

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082643.D
 Acq On : 2 Nov 2015 21:03
 Operator : UM/IZ
 Sample : G4238-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-18C

Quant Time: Nov 03 02:32:03 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

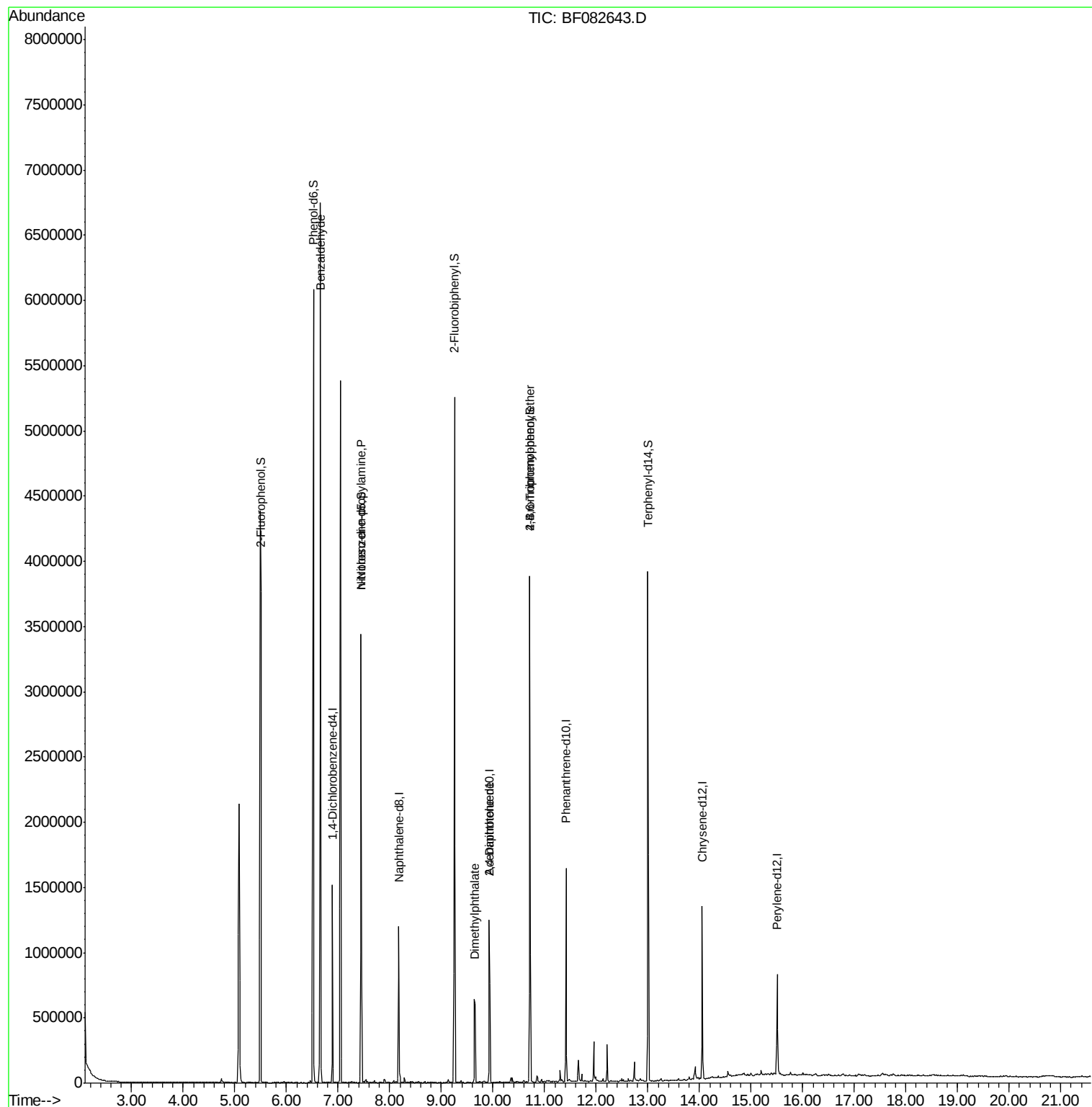
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184399	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	659763	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	295543	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	533427	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	430592	20.00	ng	-0.02
86) Perylene-d12	15.51	264	360315	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1684190	137.56	ng	0.00
7) Phenol-d6	6.52	99	2153095	132.38	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1240158	76.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	435211	134.56	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1750120	84.08	ng	-0.02
78) Terphenyl-d14	13.00	244	1337699	67.99	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	50274	4.53	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.45	70	172890	14.02	ng	# 73
49) Dimethylphthalate	9.65	163	382255	15.84	ng	96
56) 2,4-Dinitrotoluene	9.93	165	37917	5.60	ng	# 15
66) 4-Bromophenyl-phenylether	10.72	248	28534	4.72	ng	# 1

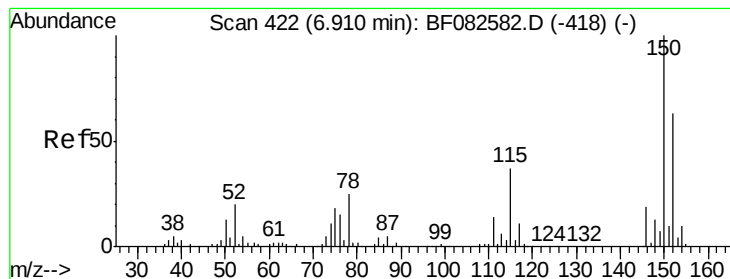
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082643.D
Acq On : 2 Nov 2015 21:03
Operator : UM/IZ
Sample : G4238-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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T-18C

Quant Time: Nov 03 02:32:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

Instrument :

BNA_F

ClientSampleId :

