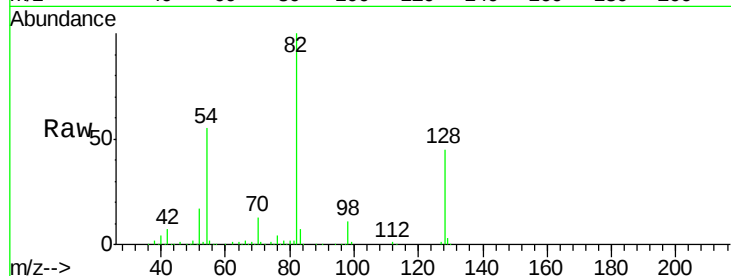




#19
n-Nitroso-di-n-propylamine
Concen: 9.81 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

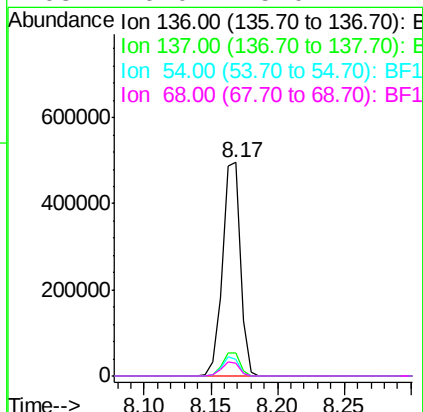
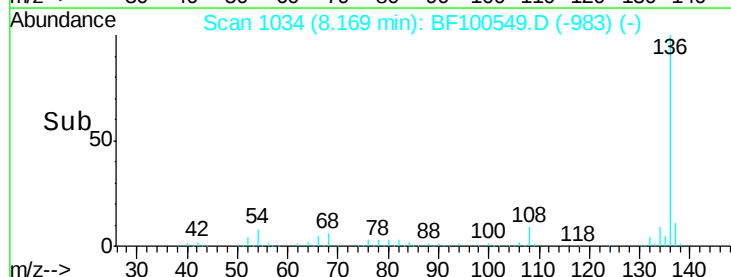
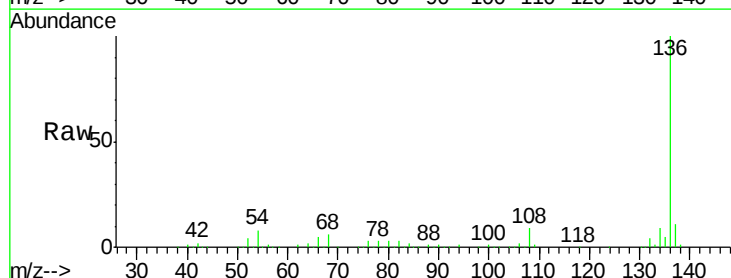
Instrument :
BNA_F
ClientSampled :
3N-8

Tgt Ion: 70 Resp: 66181
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Tgt Ion: 136 Resp: 471766
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.8 6.6 9.8
68 6.0 5.0 7.4

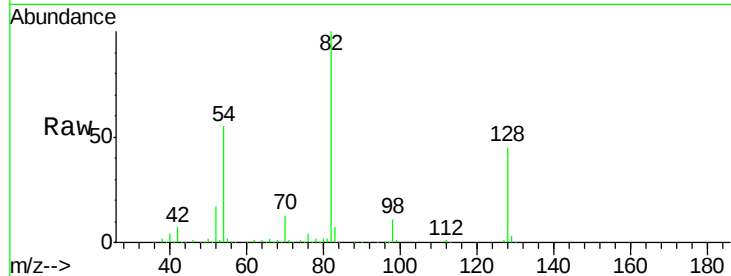




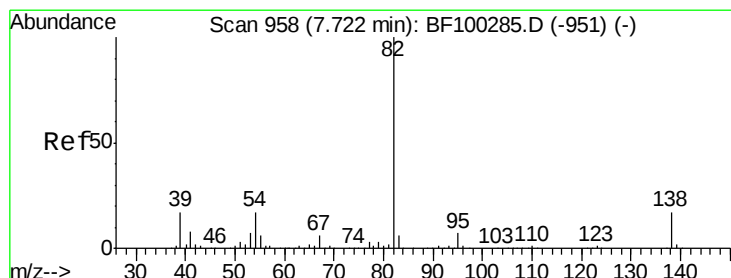
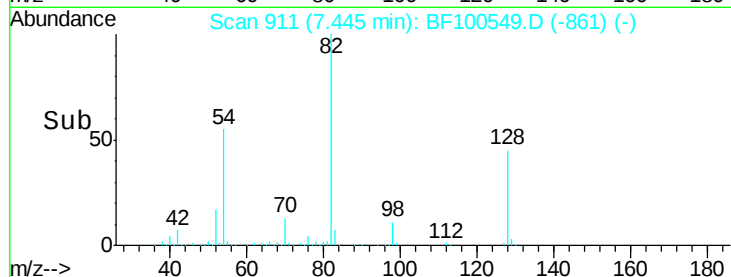
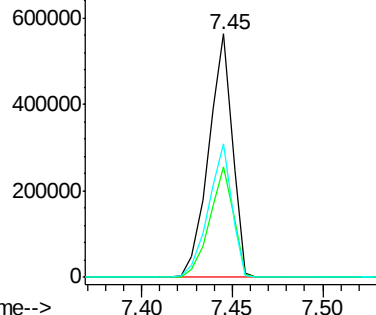
#23
Nitrobenzene-d5
Concen: 71.42 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Instrument :
BNA_F
ClientSampleId :
3N-8

