

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083830.D
 Acq On : 15 Dec 2015 23:03
 Operator : UM/IZ
 Sample : G4782-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-M

Quant Time: Dec 16 00:56:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

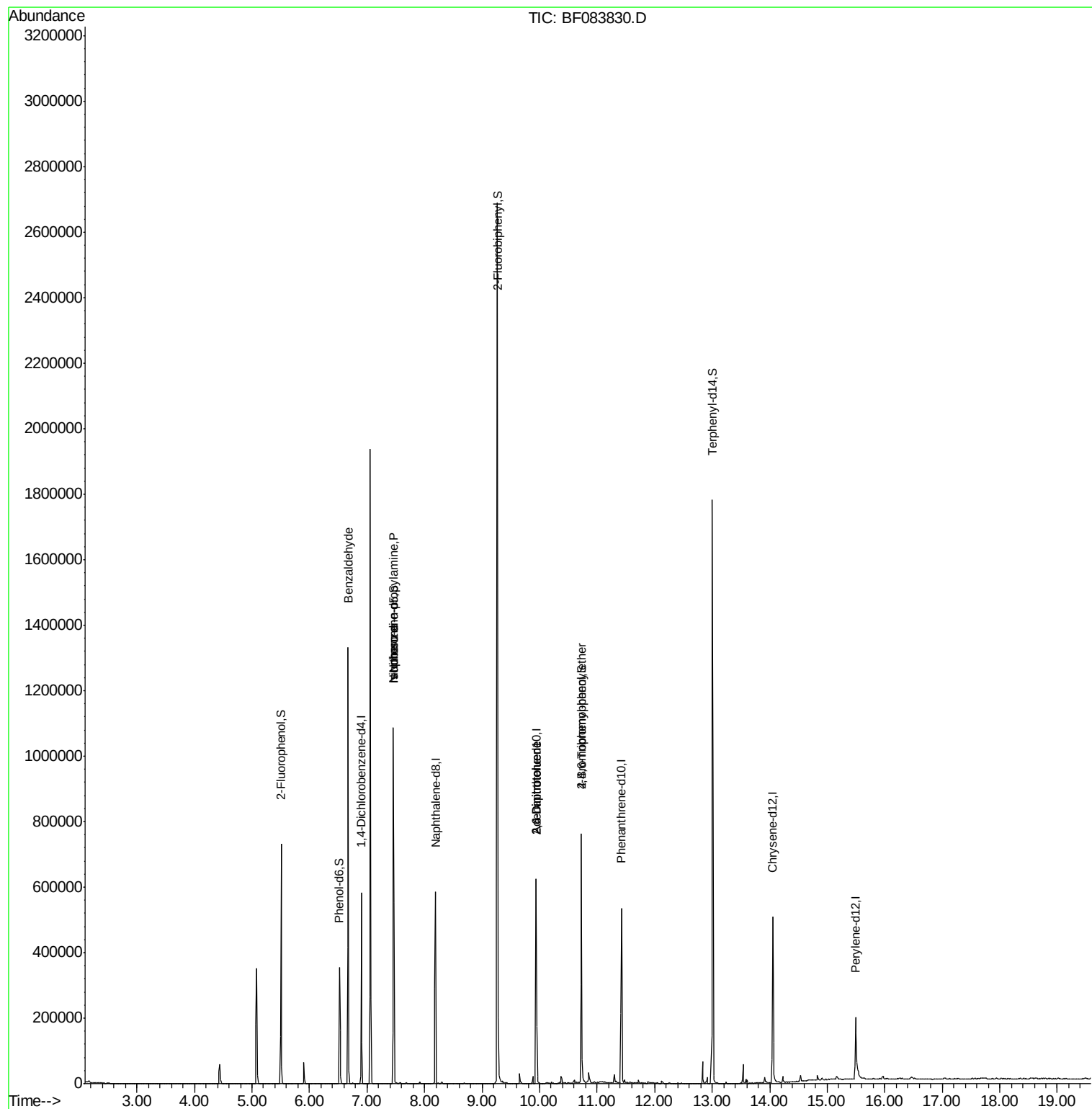
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	87145	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	321776	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	133263	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	220653	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	190318	20.00	ng	-0.02
86) Perylene-d12	15.49	264	131660	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	196261	36.33	ng	-0.02
7) Phenol-d6	6.52	99	139956	20.46	ng	-0.02
23) Nitrobenzene-d5	7.46	82	440932	76.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	104948	77.29	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	850782	98.29	ng	-0.02
78) Terphenyl-d14	13.00	244	699091	79.01	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	7672	2.09	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	57334	13.69	ng	# 72
25) Isophorone	7.46	82	399431	35.40	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	16804	7.62	ng	# 16
56) 2,4-Dinitrotoluene	9.94	165	16805	5.83	ng	# 11
66) 4-Bromophenyl-phenylether	10.73	248	7396	3.00	ng	# 1

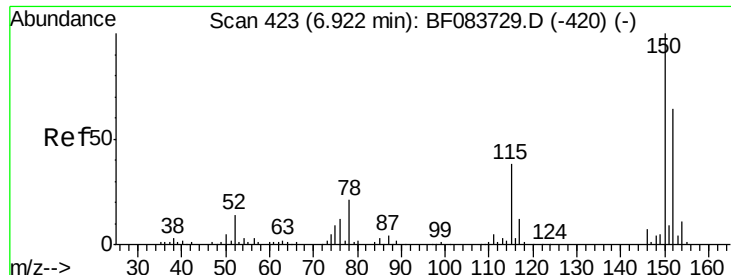
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
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Acq On : 15 Dec 2015 23:03
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Sample : G4782-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-D-M

