

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082435.D
 Acq On : 22 Oct 2015 7:01
 Operator : UM/IZ
 Sample : G4117-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)

Quant Time: Oct 22 13:18:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

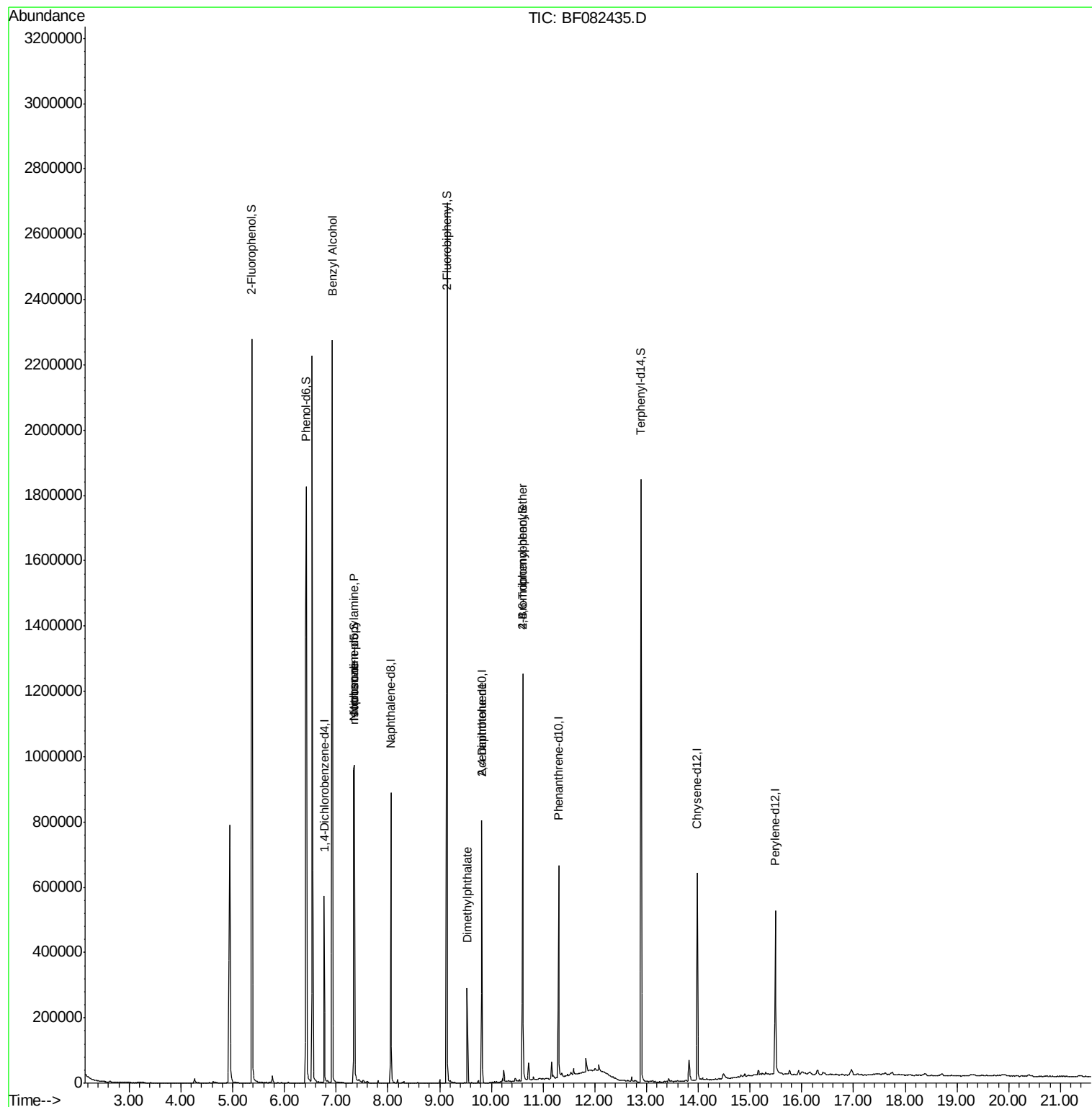
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	100453	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	382576	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	171782	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	273472	20.00	ng	0.00
75) Chrysene-d12	13.98	240	244970	20.00	ng	-0.03
86) Perylene-d12	15.49	264	237477	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	658134	132.23	ng	0.01
7) Phenol-d6	6.42	99	891387	137.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	519791	91.24	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	125677	78.01	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	984384	95.03	ng	0.00
78) Terphenyl-d14	12.89	244	586051	63.40	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	9392	2.10	ng	# 48
19) n-Nitroso-di-n-propylamine	7.34	70	66835	14.69	ng	# 81
25) Isophorone	7.35	82	491827	42.77	ng	# 66
49) Dimethylphthalate	9.53	163	149357	12.35	ng	99
56) 2,4-Dinitrotoluene	9.82	165	21699	6.80	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	10069	3.68	ng	# 1

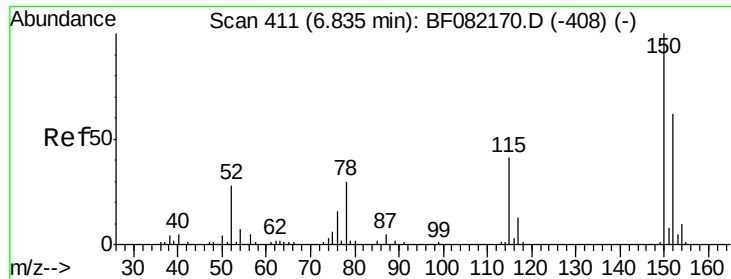
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082435.D

Acq: 22 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)

