

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083794.D
 Acq On : 15 Dec 2015 3:04
 Operator : UM/IZ
 Sample : G4779-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-04

Quant Time: Dec 15 06:13:32 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

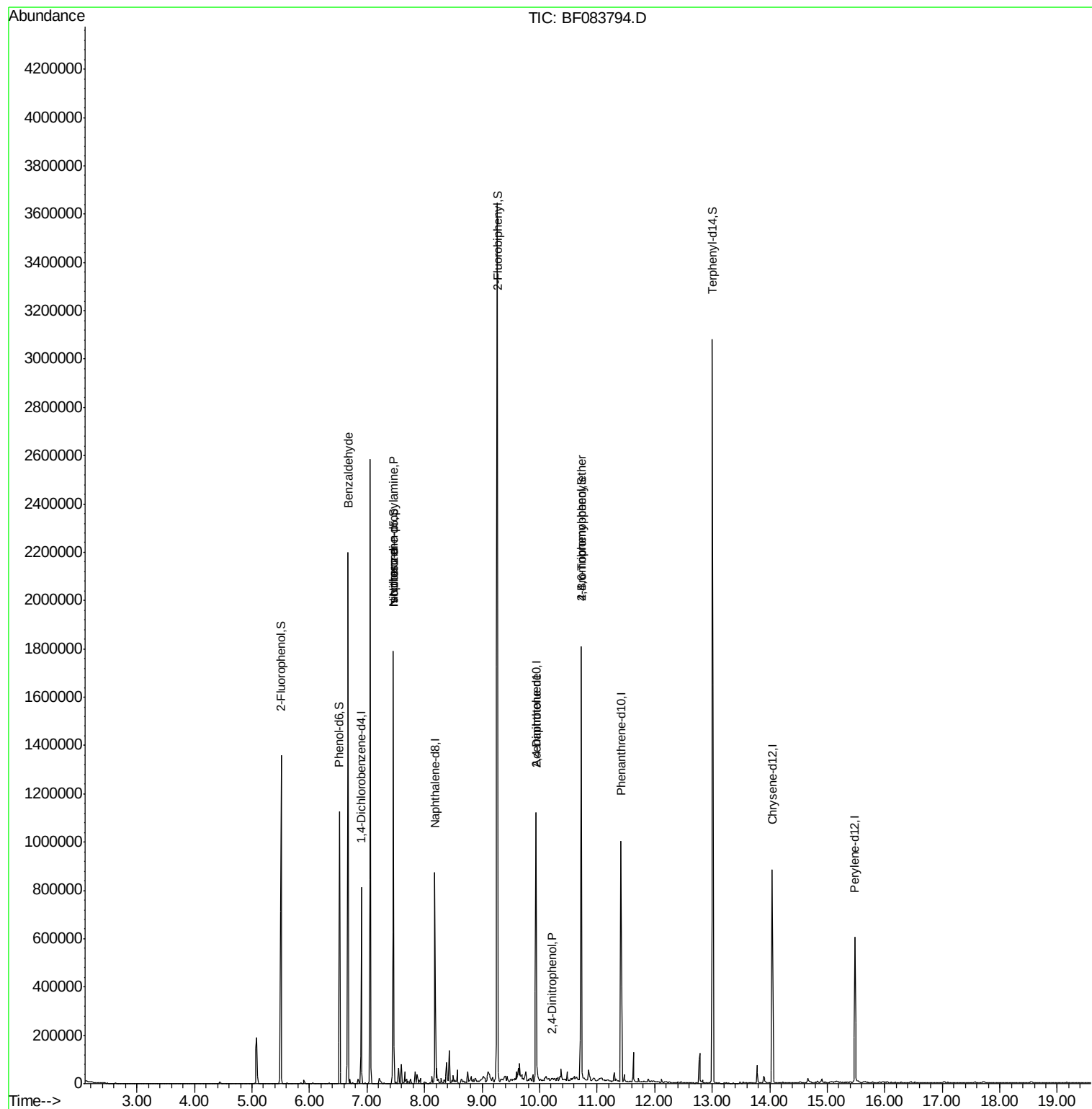
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114516	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	425983	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	222662	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	387920	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	342469	20.00	ng	-0.03
86) Perylene-d12	15.48	264	272690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	442659	62.36	ng	-0.02
7) Phenol-d6	6.52	99	348728	38.79	ng	-0.02
23) Nitrobenzene-d5	7.46	82	609032	79.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	314931	138.80	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1263182	82.32	ng	-0.02
78) Terphenyl-d14	13.00	244	1250119	78.52	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16232	3.36	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.46	70	84301	15.32	ng	# 71
25) Isophorone	7.46	82	603494	40.40	ng	# 69
53) 2,4-Dinitrophenol	10.22	184	228	2.51	ng	# 15
56) 2,4-Dinitrotoluene	9.94	165	29576	6.15	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	20994	4.84	ng	# 1

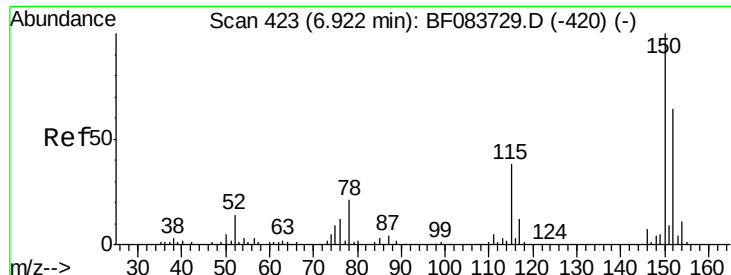
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083794.D