Quant Time: Dec 16 00:56:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-M

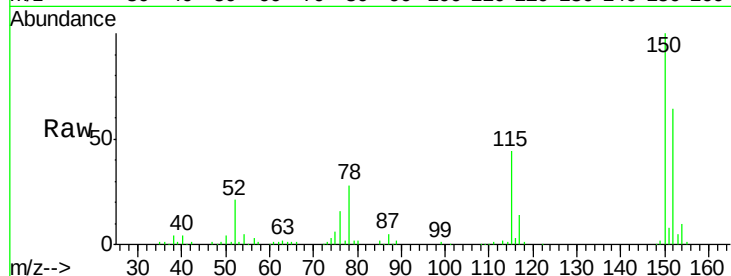
Tgt Ion:152 Resp: 87145

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

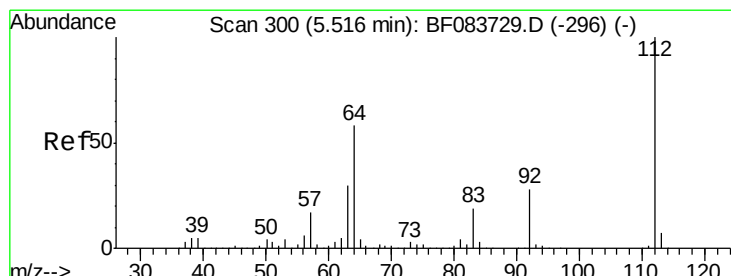
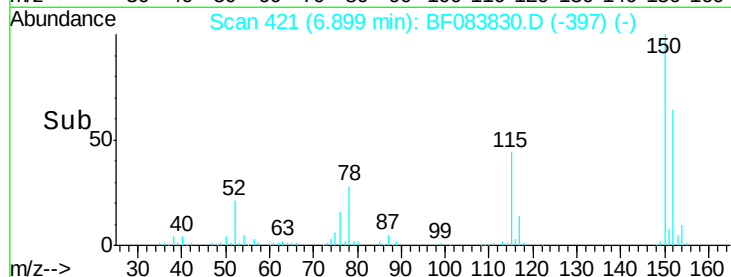
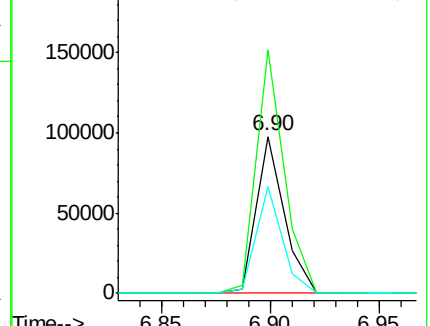
115 68.3 52.3 78.5



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: 36.33 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

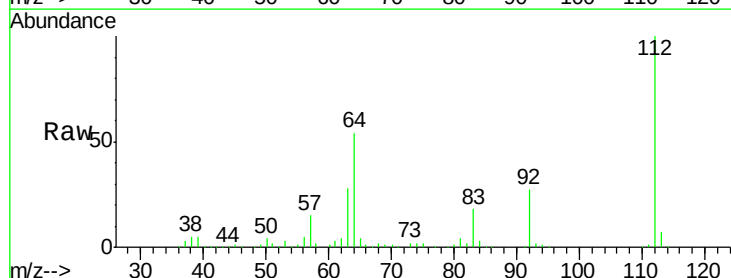
Tgt Ion:112 Resp: 196261

Ion Ratio Lower Upper

112 100

64 54.3 50.5 75.7

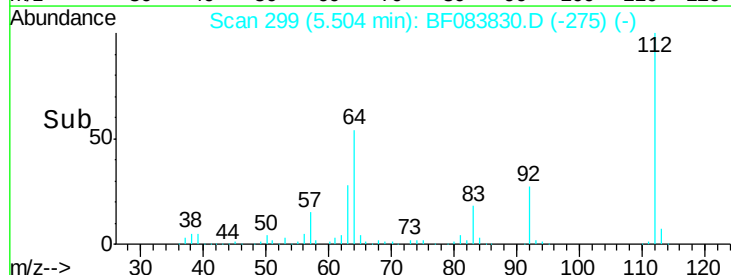
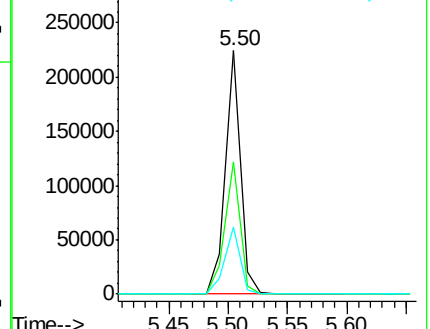
63 27.7 25.8 38.6

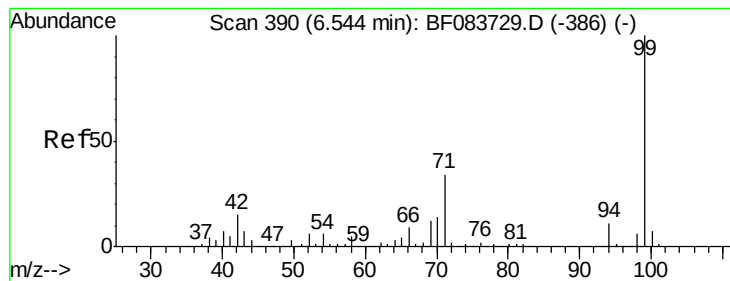


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.46 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-M

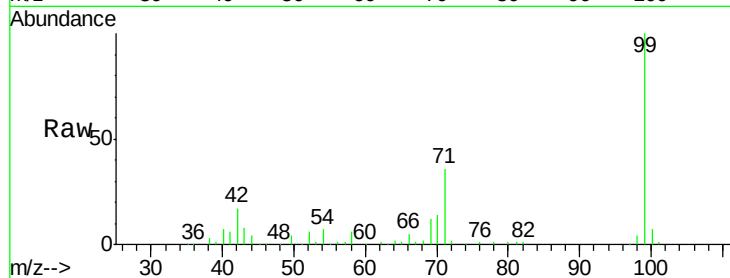
Tgt Ion: 99 Resp: 139956

Ion Ratio Lower Upper

99 100

42 16.9 17.3 25.9#

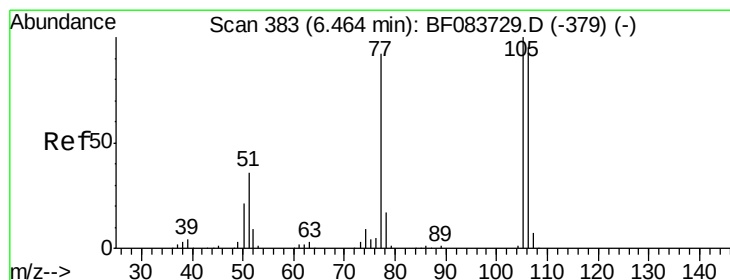
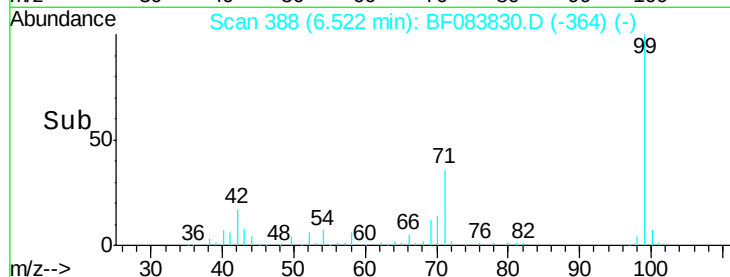
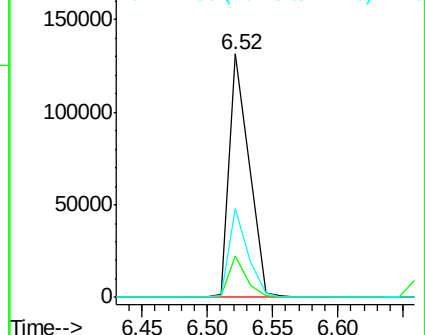
71 36.3 26.6 40.0



