

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083748.D
 Acq On : 14 Dec 2015 00:04
 Operator : UM/IZ
 Sample : G4743-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:35:12 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	6.92	152	135728	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550626	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	250055	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	459562	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	314972	20.00	ng	-0.02
86) Perylene-d12	15.49	264	238763	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1108472	131.75	ng	0.00
7) Phenol-d6	6.54	99	1394854	130.92	ng	0.00
23) Nitrobenzene-d5	7.48	82	956028	97.14	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	345250	135.50	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1294959	72.65	ng	-0.01
78) Terphenyl-d14	13.01	244	1307003	89.26	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.56	93	407	0.03	ng	# 1
8) 2-Chlorophenol	6.70	128	665	0.07	ng	95
9) Benzaldehyde	6.68	77	27259	4.76	ng	90
10) Phenol	6.56	94	19611	1.60	ng	# 44
11) bis(2-Chloroethyl)ether	6.69	93	1960	0.22	ng	# 1
15) Benzyl Alcohol	7.07	79	14868	1.90	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1551	0.13	ng	# 1
17) 2-Methylphenol	7.05	107	413	0.05	ng	# 45
19) n-Nitroso-di-n-propylamine	7.48	70	128904	19.76	ng	# 68
22) Acetophenone	7.32	105	296	0.02	ng	# 45
24) Nitrobenzene	7.48	77	2990	0.29	ng	# 42
25) Isophorone	7.48	82	892530	46.22	ng	# 69
31) Naphthalene	8.32	128	1413	0.05	ng	# 1
35) Caprolactam	8.64	113	254	0.10	ng	# 66
45) 1,1'-Biphenyl	9.28	154	2567	0.12	ng	# 1
47) 2-Nitroaniline	9.66	65	3565	0.77	ng	# 1
49) Dimethylphthalate	9.66	163	366584	18.80	ng	99
50) 2,6-Dinitrotoluene	9.71	165	1049	0.25	ng	# 16
51) Acenaphthene	9.95	154	809	0.05	ng	# 4
54) Dibenzofuran	10.16	168	414	0.02	ng	# 47
56) 2,4-Dinitrotoluene	9.95	165	31842	5.89	ng	# 12
57) Fluorene	10.74	166	15598	0.90	ng	# 89
59) Diethylphthalate	10.37	149	2071	0.10	ng	# 77
62) Azobenzene	10.66	77	302	0.02	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	817	0.31	ng	# 1
65) n-Nitrosodiphenylamine	10.61	169	407	0.03	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	24023	4.67	ng	# 1
70) Phenanthrene	11.46	178	1739	0.07	ng	# 60
71) Anthracene	11.46	178	1739	0.07	ng	# 60
73) Di-n-butylphthalate	12.00	149	6032	0.21	ng	# 95
74) Fluoranthene	12.64	202	340	0.01	ng	64
77) Pyrene	12.86	202	400	0.02	ng	# 57
79) Butylbenzylphthalate	13.55	149	206	0.02	ng	# 21
80) Benzo(a)anthracene	14.05	228	1346	0.08	ng	# 51

