

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083797.D
 Acq On : 15 Dec 2015 4:29
 Operator : UM/IZ
 Sample : G4779-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Quant Time: Dec 15 06:14:36 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

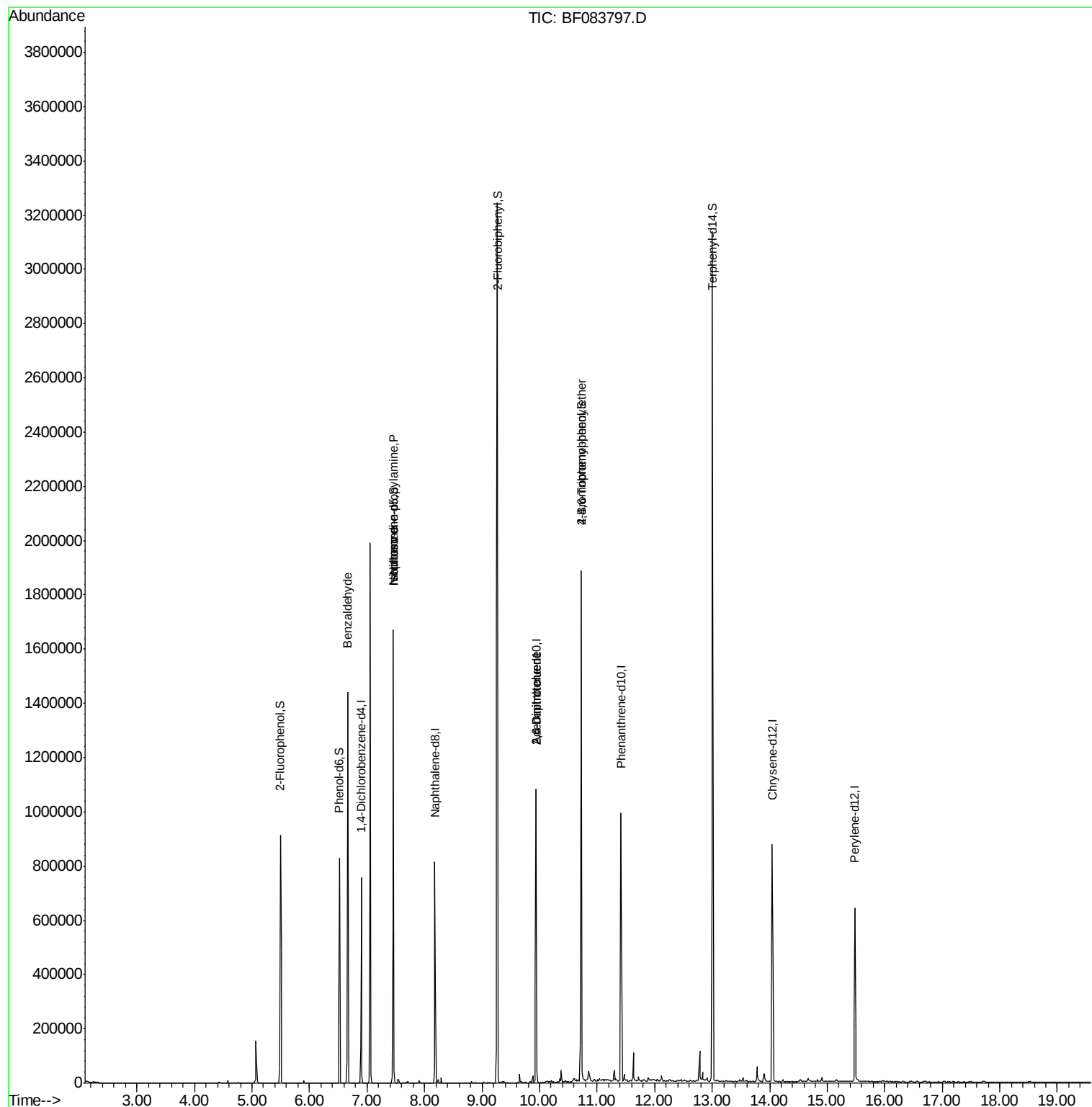
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109377	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	405164	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	216144	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	392063	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	359232	20.00	ng	-0.03
86) Perylene-d12	15.48	264	280394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	311170	45.90	ng	-0.03
7) Phenol-d6	6.52	99	285234	33.22	ng	-0.02
23) Nitrobenzene-d5	7.46	82	550706	76.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	310757	141.10	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1167920	76.93	ng	-0.02
78) Terphenyl-d14	13.00	244	1216060	72.82	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	12479	2.71	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.46	70	75561	14.37	ng	# 69
25) Isophorone	7.46	82	545408	38.39	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	28410	7.94	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	28664	6.14	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	21429	4.89	ng	# 1

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

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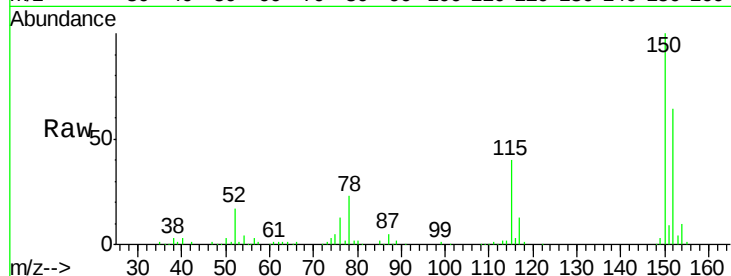




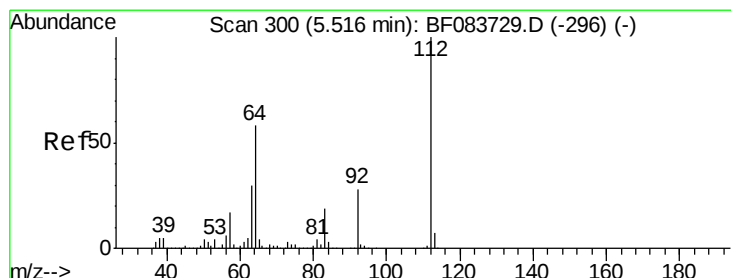
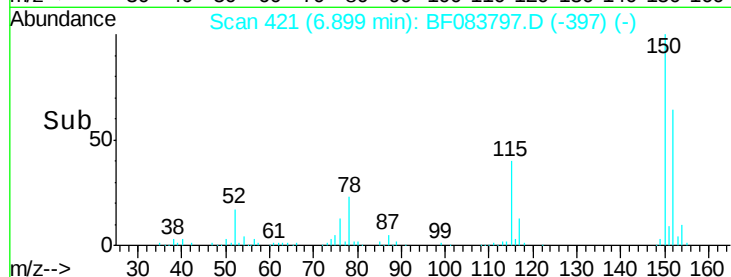
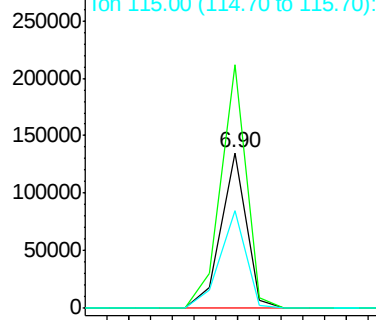
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tgt Ion:152 Resp: 109377
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.5 189.7
 115 62.9 52.3 78.5