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: 2.09 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

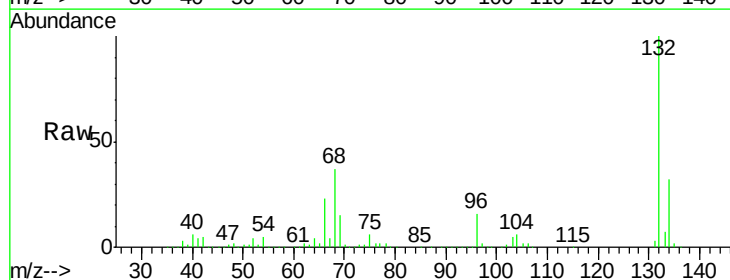
Tgt Ion: 77 Resp: 7672

Ion Ratio Lower Upper

77 100

105 89.7 71.8 111.8

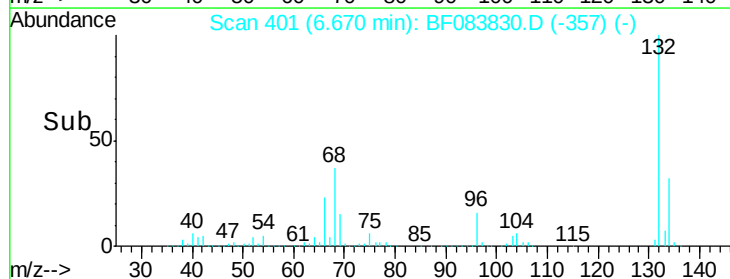
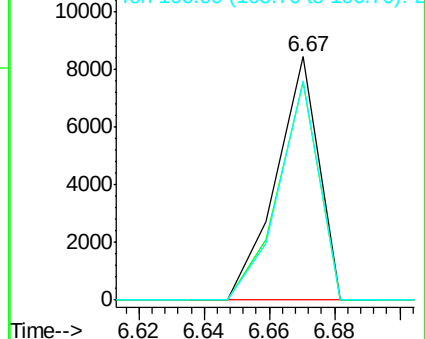
106 89.9 66.8 106.8

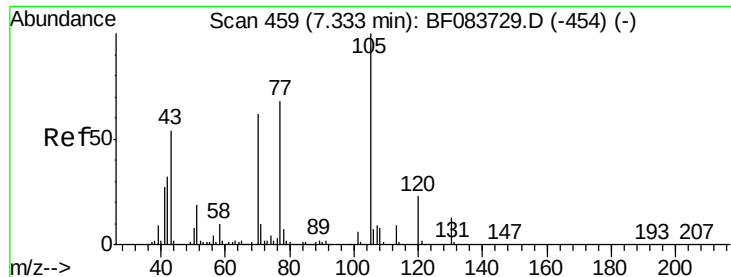


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

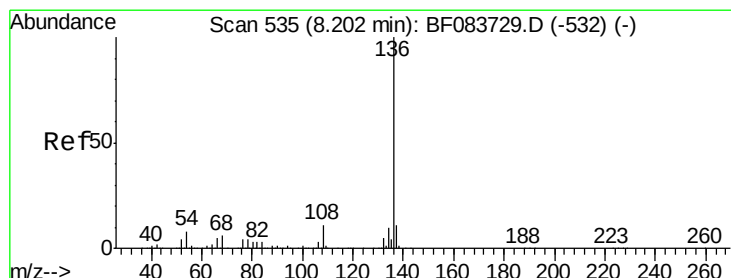
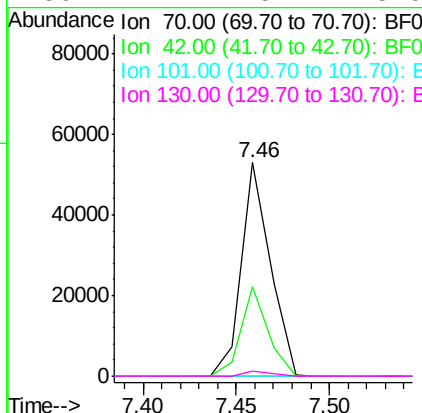
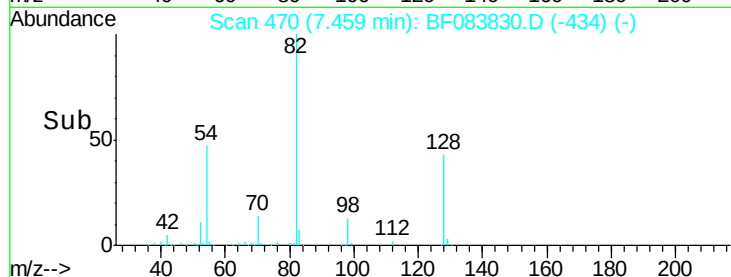
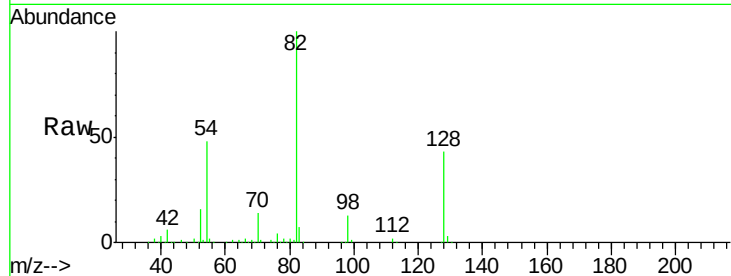




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083830.D
Acq: 15 Dec 2015 23:03

