

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083849.D
 Acq On : 16 Dec 2015 15:41
 Operator : UM/SJ
 Sample : PB87334BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87334BL

Quant Time: Dec 17 03:23:08 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

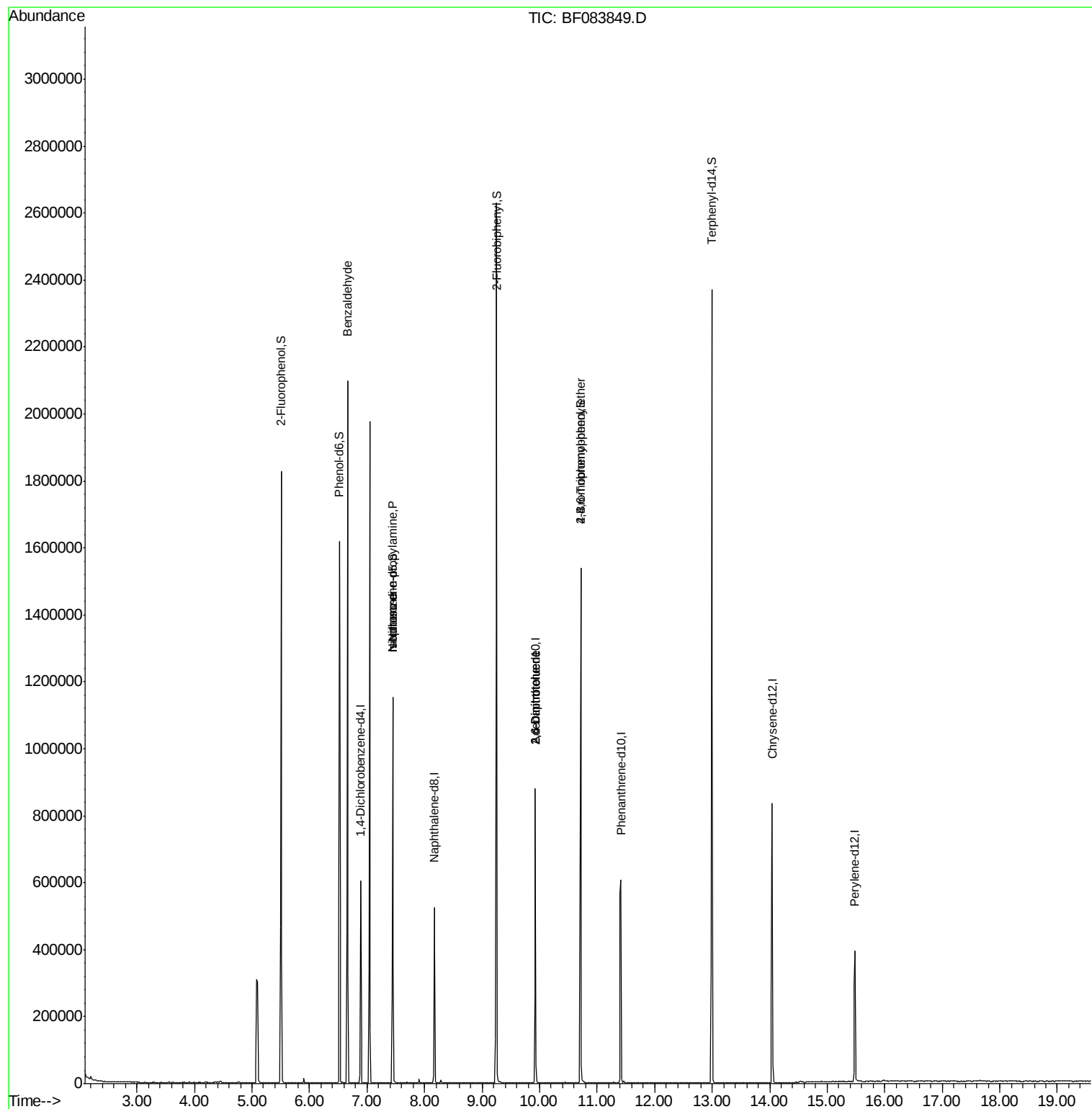
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	89121	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	346329	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	178620	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	331763	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	293167	20.00	ng	-0.03
86) Perylene-d12	15.48	264	198665	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	556858	100.80	ng	-0.02
7) Phenol-d6	6.52	99	685845	98.04	ng	-0.02
23) Nitrobenzene-d5	7.45	82	428947	69.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	219077	120.37	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	989421	79.60	ng	-0.03
78) Terphenyl-d14	12.99	244	906597	66.52	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	13401	3.57	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.45	70	55736	13.01	ng	# 72
25) Isophorone	7.45	82	428400	35.27	ng	# 69
50) 2,6-Dinitrotoluene	9.93	165	22808	7.72	ng	# 16
56) 2,4-Dinitrotoluene	9.93	165	22809	5.91	ng	# 11
66) 4-Bromophenyl-phenylether	10.72	248	15245	4.11	ng	# 1

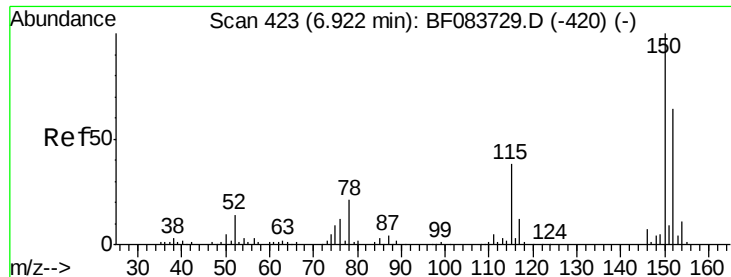
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083849.D