Acq: 15 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

PW-04

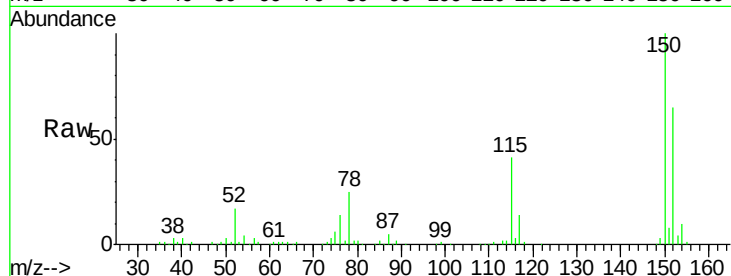
Tgt Ion:152 Resp: 114516

Ion Ratio Lower Upper

152 100

150 153.4 126.5 189.7

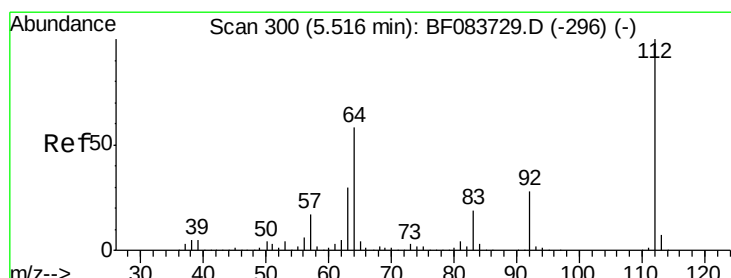
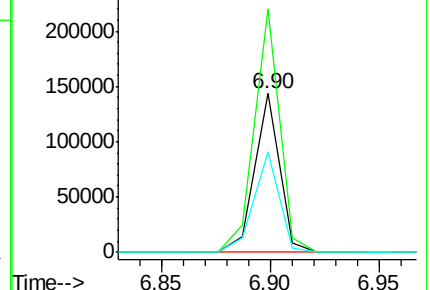
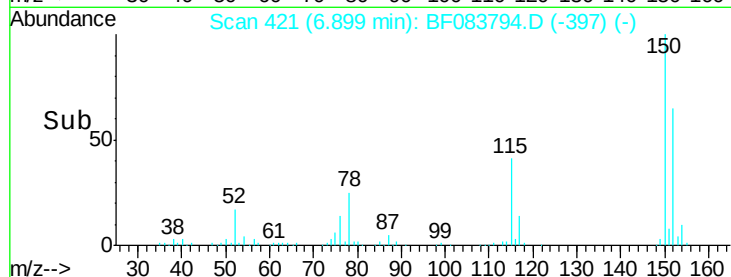
115 63.0 52.3 78.5



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: 62.36 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083794.D

Acq: 15 Dec 2015 3:04

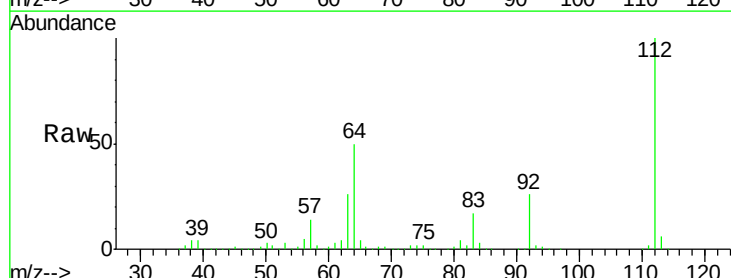
Tgt Ion:112 Resp: 442659

Ion Ratio Lower Upper

112 100

64 50.5 50.5 75.7#

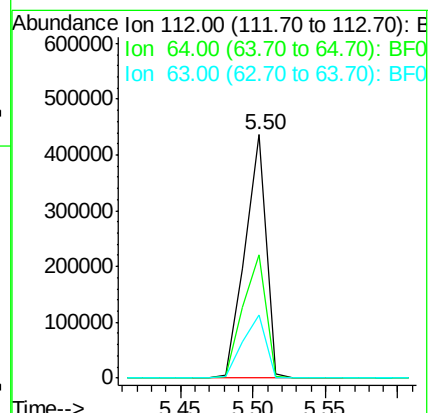
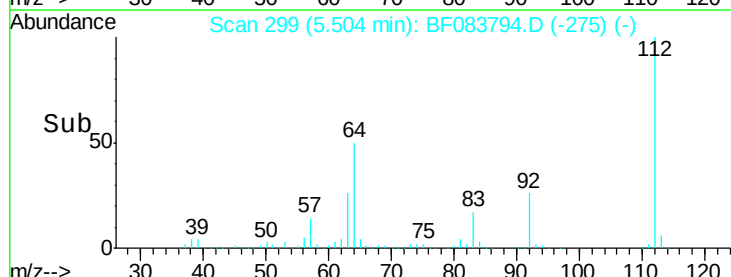
63 26.1 25.8 38.6

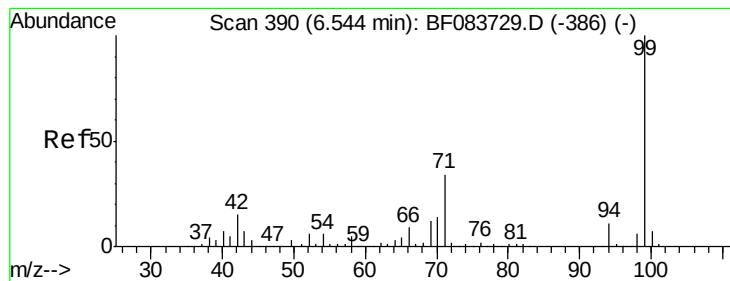


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.79 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083794.D

Acq: 15 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

PW-04

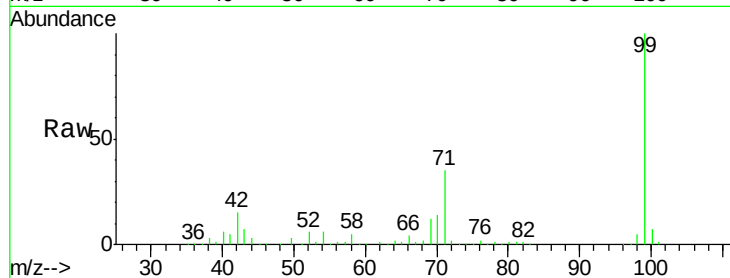
Tgt Ion: 99 Resp: 348728

Ion Ratio Lower Upper

99 100

42 15.1 17.3 25.9#

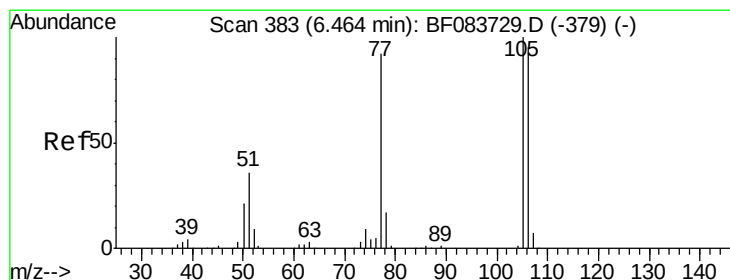
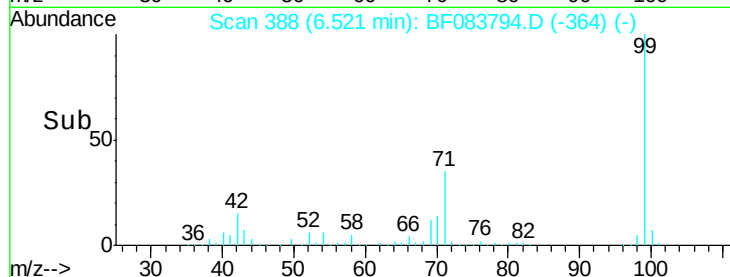
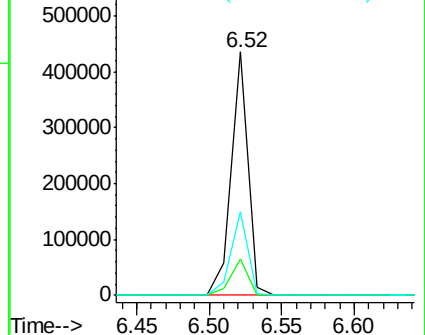
71 34.5 26.6 40.0