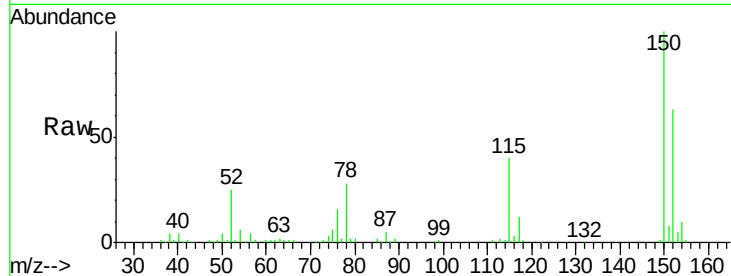
Tot Ion:152 Resp: 100453

Ion Ratio Lower Upper

152 100

150 159.8 129.0 193.4

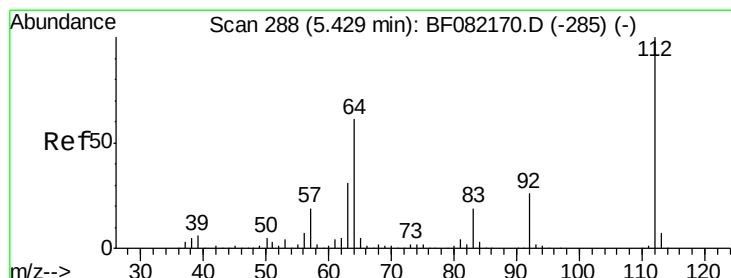
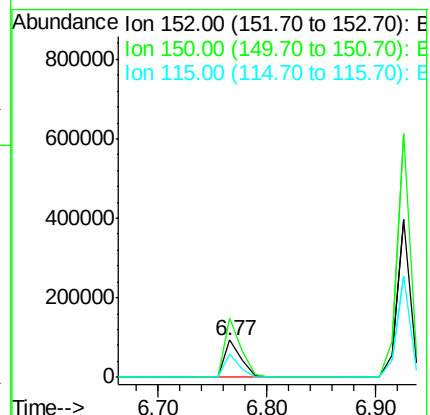
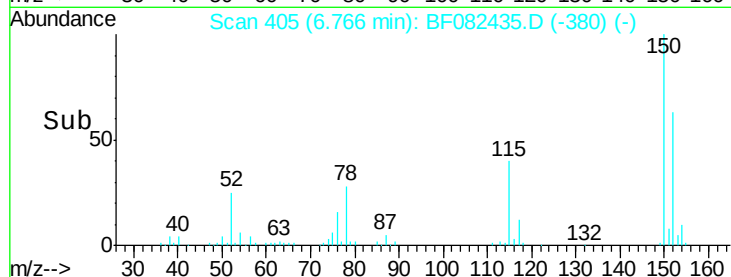
115 63.3 52.1 78.1



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: 132.23 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082435.D

Acq: 22 Oct 2015 7:01

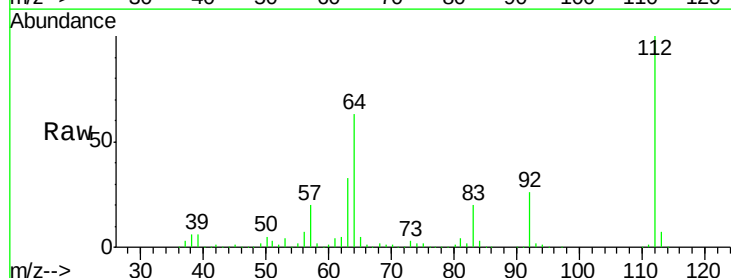
Tgt Ion:112 Resp: 658134

Ion Ratio Lower Upper

112 100

64 63.3 48.6 73.0

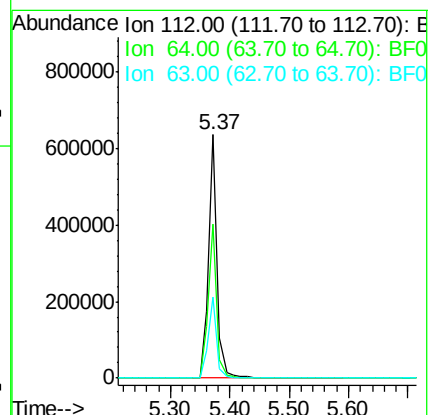
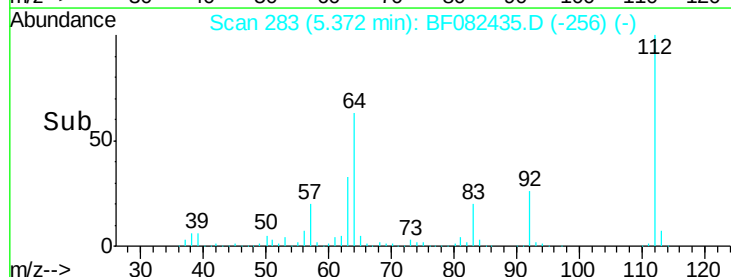
63 33.1 25.1 37.7

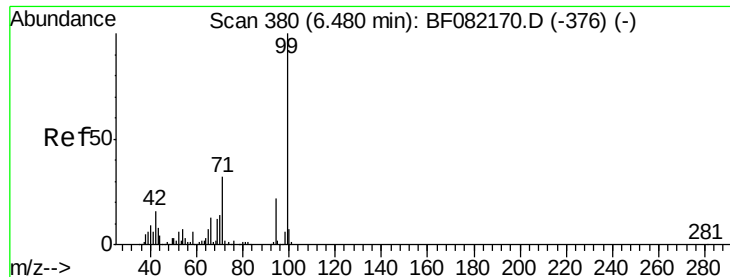


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.62 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082435.D

Acq: 22 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)

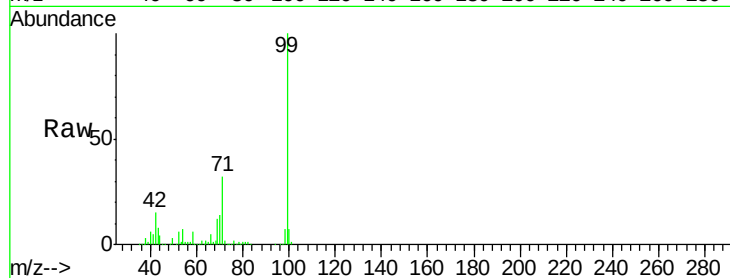
Tot Ion: 99 Resp: 891387

Ion Ratio Lower Upper

99 100

42 15.2 13.2 19.8

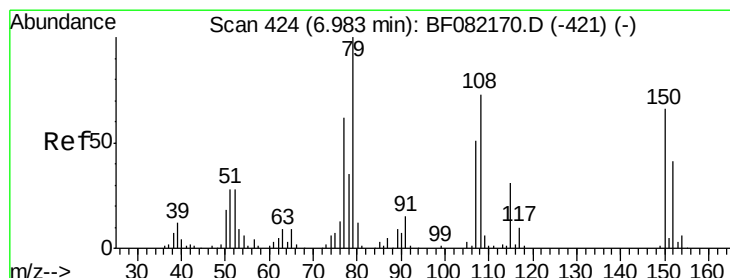
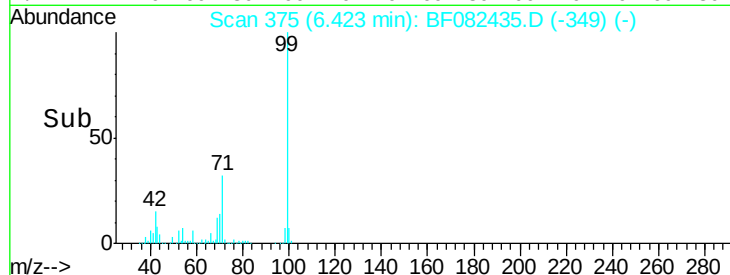
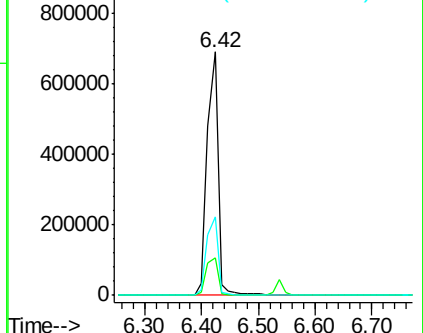
71 32.4 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082435.D