T-18C

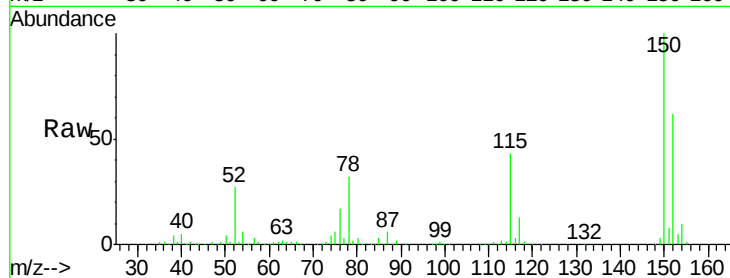
Tgt Ion:152 Resp: 184399

Ion Ratio Lower Upper

152 100

150 161.2 127.0 190.4

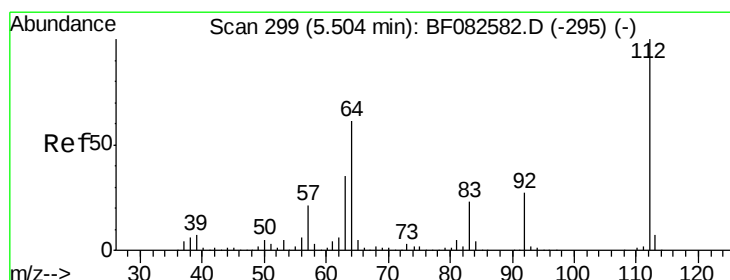
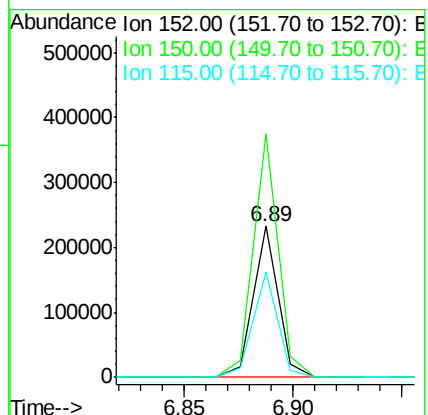
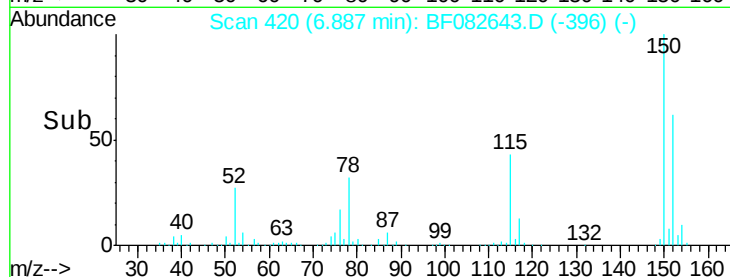
115 70.0 47.0 70.6



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: 137.56 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

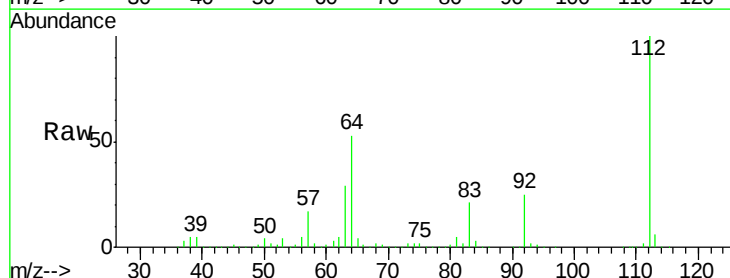
Tgt Ion:112 Resp: 1684190

Ion Ratio Lower Upper

112 100

64 53.2 48.9 73.3

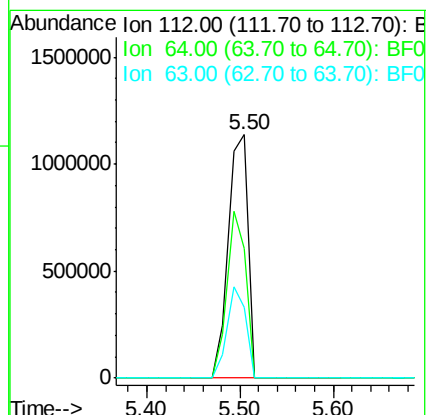
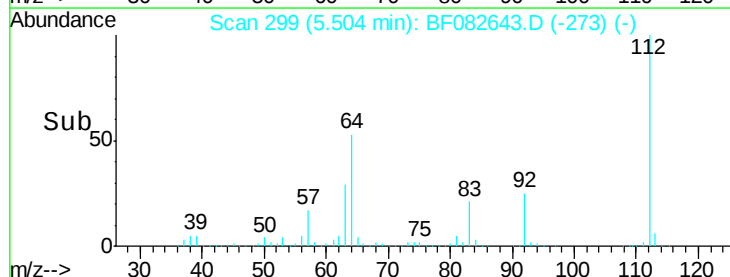
63 29.1 28.1 42.1

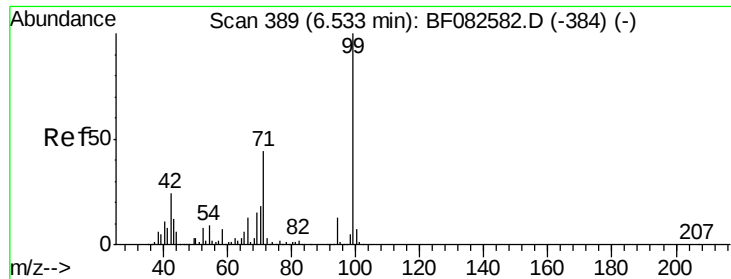


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.38 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

Instrument :

BNA_F

ClientSampleId :