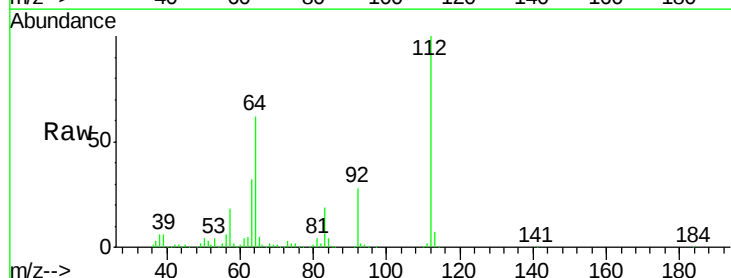


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

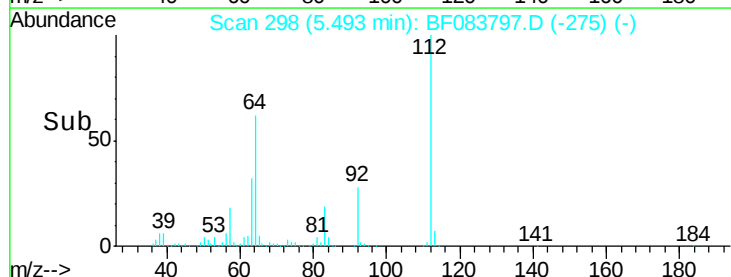
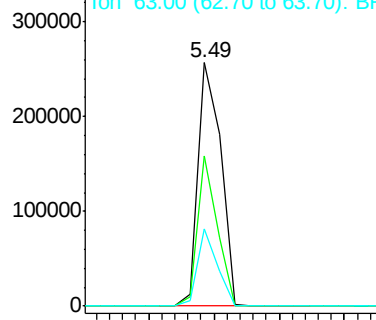


#5
 2-Fluorophenol
 Concen: 45.90 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.03 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion:112 Resp: 311170
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.5 75.7
 63 31.9 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: 33.22 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

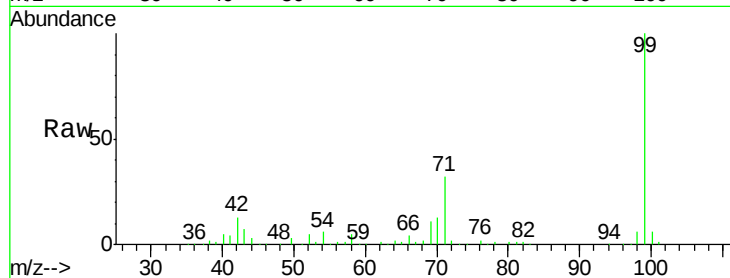
Tgt Ion: 99 Resp: 285234

Ion Ratio Lower Upper

99 100

42 13.2 17.3 25.9#

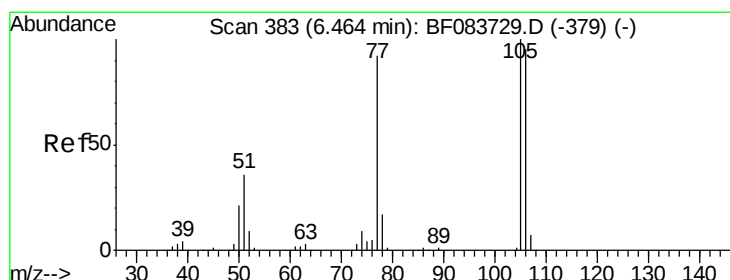
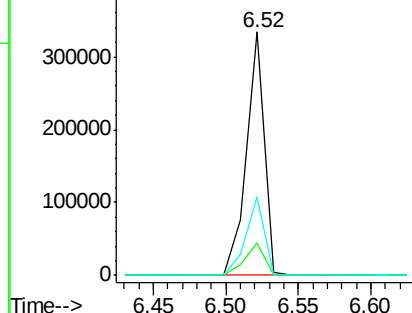
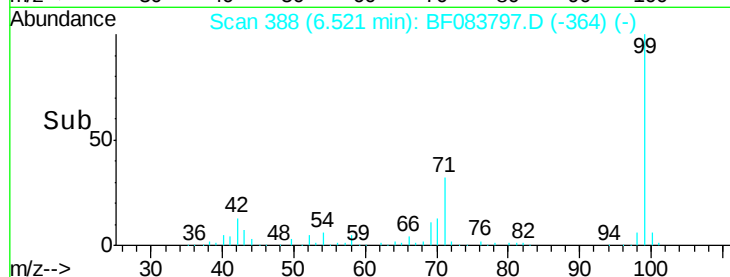
71 32.3 26.6 40.0



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: 2.71 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