Acq: 22 Oct 2015 7:01

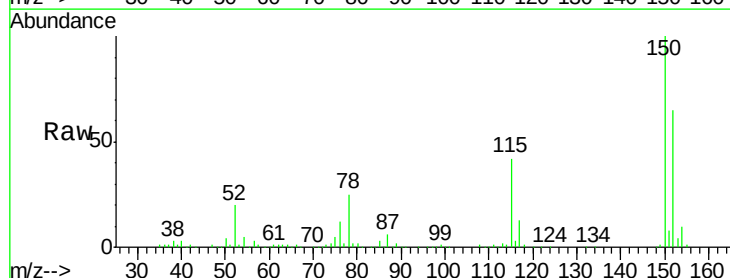
Tgt Ion: 79 Resp: 9392

Ion Ratio Lower Upper

79 100

108 33.4 58.4 87.6#

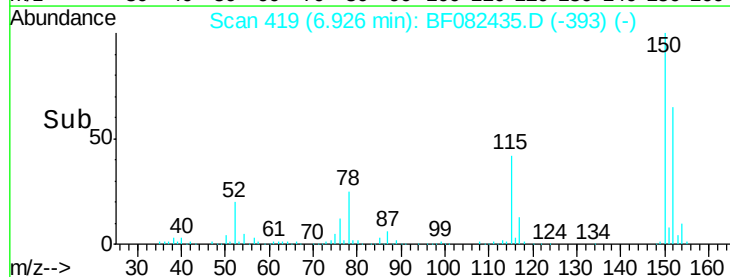
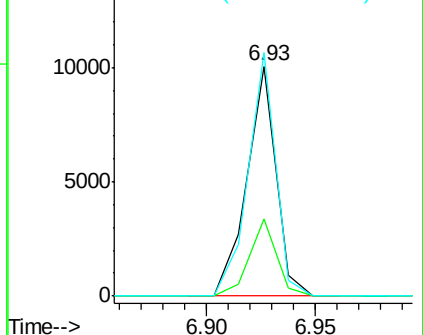
77 105.9 49.8 74.6#

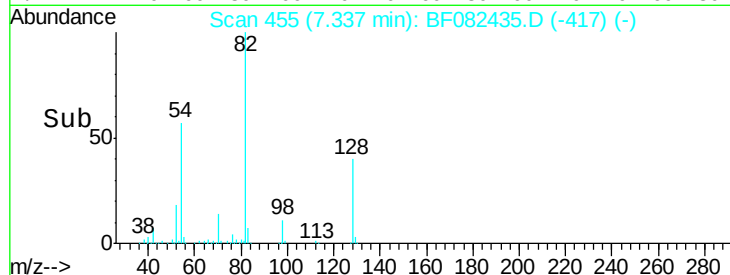
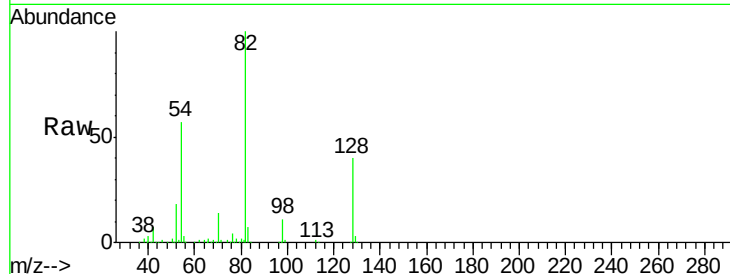
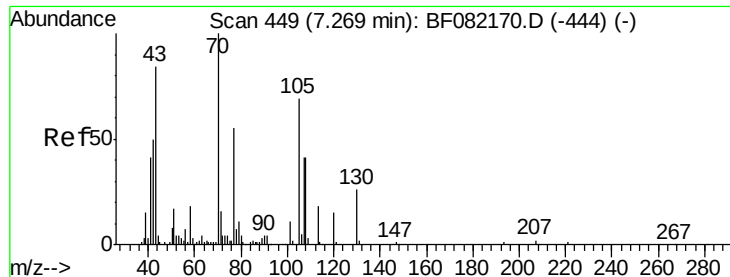


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

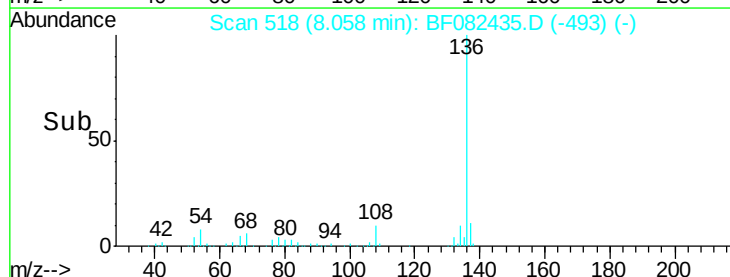
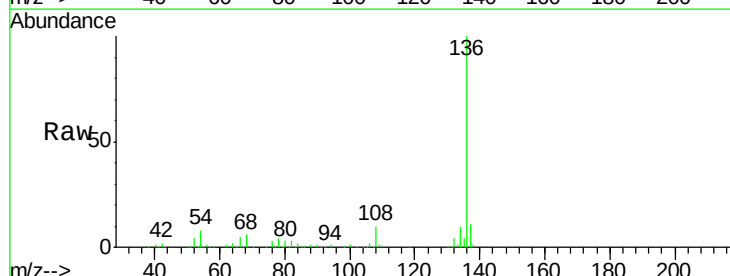
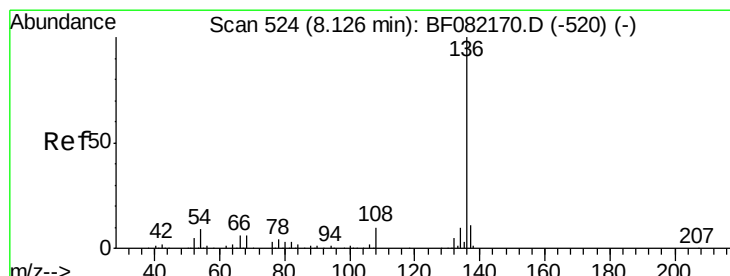
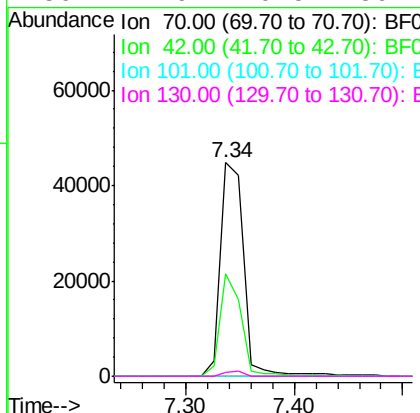