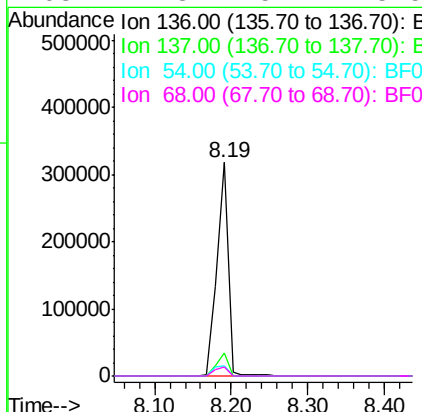
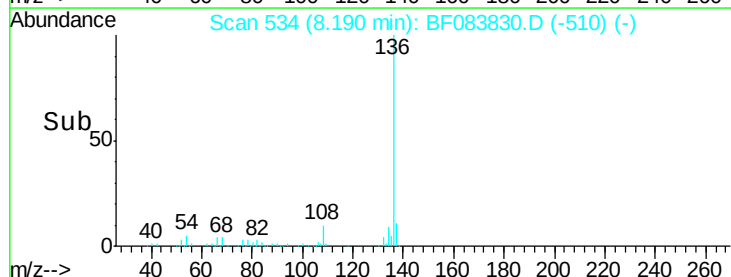
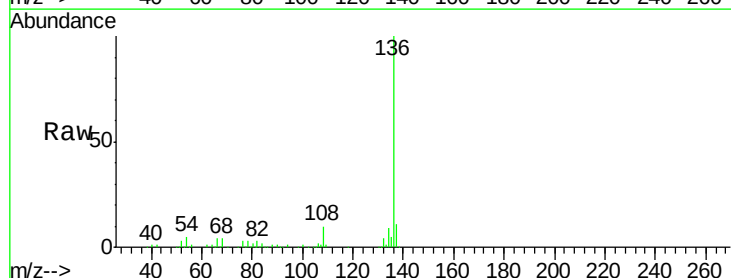
Instrument :
BNA_F
ClientSampleId :
121115-D534-F-D-M

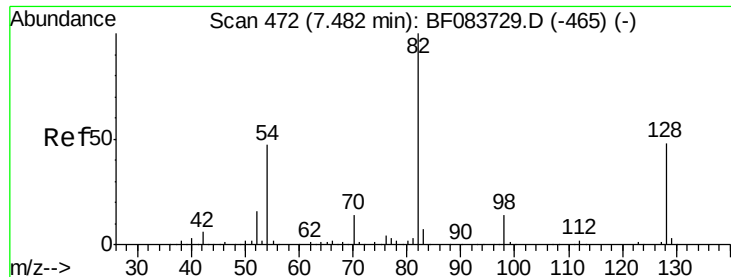
Tgt Ion: 70 Resp: 57334
Ion Ratio Lower Upper
70 100
42 42.0 49.2 73.8#
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083830.D
Acq: 15 Dec 2015 23:03

Tgt Ion: 136 Resp: 321776
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 5.0 7.8 11.6#
68 4.3 5.7 8.5#

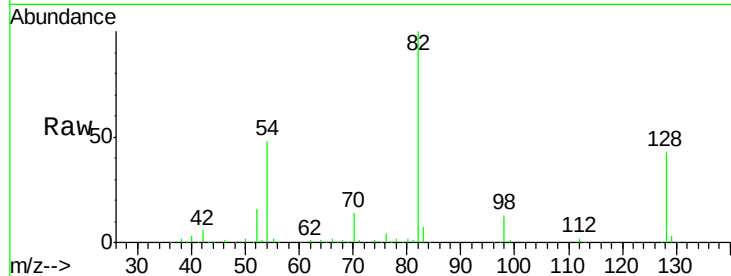




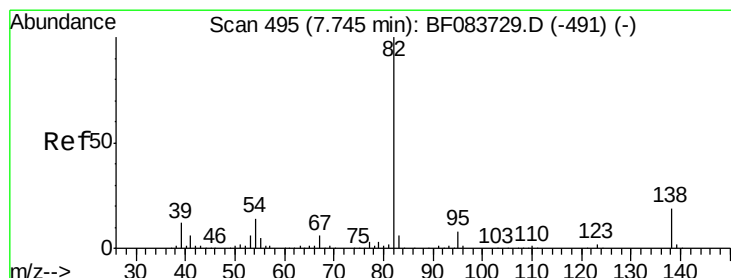
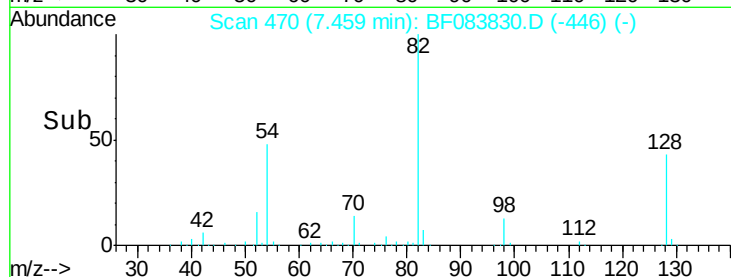
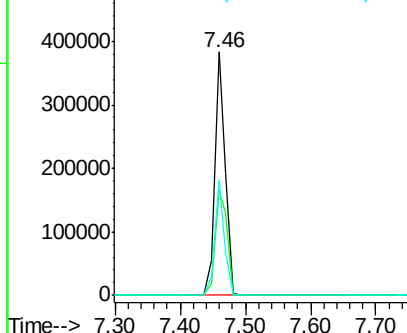
#23
 Nitrobenzene-d5
 Concen: 76.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.7	46.1
54	47.7	42.5	63.7

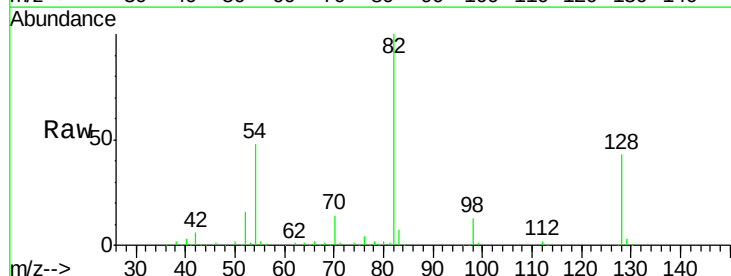


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

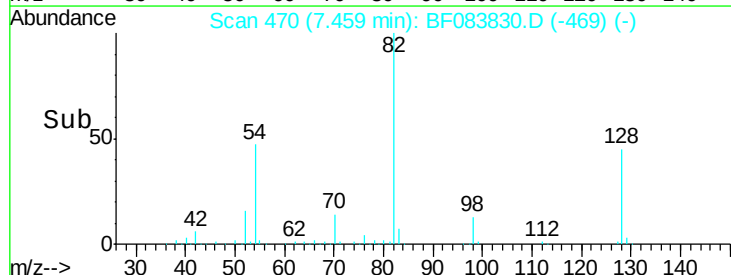
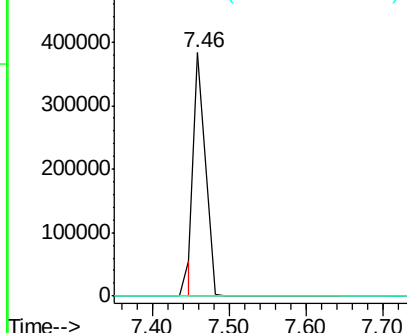


