

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082642.D
 Acq On : 2 Nov 2015 20:34
 Operator : UM/IZ
 Sample : G4238-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-18L

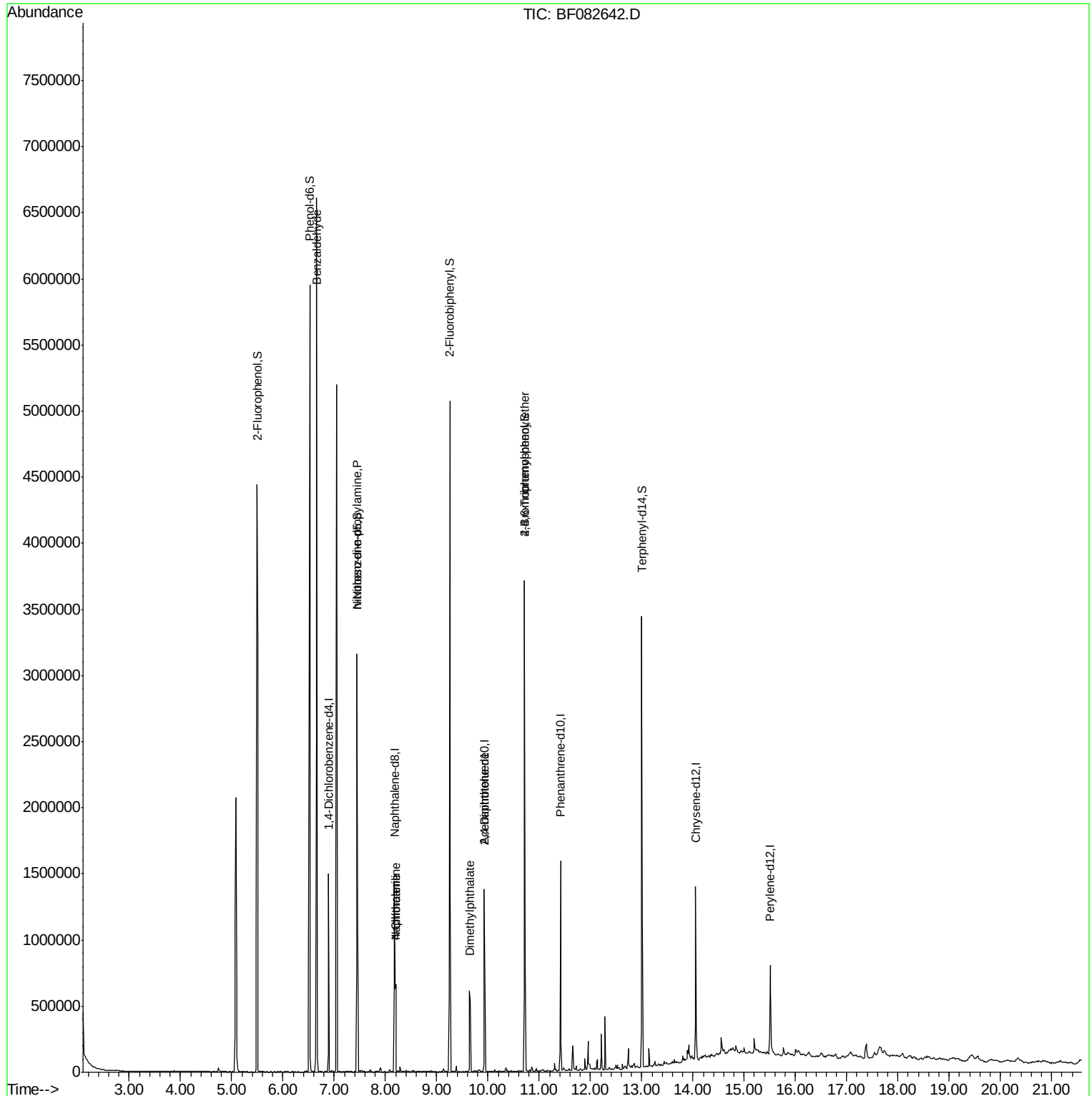
Quant Time: Nov 03 02:31:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

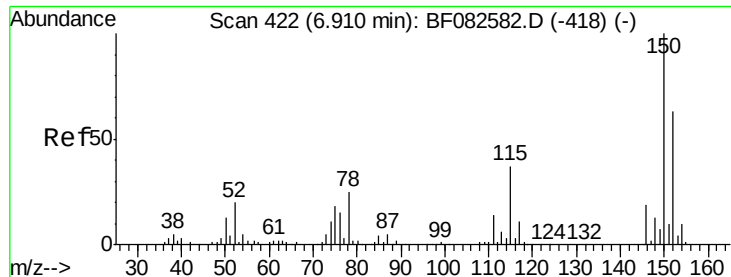
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188986	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	680040	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	308437	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	516723	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	427102	20.00	ng	-0.02
86) Perylene-d12	15.51	264	357040	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1582445	126.11	ng	-0.01
7) Phenol-d6	6.52	99	2040383	122.40	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1222853	73.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	389438	115.37	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1538687	70.83	ng	-0.02
78) Terphenyl-d14	13.00	244	1050786	53.84	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	49542	4.35	ng	85