#19
n-Nitroso-di-n-propylamine
Concen: 14.69 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082435.D
Acq: 22 Oct 2015 7:01

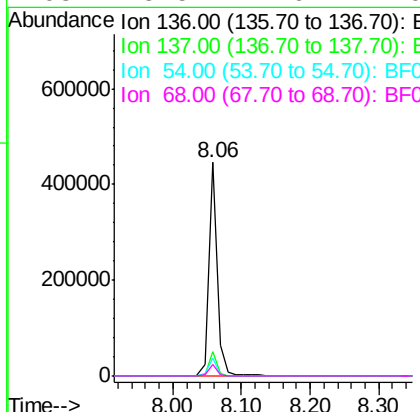
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)

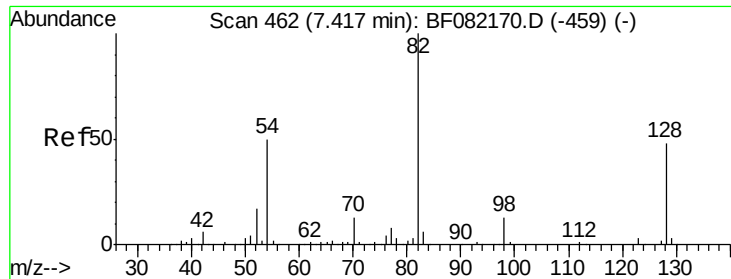
Tot Ion: 70 Resp: 66835
Ion Ratio Lower Upper
70 100
42 47.9 39.8 59.8
101 0.0 8.6 13.0#
130 1.9 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082435.D
Acq: 22 Oct 2015 7:01

Tgt Ion: 136 Resp: 382576
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.3 7.5 11.3
68 5.5 4.6 7.0

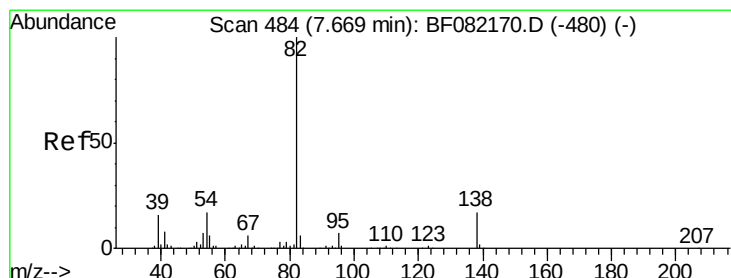
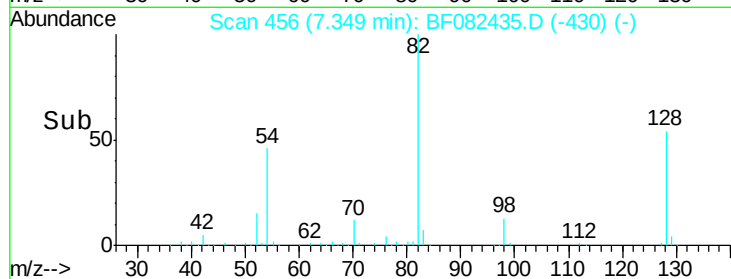
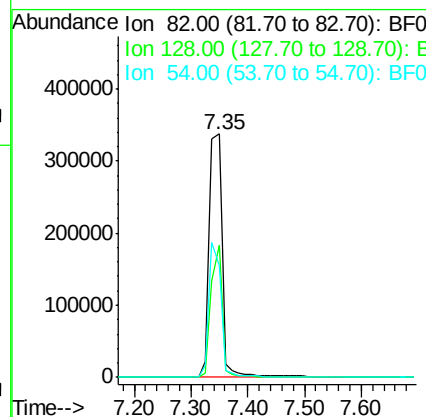
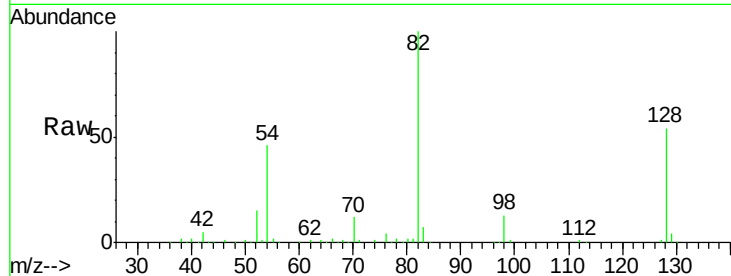




#23
 Nitrobenzene-d5
 Concen: 91.24 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

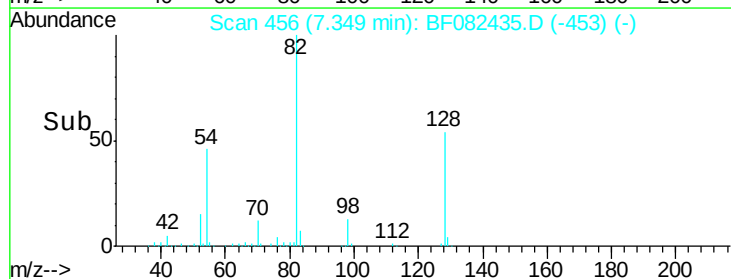
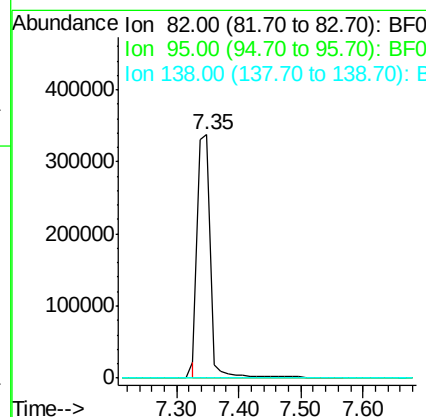
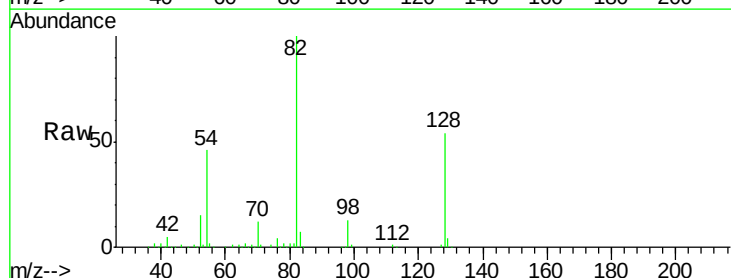
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)