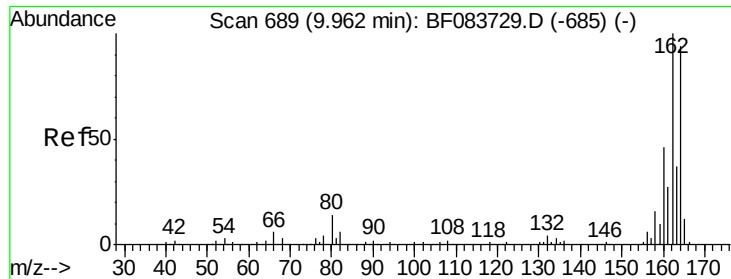
#25
 Isophorone
 Concen: 35.40 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-M

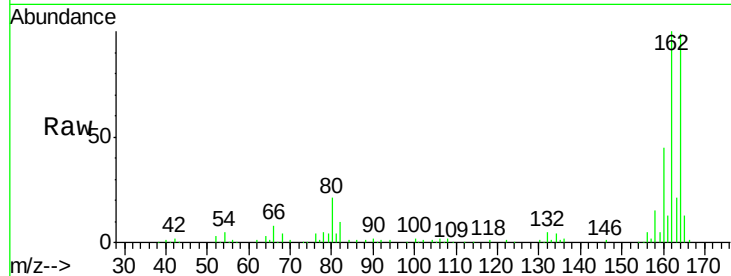
Tgt Ion:164 Resp: 133263

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

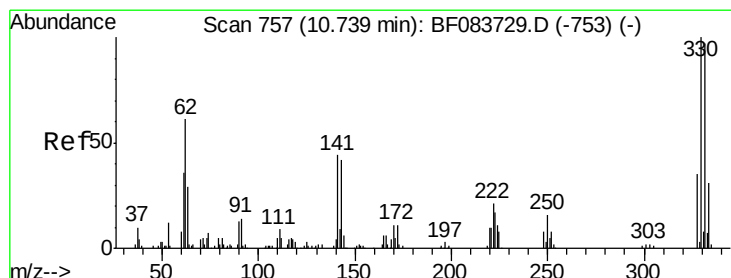
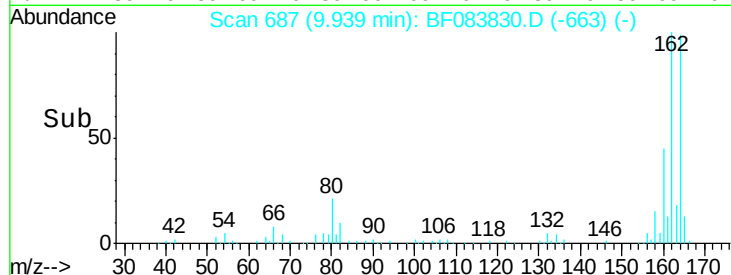
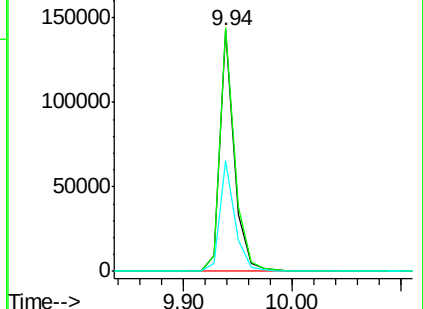
160 45.6 33.4 50.2



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: 77.29 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083830.D

Acq: 15 Dec 2015 23:03

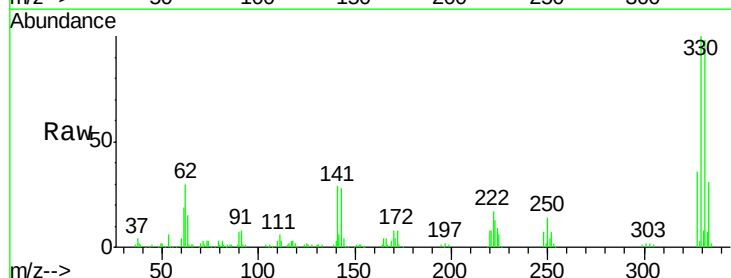
Tgt Ion:330 Resp: 104948

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

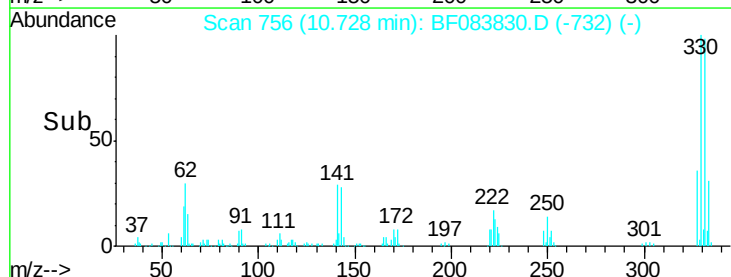
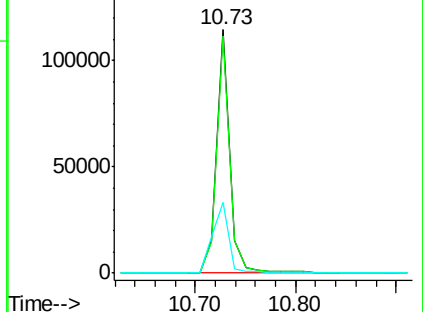
141 35.9 0.0 0.0#