19) n-Nitroso-di-n-propylamine	7.45	70	170837	13.52	ng	# 73
31) Naphthalene	8.20	128	419604	11.40	ng	97
33) 4-Chloroaniline	8.20	127	55181	3.51	ng	# 31
49) Dimethylphthalate	9.65	163	350293	13.91	ng	97
56) 2,4-Dinitrotoluene	9.93	165	39319	5.57	ng	# 16
66) 4-Bromophenyl-phenylether	10.72	248	25722	4.39	ng	# 1

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

```
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Misc      :  
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Quant Time: Nov 03 02:31:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampled :

T-18L

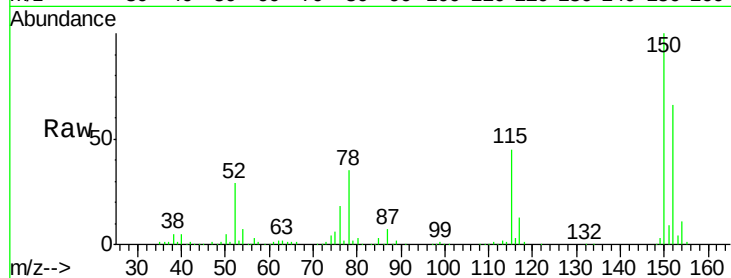
Tgt Ion:152 Resp: 188986

Ion Ratio Lower Upper

152 100

150 151.9 127.0 190.4

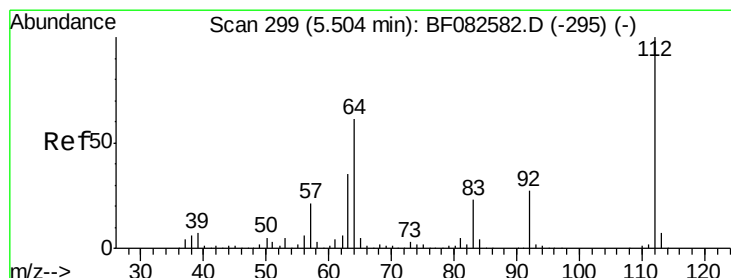
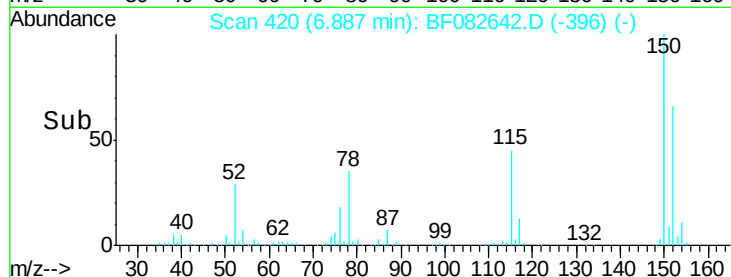
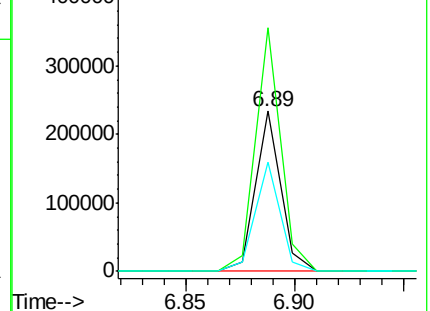
115 68.3 47.0 70.6



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: 126.11 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

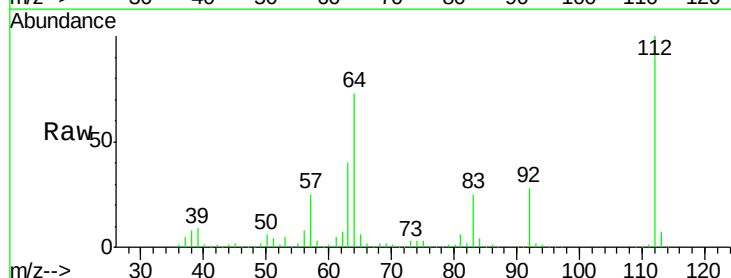
Tgt Ion:112 Resp: 1582445