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2

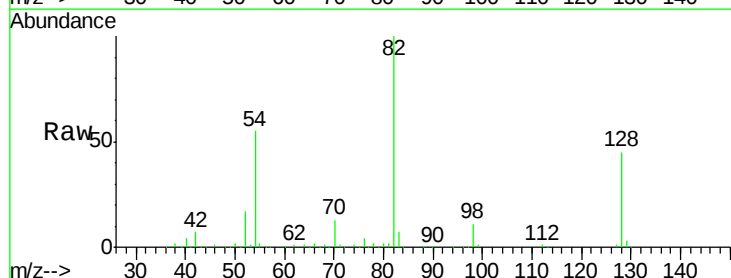


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

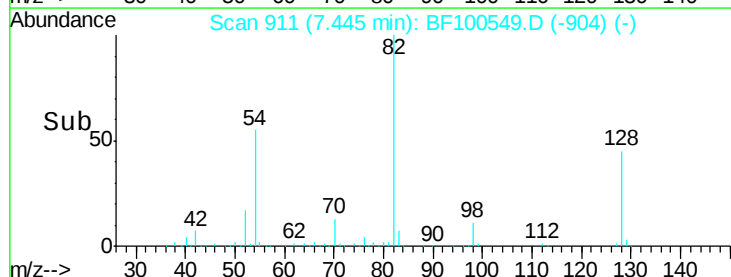
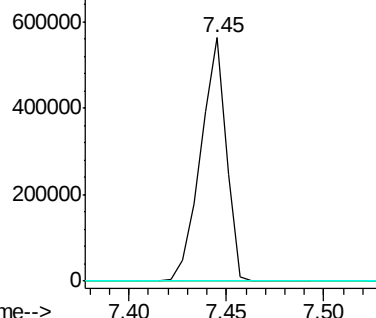


#25
Isophorone
Concen: 33.99 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Tgt 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

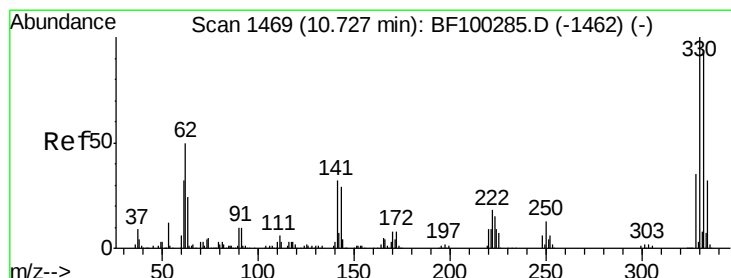
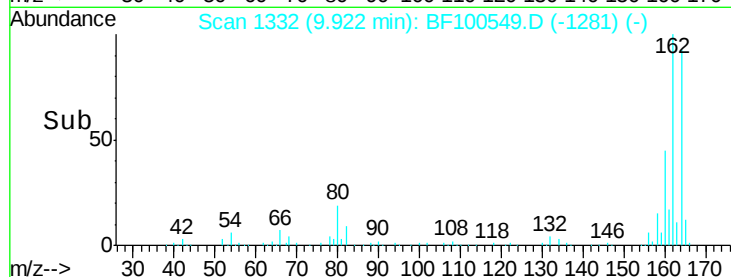
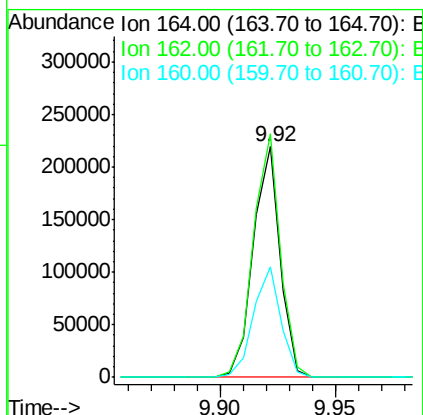
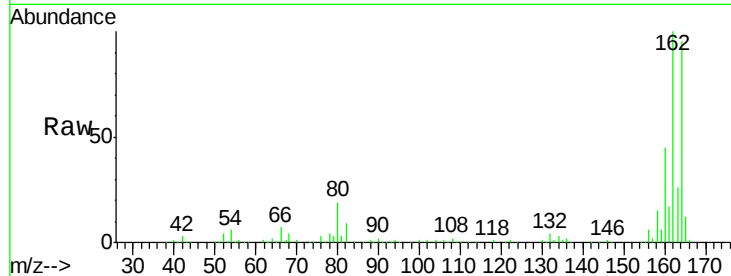