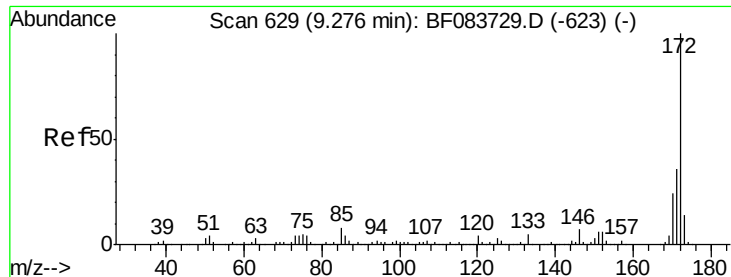


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

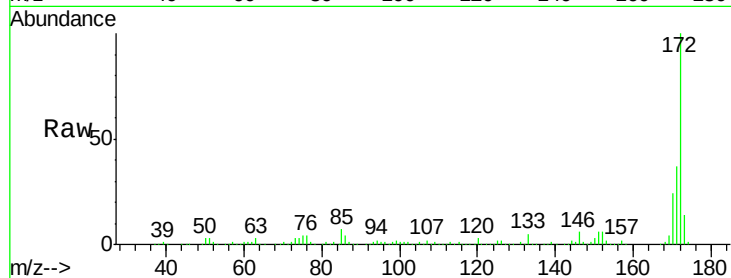




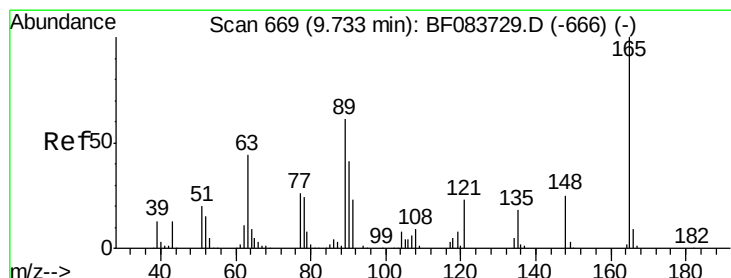
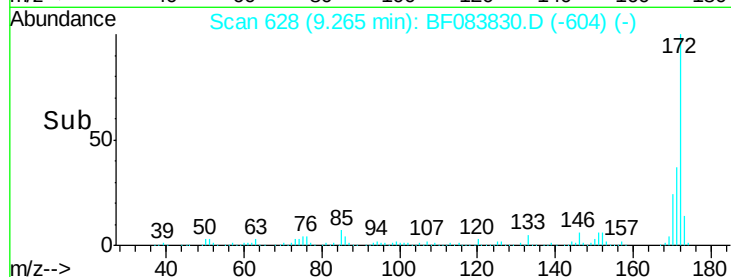
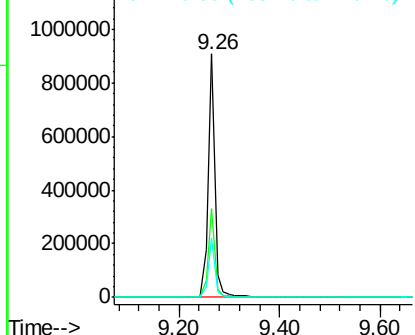
#44
 2-Fluorobiphenyl
 Concen: 98.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Instrument :
 BNA_F
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 121115-D534-F-D-M

Tgt Ion:172 Resp: 850782
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.3 19.4 29.0

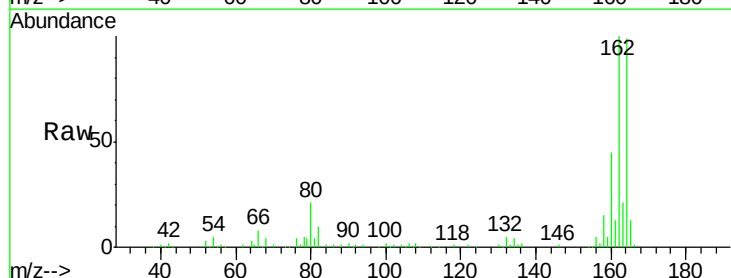


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

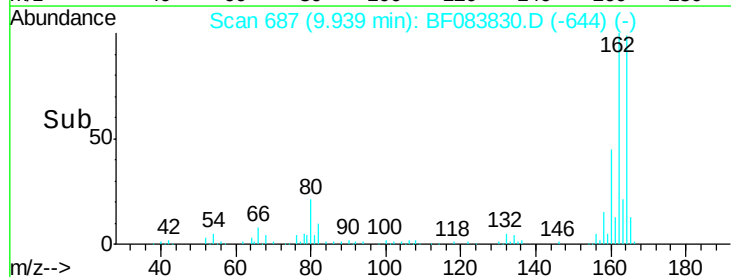
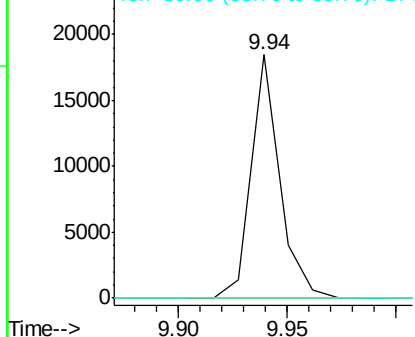


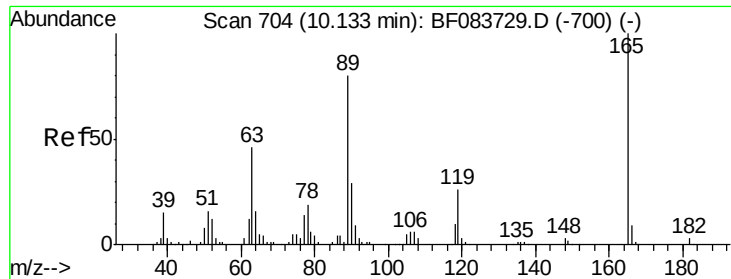
#50
 2,6-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Tgt Ion:165 Resp: 16804
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.9 85.3#
 89 0.0 52.1 78.1#



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

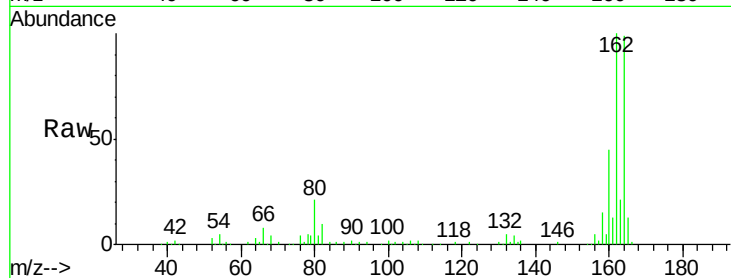




#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.20 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-M

Tgt Ion:	165	Resp:	16805
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.2#
89	0.0	72.6	108.8#
182	0.0	1.4	2.0#