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: 3.36 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083794.D

Acq: 15 Dec 2015 3:04

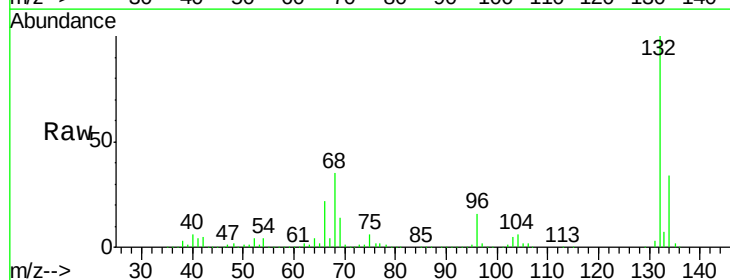
Tgt Ion: 77 Resp: 16232

Ion Ratio Lower Upper

77 100

105 94.6 71.8 111.8

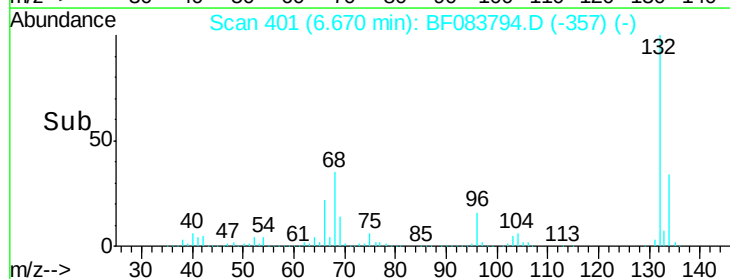
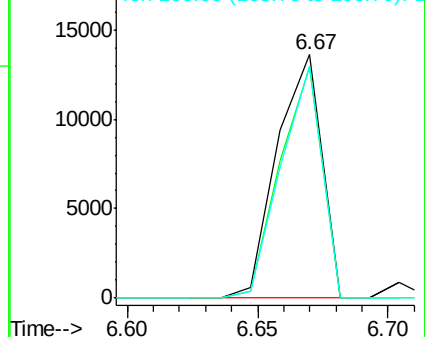
106 95.6 66.8 106.8

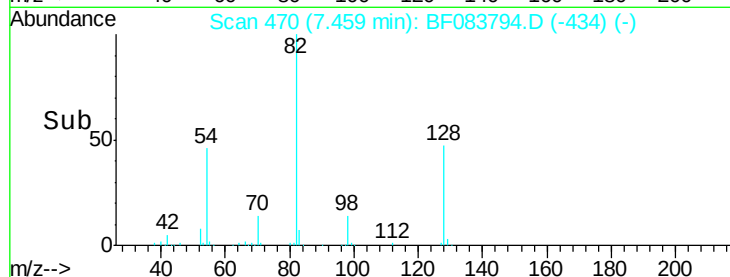
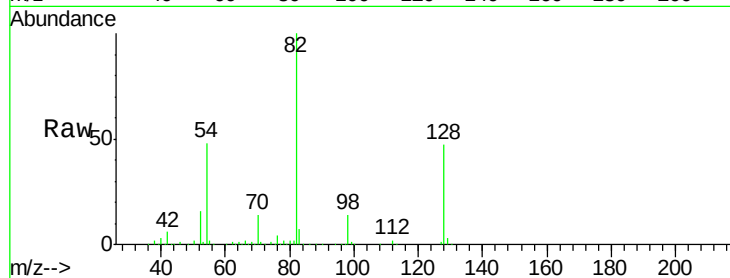
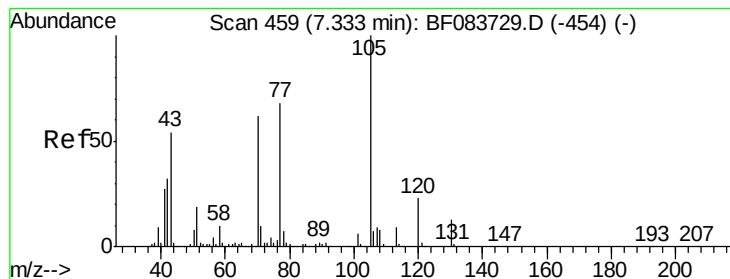


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.32 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083794.D

Acq: 15 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

PW-04

Tgt Ion: 70 Resp: 84301

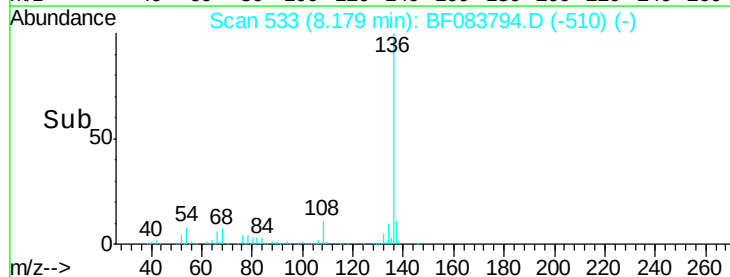
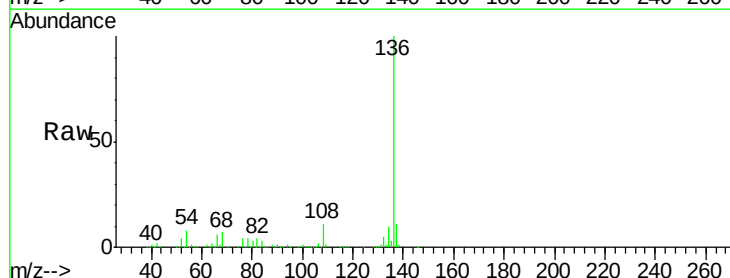
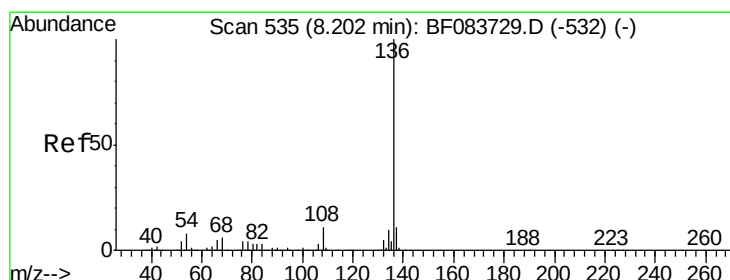
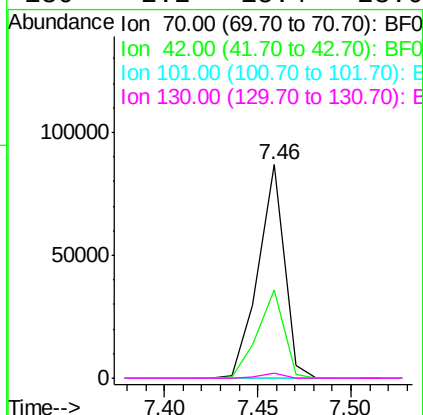
Ion Ratio Lower Upper