Ion Ratio Lower Upper

112 100

64 72.9 48.9 73.3

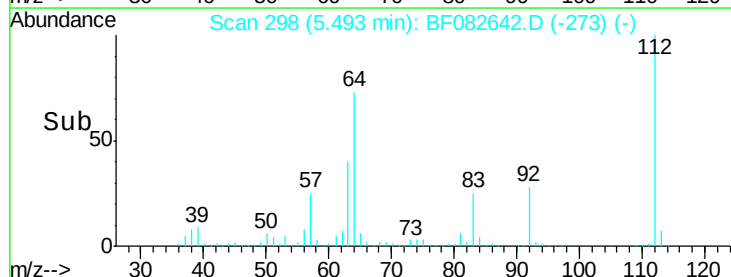
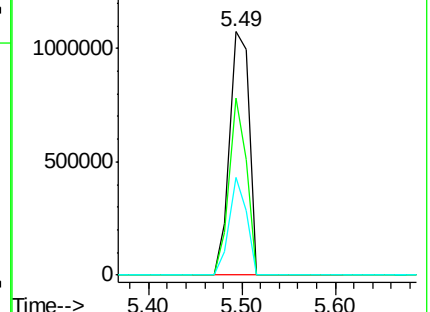
63 40.0 28.1 42.1

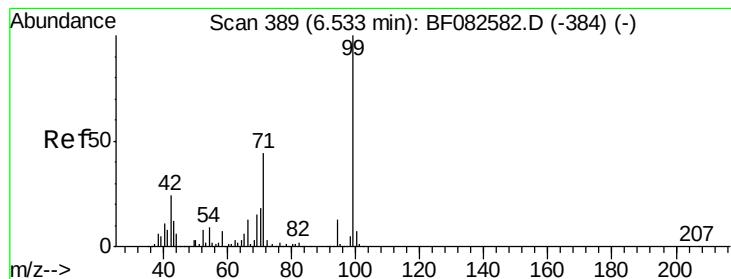


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampled :

T-18L

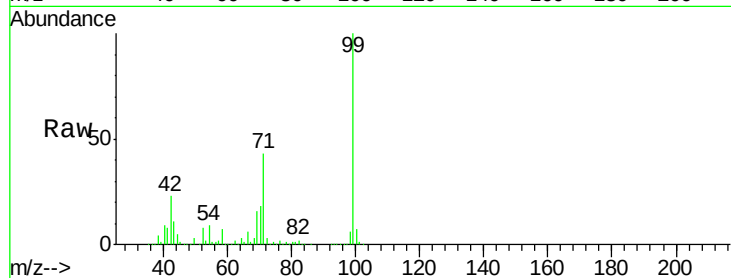
Tgt Ion: 99 Resp: 2040383

Ion Ratio Lower Upper

99 100

42 22.8 19.2 28.8

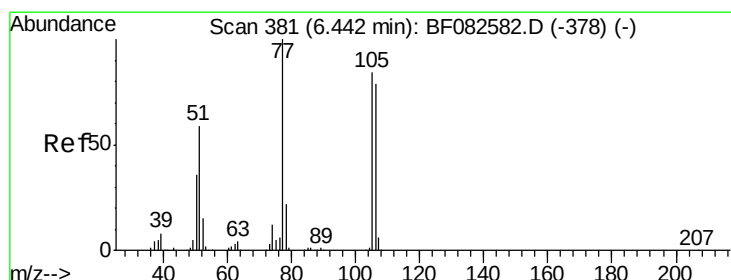
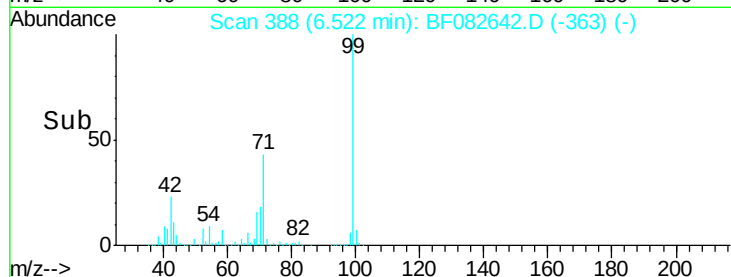
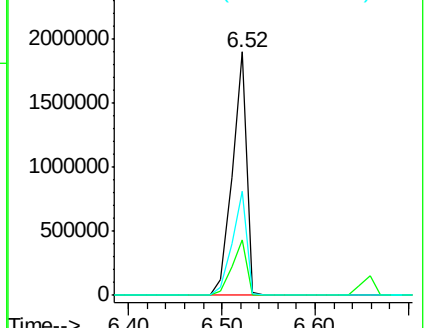
71 42.9 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.35 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

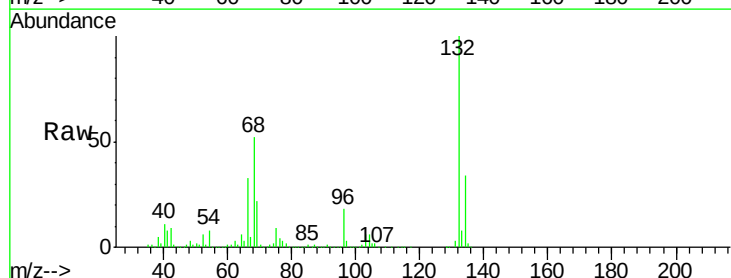
Tgt Ion: 77 Resp: 49542

Ion Ratio Lower Upper

77 100

105 73.6 63.5 103.5

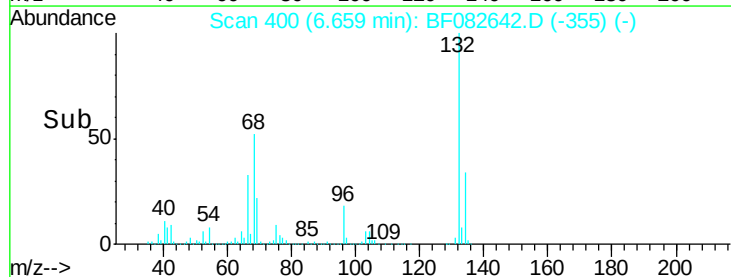
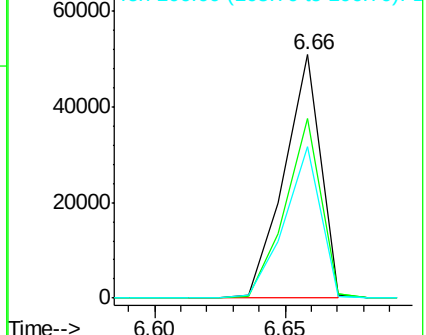
106 62.2 59.3 99.3

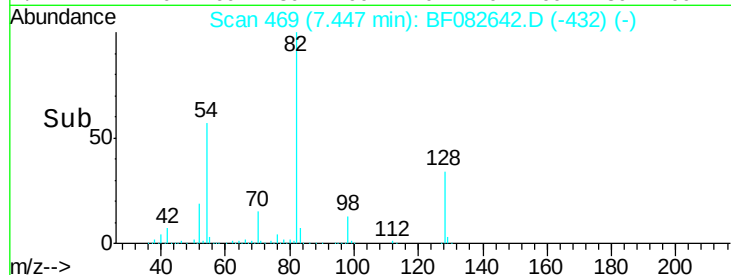
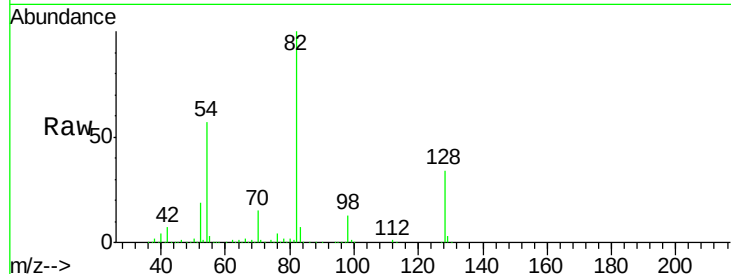
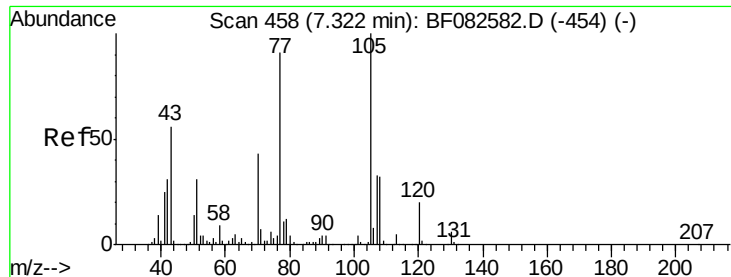


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

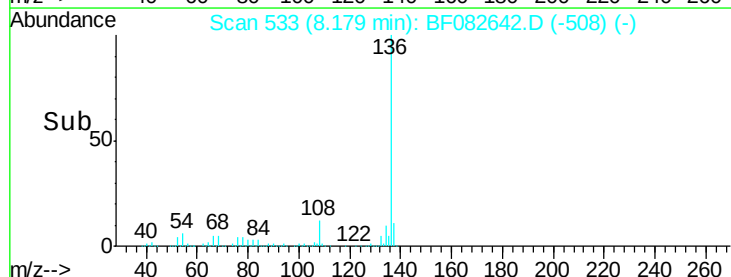