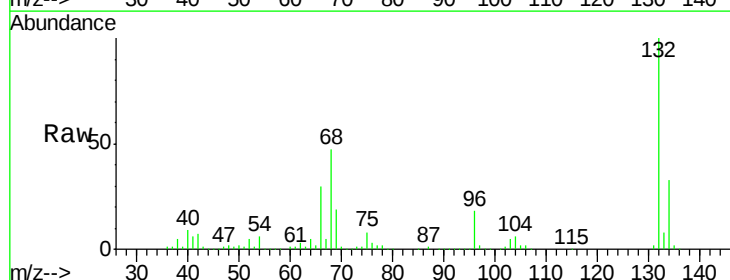
Tgt Ion: 77 Resp: 12479

Ion Ratio Lower Upper

77 100

105 78.3 71.8 111.8

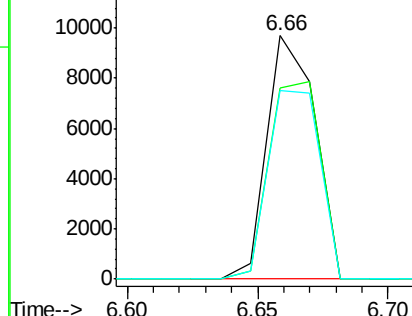
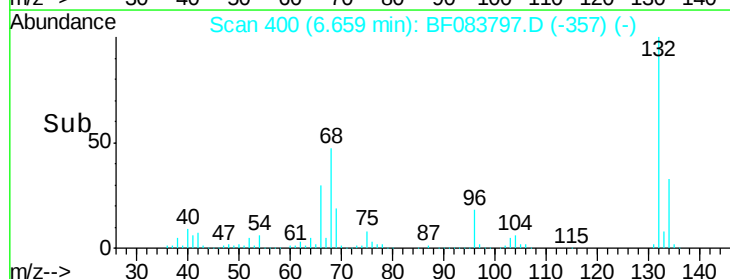
106 77.5 66.8 106.8

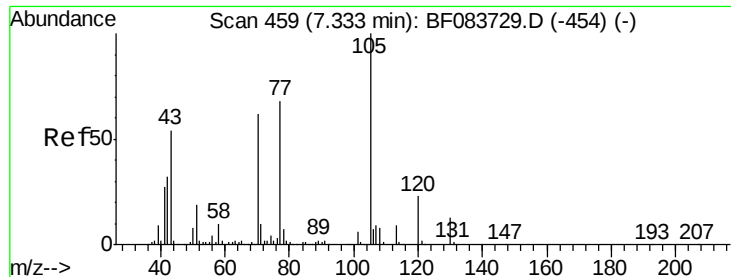


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

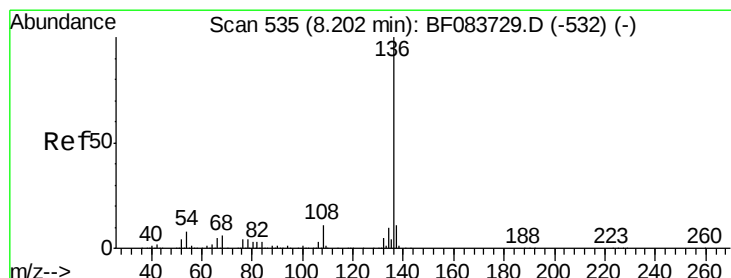
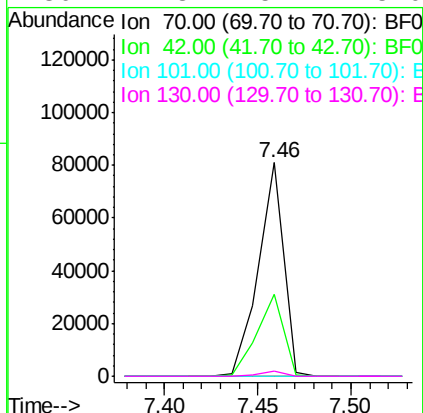
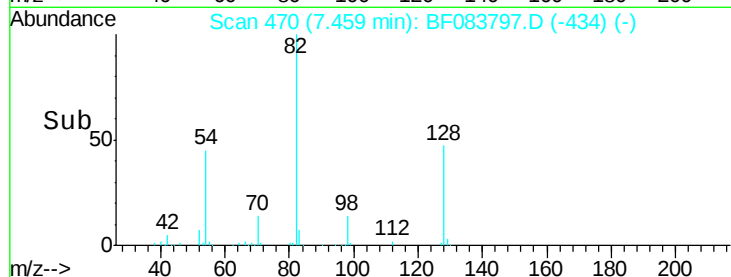
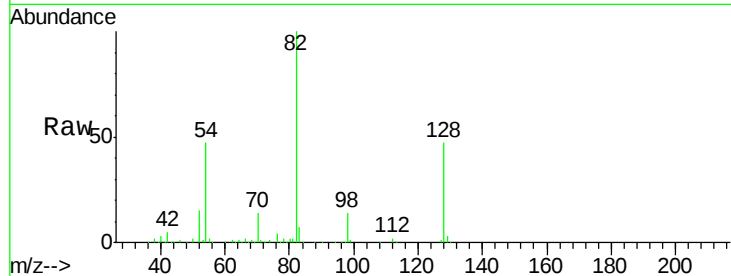




#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083797.D
Acq: 15 Dec 2015 4:29

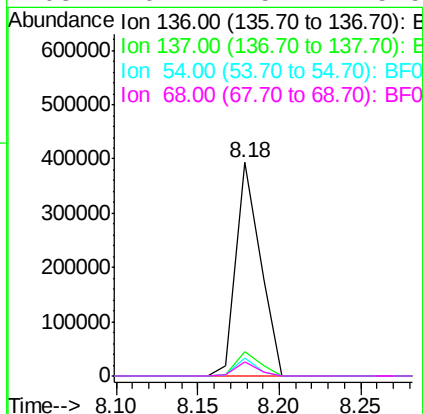
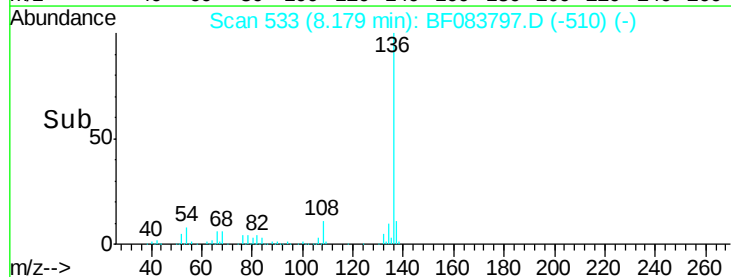
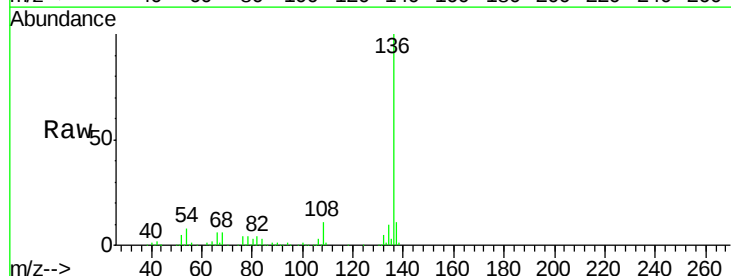
Instrument :
BNA_F
ClientSampleId :
W-51