70 100

42 41.1 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 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: BF083794.D

Acq: 15 Dec 2015 3:04

Tgt Ion: 136 Resp: 425983

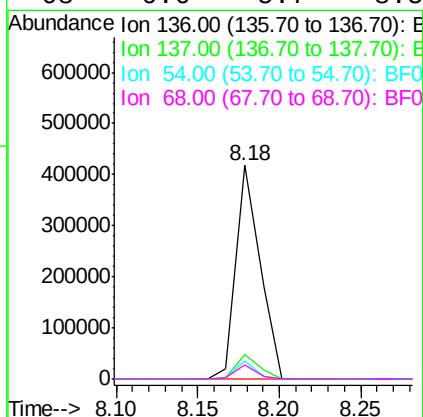
Ion Ratio Lower Upper

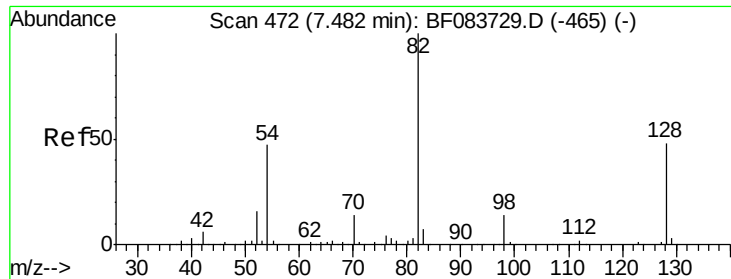
136 100

137 11.2 8.7 13.1

54 8.4 7.8 11.6

68 6.6 5.7 8.5

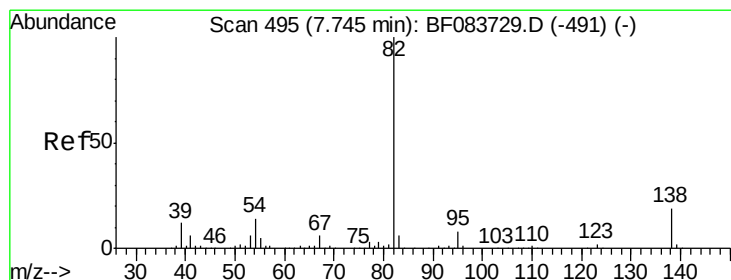
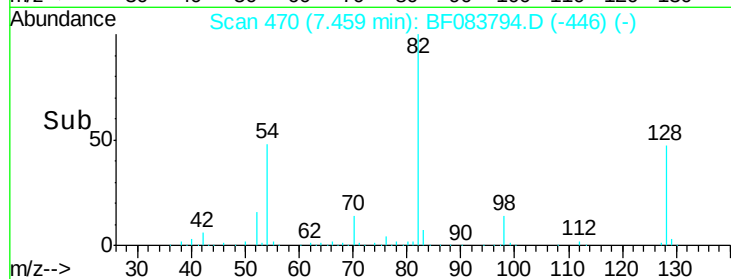
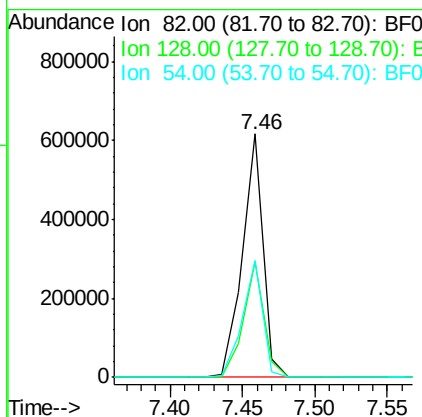
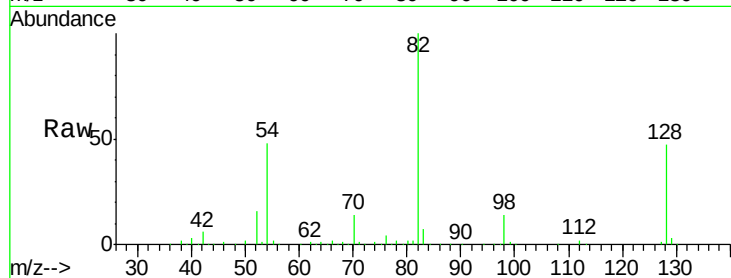




#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

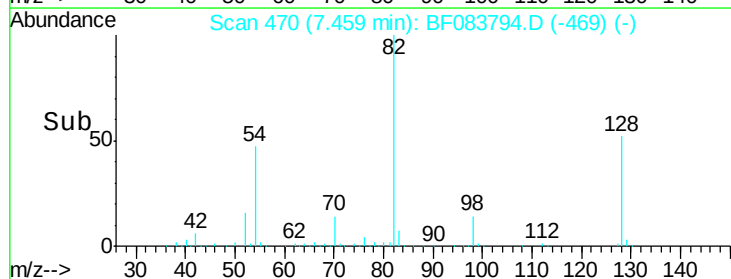
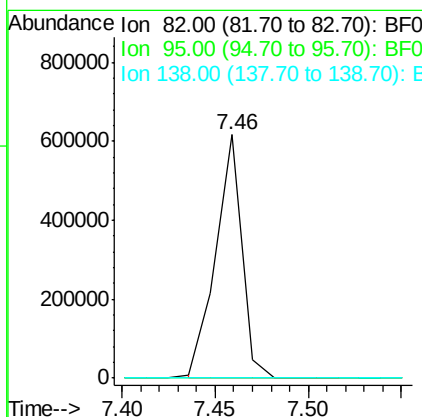
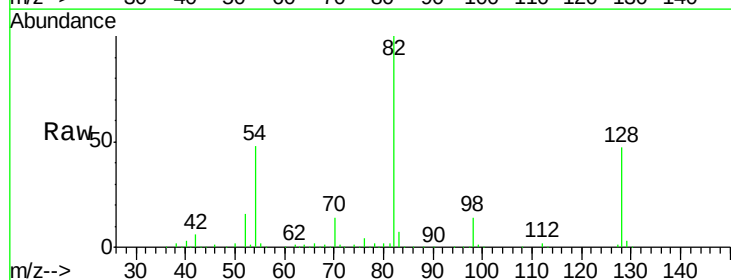
Instrument :
 BNA_F
 ClientSampleId :
 PW-04