T-18C

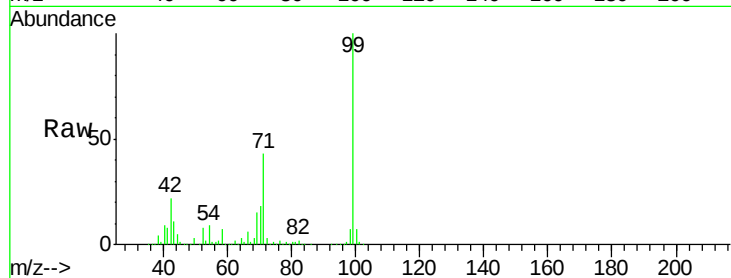
Tgt Ion: 99 Resp: 2153095

Ion Ratio Lower Upper

99 100

42 22.4 19.2 28.8

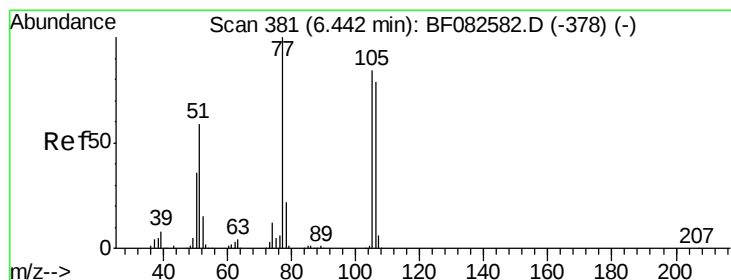
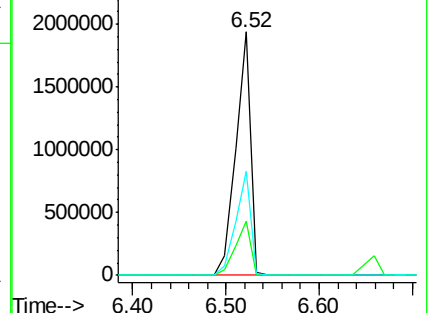
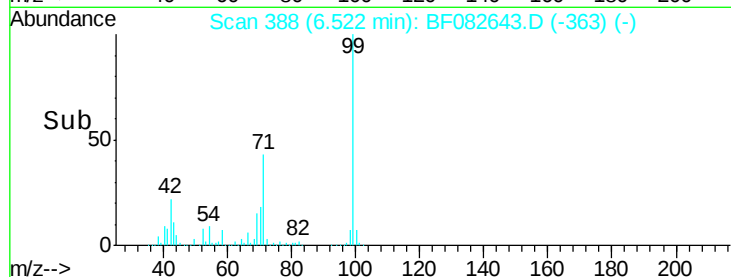
71 43.0 35.0 52.4



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: 4.53 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

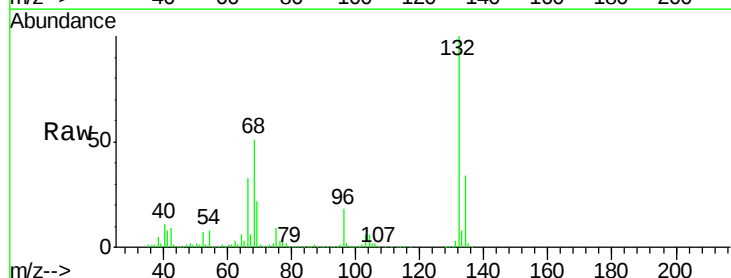
Tgt Ion: 77 Resp: 50274

Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

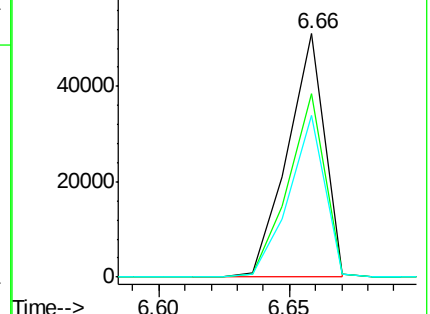
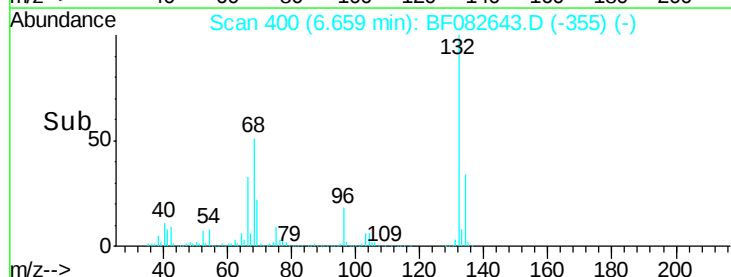
106 66.3 59.3 99.3

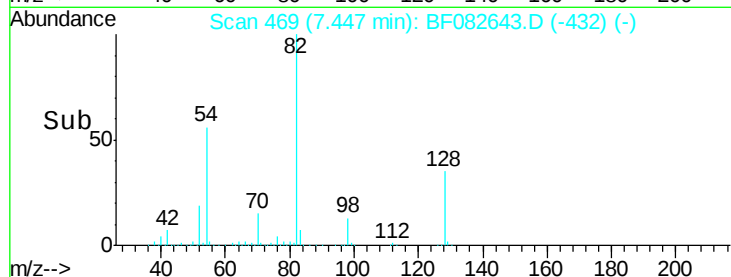
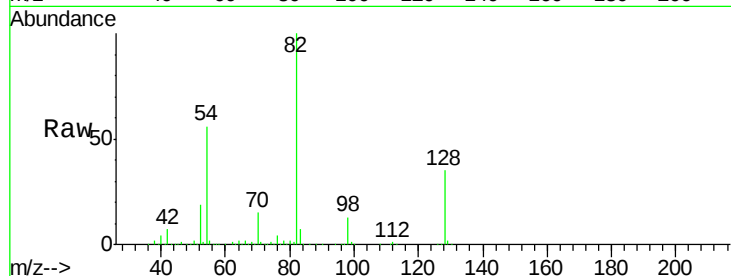
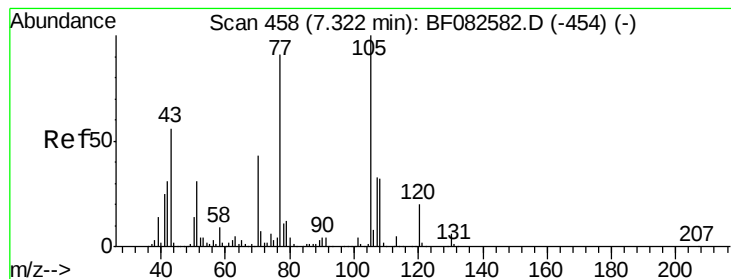


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.02 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

Instrument :

BNA_F

ClientSampled :