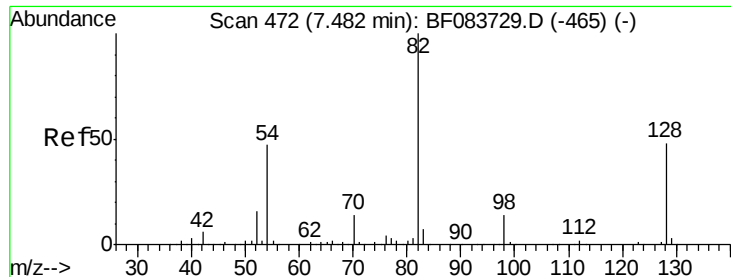
Tgt Ion: 70 Resp: 75561
Ion Ratio Lower Upper
70 100
42 38.5 49.2 73.8#
101 0.0 7.1 10.7#
130 2.3 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083797.D
Acq: 15 Dec 2015 4:29

Tgt Ion: 136 Resp: 405164
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.3 7.8 11.6
68 6.4 5.7 8.5

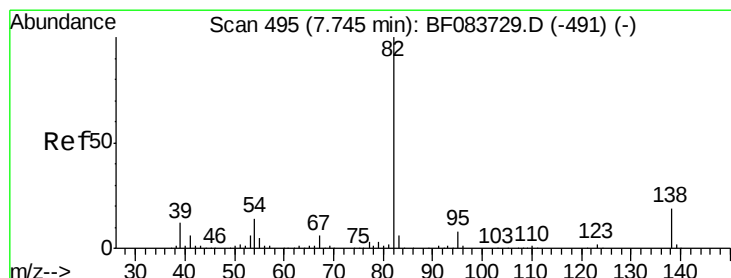
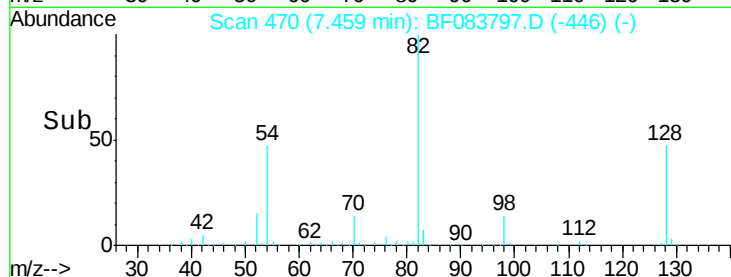
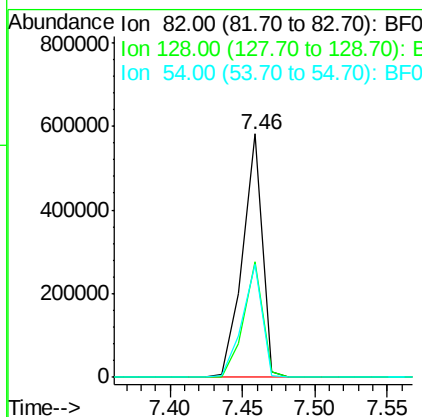
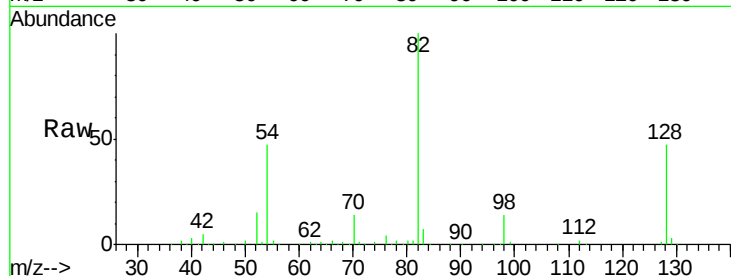




#23
 Nitrobenzene-d5
 Concen: 76.04 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

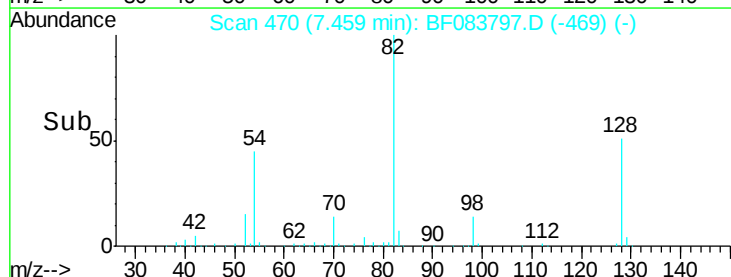
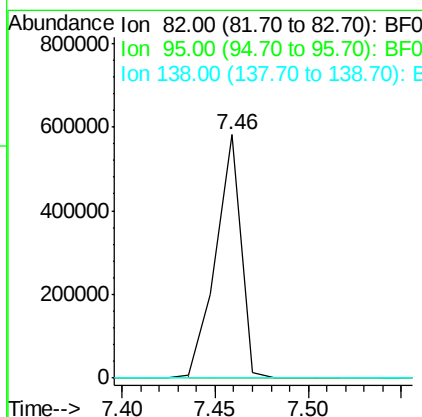
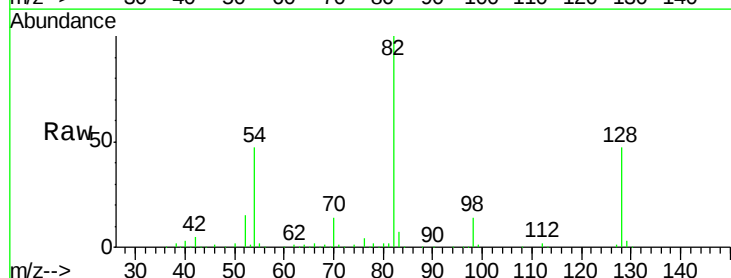
Instrument :
 BNA_F
 ClientSampleId :
 W-51