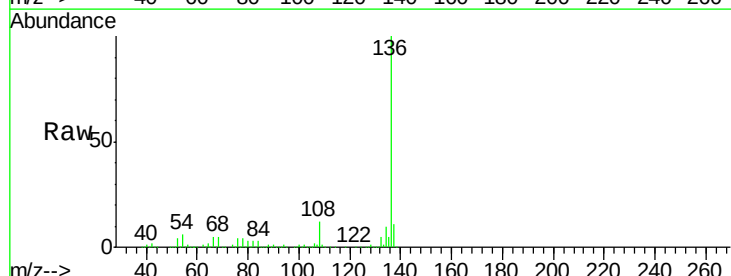
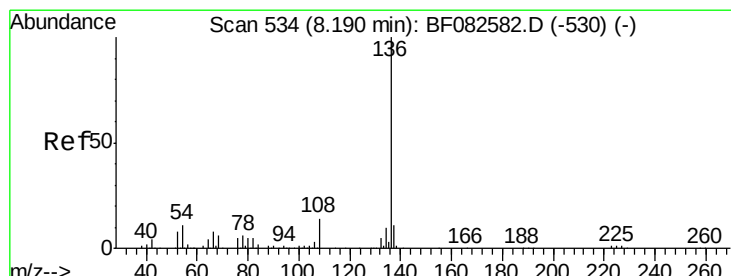
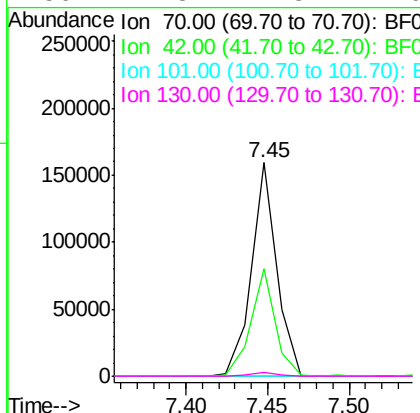




#19
n-Nitroso-di-n-propylamine
Concen: 13.52 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

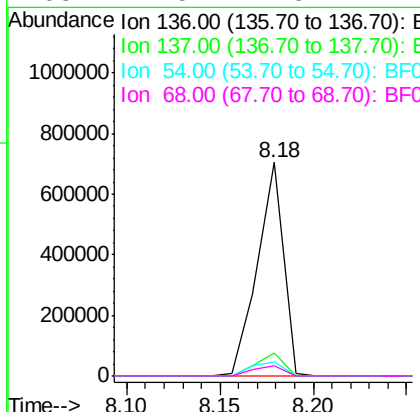
Instrument :
BNA_F
ClientSampled :
T-18L

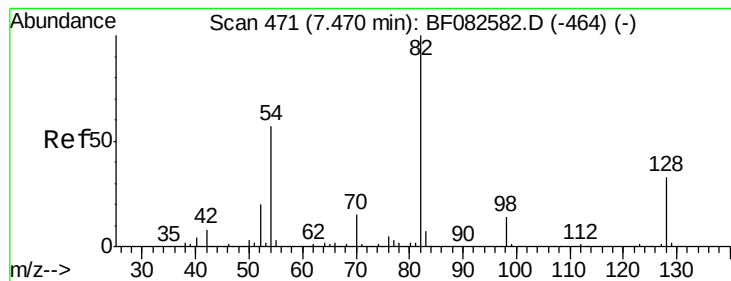
Tgt Ion: 70 Resp: 170837
Ion Ratio Lower Upper
70 100
42 50.4 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion: 136 Resp: 680040
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.5 9.1 13.7#
68 4.5 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 73.43 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampleId :

T-18L

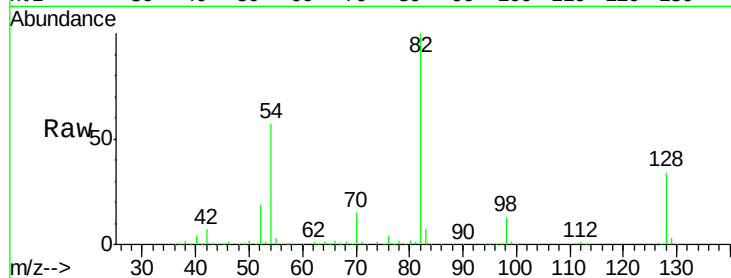
Tgt Ion: 82 Resp: 1222853

Ion Ratio Lower Upper

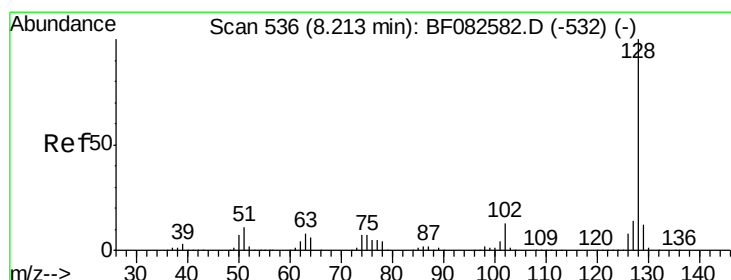
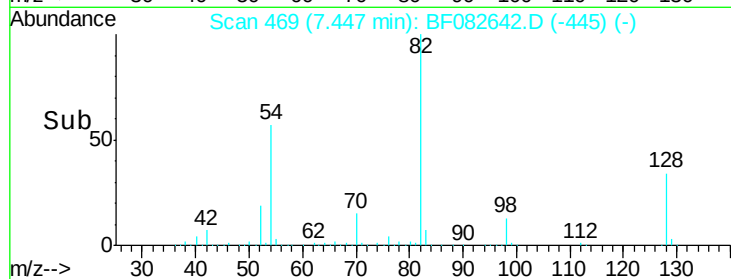
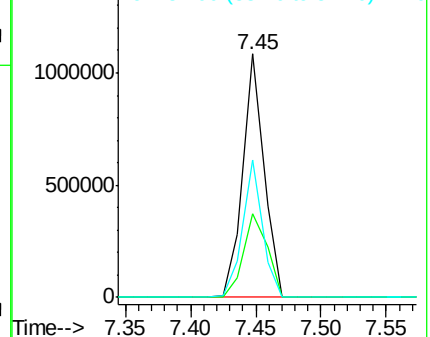
82 100

128 34.2 26.8 40.2

54 56.6 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 11.40 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

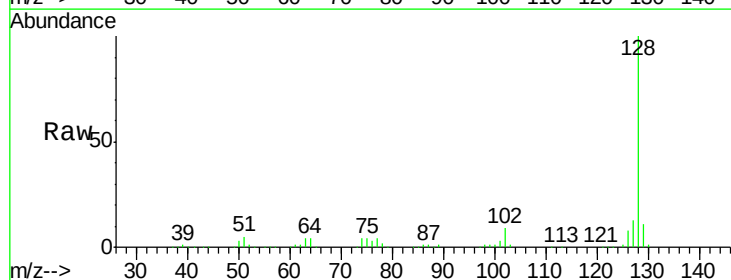