Acq: 16 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB87334BL

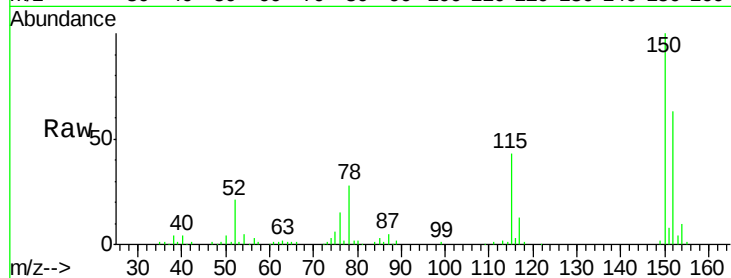
Tgt Ion:152 Resp: 89121

Ion Ratio Lower Upper

152 100

150 157.8 126.5 189.7

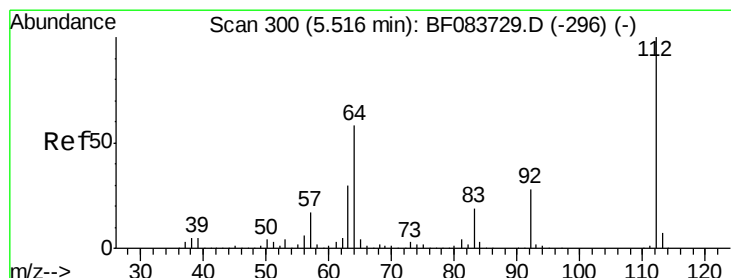
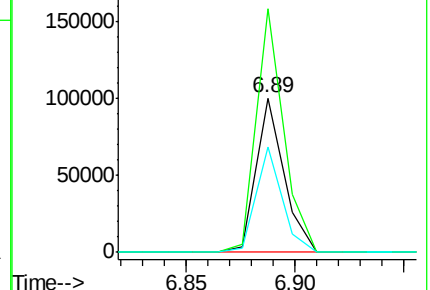
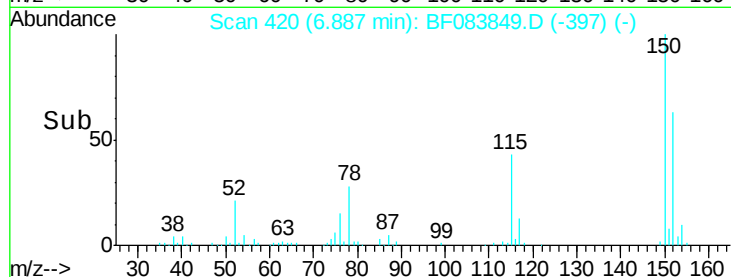
115 68.0 52.3 78.5



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: 100.80 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083849.D

Acq: 16 Dec 2015 15:41

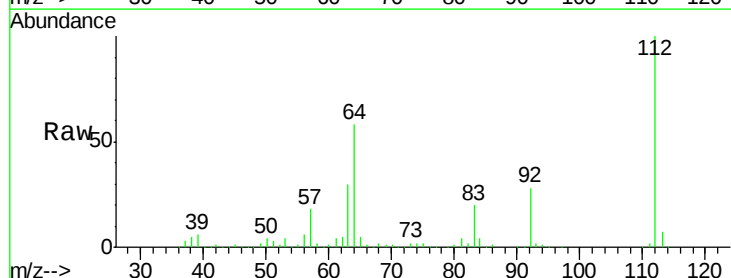
Tgt Ion:112 Resp: 556858

Ion Ratio Lower Upper

112 100

64 57.9 50.5 75.7

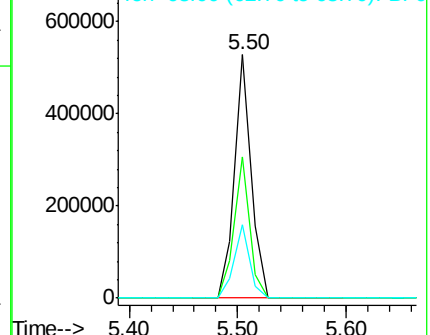
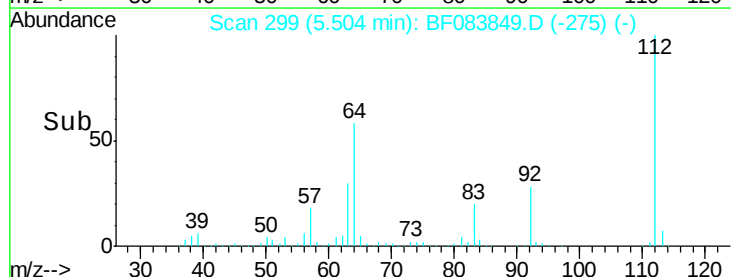
63 30.0 25.8 38.6

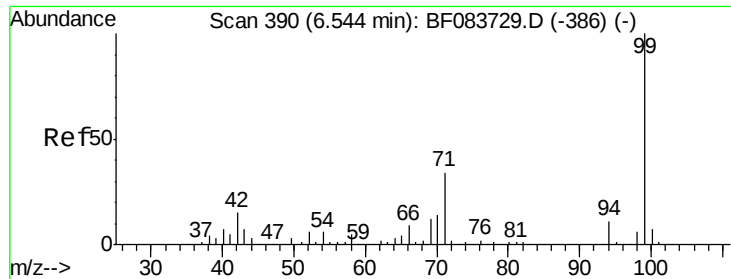


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.04 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083849.D

Acq: 16 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

PB87334BL

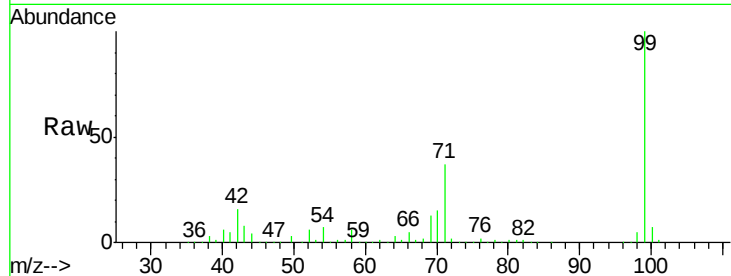
Tgt Ion: 99 Resp: 685845

Ion Ratio Lower Upper

99 100

42 16.3 17.3 25.9#

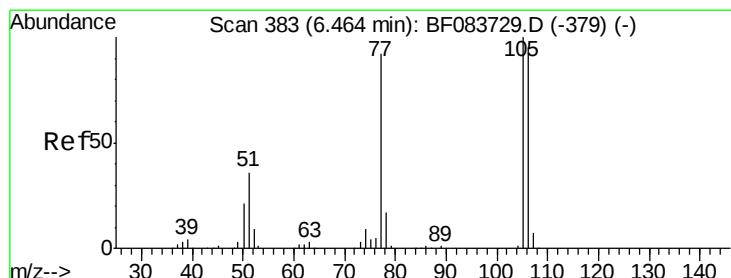
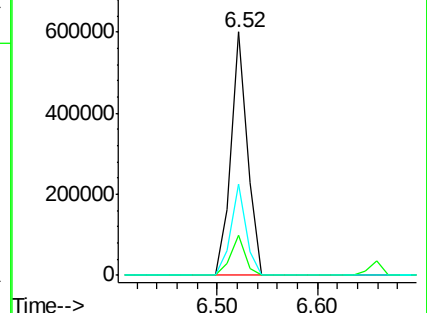
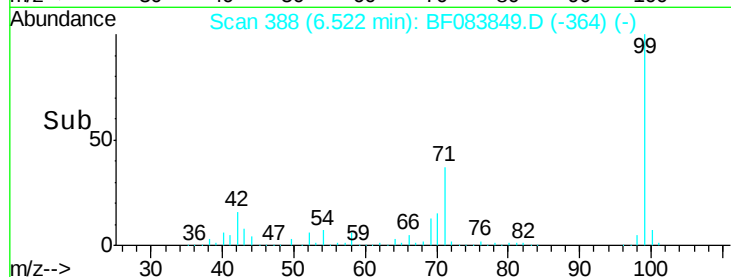
71 37.3 26.6 40.0