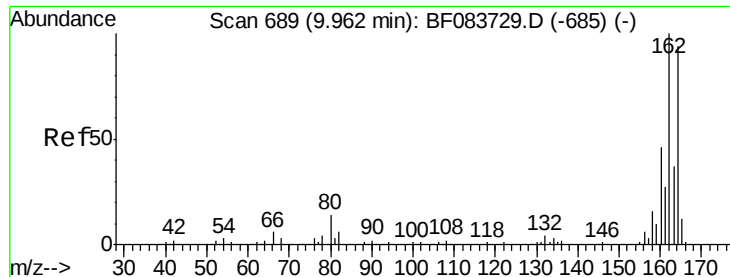
Tgt Ion: 82 Resp: 550706
 Ion Ratio Lower Upper
 82 100
 128 47.4 30.7 46.1#
 54 46.7 42.5 63.7



#25
 Isophorone
 Concen: 38.39 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion: 82 Resp: 545408
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

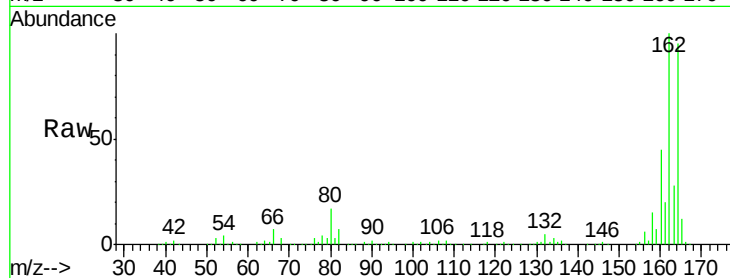
Tgt Ion:164 Resp: 216144

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

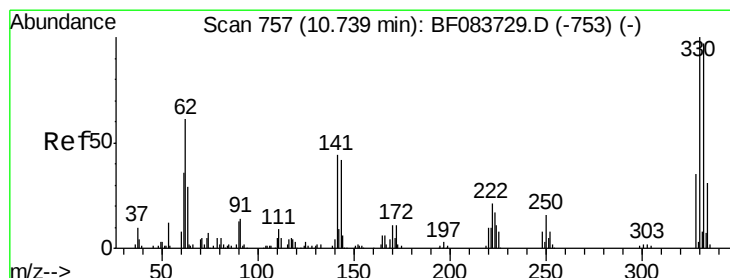
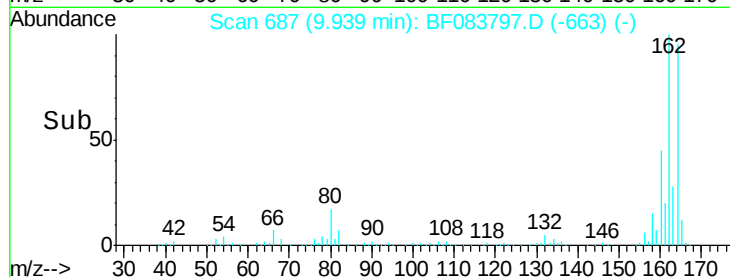
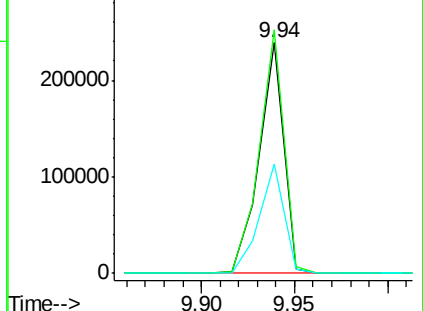
160 47.7 33.4 50.2



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: 141.10 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

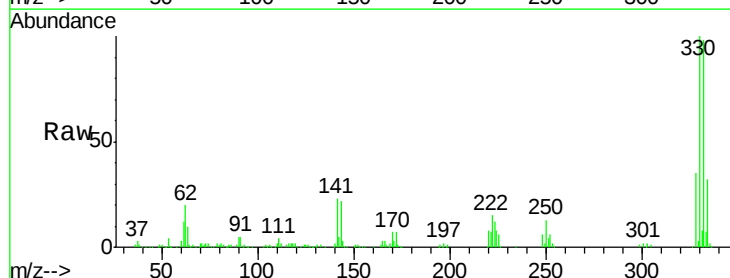
Tgt Ion:330 Resp: 310757

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

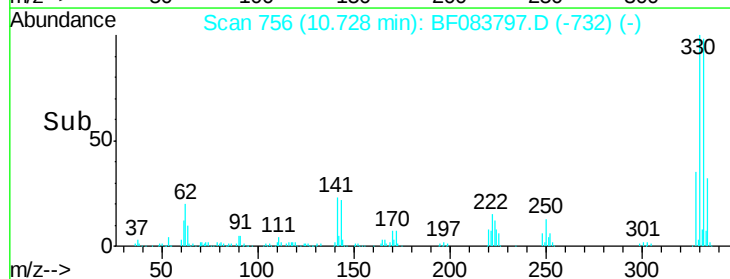
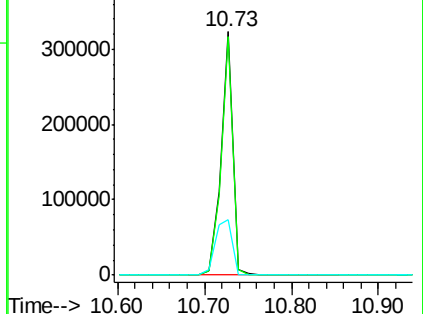
141 33.2 0.0 0.0#