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

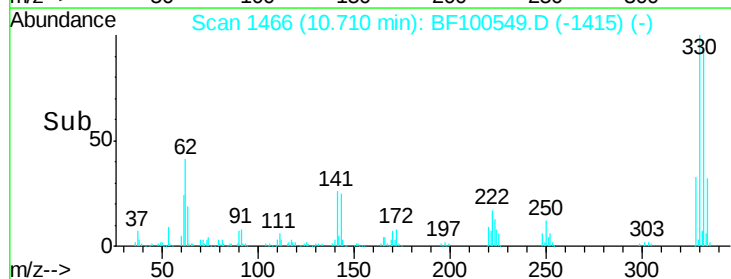
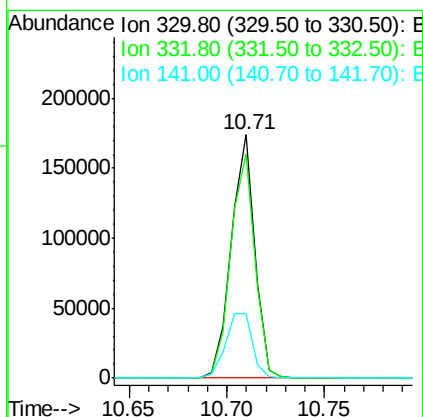
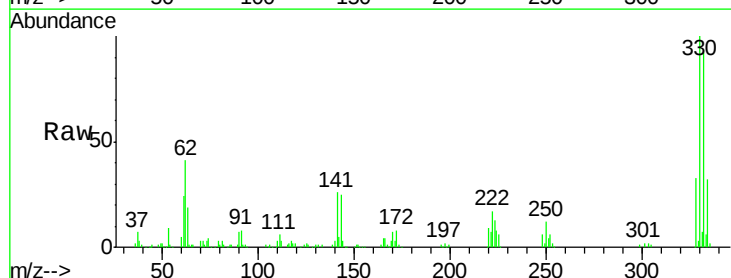
Instrument :
 BNA_F
 ClientSampleId :
 3N-8

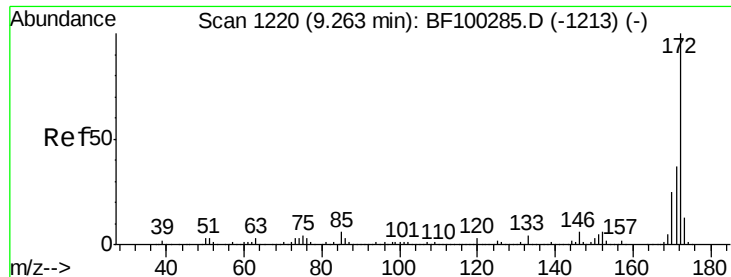
Tgt Ion:164 Resp: 178612
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 47.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.73 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Tgt Ion:330 Resp: 145122
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 30.2 29.9 44.9

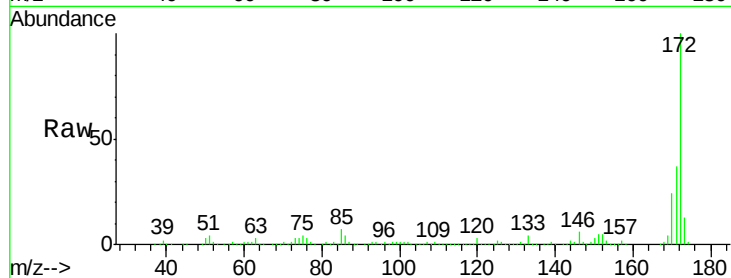




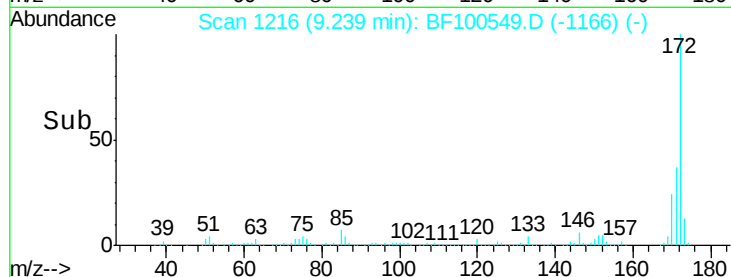
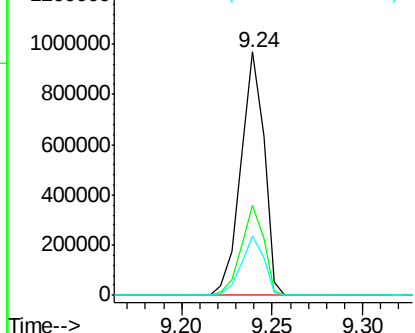
#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 3N-8

Tgt Ion: 172 Resp: 866846
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.2 19.6 29.4

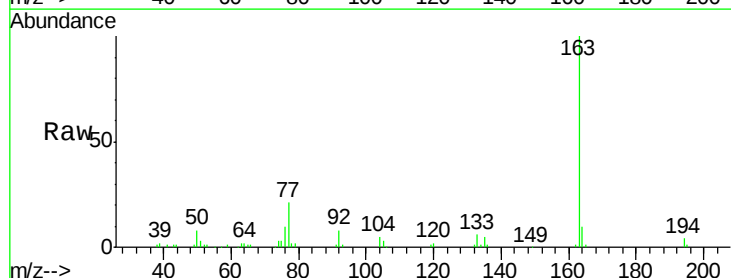


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

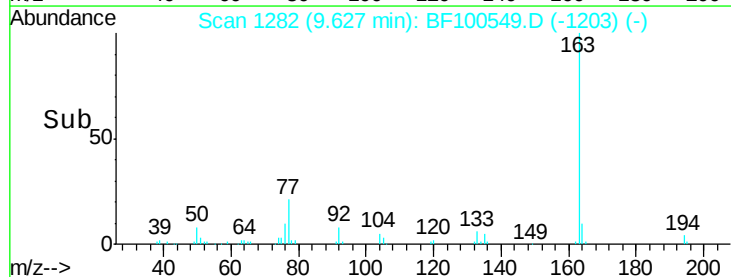
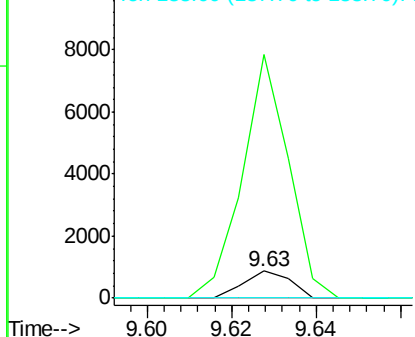