T-18C

Tgt Ion: 70 Resp: 172890

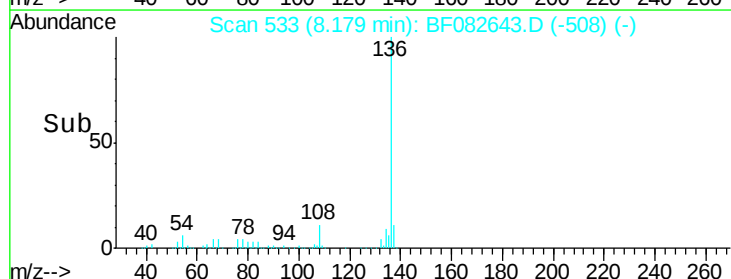
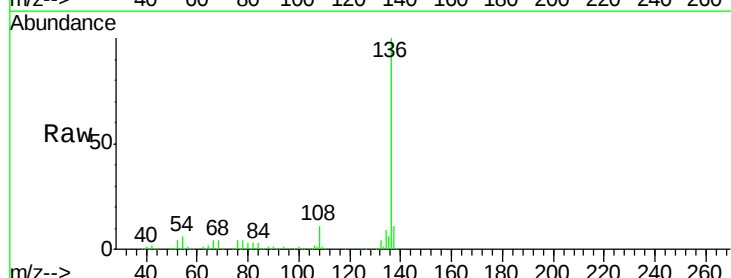
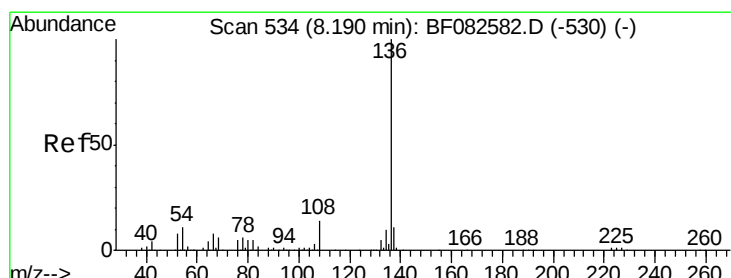
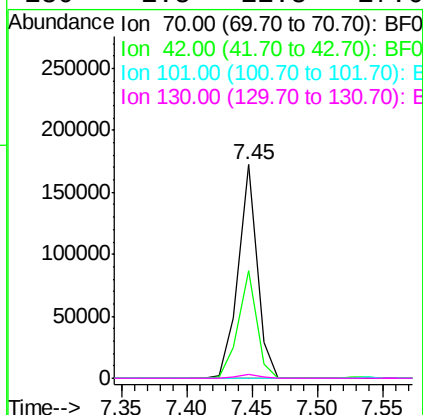
Ion Ratio Lower Upper

70 100

42 50.1 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: BF082643.D

Acq: 2 Nov 2015 21:03

Tgt Ion: 136 Resp: 659763

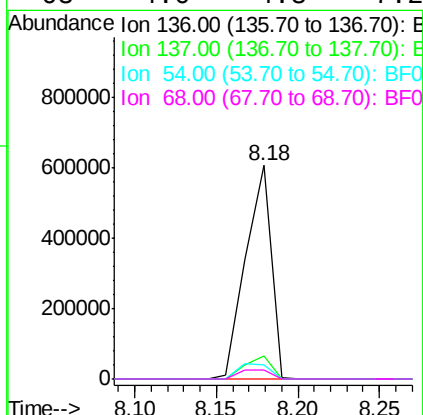
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 9.1 13.7#

68 4.0 4.8 7.2#

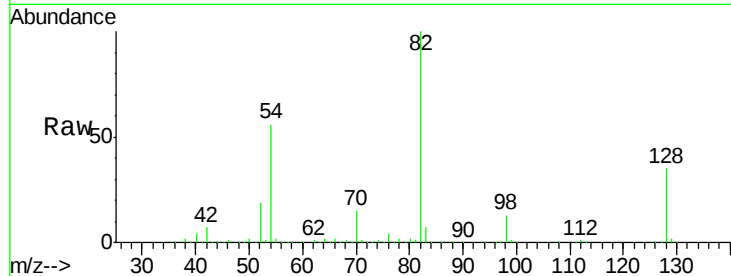




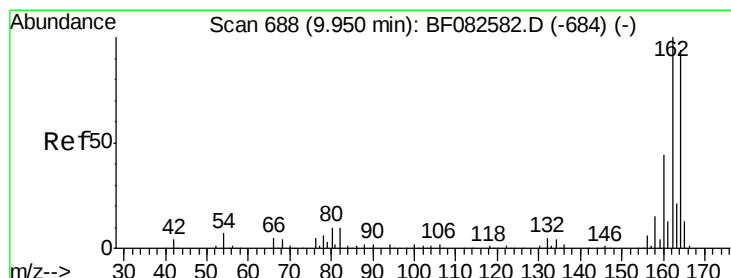
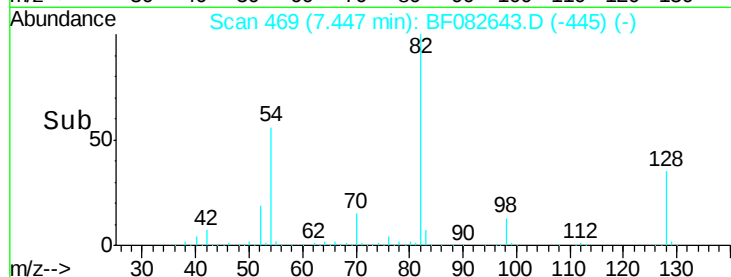
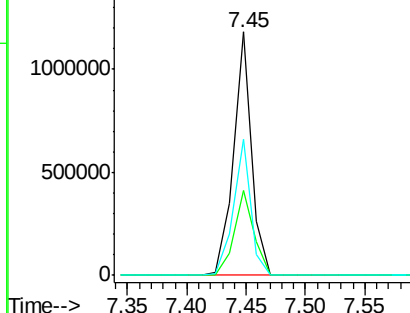
#23
 Nitrobenzene-d5
 Concen: 76.76 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF082643.D
 Acq: 2 Nov 2015 21:03

Instrument :
 BNA_F
 ClientSampleID :
 T-18C

Tgt Ion: 82 Resp: 1240158
 Ion Ratio Lower Upper
 82 100
 128 35.0 26.8 40.2
 54 55.8 45.7 68.5