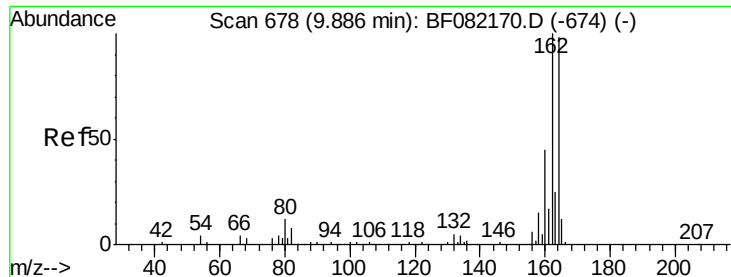
Tot Ion: 82 Resp: 519791
 Ion Ratio Lower Upper
 82 100
 128 54.4 38.7 58.1
 54 45.7 40.1 60.1



#25
 Isophorone
 Concen: 42.77 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.26 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Tgt Ion: 82 Resp: 491827
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#

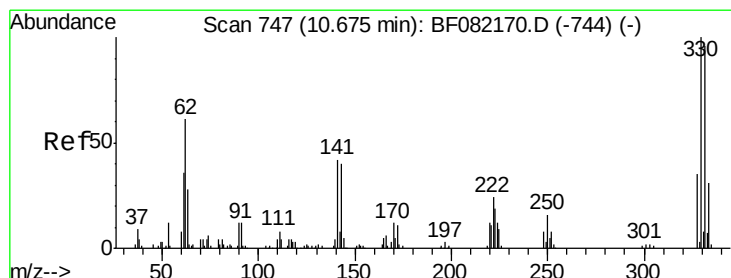
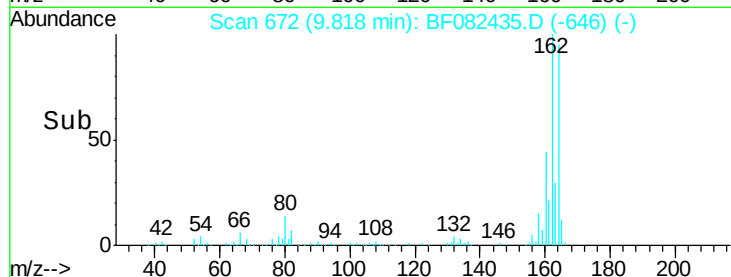
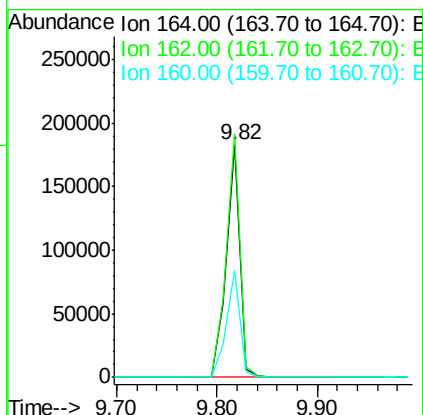
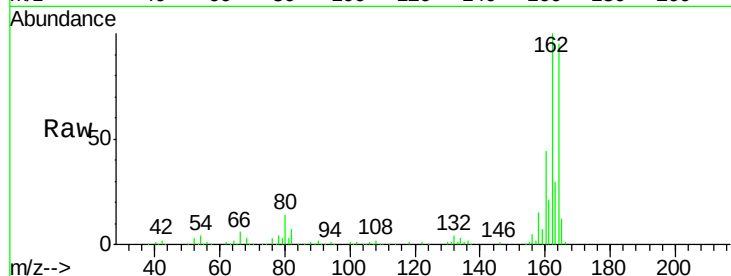




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

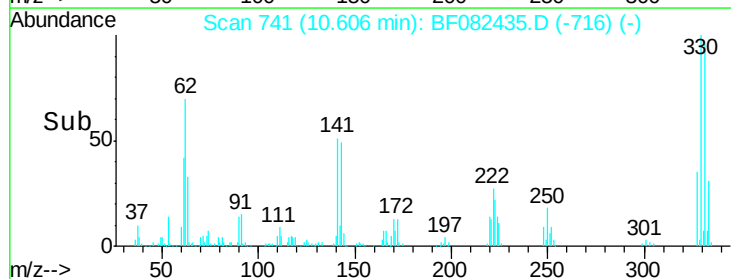
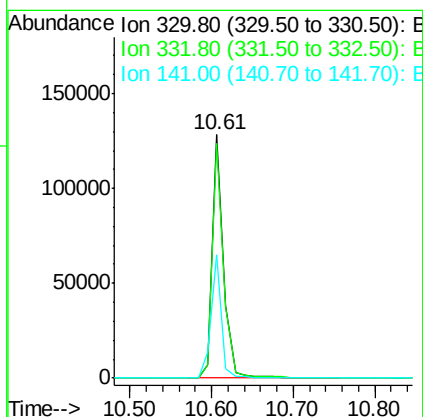
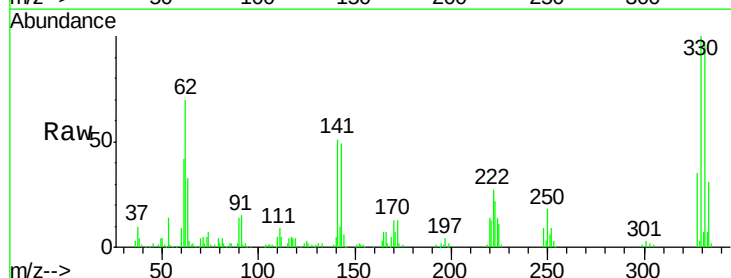
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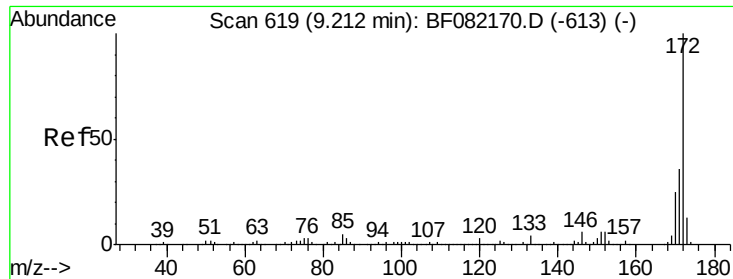
Tot Ion:164 Resp: 171782
 Ion Ratio Lower Upper
 164 100
 162 104.9 81.6 122.4
 160 45.9 36.4 54.6