Tgt Ion: 128 Resp: 419604

Ion Ratio Lower Upper

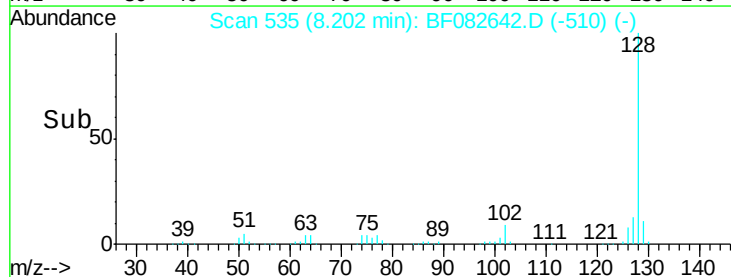
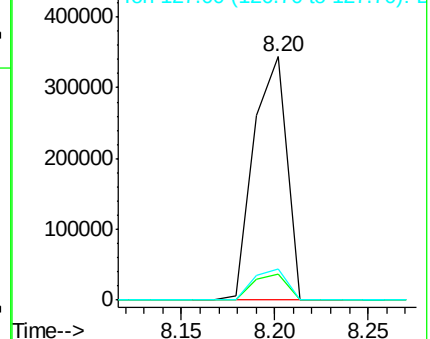
128 100

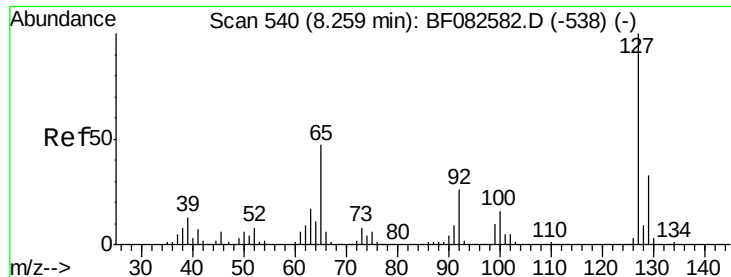
129 10.5 9.5 14.3

127 13.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

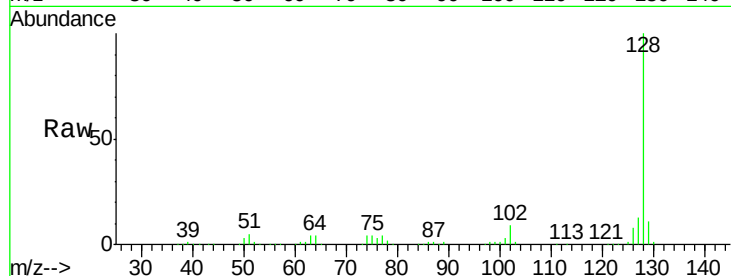




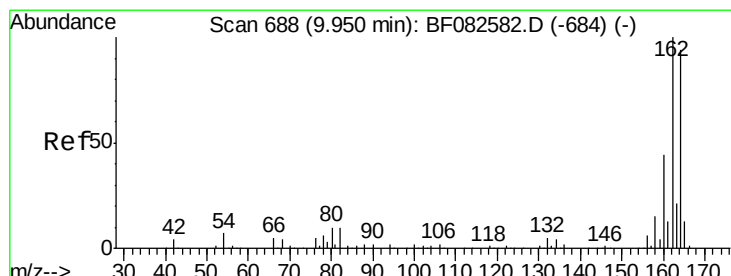
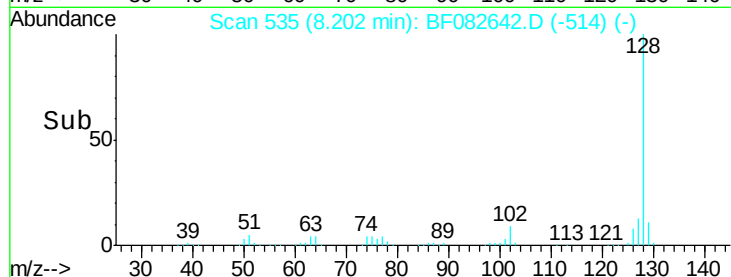
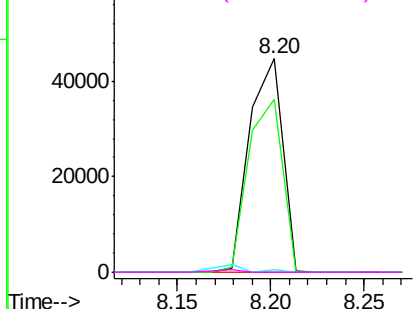
#33
4-Chloroaniline
Concen: 3.51 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:127 Resp: 55181
Ion Ratio Lower Upper
127 100
129 81.0 26.3 39.5#
65 1.4 37.8 56.8#
92 0.0 20.6 31.0#

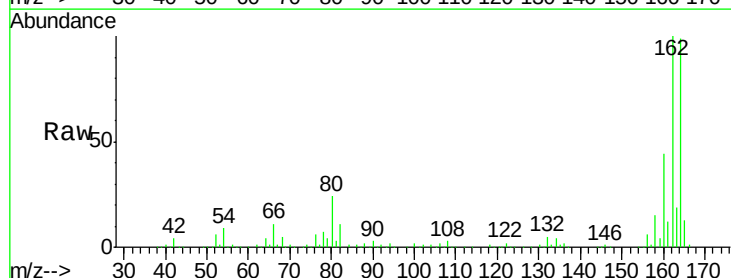


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

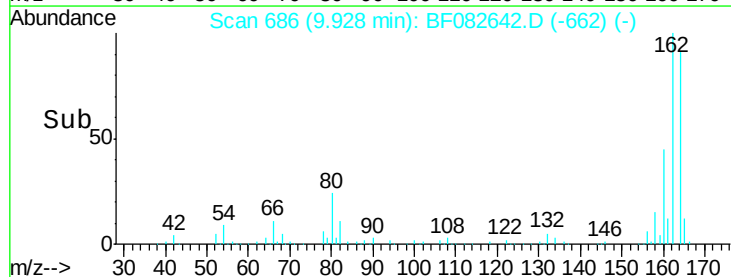
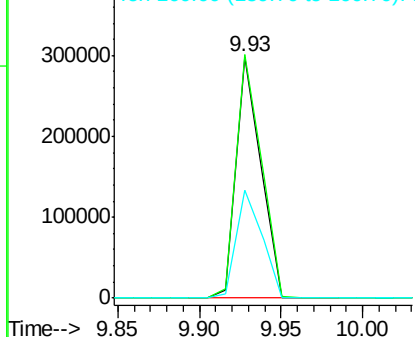


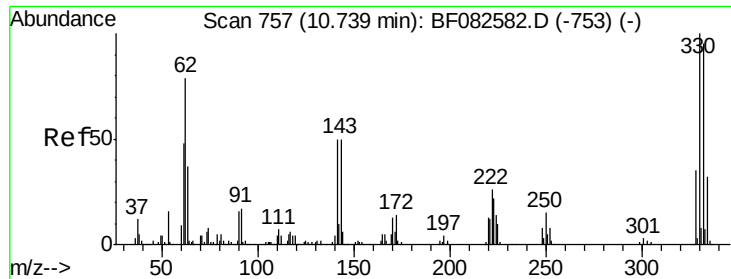
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:164 Resp: 308437
Ion Ratio Lower Upper
164 100
162 101.0 84.9 127.3
160 44.9 37.5 56.3



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

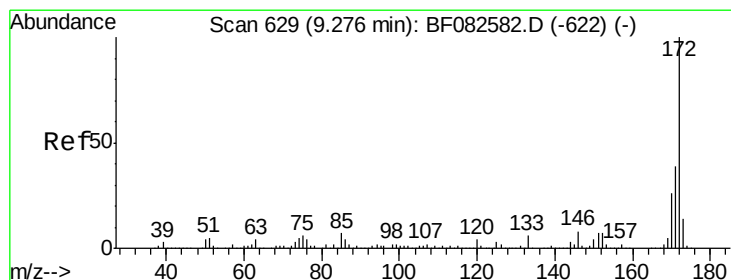