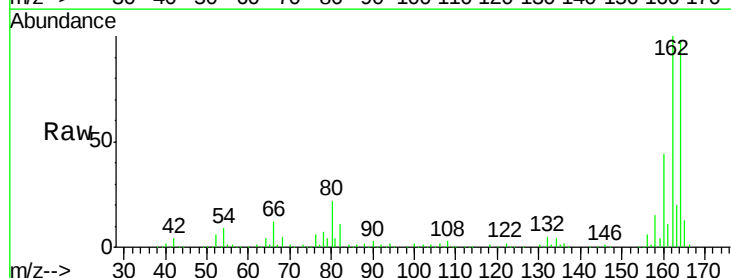


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

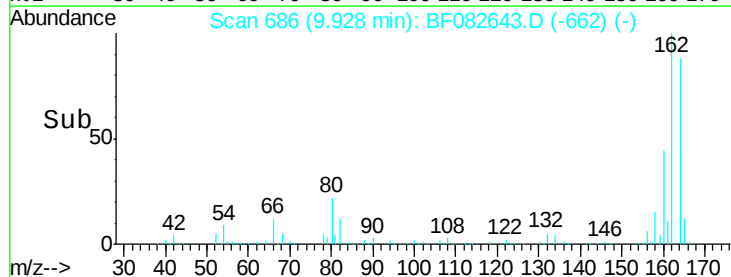
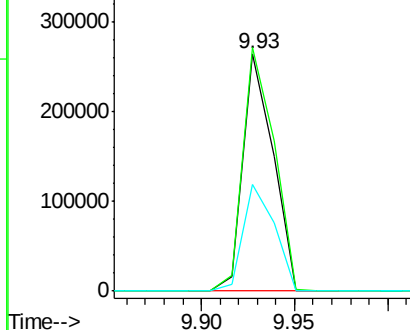


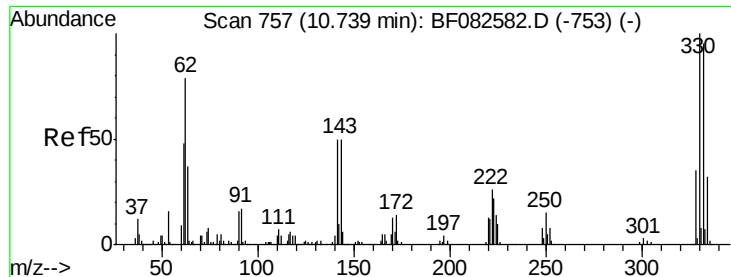
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF082643.D
 Acq: 2 Nov 2015 21:03

Tgt Ion: 164 Resp: 295543
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.9 127.3
 160 45.0 37.5 56.3



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

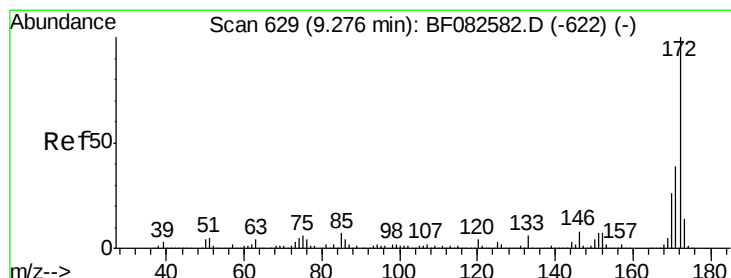
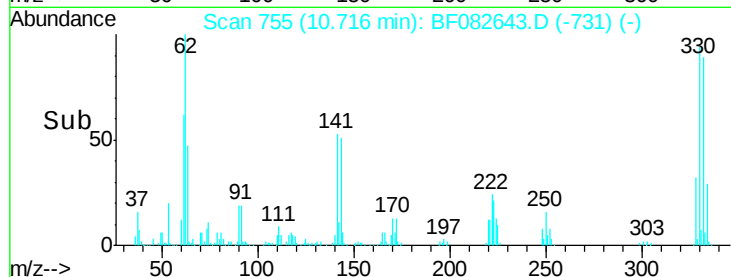
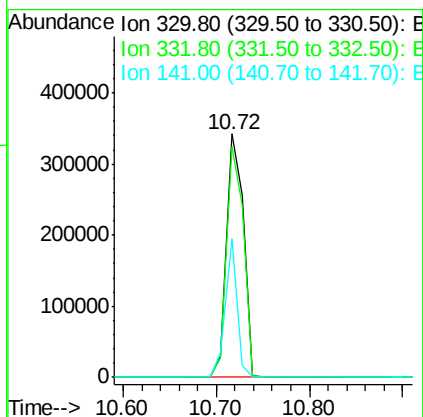
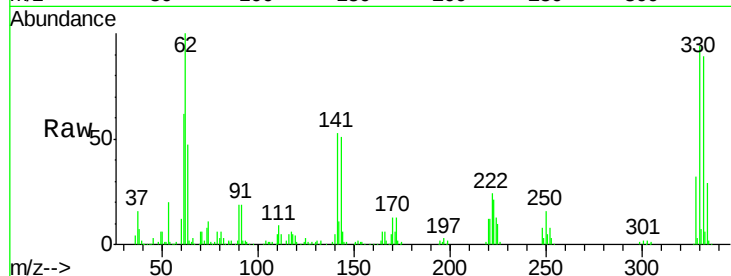




#41
 2,4,6-Tribromophenol
 Concen: 134.56 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082643.D
 Acq: 2 Nov 2015 21:03

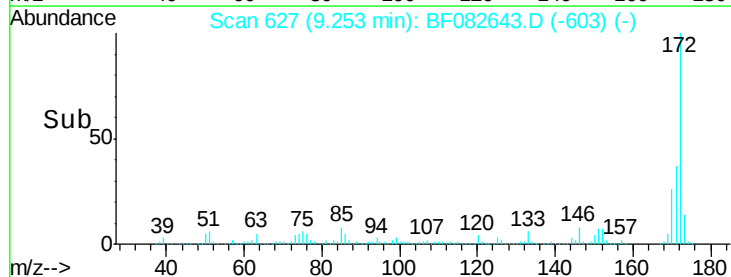
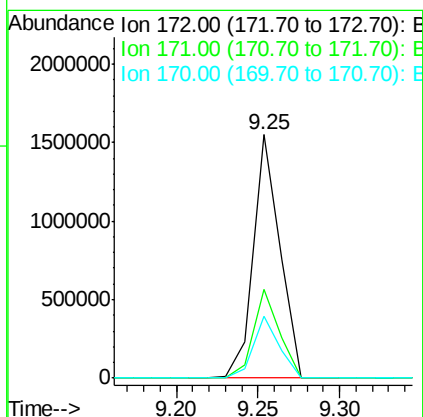
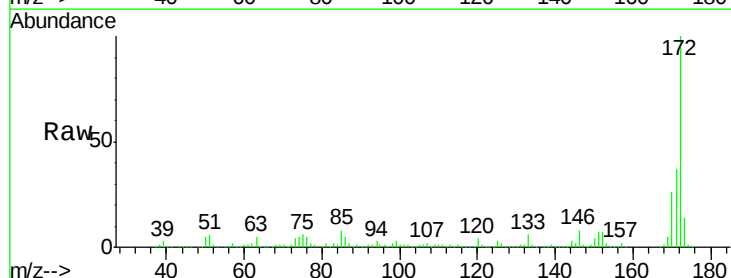
Instrument :
 BNA_F
 ClientSampleId :
 T-18C