#41
 2,4,6-Tribromophenol
 Concen: 78.01 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Tgt Ion:330 Resp: 125677
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 47.0 29.8 44.8#

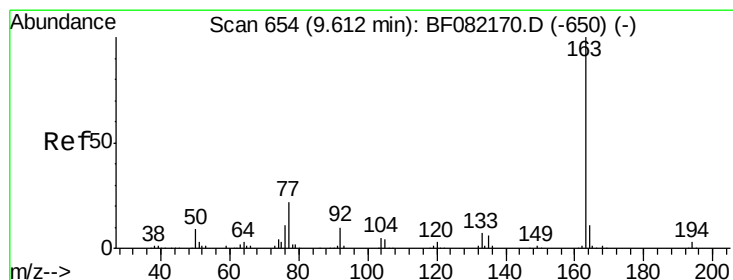
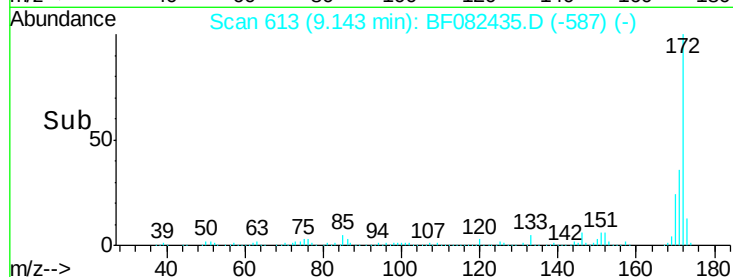
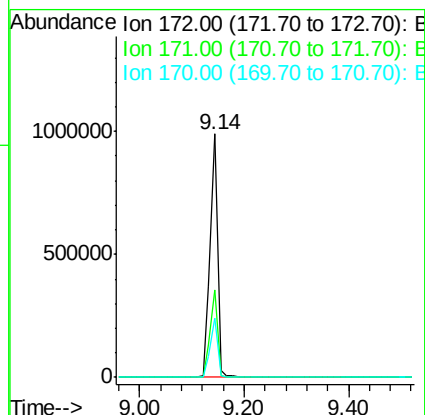
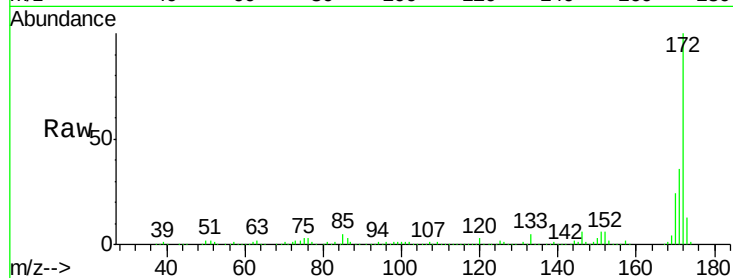




#44
2-Fluorobiphenyl
Concen: 95.03 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082435.D
Acq: 22 Oct 2015 7:01

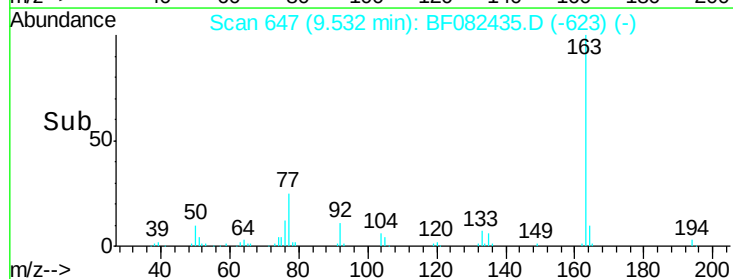
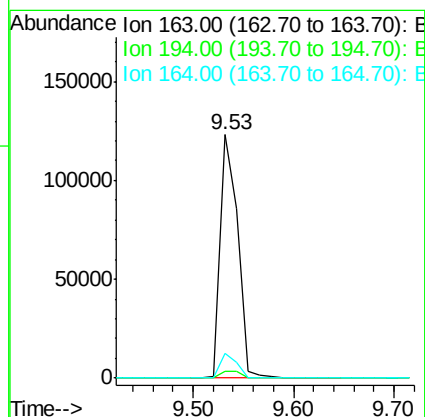
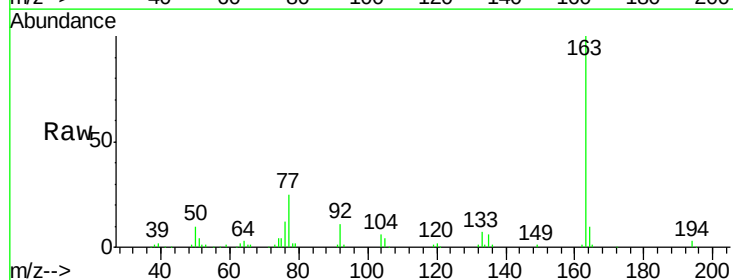
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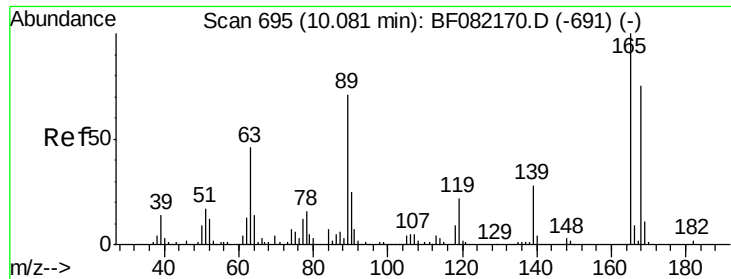
Tot Ion:172 Resp: 984384
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.5 19.7 29.5



#49
Dimethylphthalate
Concen: 12.35 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082435.D
Acq: 22 Oct 2015 7:01

Tgt Ion:163 Resp: 149357
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.5 12.7