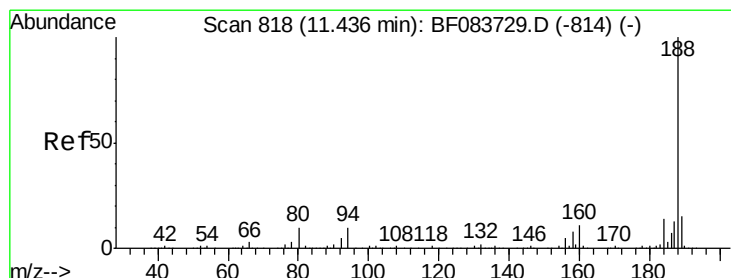
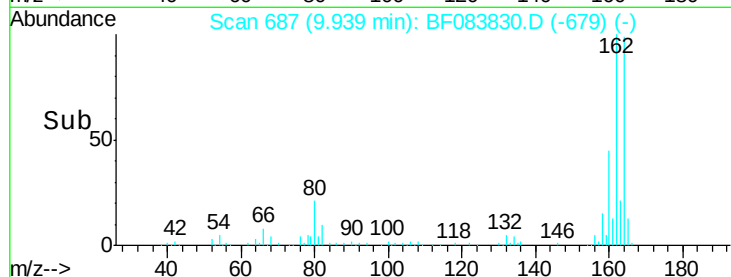
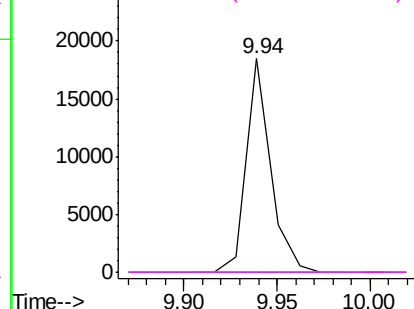


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

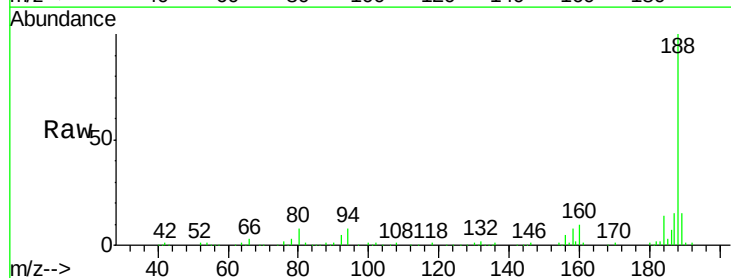
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

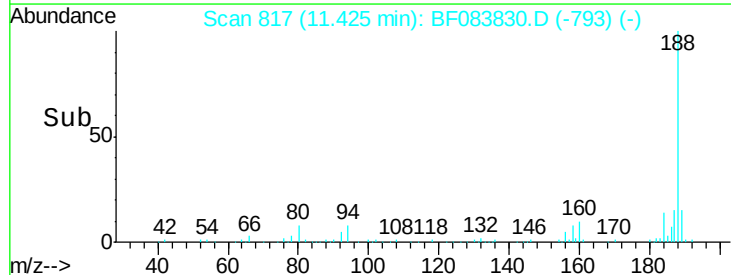
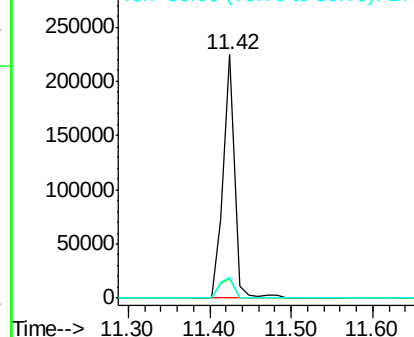
Tgt Ion:	188	Resp:	220653
Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.4	14.2#
80	8.3	10.6	16.0#

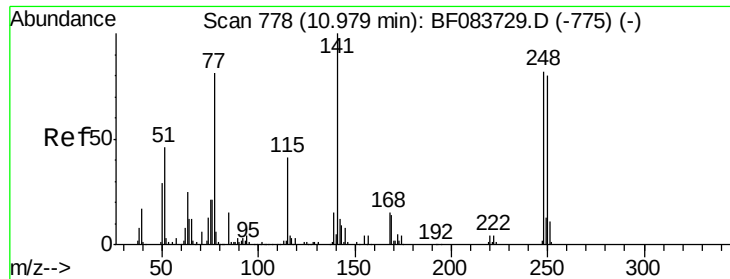


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

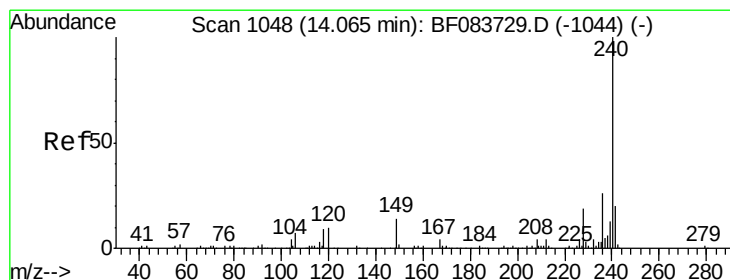
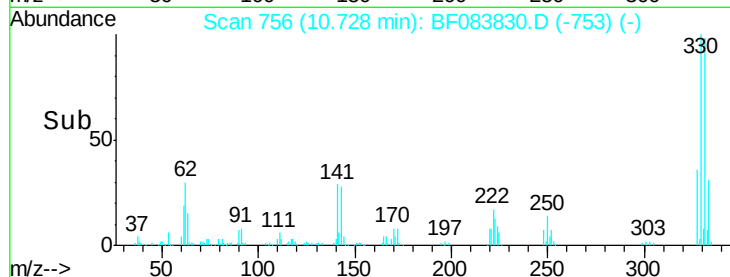
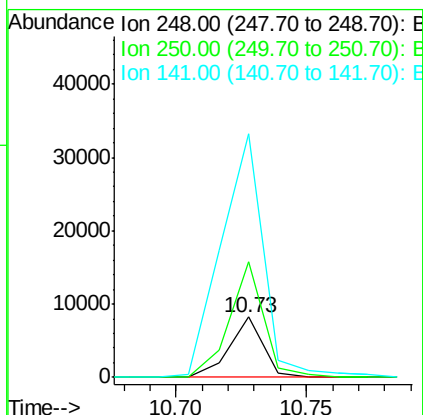
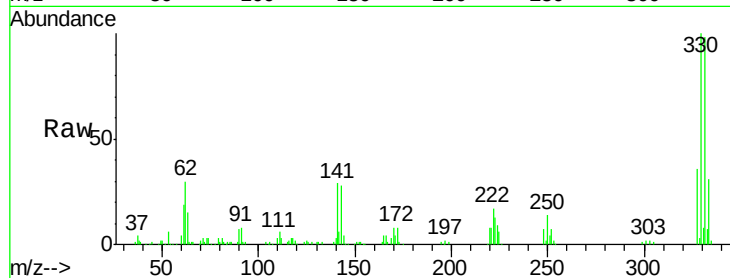