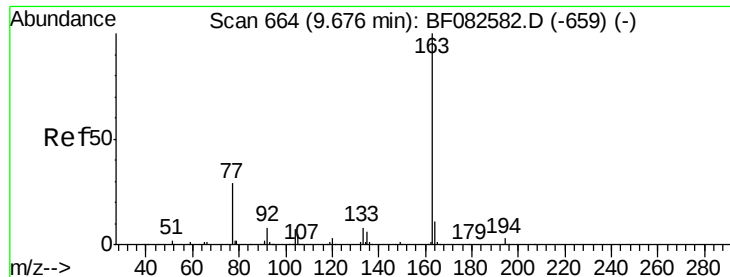
Tgt Ion:330 Resp: 435211
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 39.2 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 84.08 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082643.D
 Acq: 2 Nov 2015 21:03

Tgt Ion:172 Resp: 1750120
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 25.7 21.2 31.8





#49

Dimethylphthalate

Concen: 15.84 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

Instrument :

BNA_F

ClientSampleId :

T-18C

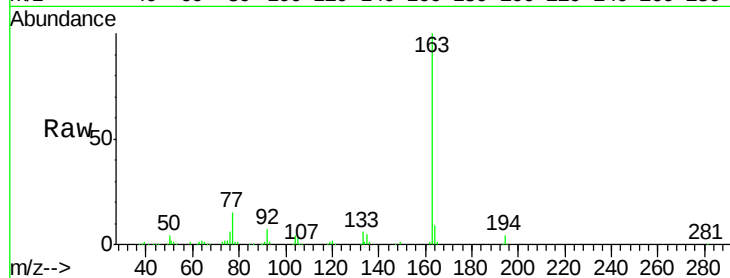
Tgt Ion:163 Resp: 382255

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

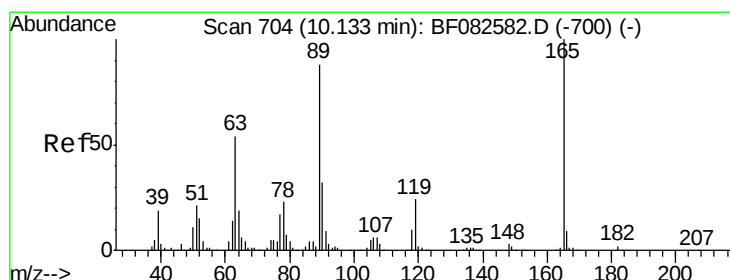
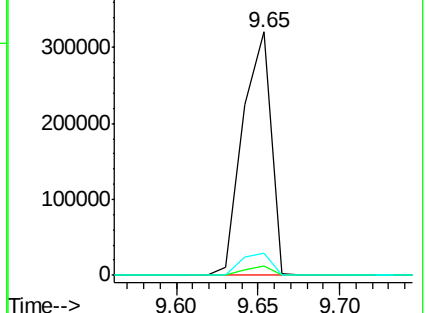
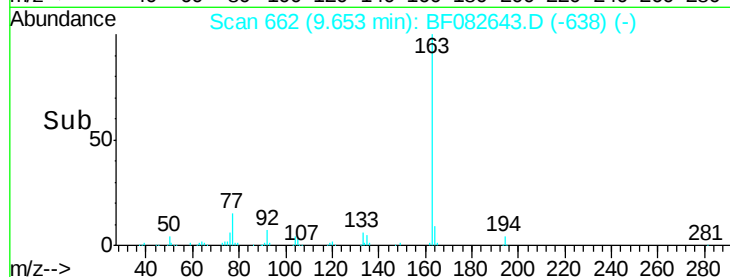
164 9.2 8.7 13.1



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: 5.60 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.21 min

Lab File: BF082643.D

Acq: 2 Nov 2015 21:03

Tgt Ion:165 Resp: 37917

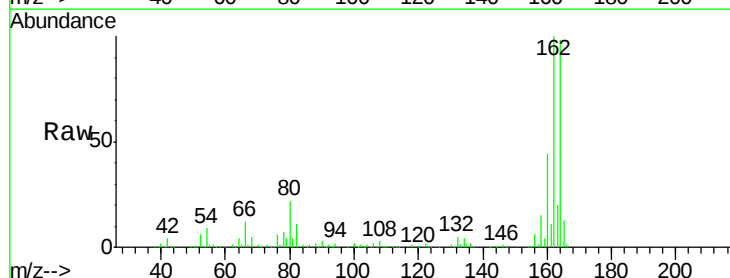
Ion Ratio Lower Upper

165 100

63 0.9 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

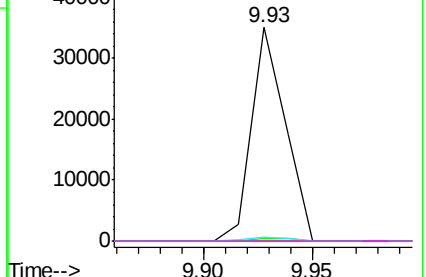
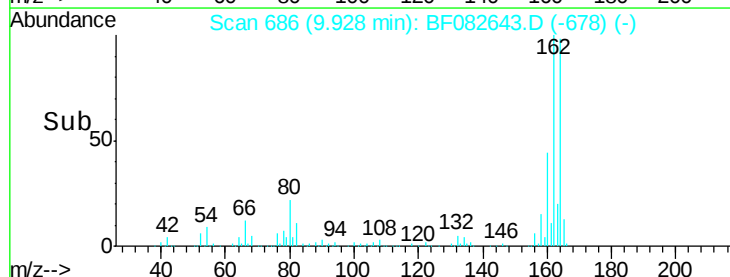


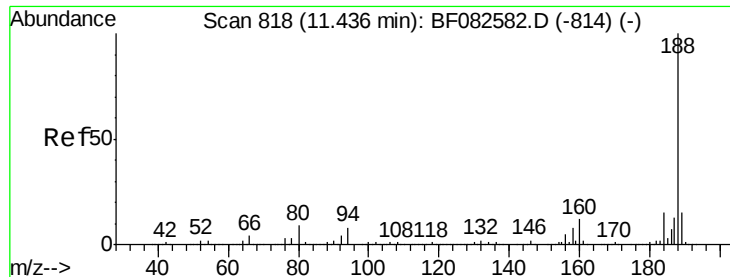
Abundance Ion 165.00 (164.70 to 165.70): E