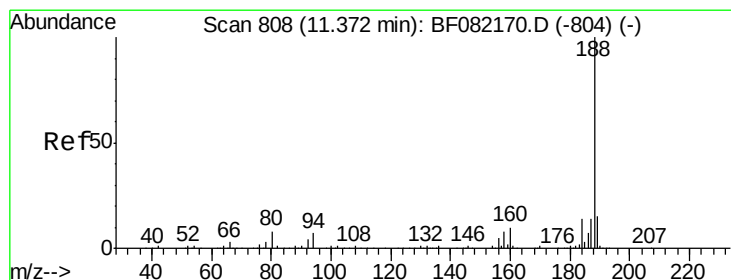
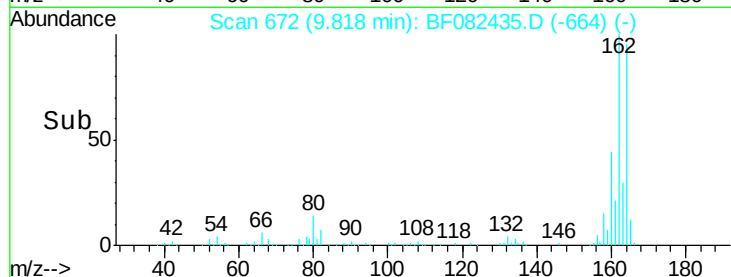
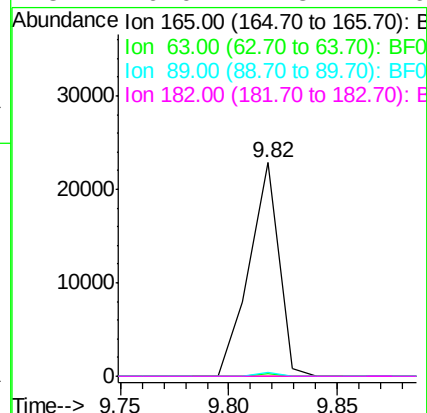
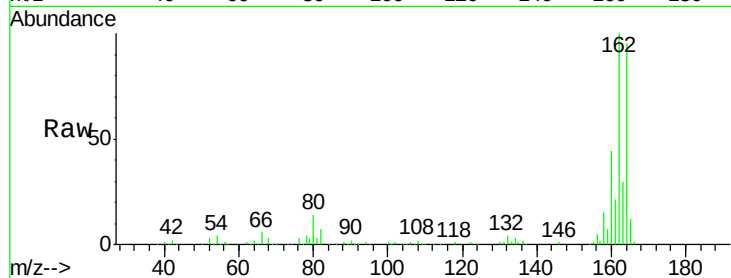




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

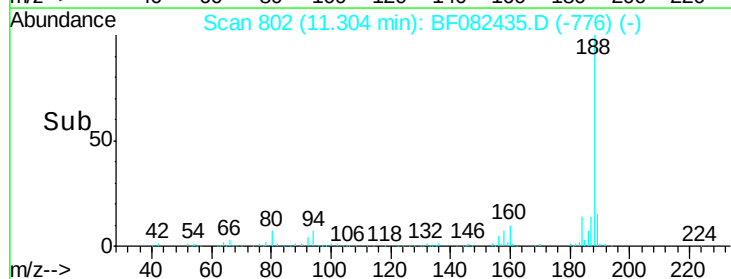
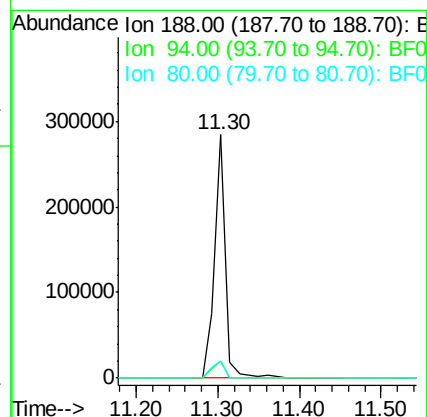
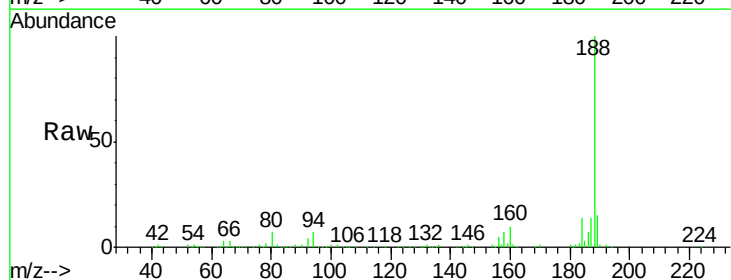
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)

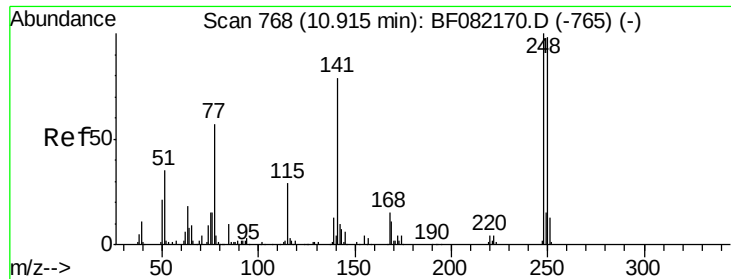
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	1.6	57.0	85.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	7.1	6.4	9.6

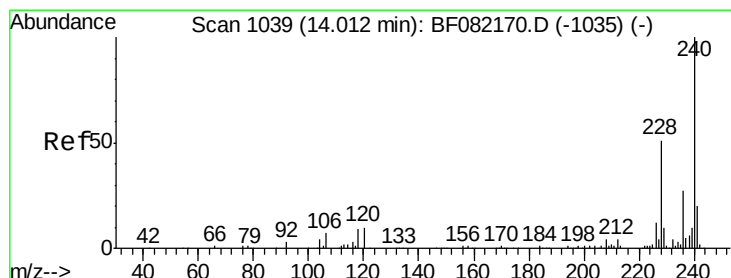
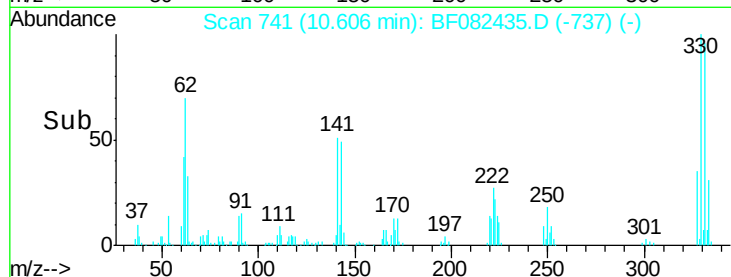
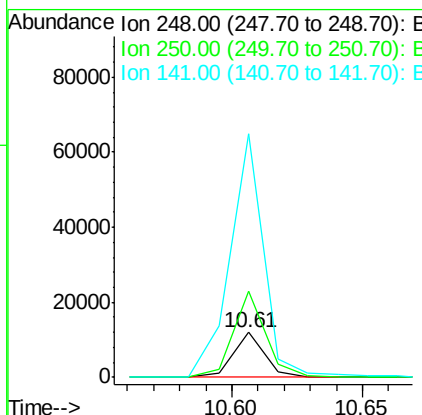
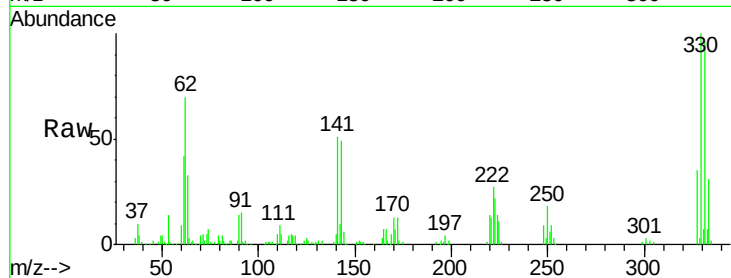