#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083830.D
Acq: 15 Dec 2015 23:03

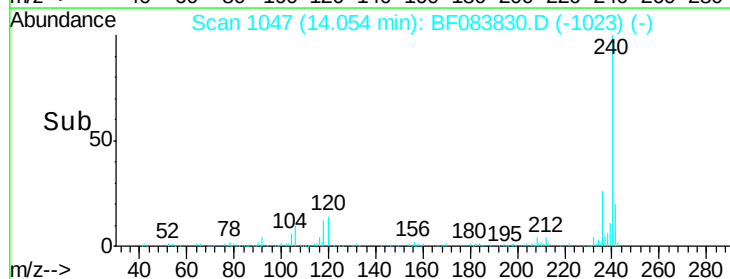
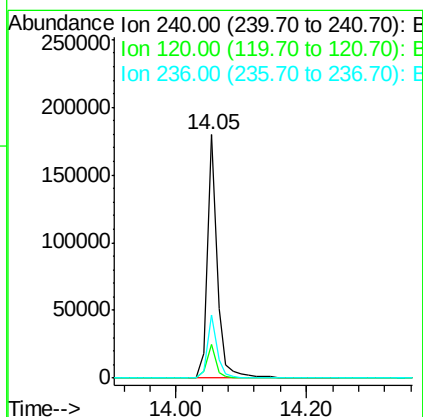
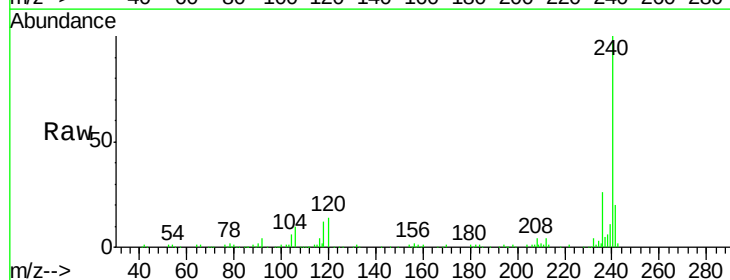
Instrument :
BNA_F
ClientSampleId :
121115-D534-F-D-M

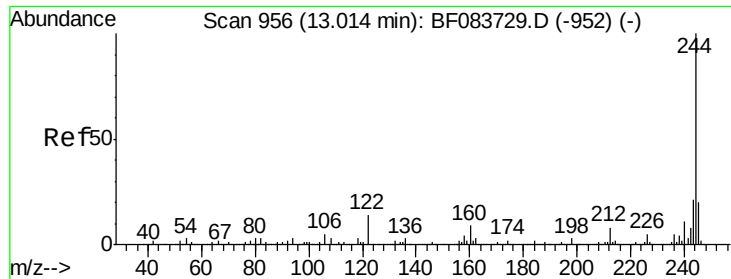
Tgt Ion:248 Resp: 7396
Ion Ratio Lower Upper
248 100
250 191.6 79.2 118.8#
141 403.9 58.2 87.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083830.D
Acq: 15 Dec 2015 23:03

Tgt Ion:240 Resp: 190318
Ion Ratio Lower Upper
240 100
120 13.9 8.1 12.1#
236 25.7 20.8 31.2

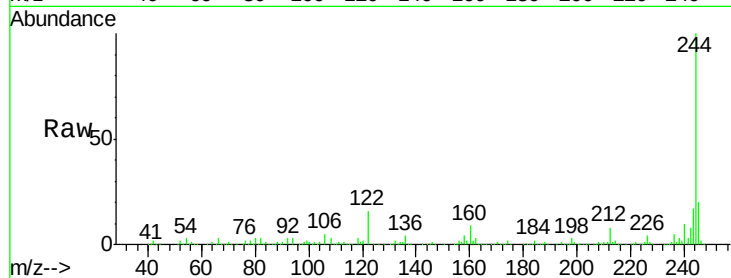




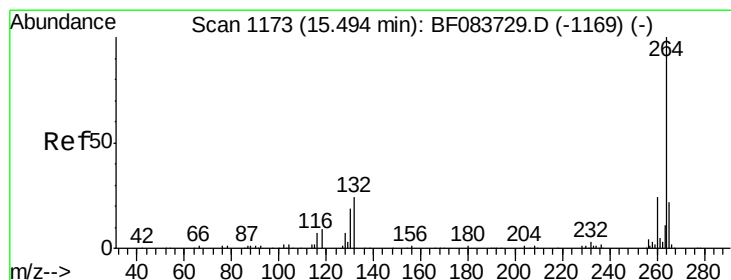
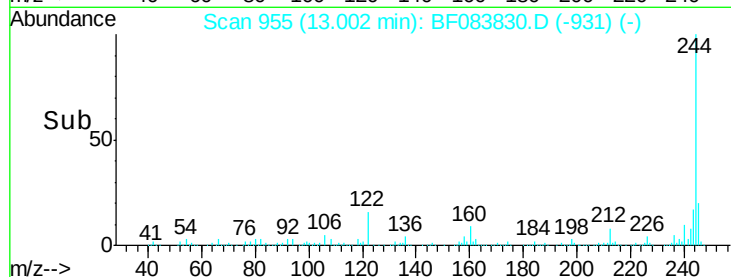
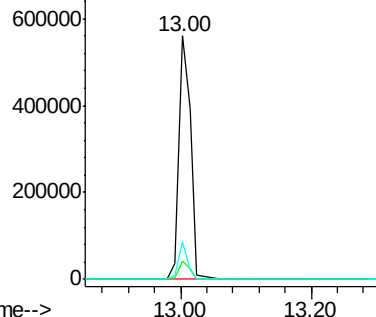
#78
 Terphenyl-d14
 Concen: 79.01 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-D-M

Tgt Ion:244 Resp: 699091
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 15.7 11.0 16.6

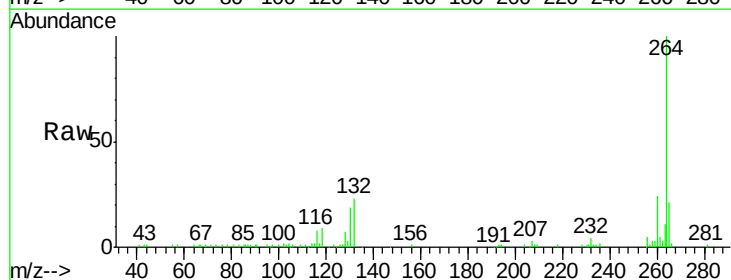


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083830.D
 Acq: 15 Dec 2015 23:03

Tgt Ion:264 Resp: 131660
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.4 17.8 26.6



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