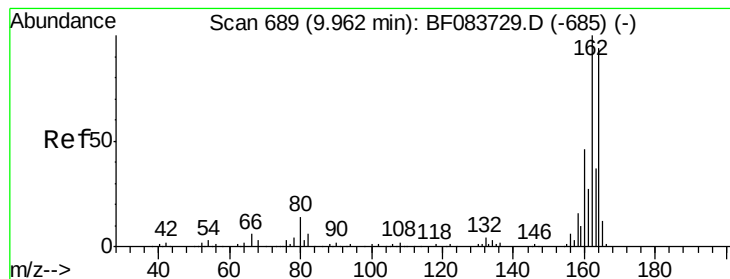
Tgt Ion: 82 Resp: 609032
 Ion Ratio Lower Upper
 82 100
 128 47.3 30.7 46.1#
 54 47.9 42.5 63.7



#25
 Isophorone
 Concen: 40.40 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Tgt Ion: 82 Resp: 603494
 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: BF083794.D

Acq: 15 Dec 2015 3:04

Instrument :

BNA_F

ClientSampleId :

PW-04

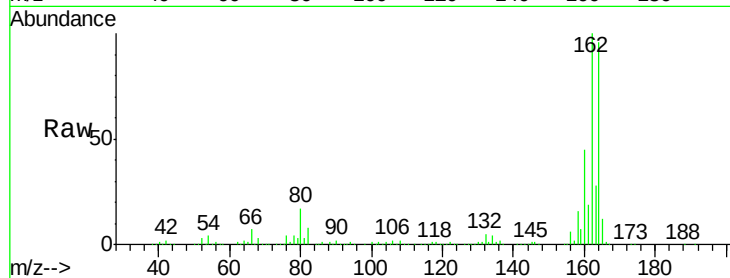
Tgt Ion:164 Resp: 222662

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

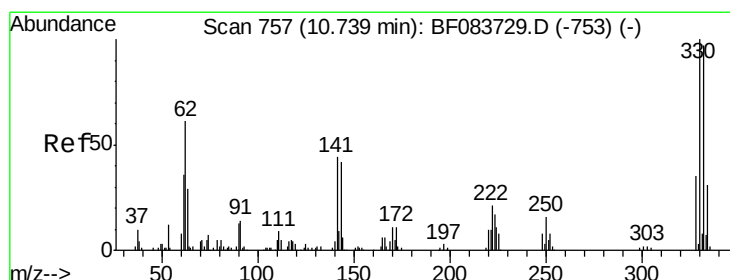
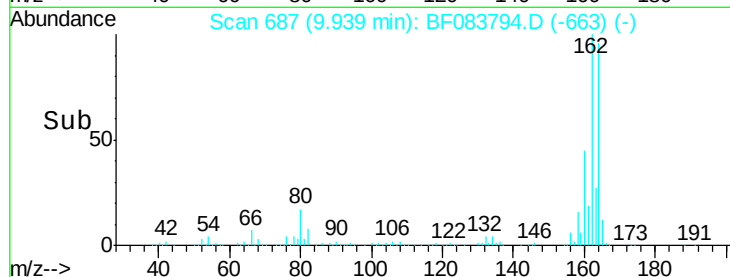
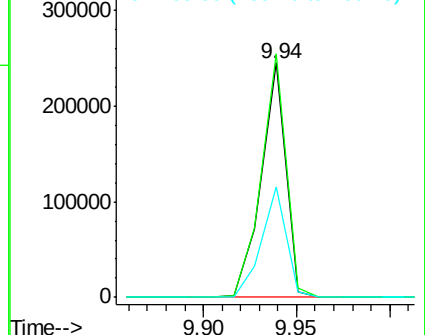
160 47.3 33.4 50.2



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: 138.80 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083794.D

Acq: 15 Dec 2015 3:04

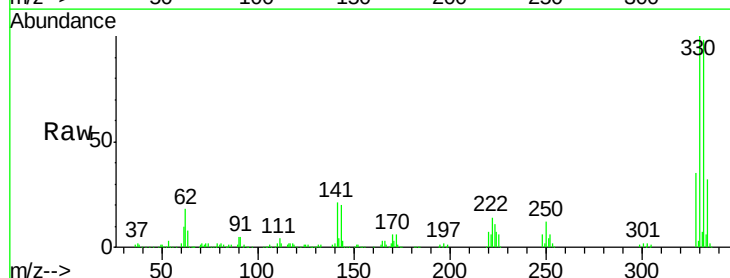
Tgt Ion:330 Resp: 314931

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

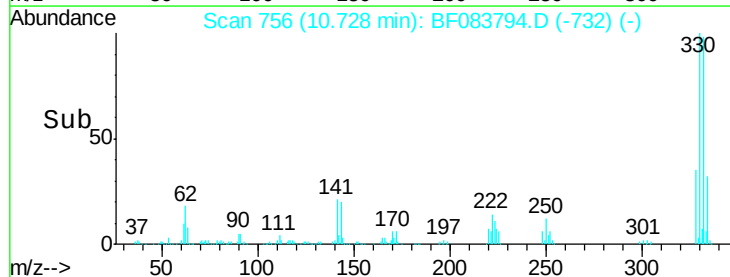
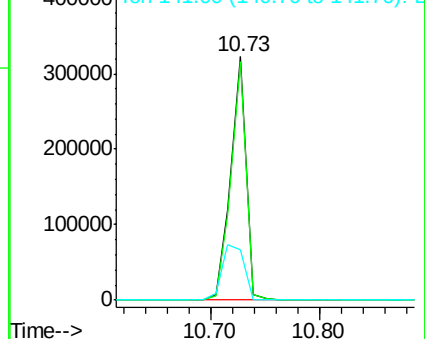
141 33.7 0.0 0.0#