#66
 4-Bromophenyl-phenylether
 Concen: 3.68 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

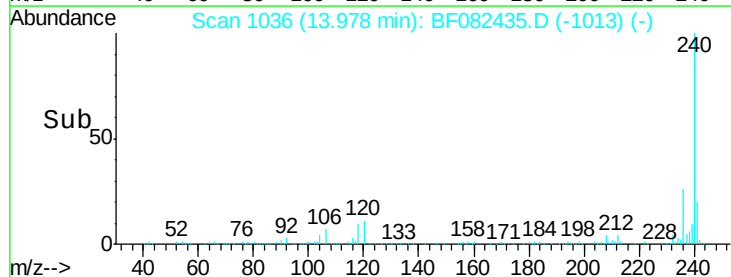
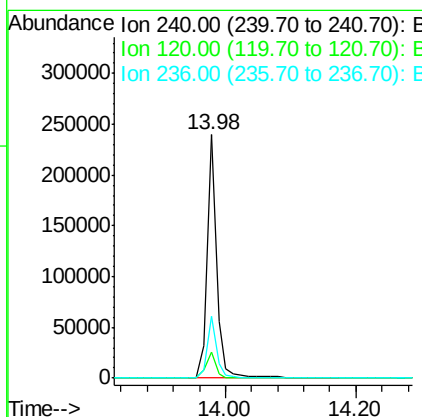
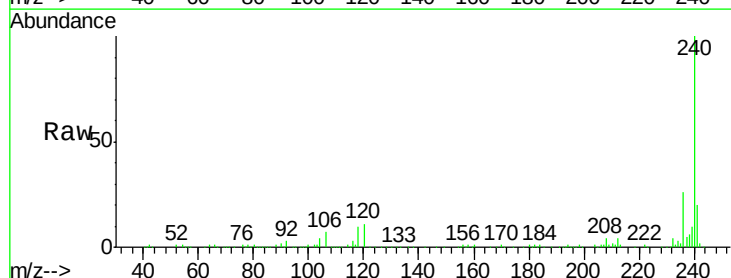
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)

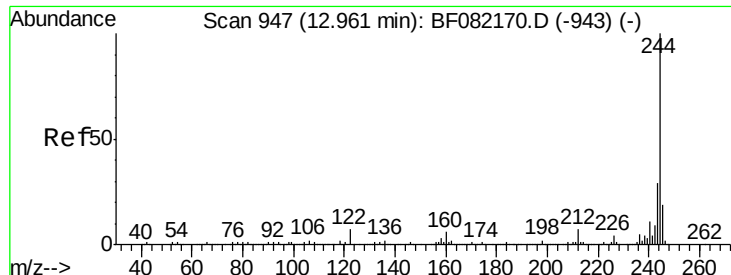
Tot Ion:248 Resp: 10069
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.6 117.8#
 141 544.5 63.3 94.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Tgt Ion:240 Resp: 244970
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 25.6 21.3 31.9

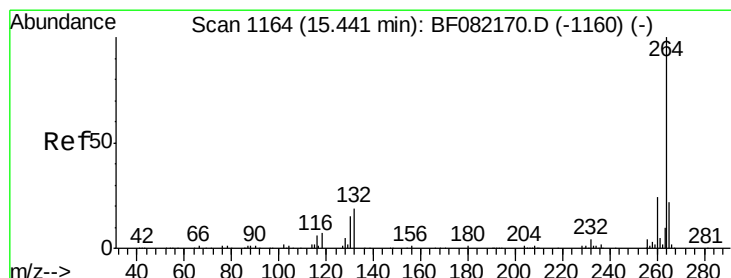
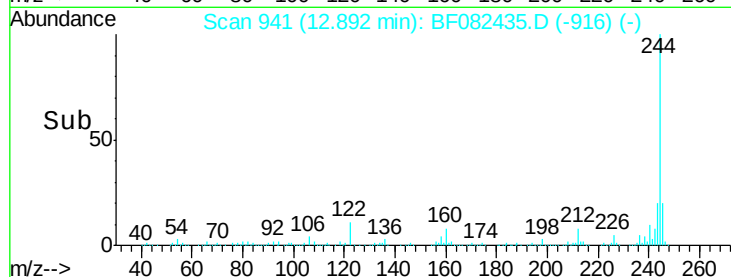
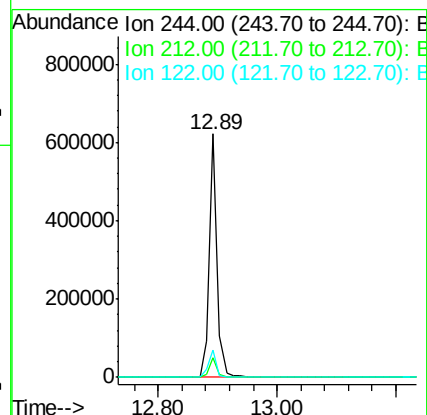
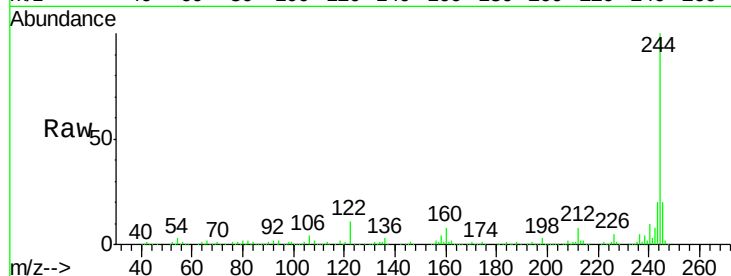




#78
 Terphenyl-d14
 Concen: 63.40 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	11.4	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF082435.D
 Acq: 22 Oct 2015 7:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.6
265	22.1	17.3	25.9