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

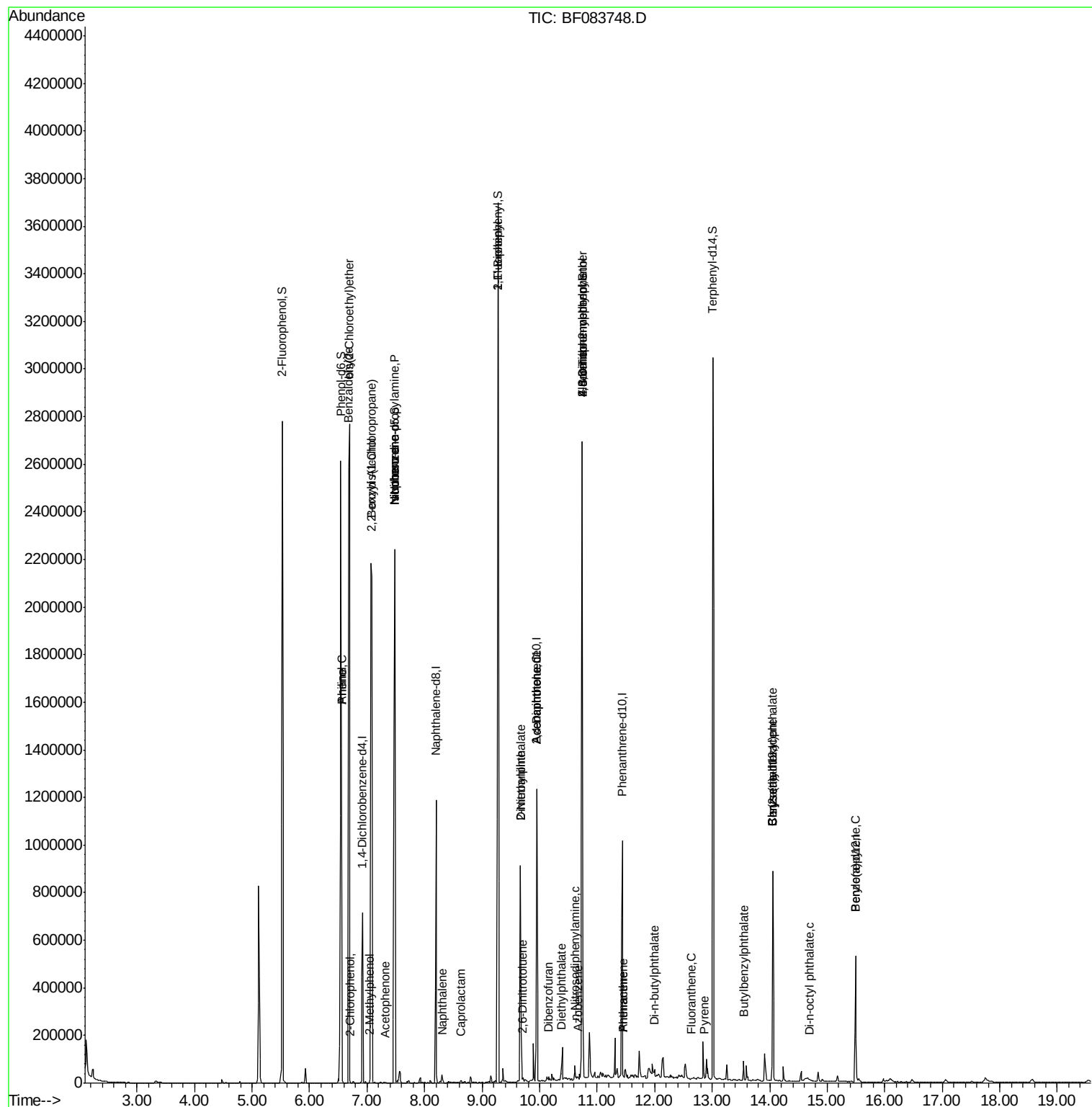
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.05	228	1346	0.08	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.05	149	1756	0.14	ng	# 90
84) Di-n-octyl phthalate	14.69	149	259	0.01	ng	# 100
89) Benzo(a)pyrene	15.49	252	408	0.03	ng	# 59

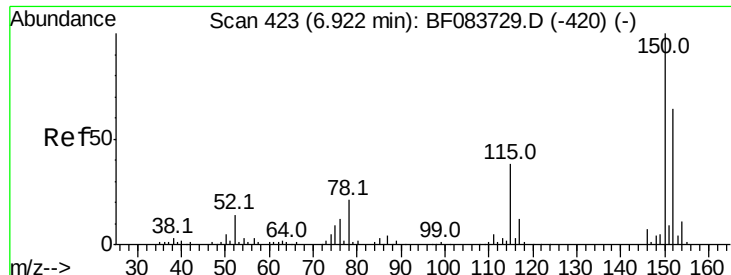
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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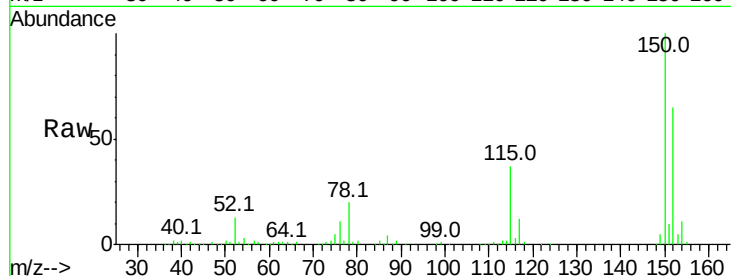