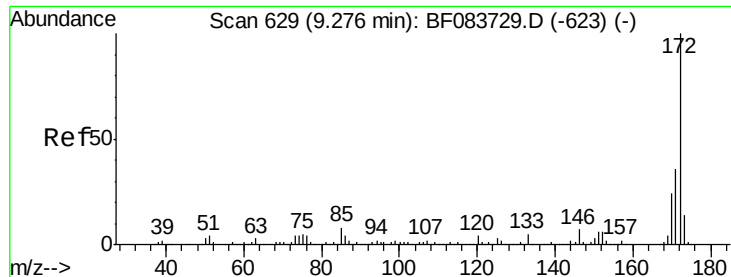


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

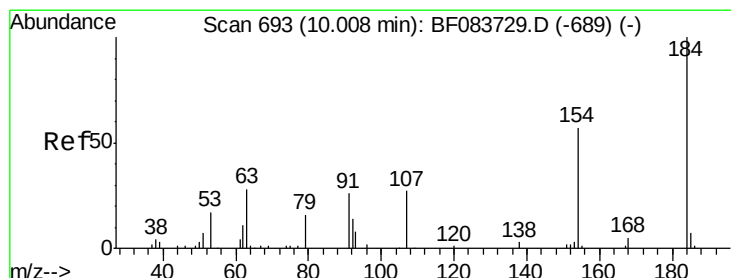
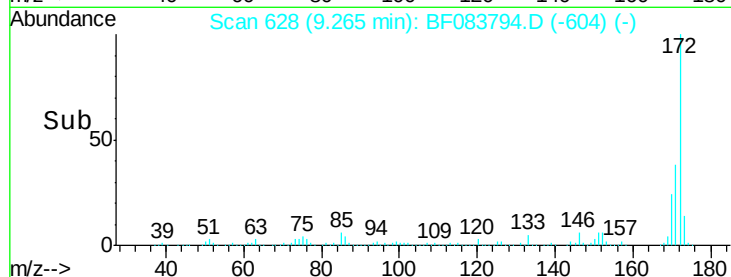
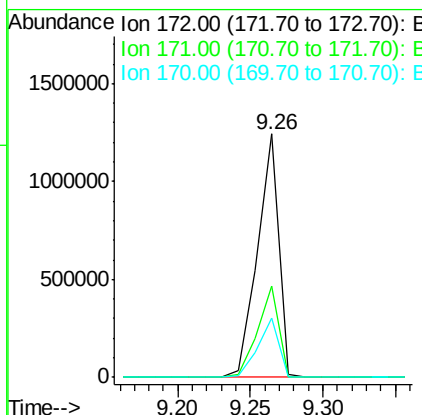
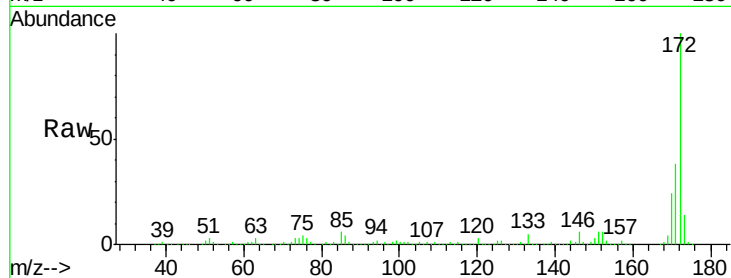




#44
 2-Fluorobiphenyl
 Concen: 82.32 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

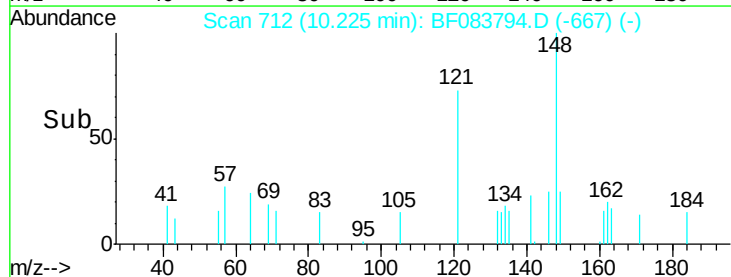
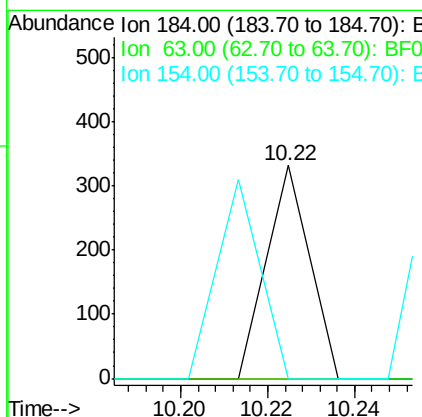
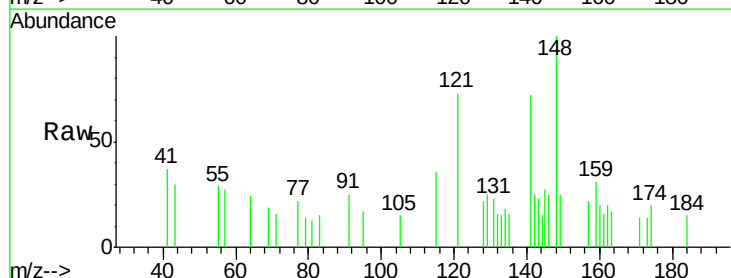
Instrument :
 BNA_F
 ClientSampleId :
 PW-04

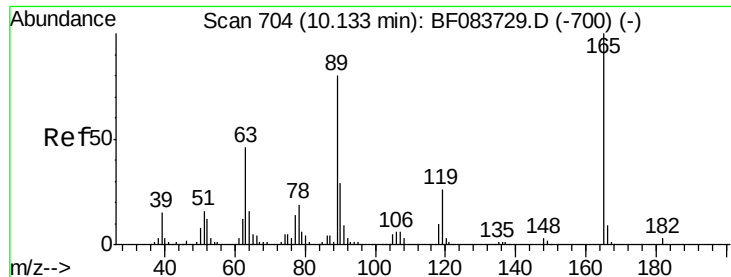
Tgt Ion:172 Resp: 1263182
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 24.4 19.4 29.0



#53
 2,4-Dinitrophenol
 Concen: 2.51 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.22 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Tgt Ion:184 Resp: 228
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.4 93.6#
 154 0.0 46.6 69.8#