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: 3.57 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083849.D

Acq: 16 Dec 2015 15:41

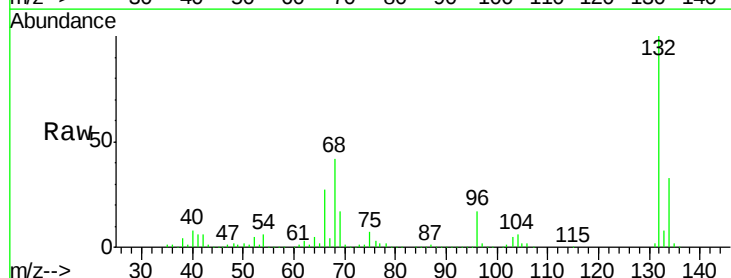
Tgt Ion: 77 Resp: 13401

Ion Ratio Lower Upper

77 100

105 78.9 71.8 111.8

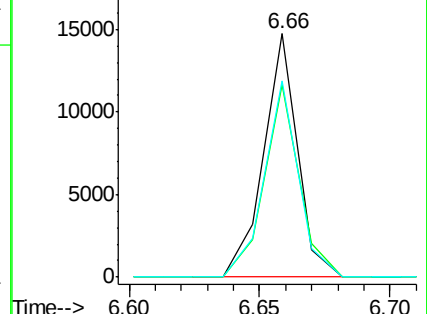
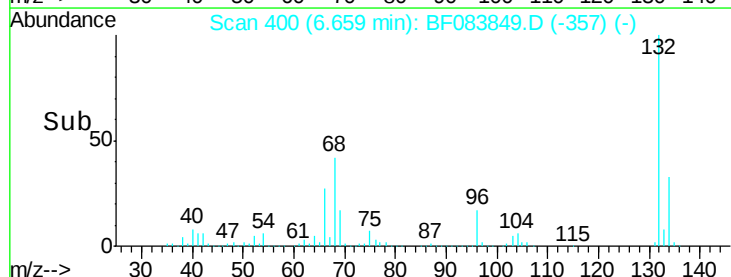
106 80.5 66.8 106.8

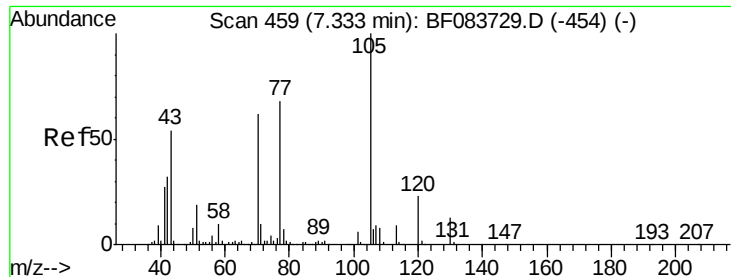


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

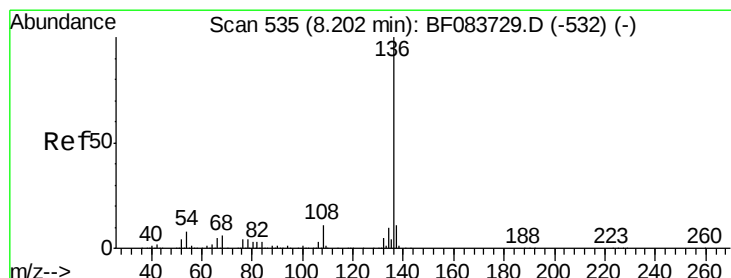
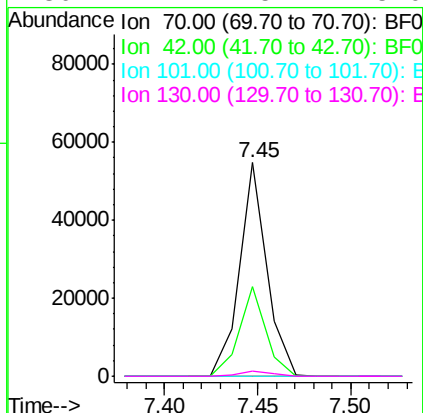
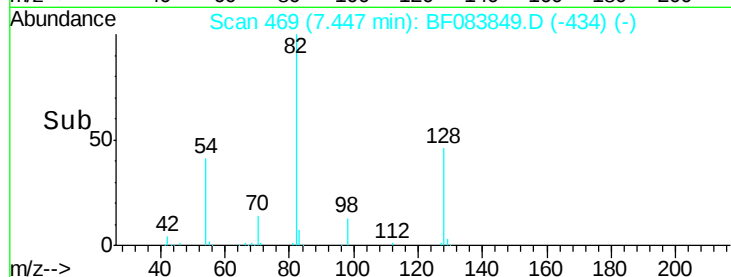
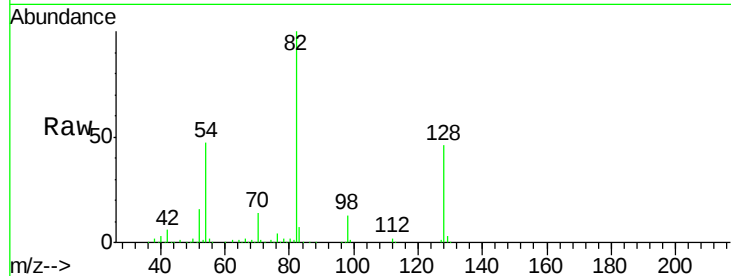




#19
n-Nitroso-di-n-propylamine
Concen: 13.01 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.10 min
Lab File: BF083849.D
Acq: 16 Dec 2015 15:41