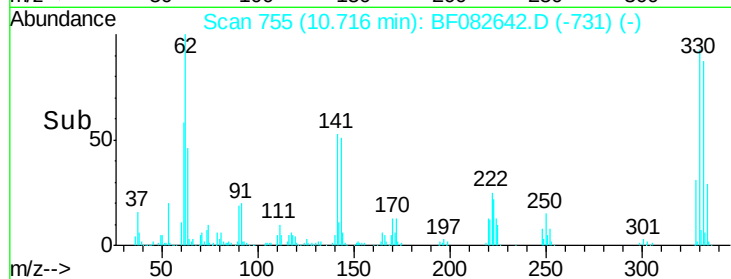
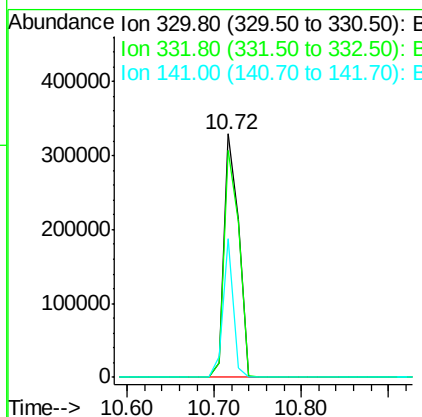
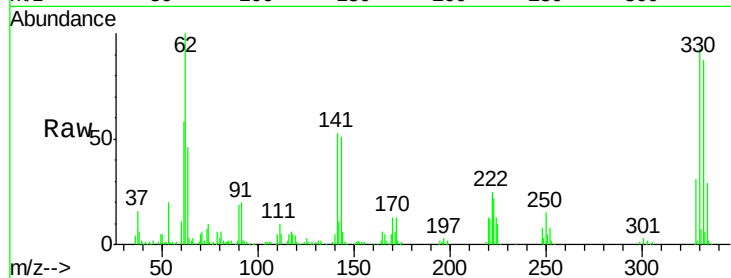




#41
 2,4,6-Tribromophenol
 Concen: 115.37 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082642.D
 Acq: 2 Nov 2015 20:34

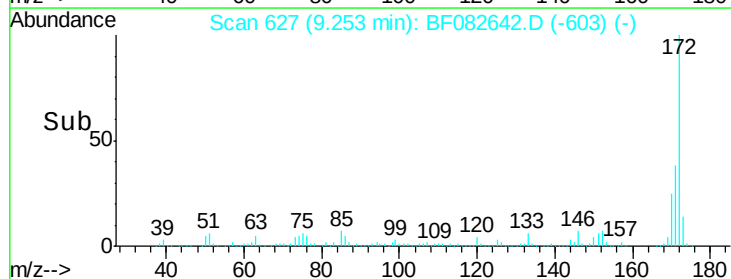
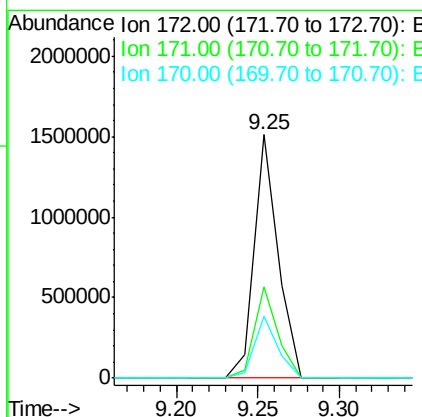
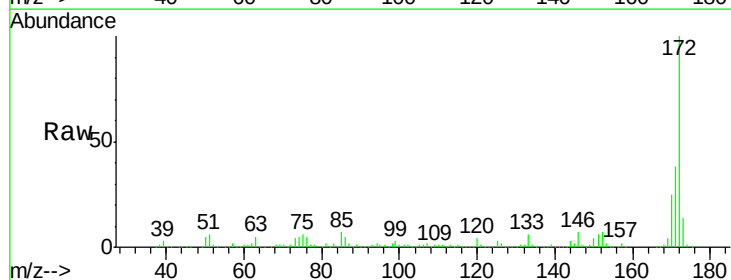
Instrument :
 BNA_F
 ClientSampled :
 T-18L

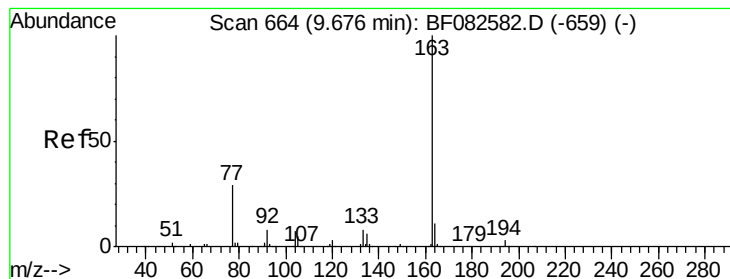
Tgt Ion:330 Resp: 389438
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 40.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 70.83 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082642.D
 Acq: 2 Nov 2015 20:34

Tgt Ion:172 Resp: 1538687
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.5 21.2 31.8





#49

Dimethylphthalate

Concen: 13.91 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampleId :

T-18L

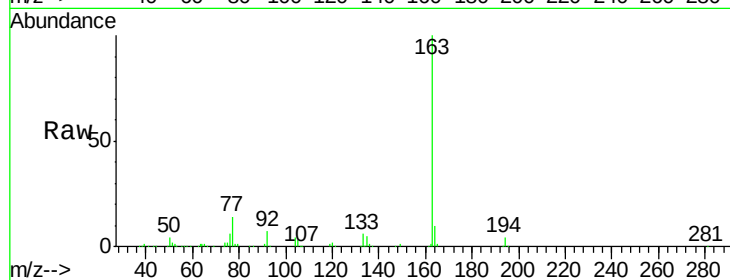
Tgt Ion:163 Resp: 350293

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

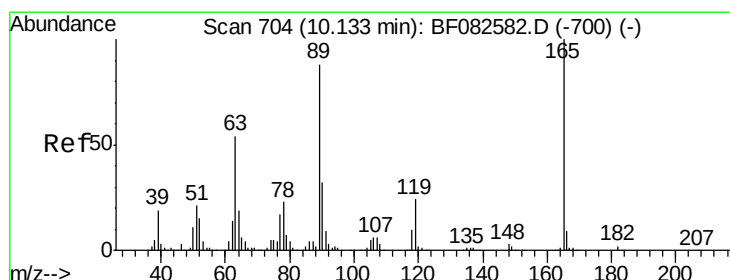