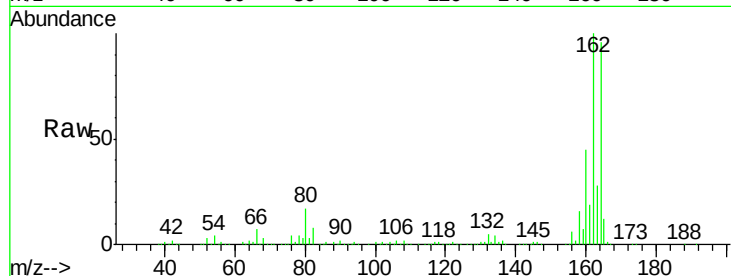




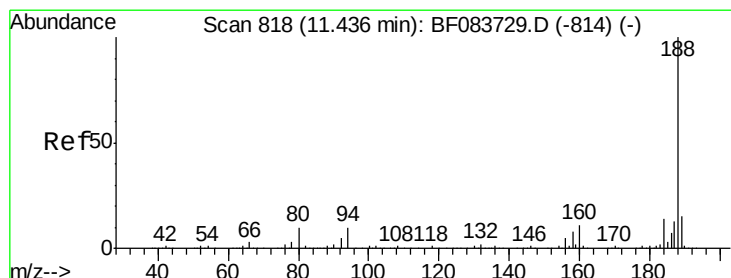
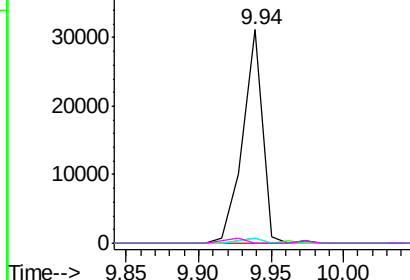
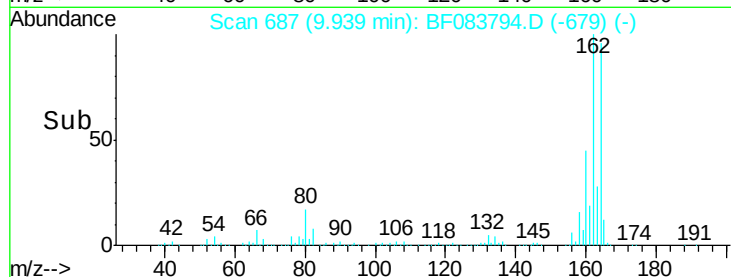
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion:165 Resp: 29576
Ion Ratio Lower Upper
165 100
63 2.2 51.4 77.2#
89 2.3 72.6 108.8#
182 0.0 1.4 2.0#

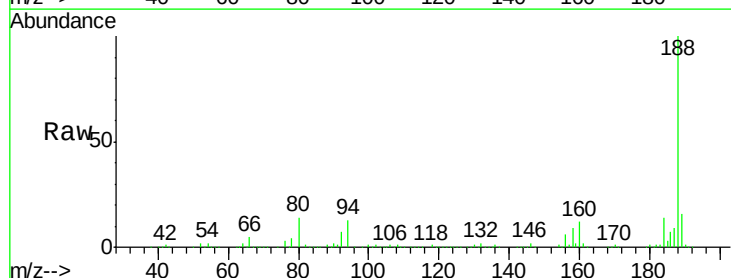


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

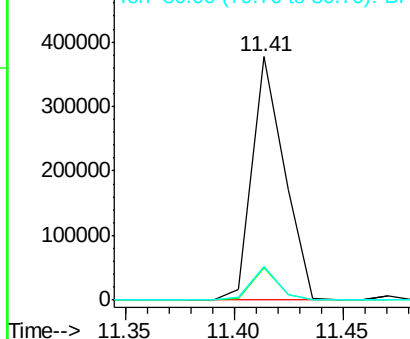
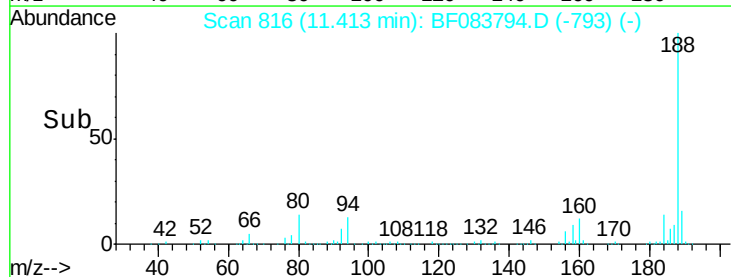


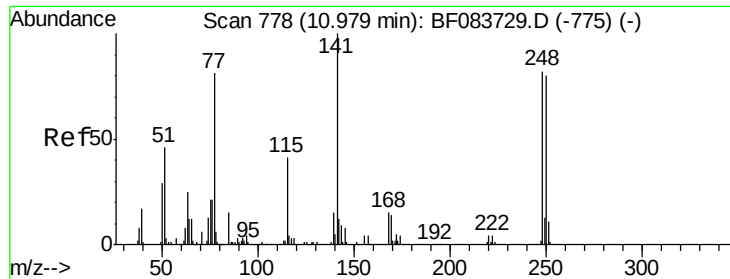
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:188 Resp: 387920
Ion Ratio Lower Upper
188 100
94 13.2 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

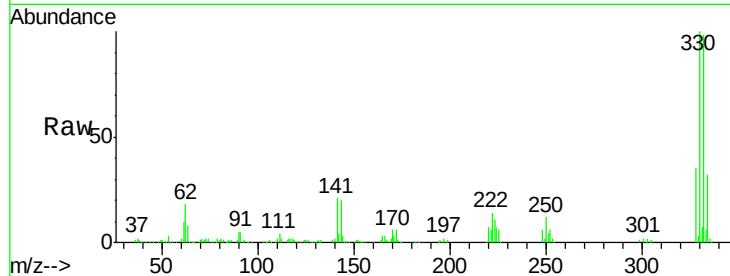




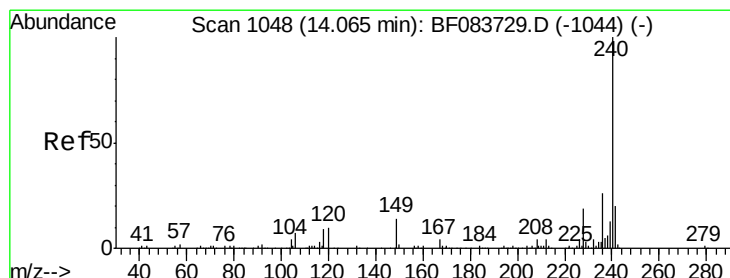
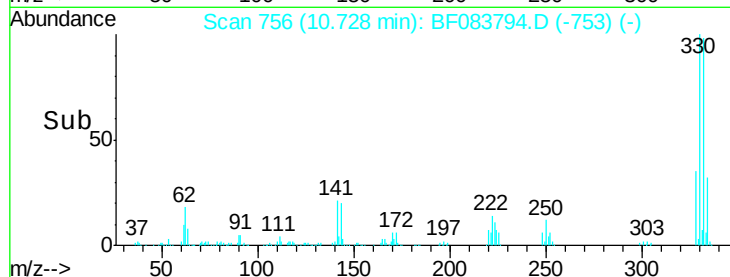
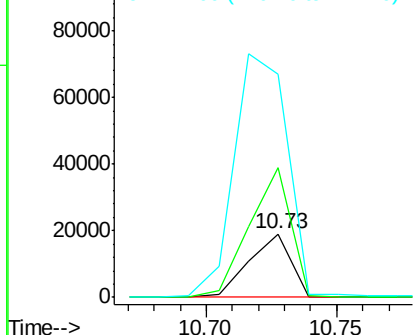
#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PW-04