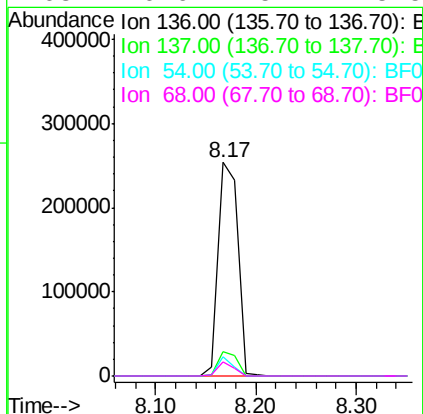
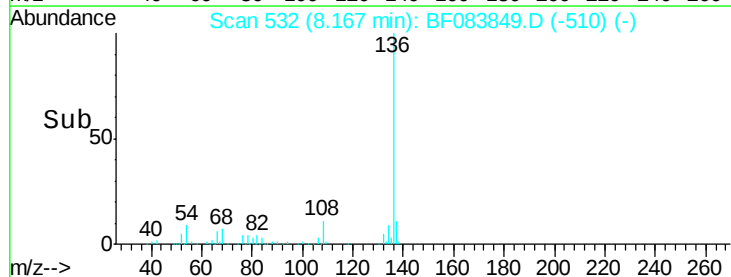
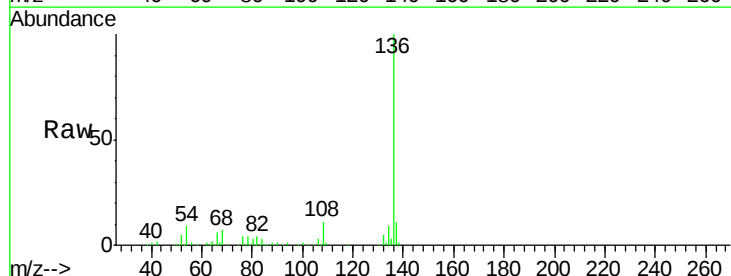
Instrument :
BNA_F
ClientSampleId :
PB87334BL

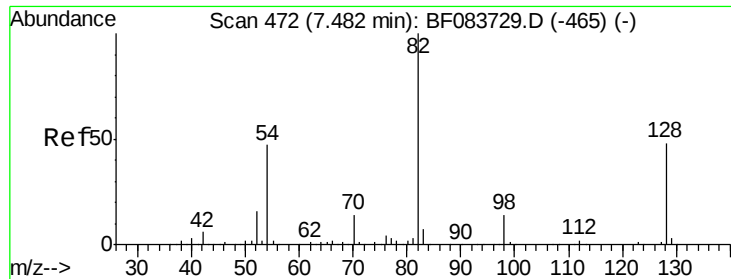
Tgt Ion: 70 Resp: 55736
Ion Ratio Lower Upper
70 100
42 42.0 49.2 73.8#
101 0.0 7.1 10.7#
130 2.4 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF083849.D
Acq: 16 Dec 2015 15:41

Tgt Ion: 136 Resp: 346329
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.8 7.8 11.6
68 6.6 5.7 8.5

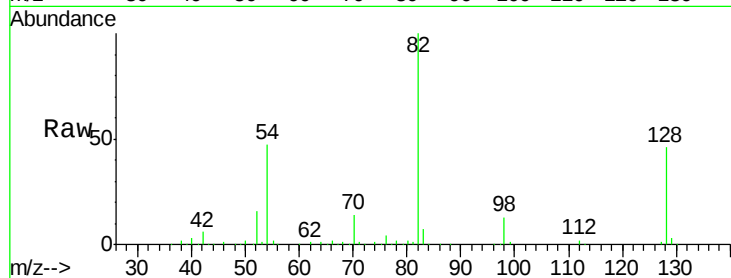




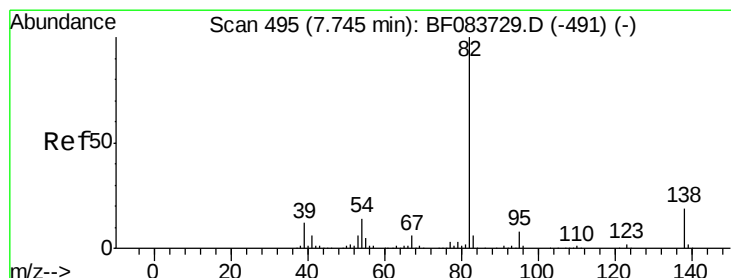
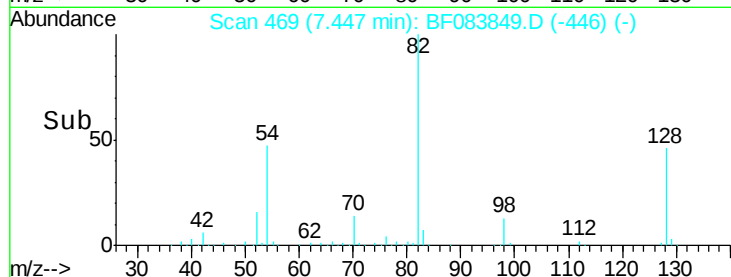
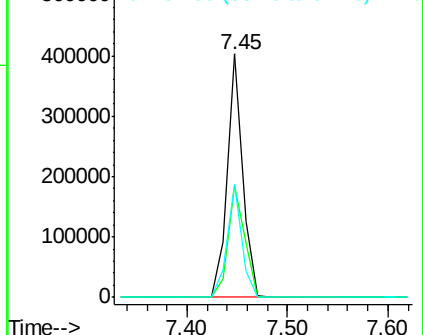
#23
 Nitrobenzene-d5
 Concen: 69.29 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampled :
 PB87334BL

Tgt Ion: 82 Resp: 428947
 Ion Ratio Lower Upper
 82 100
 128 45.9 30.7 46.1
 54 46.6 42.5 63.7