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

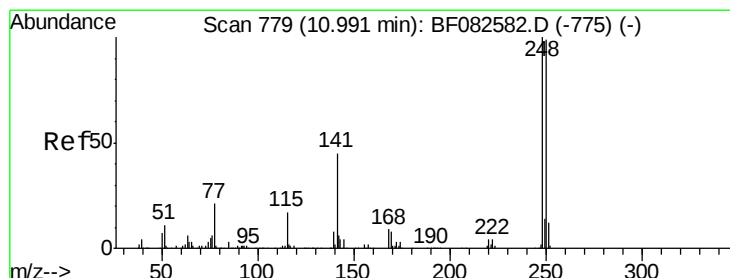
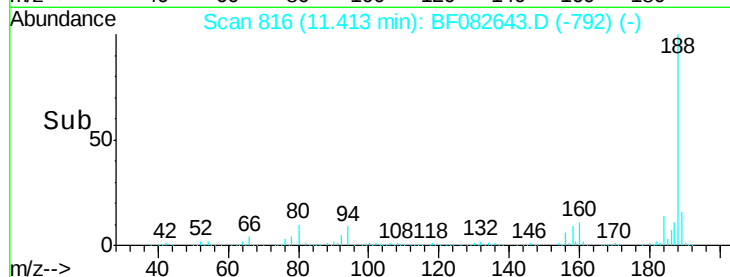
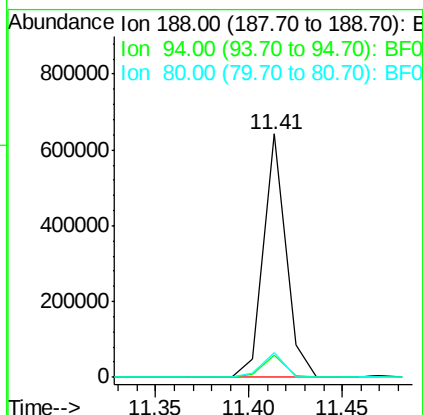
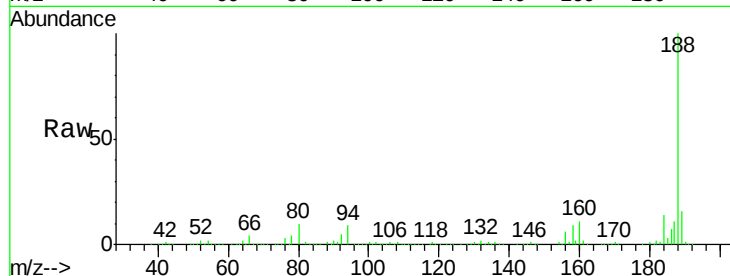




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082643.D
Acq: 2 Nov 2015 21:03

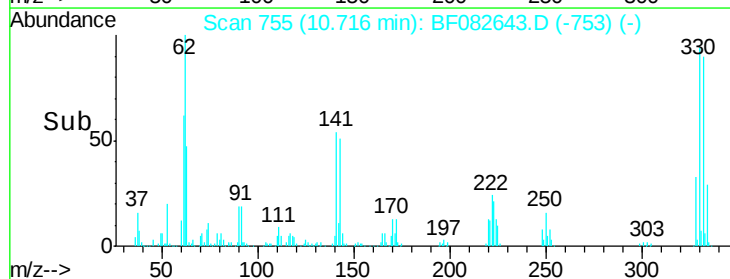
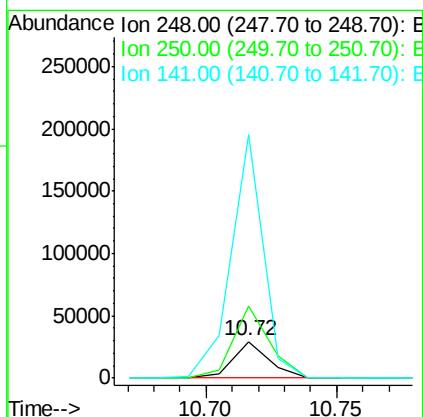
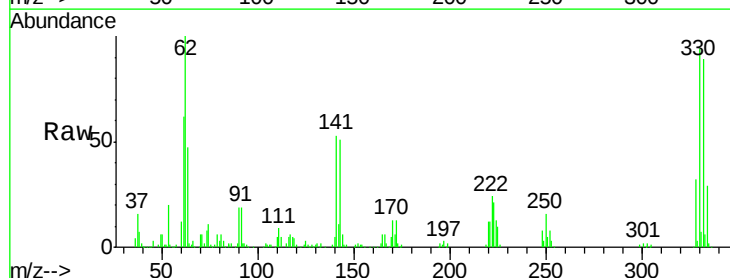
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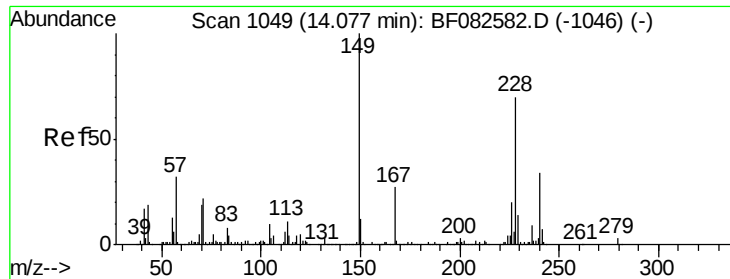
Tgt Ion:188 Resp: 533427
Ion Ratio Lower Upper
188 100
94 9.1 6.1 9.1
80 10.0 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF082643.D
Acq: 2 Nov 2015 21:03

Tgt Ion:248 Resp: 28534
Ion Ratio Lower Upper
248 100
250 197.2 79.4 119.2#
141 666.2 36.3 54.5#