Tgt Ion:248 Resp: 20994
 Ion Ratio Lower Upper
 248 100
 250 204.5 79.2 118.8#
 141 352.9 58.2 87.4#

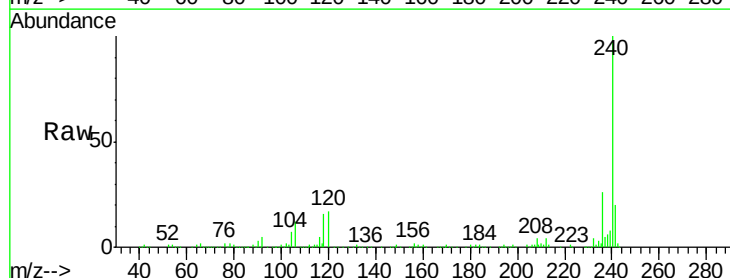


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

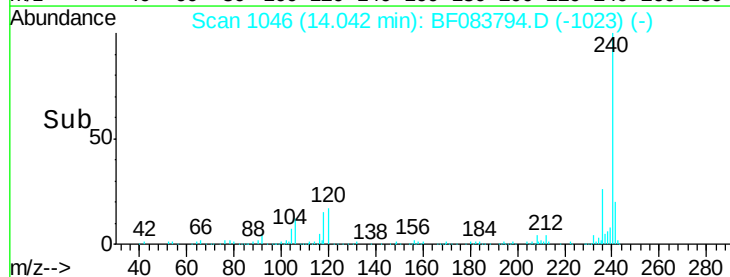
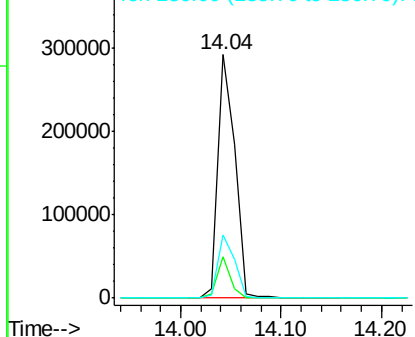


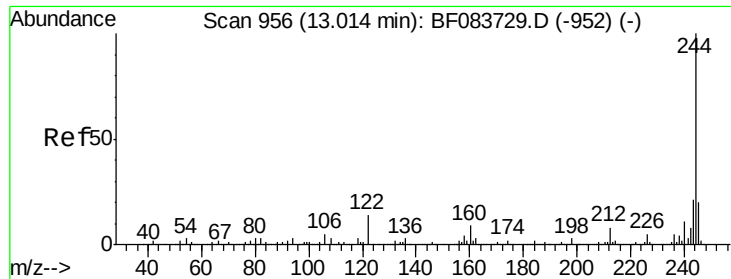
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Tgt Ion:240 Resp: 342469
 Ion Ratio Lower Upper
 240 100
 120 17.3 8.1 12.1#
 236 25.9 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

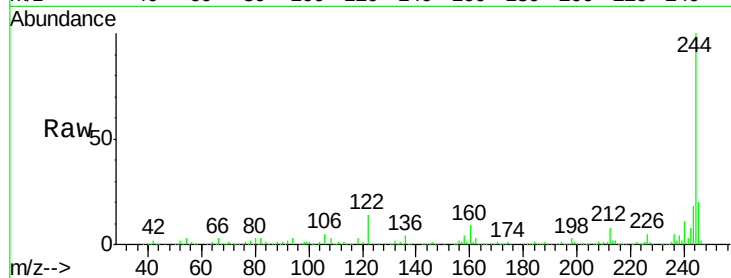




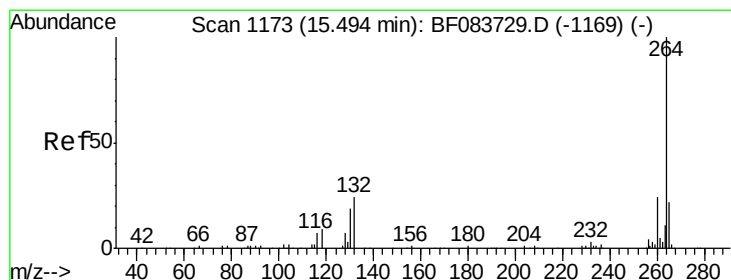
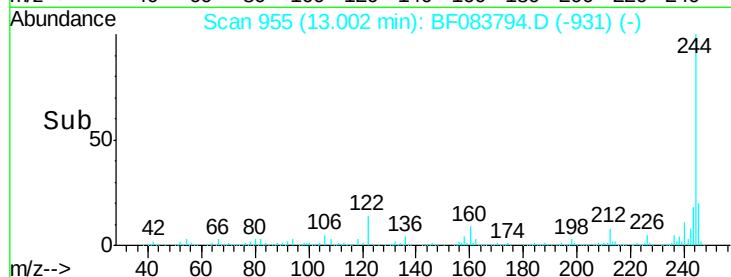
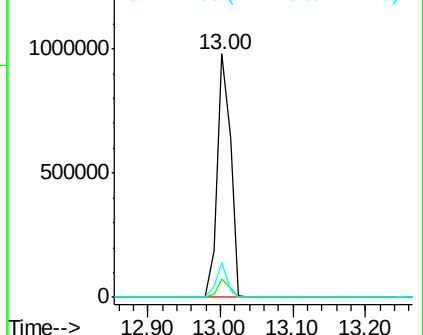
#78
 Terphenyl-d14
 Concen: 78.52 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PW-04

Tgt Ion:244 Resp: 1250119
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.2 11.0 16.6

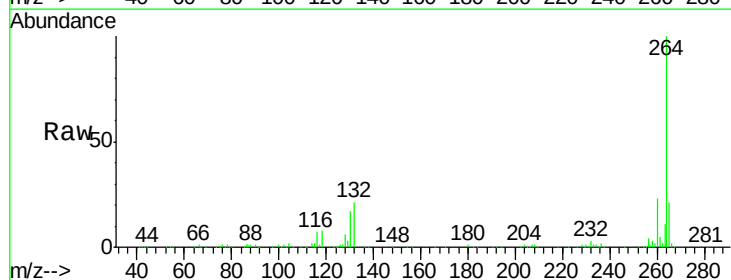


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083794.D
 Acq: 15 Dec 2015 3:04

Tgt Ion:264 Resp: 272690
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.0
 265 20.9 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