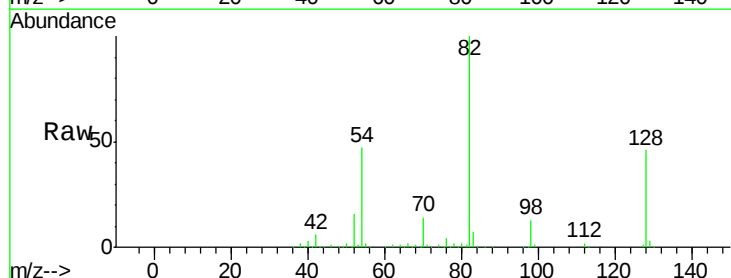


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

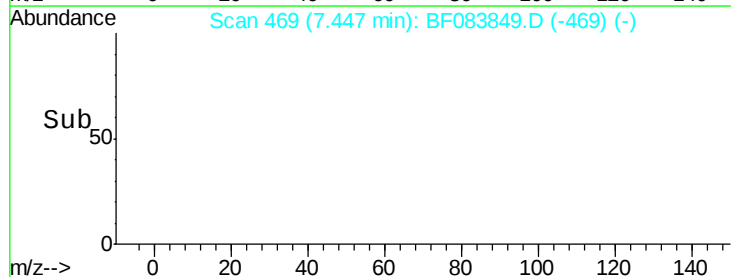
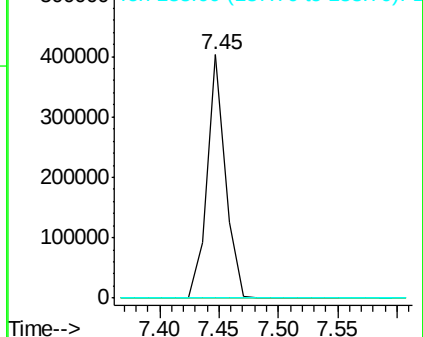


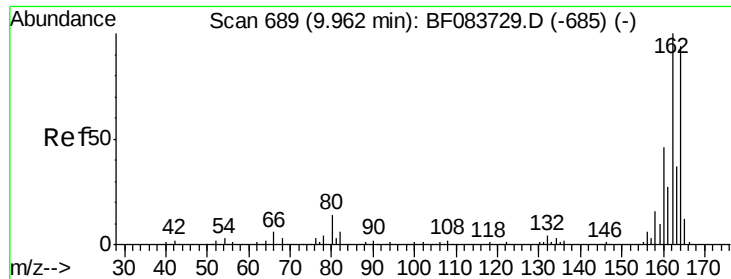
#25
 Isophorone
 Concen: 35.27 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.30 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Tgt Ion: 82 Resp: 428400
 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

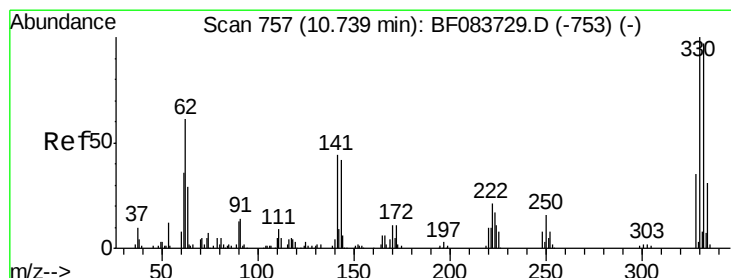
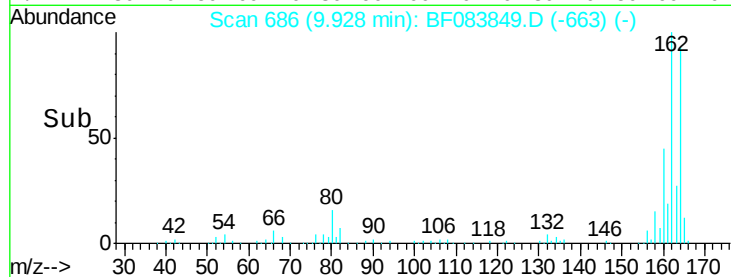
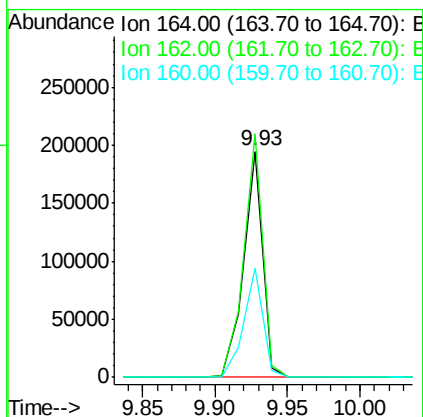
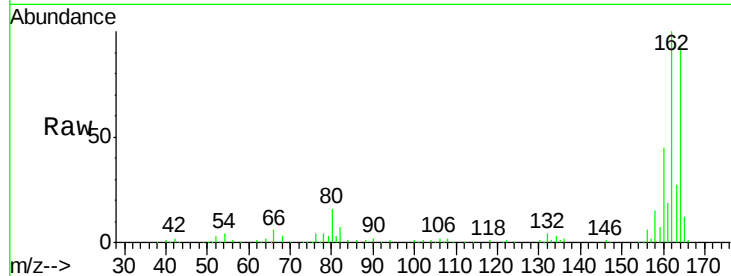




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

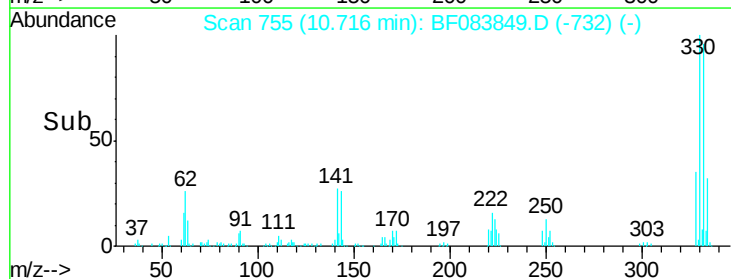
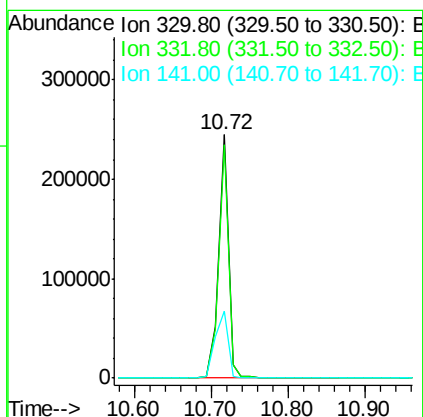
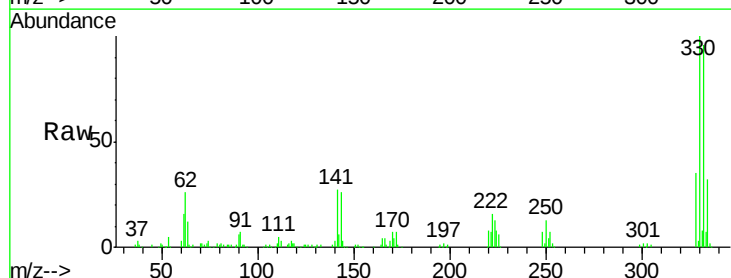
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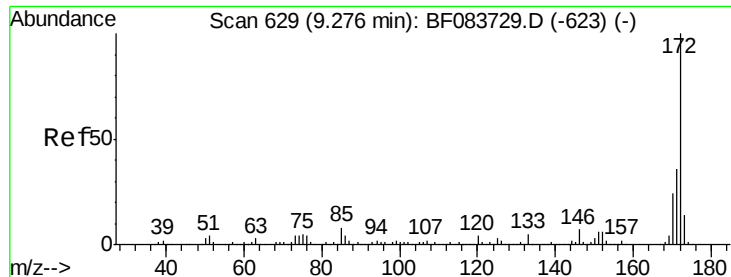
Tgt Ion:164 Resp: 178620
 Ion Ratio Lower Upper
 164 100
 162 107.8 78.8 118.2
 160 48.4 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 120.37 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Tgt Ion:330 Resp: 219077
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 35.5 0.0 0.0#