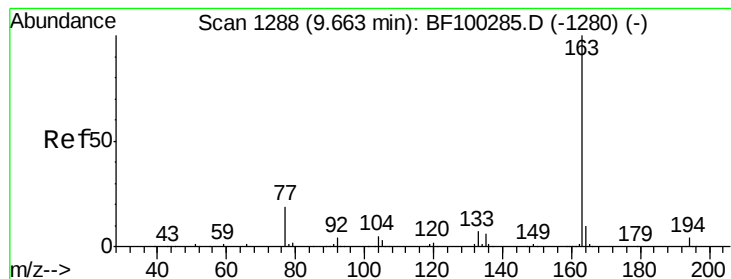
#47
 2-Nitroaniline
 Concen: 2.98 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Tgt Ion: 65 Resp: 675
 Ion Ratio Lower Upper
 65 100
 92 896.1 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 5.71 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

Instrument :

BNA_F

ClientSampleId :

3N-8

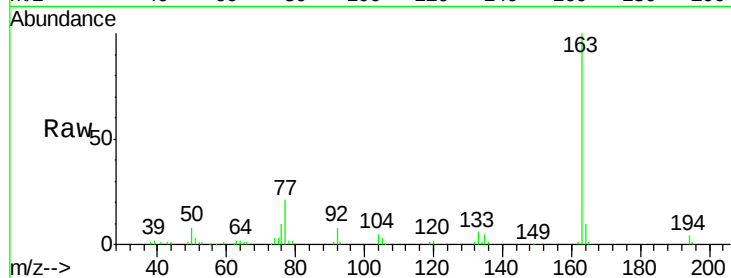
Tgt Ion:163 Resp: 77807

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

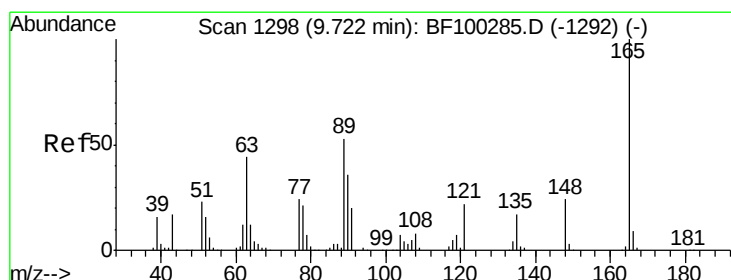
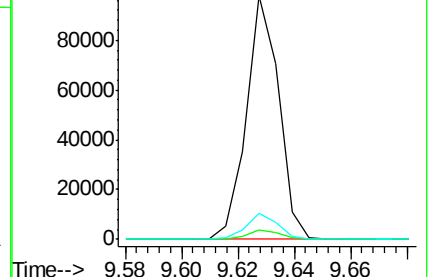
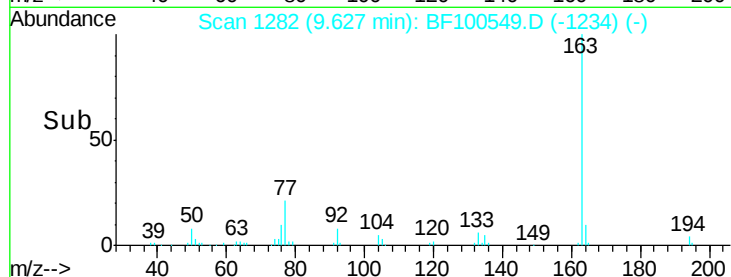
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.38 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF100549.D