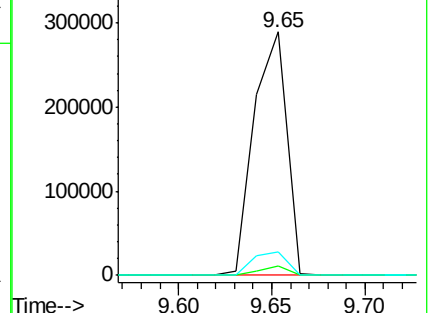
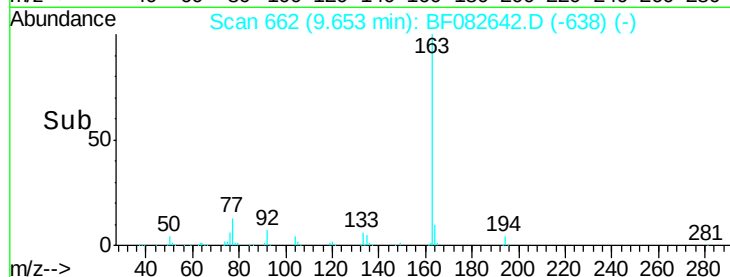
164 9.5 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 5.57 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.21 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Tgt Ion:165 Resp: 39319

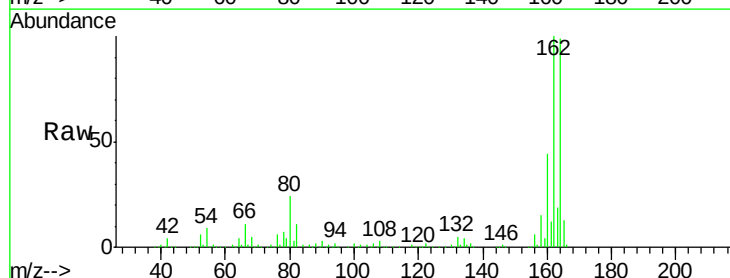
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 2.2 70.6 106.0#

182 0.0 1.5 2.3#

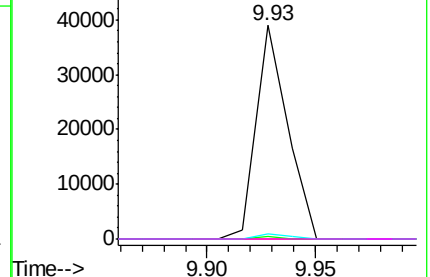
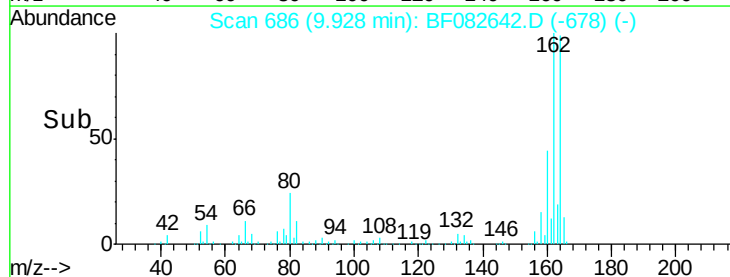


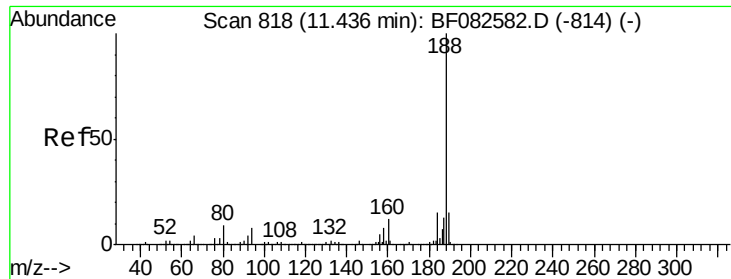
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

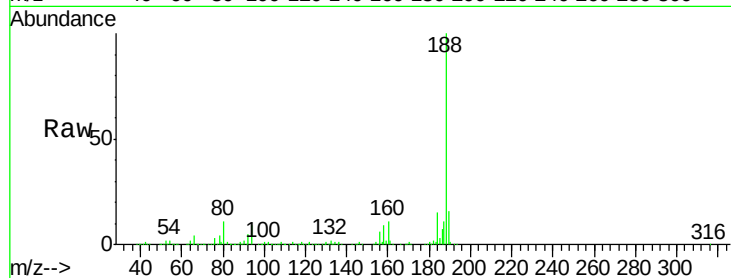




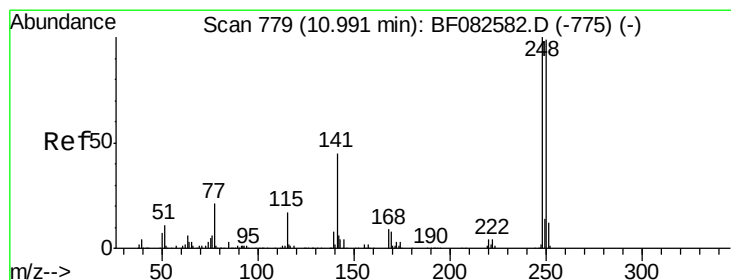
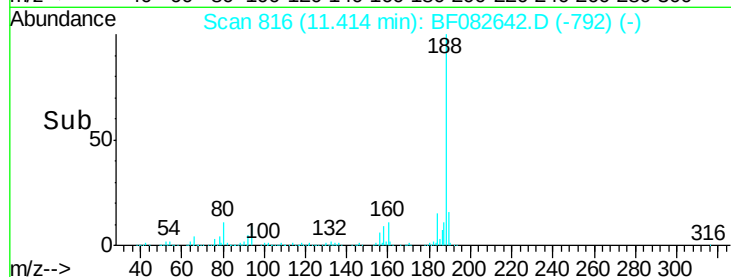
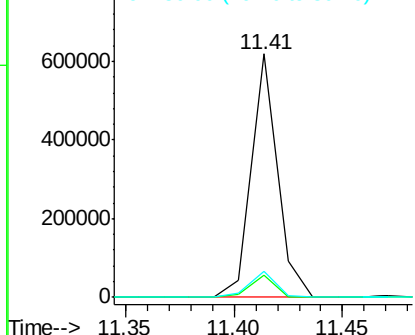
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion:188 Resp: 516723
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 10.5 7.0 10.6

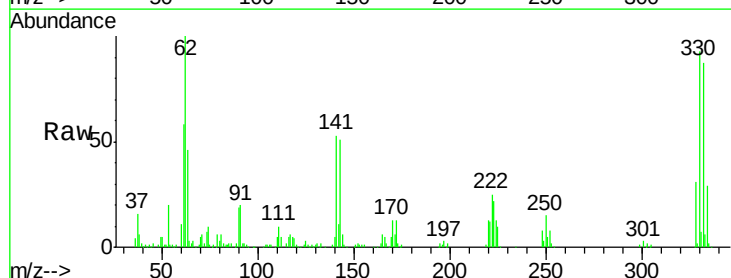


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

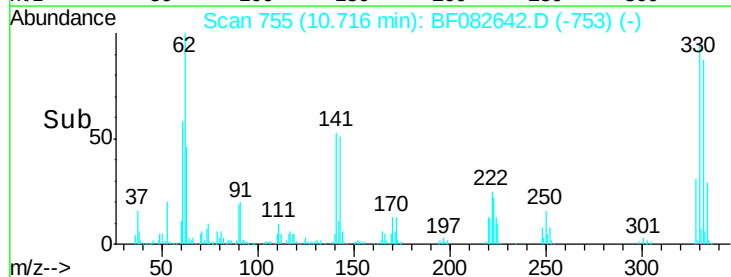
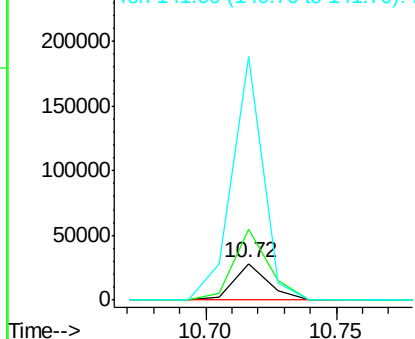