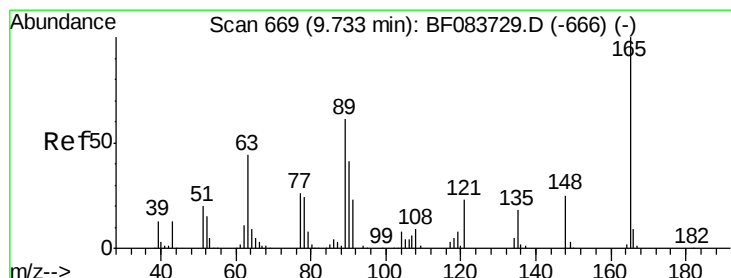
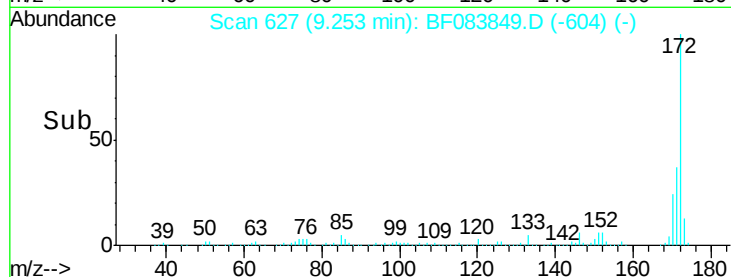
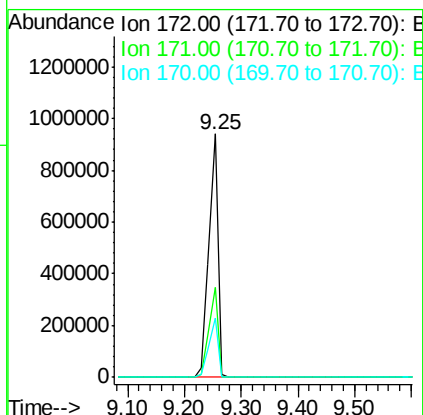
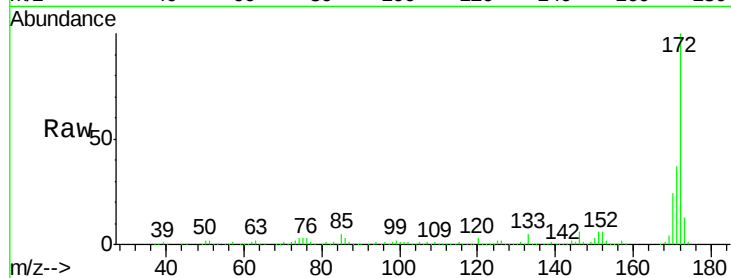




#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

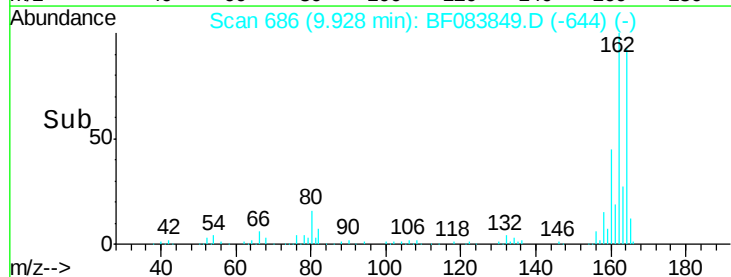
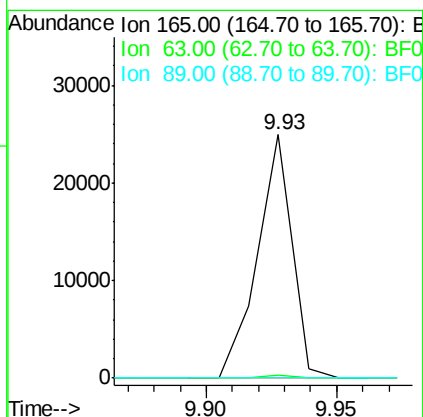
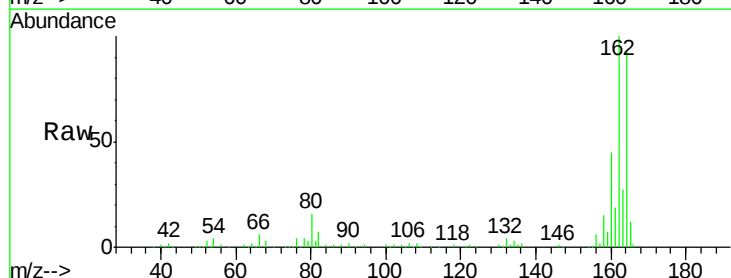
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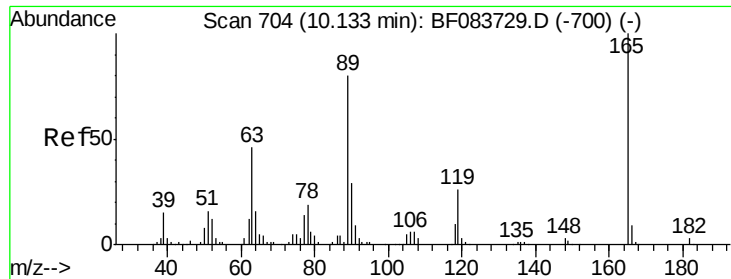
Tgt Ion:172 Resp: 989421
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 24.3 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.18 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Tgt Ion:165 Resp: 22808
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 0.0 52.1 78.1#