Acq: 14 Nov 2017 18:15

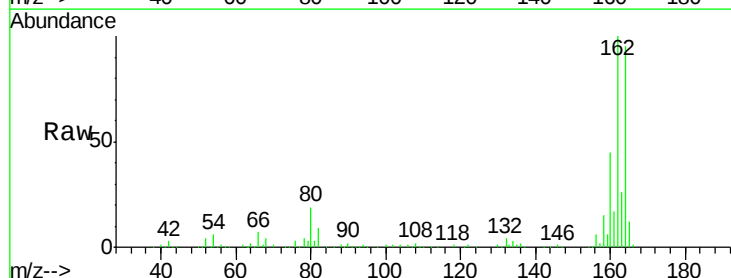
Tgt Ion:165 Resp: 22627

Ion Ratio Lower Upper

165 100

63 2.5 44.7 67.1#

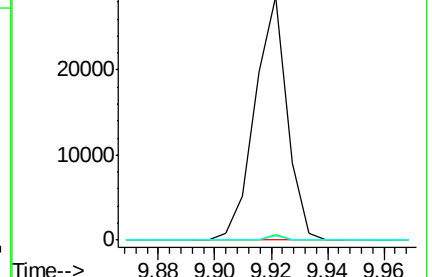
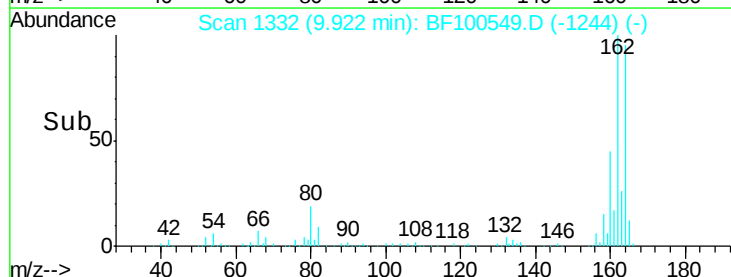
89 1.5 44.0 66.0#

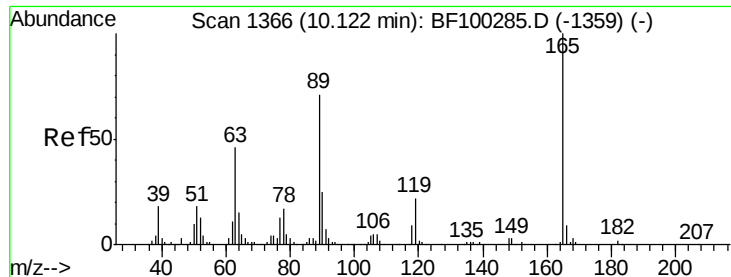


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

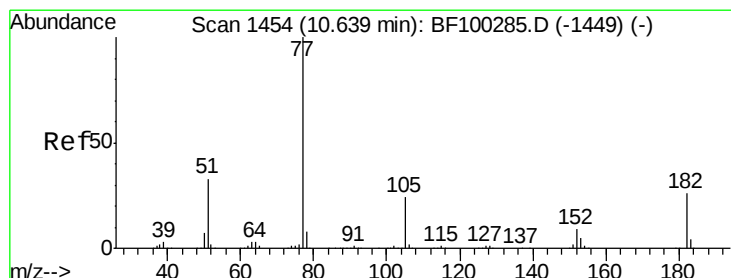
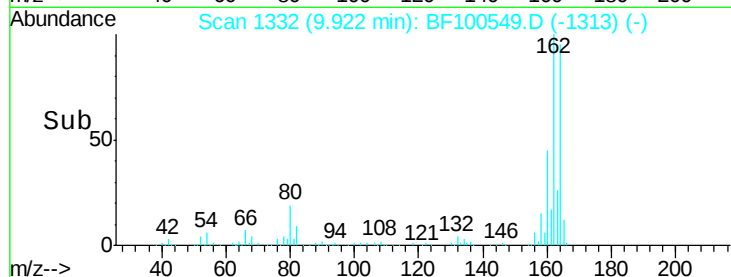
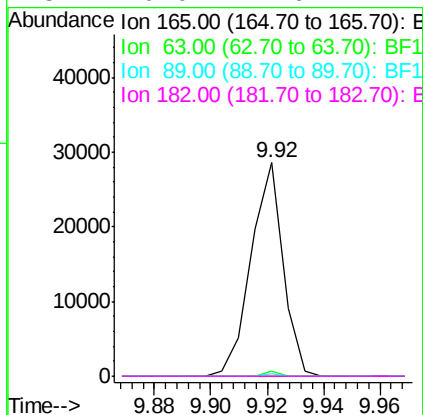
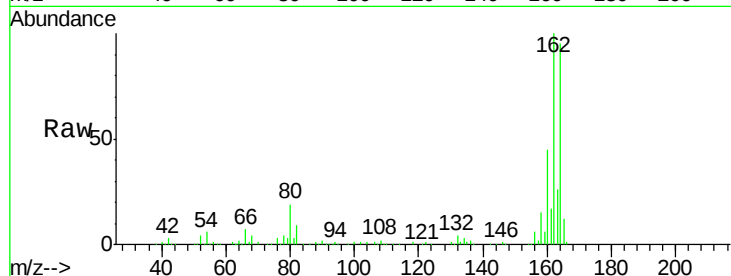




#56
 2,4-Dinitrotoluene
 Concen: 6.64 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