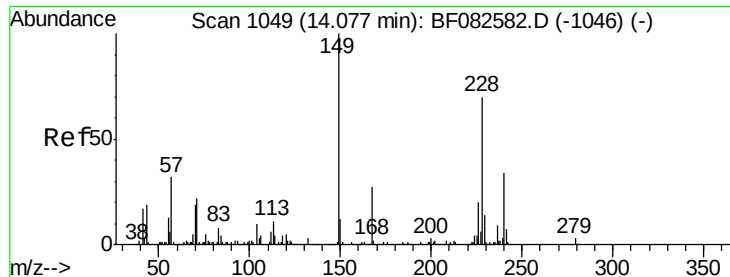
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:248 Resp: 25722
Ion Ratio Lower Upper
248 100
250 194.3 79.4 119.2#
141 667.7 36.3 54.5#



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

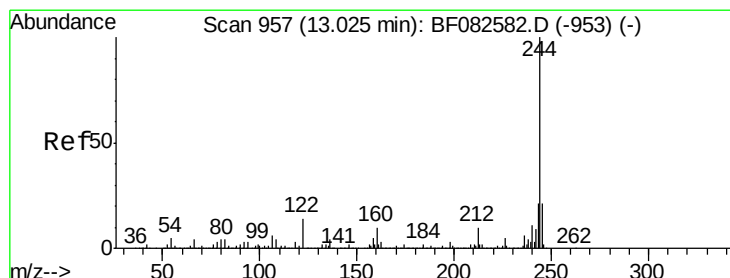
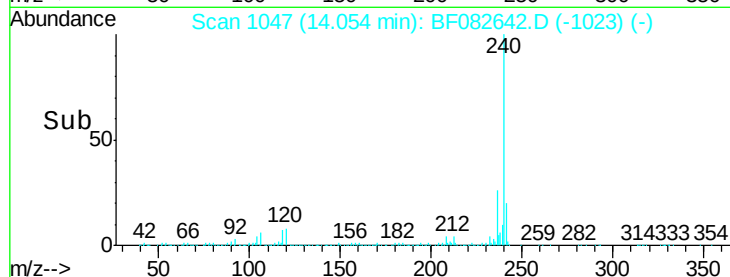
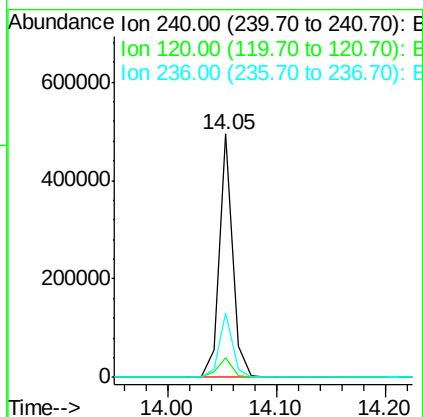
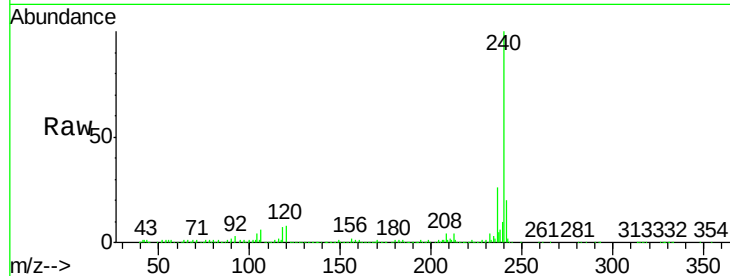




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

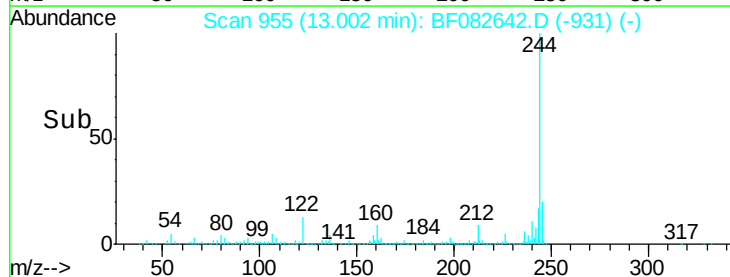
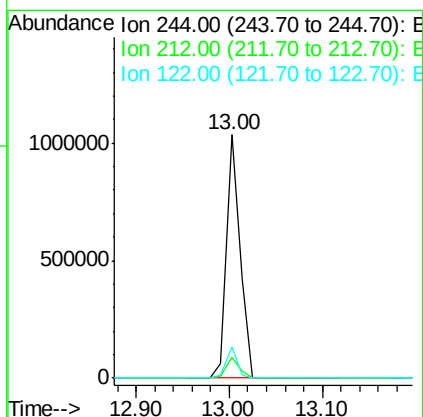
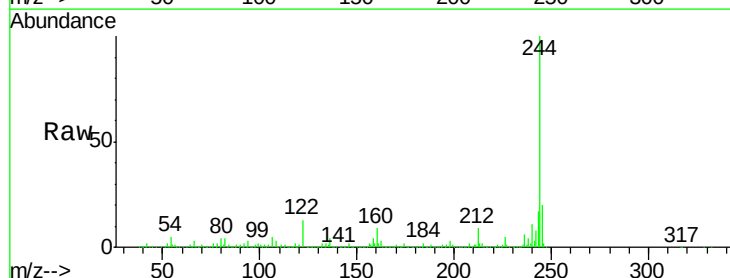
Instrument :
BNA_F
ClientSampleId :
T-18L

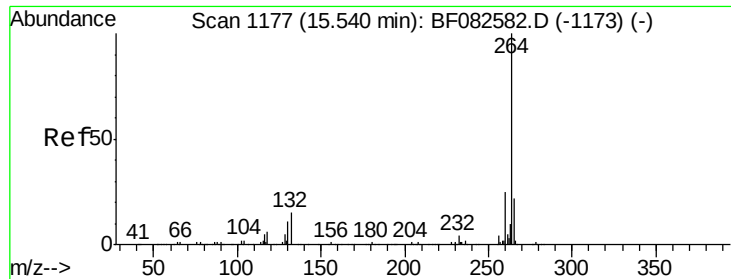
Tgt Ion:240 Resp: 427102
Ion Ratio Lower Upper
240 100
120 7.9 10.9 16.3#
236 26.4 21.6 32.4



#78
Terphenyl-d14
Concen: 53.84 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:244 Resp: 1050786
Ion Ratio Lower Upper
244 100
212 8.8 7.6 11.4
122 12.9 11.3 16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tgt Ion: 264 Resp: 357040
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 22.4 17.4 26.0