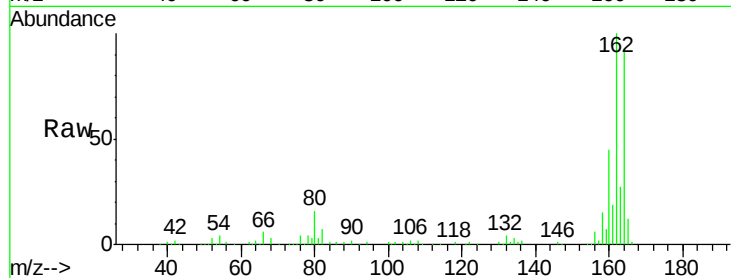




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.22 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87334BL

Tgt Ion:	165	Resp:	22809
Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.4	77.2#
89	0.0	72.6	108.8#
182	0.0	1.4	2.0#

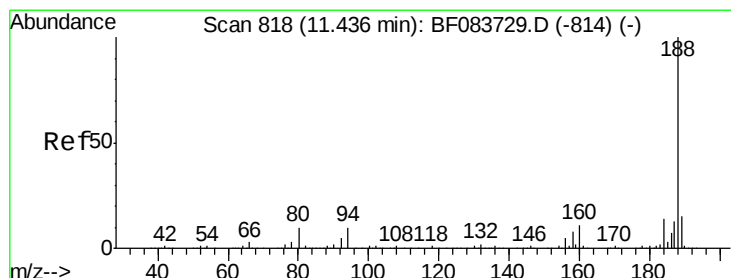
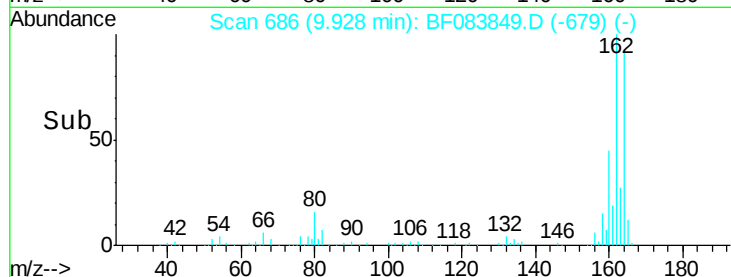
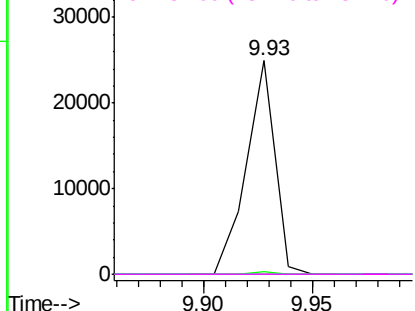


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

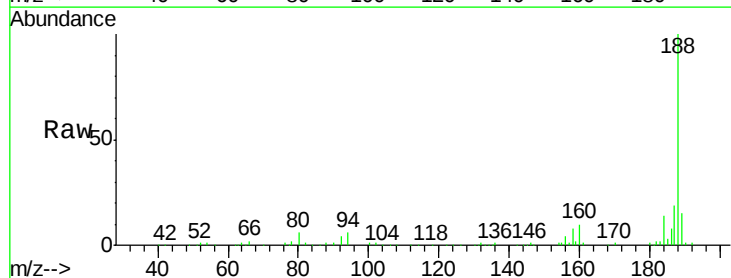
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

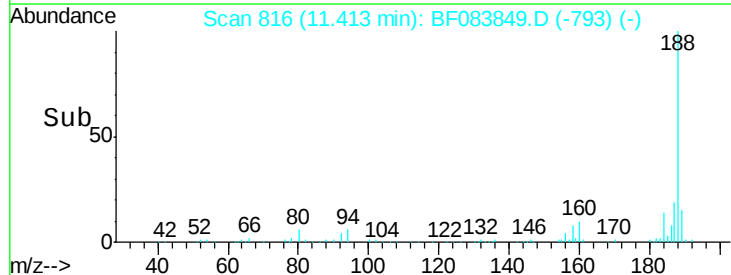
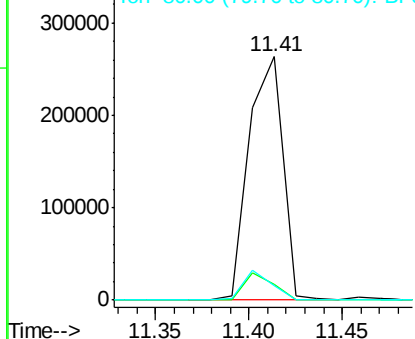
Tgt Ion:	188	Resp:	331763
Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.4	14.2#
80	6.1	10.6	16.0#

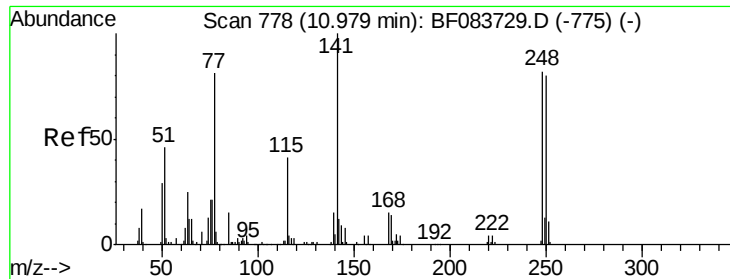


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

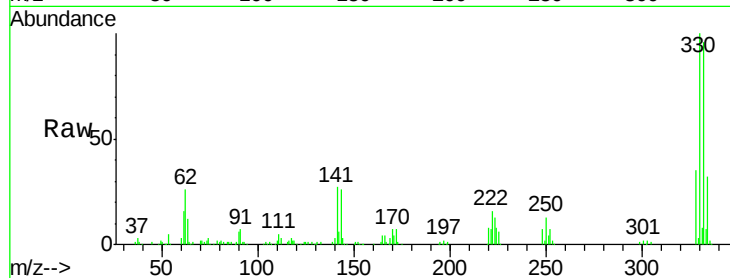




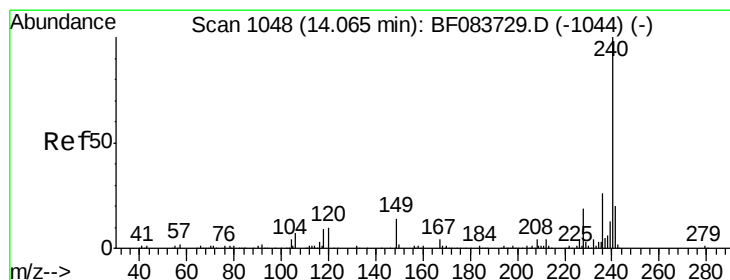
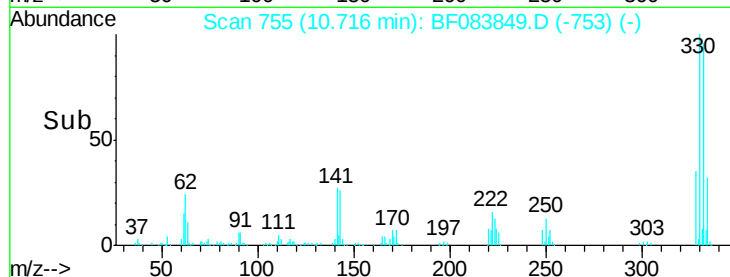
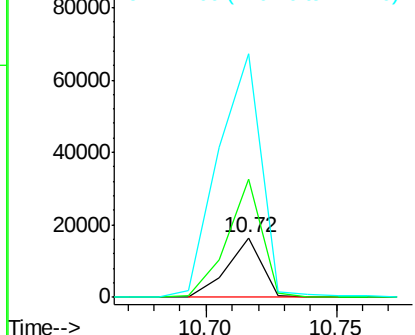
#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87334BL