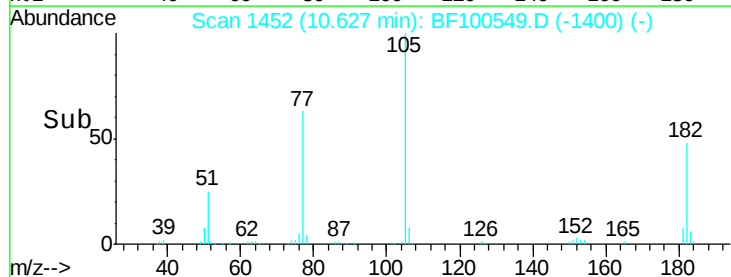
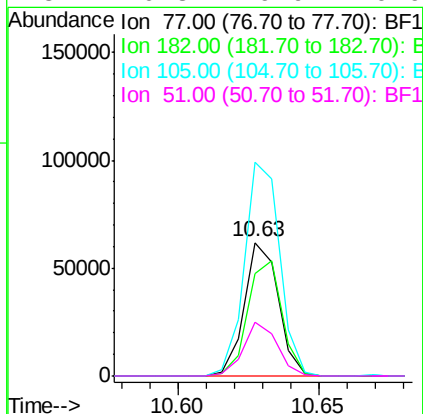
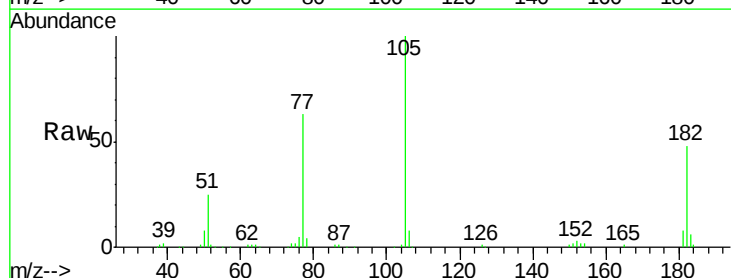
Instrument :
 BNA_F
 ClientSampleId :
 3N-8

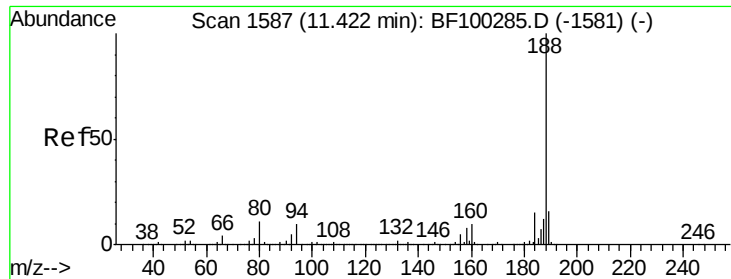
Tgt Ion:	165	Resp:	22627
Ion Ratio	Lower	Upper	
165	100		
63	2.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.03 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Tgt Ion:	77	Resp:	51757
Ion Ratio	Lower	Upper	
77	100		
182	76.5	1.7	41.7#
105	159.9	3.0	43.0#
51	40.3	9.9	49.9

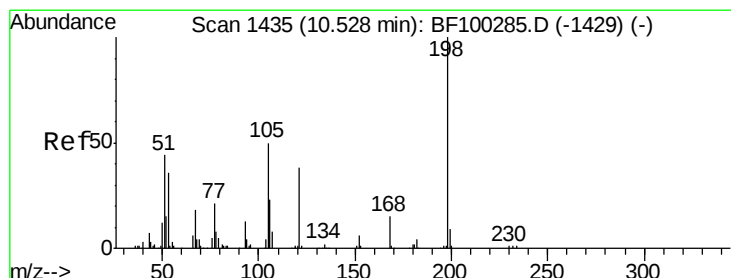
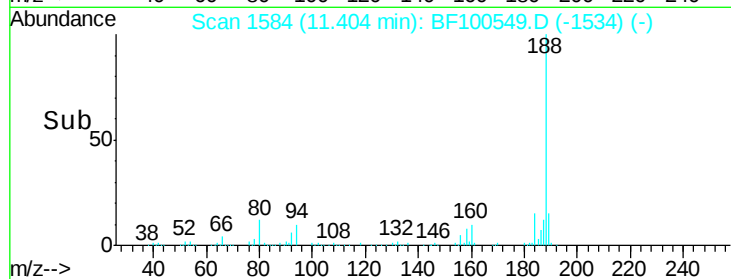
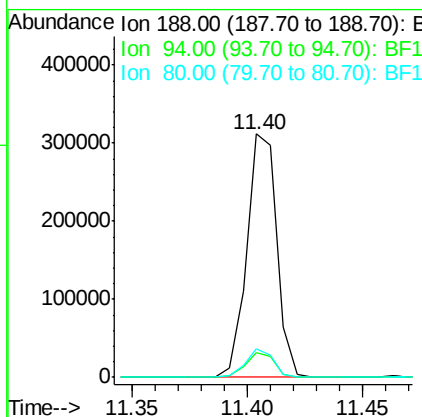
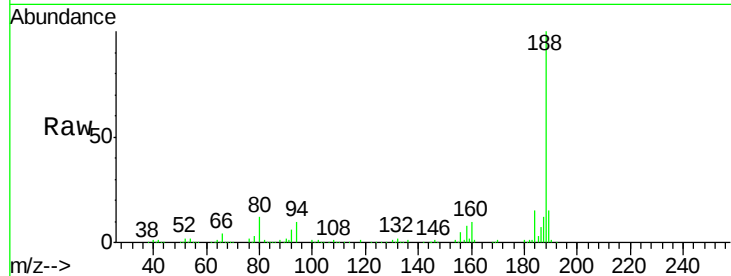