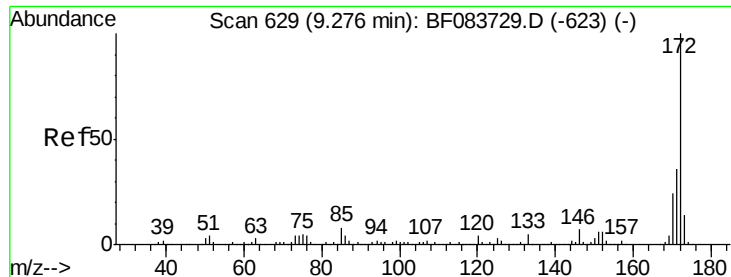


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

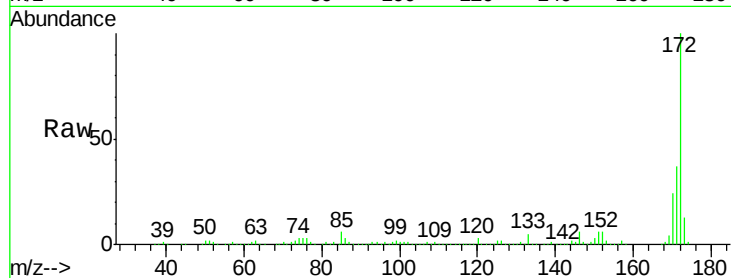




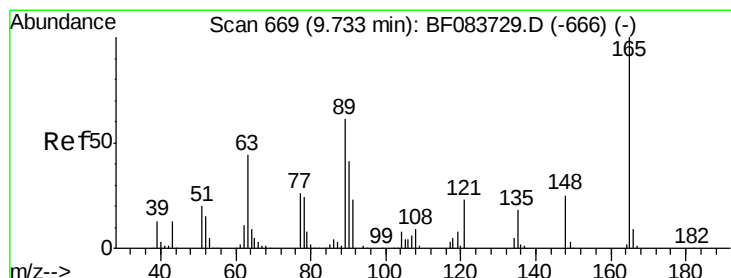
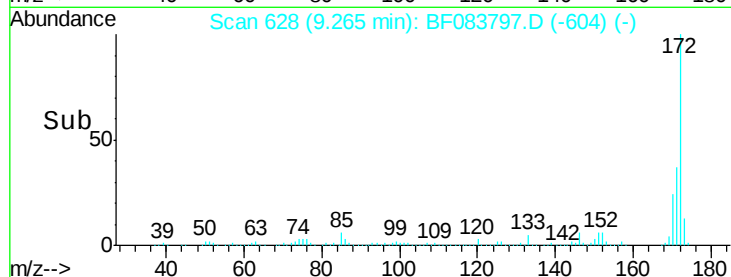
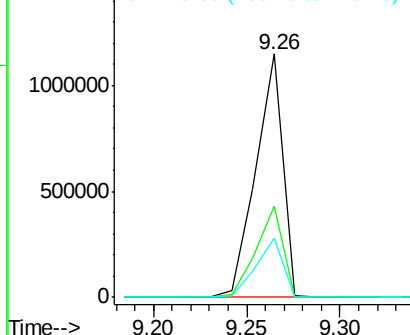
#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1167920
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.5 19.4 29.0

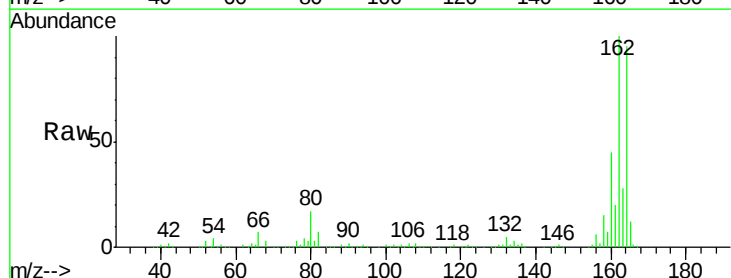


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

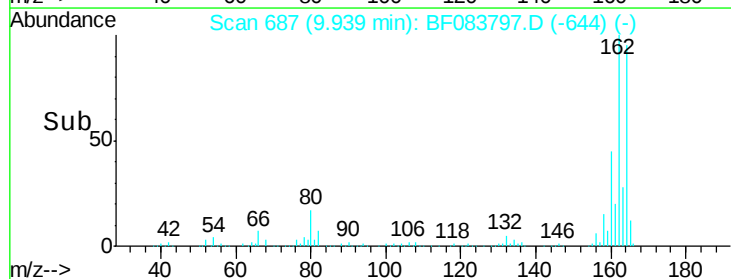
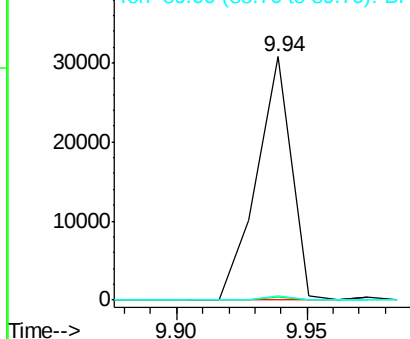


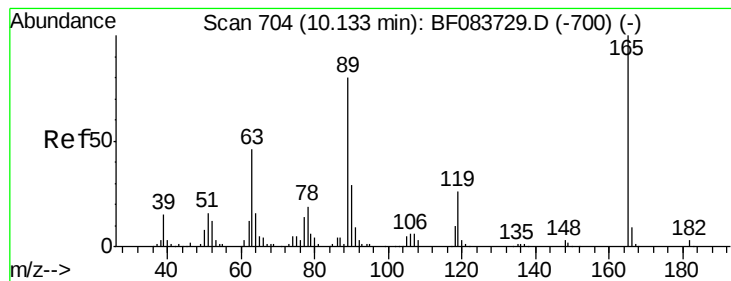
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion:165 Resp: 28410
 Ion Ratio Lower Upper
 165 100
 63 1.1 56.9 85.3#
 89 1.6 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: 6.14 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