Tgt Ion:248 Resp: 15245
 Ion Ratio Lower Upper
 248 100
 250 199.7 79.2 118.8#
 141 409.3 58.2 87.4#

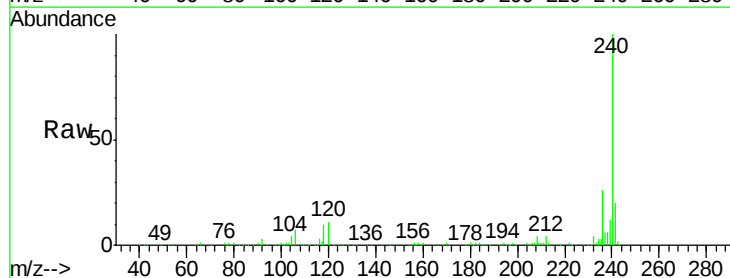


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

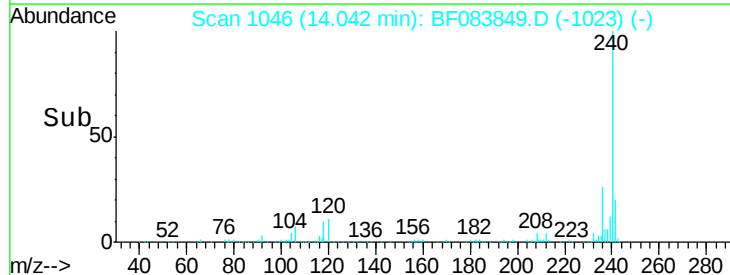
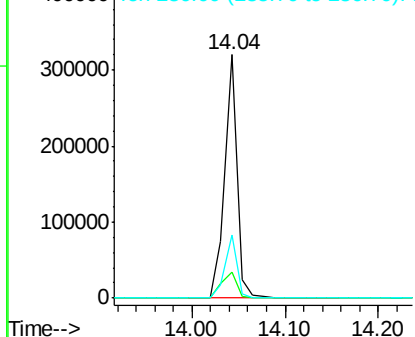


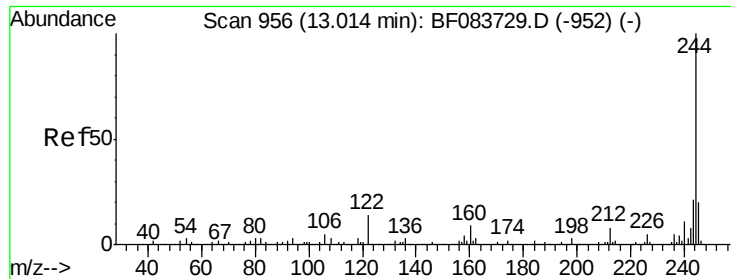
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Tgt Ion:240 Resp: 293167
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 26.0 20.8 31.2



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

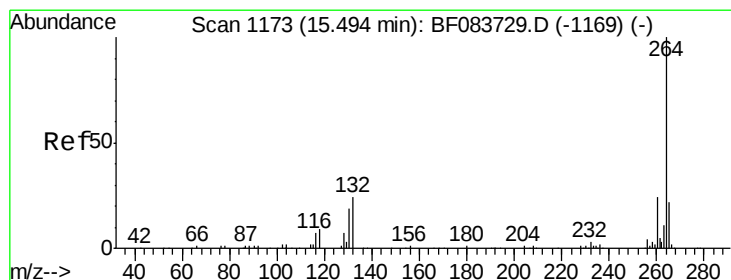
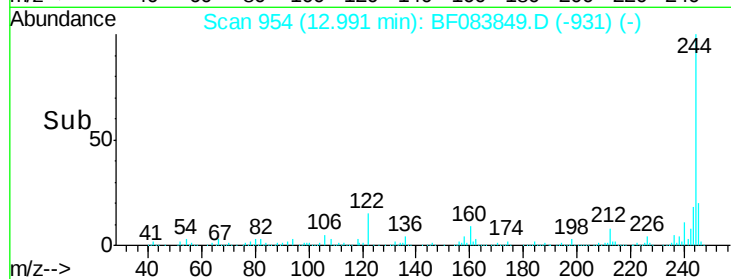
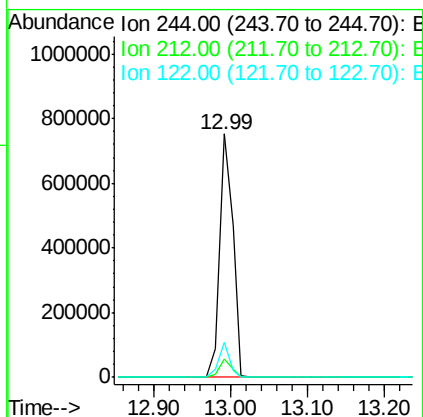
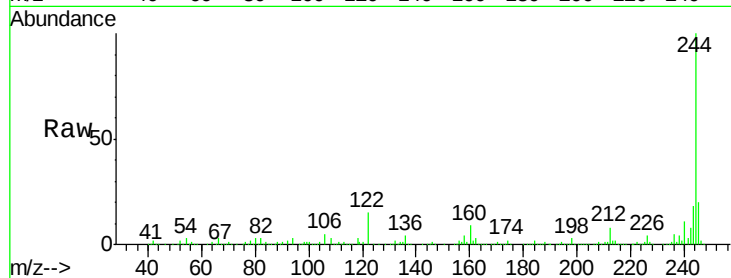




#78
 Terphenyl-d14
 Concen: 66.52 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87334BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	14.5	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083849.D
 Acq: 16 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	22.0	17.8	26.6