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

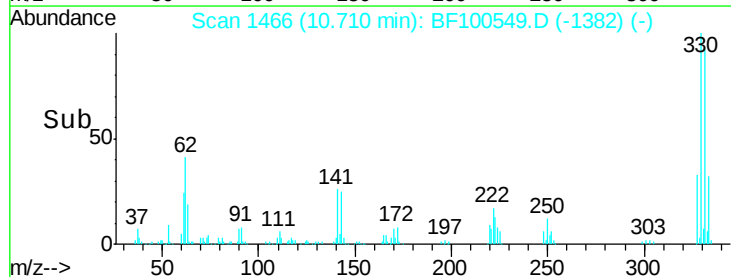
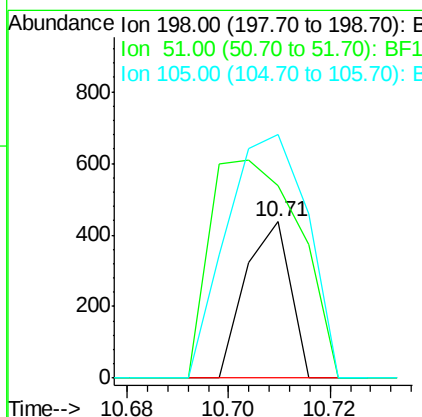
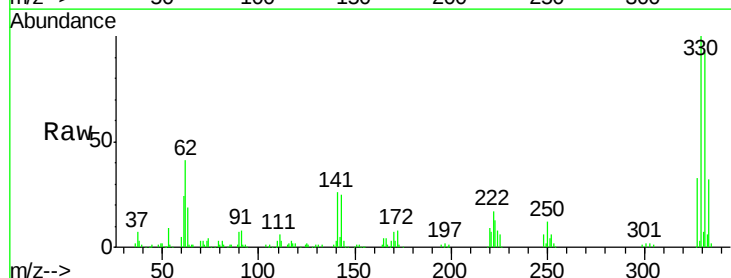
Instrument :
BNA_F
ClientSampleId :
3N-8

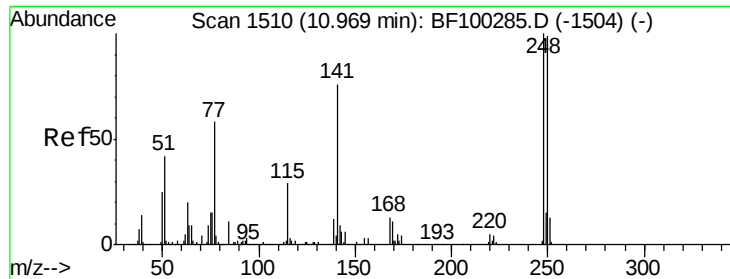
Tgt Ion:188 Resp: 283300
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 123.4 37.7 77.7#
105 156.0 36.3 76.3#

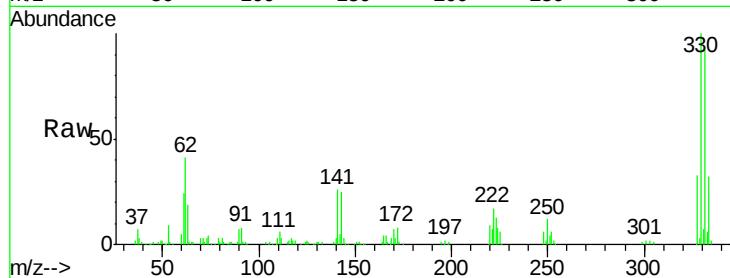




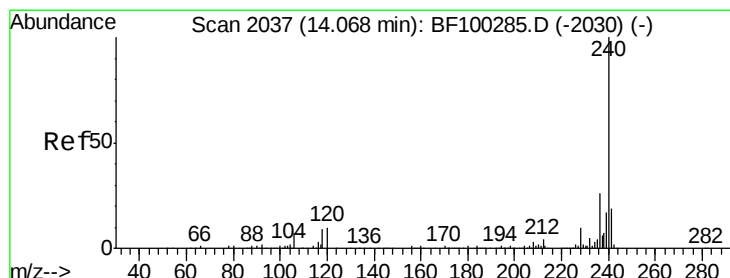
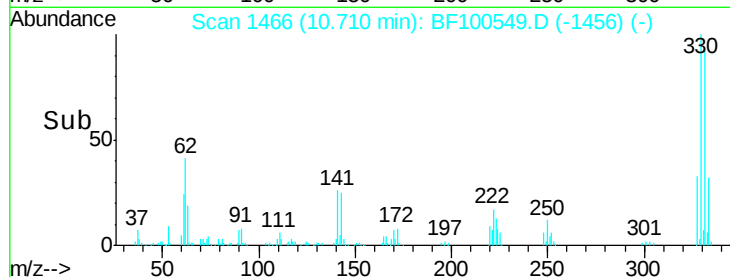
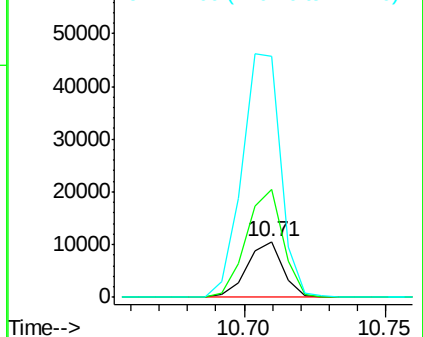
#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Instrument :
BNA_F
ClientSampleId :
3N-8

Tgt Ion: 248 Resp: 9196
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 431.2 74.4 111.6#