Tgt Ion:165 Resp: 28664

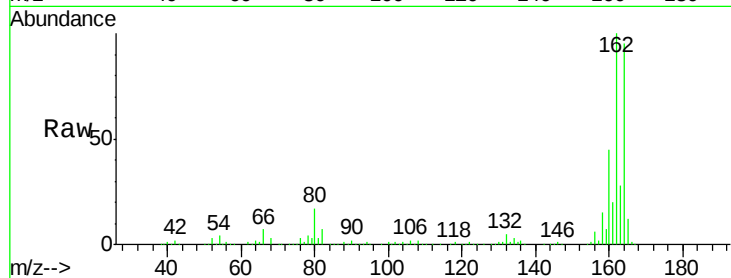
Ion Ratio Lower Upper

165 100

63 1.1 51.4 77.2#

89 1.6 72.6 108.8#

182 0.0 1.4 2.0#

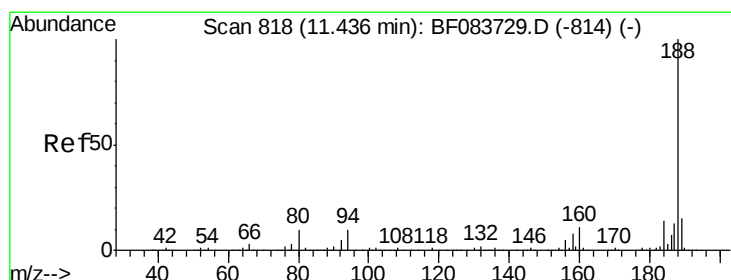
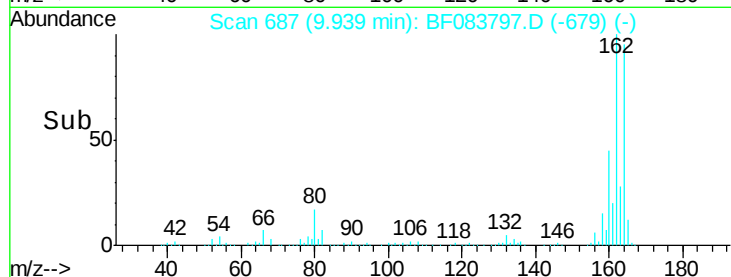
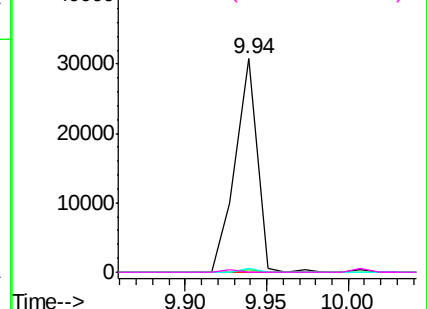


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083797.D

Acq: 15 Dec 2015 4:29

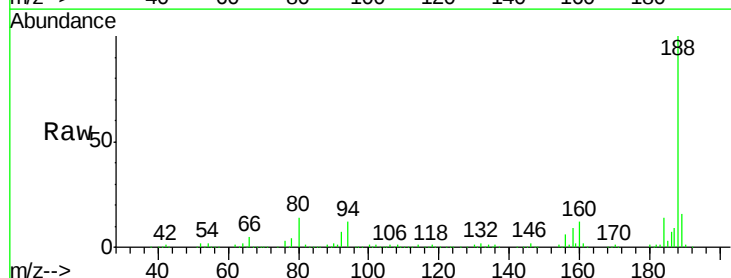
Tgt Ion:188 Resp: 392063

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

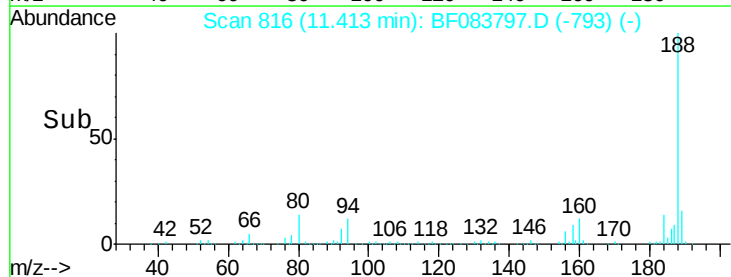
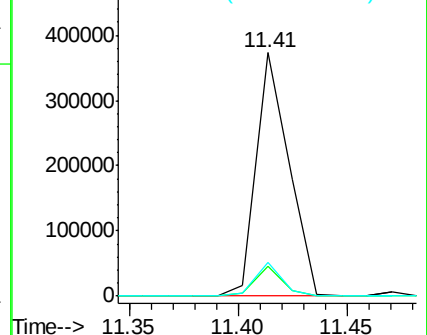
80 13.8 10.6 16.0

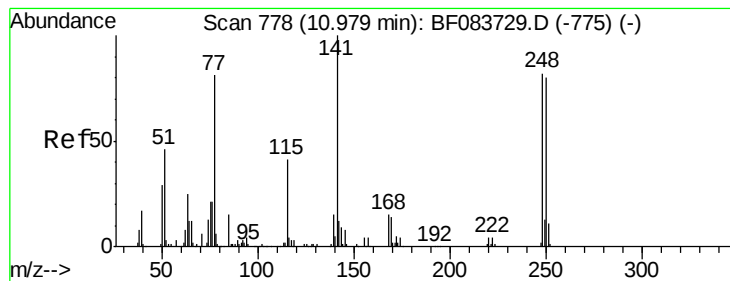


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.89 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF083797.D

Acq: 15 Dec 2015 4:29

Instrument :

BNA_F

ClientSampleId :

W-51

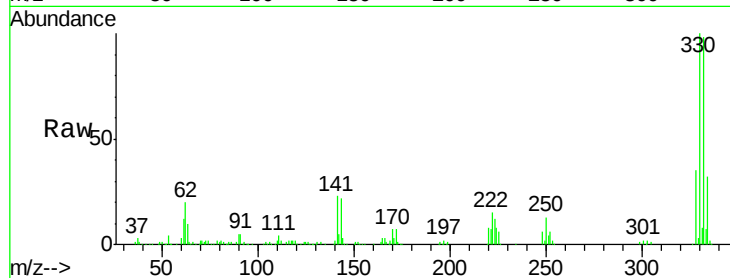
Tgt Ion:248 Resp: 21429

Ion Ratio Lower Upper

248 100

250 202.4 79.2 118.8#

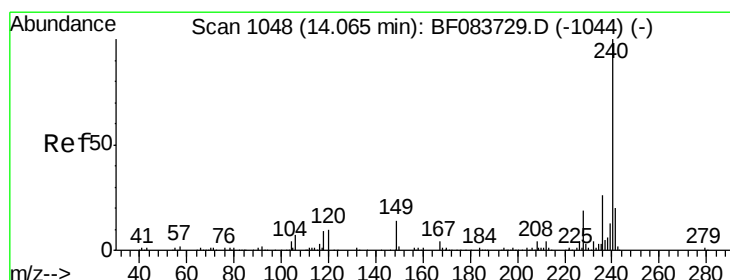
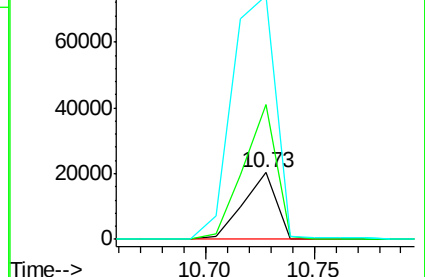
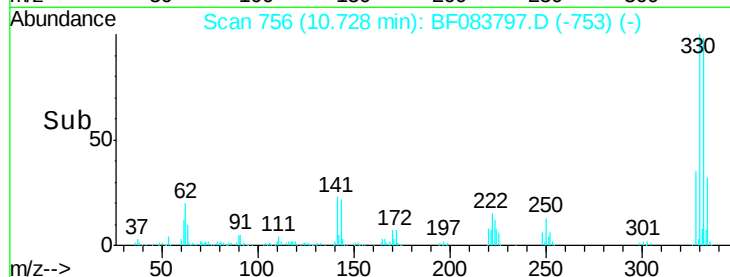
141 366.4 58.2 87.4#