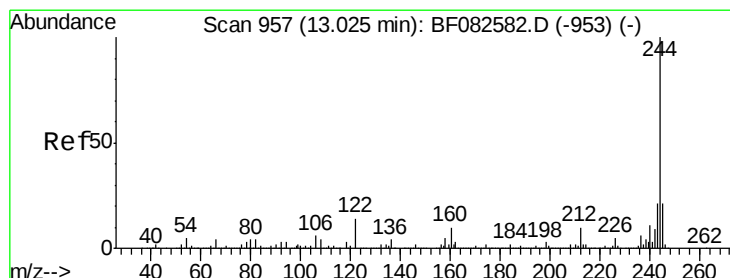
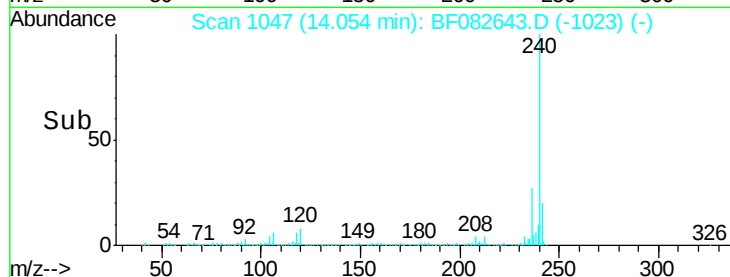
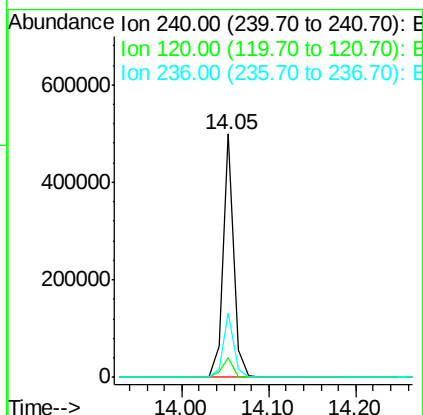
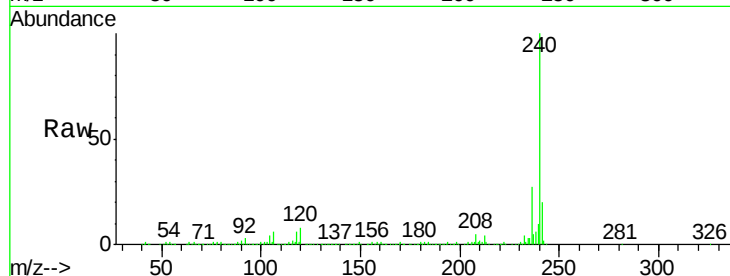




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF082643.D
Acq: 2 Nov 2015 21:03

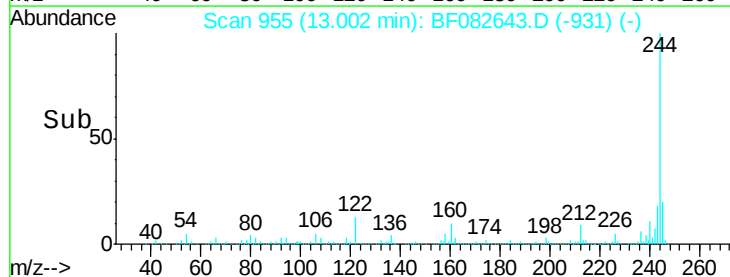
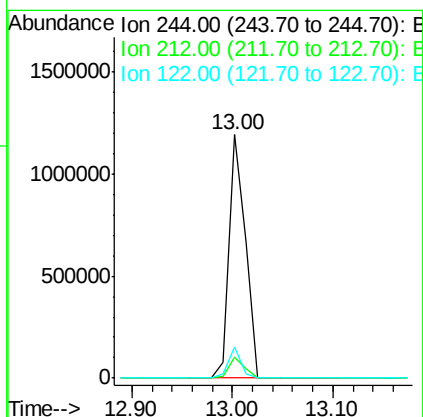
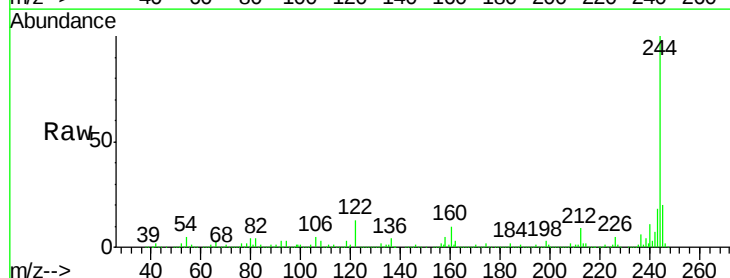
Instrument :
BNA_F
ClientSampleId :
T-18C

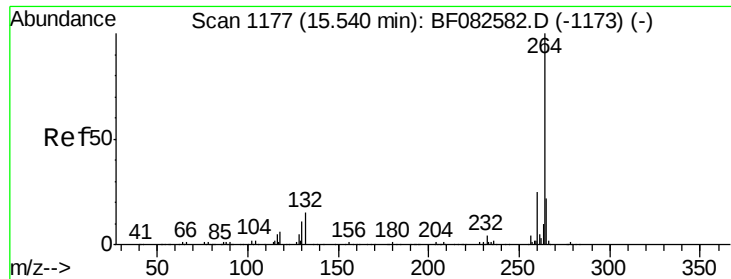
Tgt Ion:240 Resp: 430592
Ion Ratio Lower Upper
240 100
120 8.0 10.9 16.3#
236 26.6 21.6 32.4



#78
Terphenyl-d14
Concen: 67.99 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF082643.D
Acq: 2 Nov 2015 21:03

Tgt Ion:244 Resp: 1337699
Ion Ratio Lower Upper
244 100
212 8.6 7.6 11.4
122 12.9 11.3 16.9

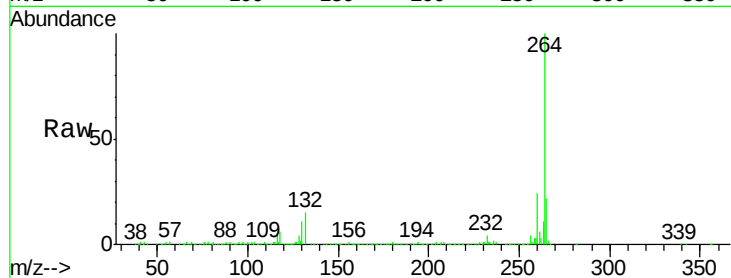




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082643.D
Acq: 2 Nov 2015 21:03

Instrument :
BNA_F
ClientSampleId :
T-18C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.6	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