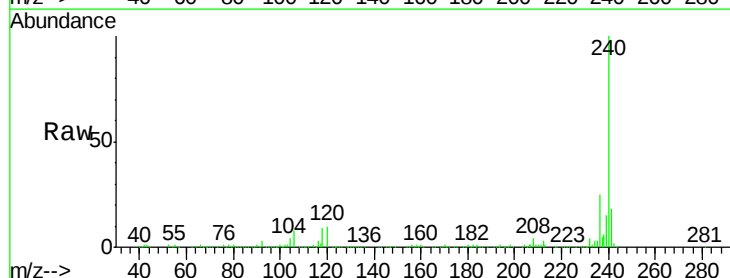


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

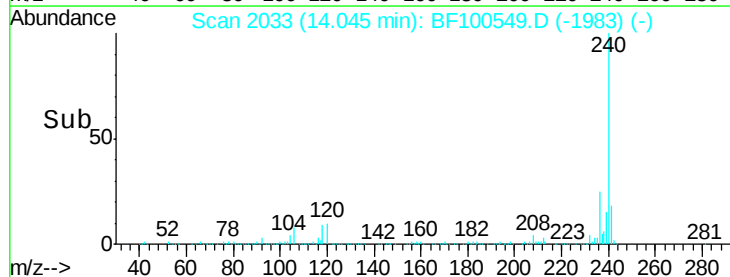
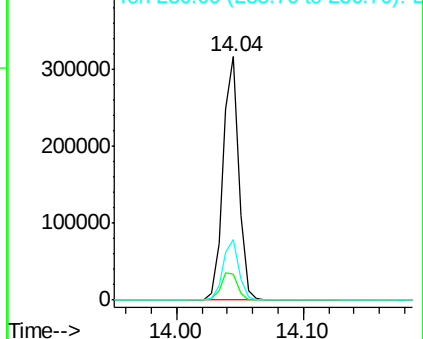


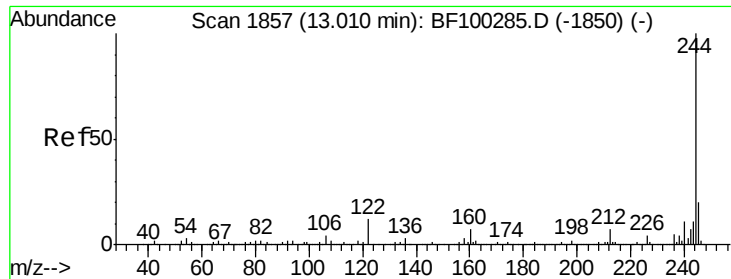
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100549.D
Acq: 14 Nov 2017 18:15

Tgt Ion: 240 Resp: 275124
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 24.7 20.7 31.1



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

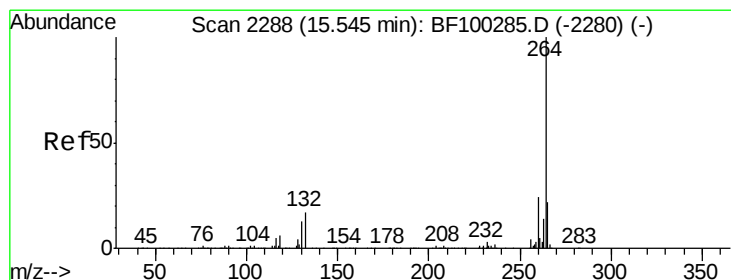
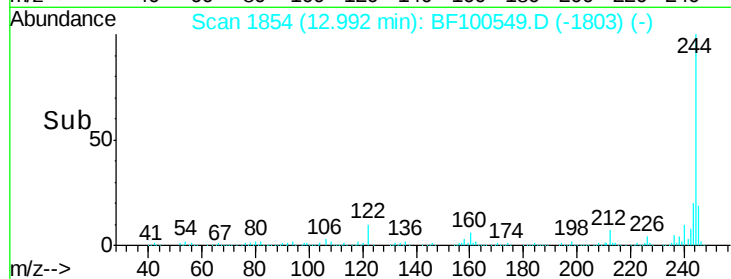
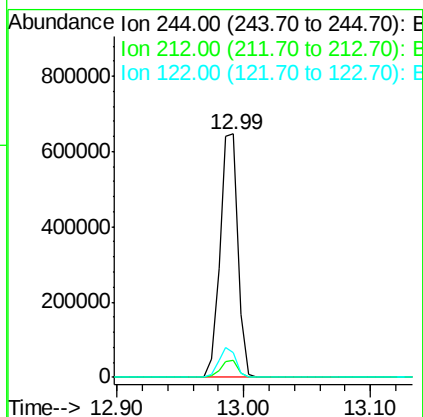
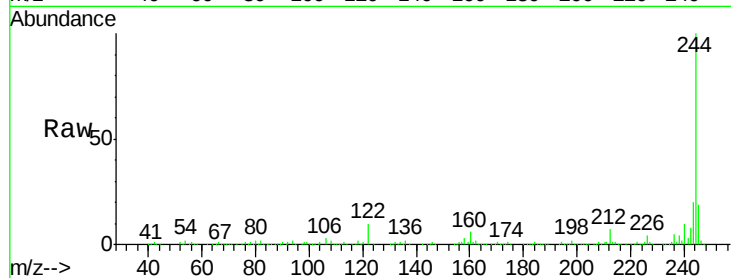




#78
 Terphenyl-d14
 Concen: 53.34 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 3N-8

Tgt Ion:244 Resp: 638712
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BF100549.D
 Acq: 14 Nov 2017 18:15

Tgt Ion:264 Resp: 192338
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.5 26.3