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: BF083797.D

Acq: 15 Dec 2015 4:29

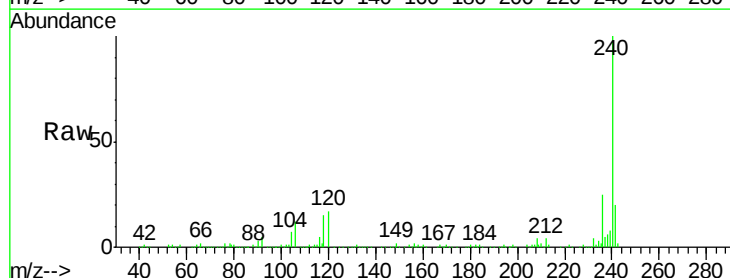
Tgt Ion:240 Resp: 359232

Ion Ratio Lower Upper

240 100

120 17.2 8.1 12.1#

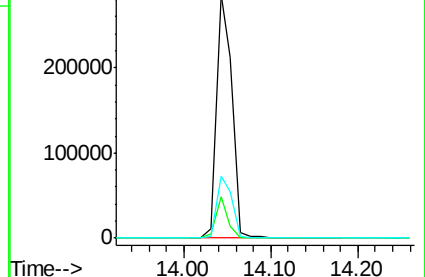
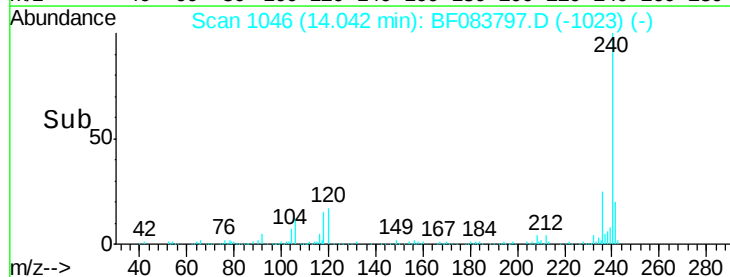
236 25.5 20.8 31.2

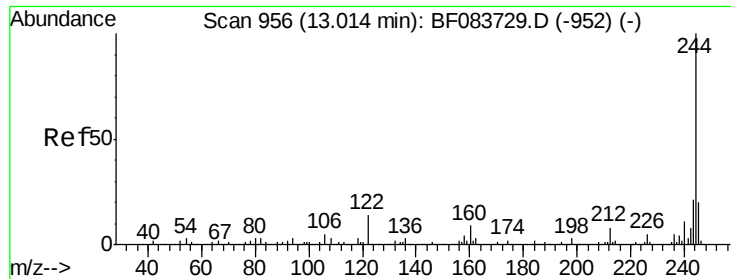


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

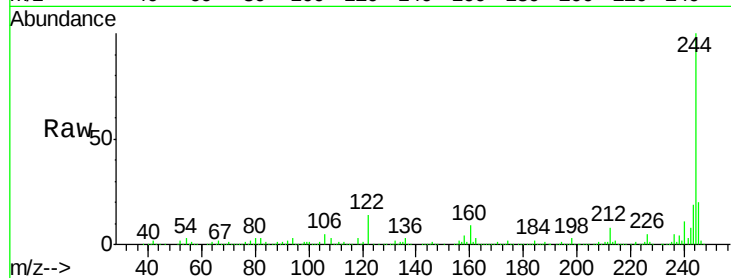




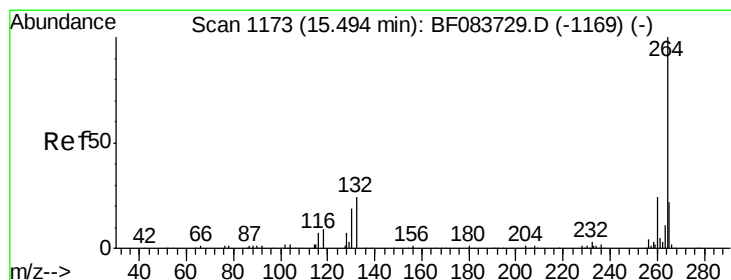
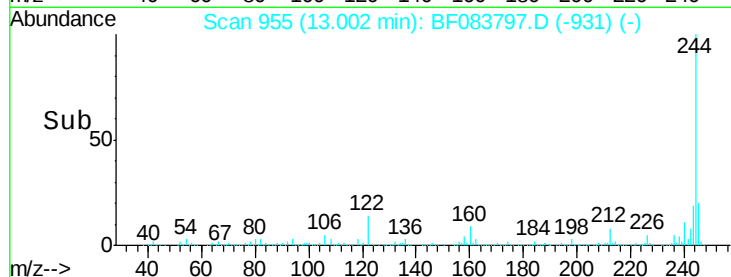
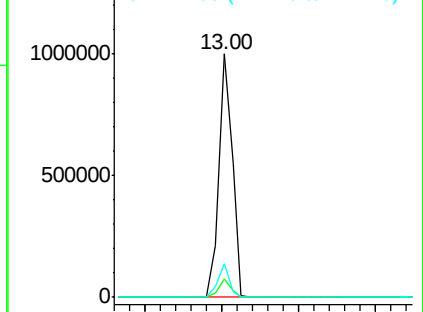
#78
 Terphenyl-d14
 Concen: 72.82 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 W-51

Tgt Ion:244 Resp: 1216060
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 13.7 11.0 16.6

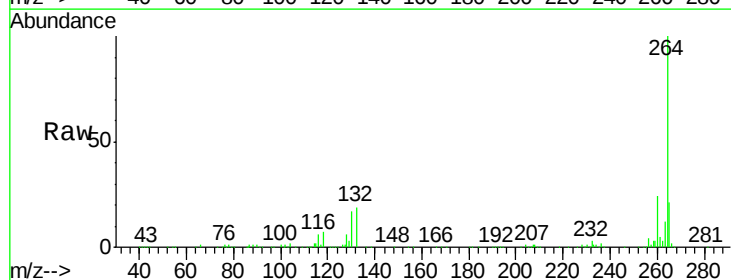


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083797.D
 Acq: 15 Dec 2015 4:29

Tgt Ion:264 Resp: 280394
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.1 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