#1

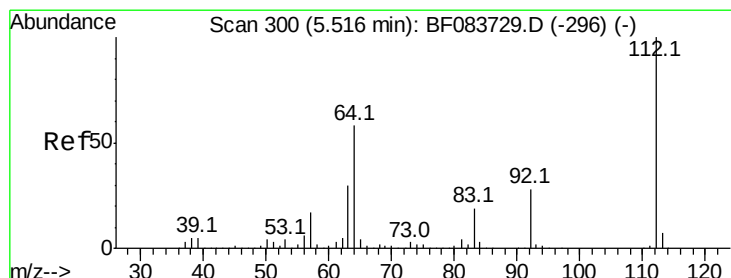
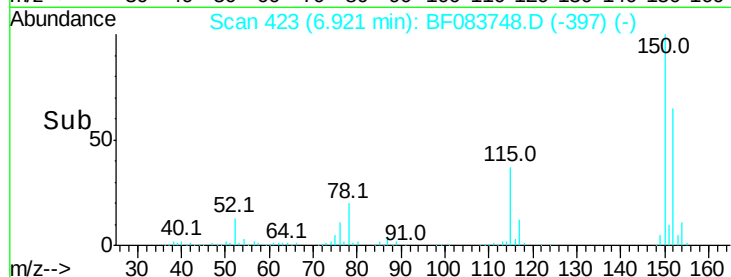
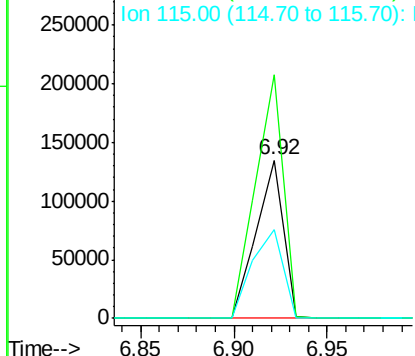
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 135728
Ion Ratio Lower Upper
152 100
150 154.3 126.5 189.7
115 56.3 52.3 78.5



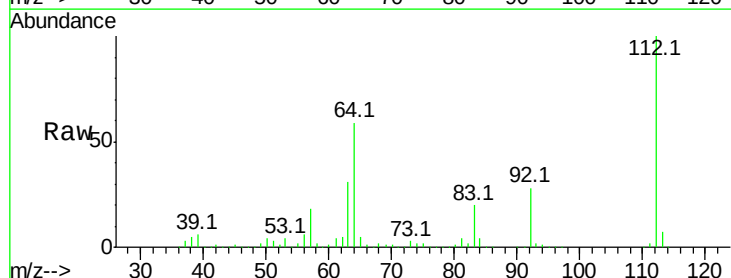
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



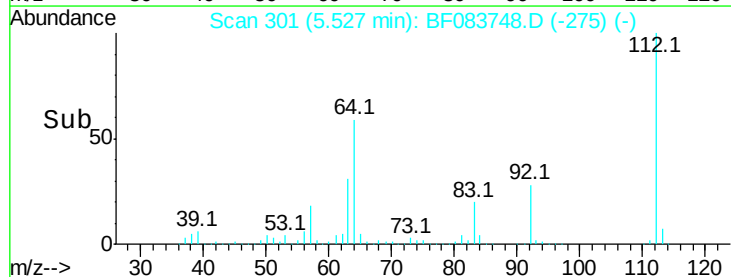
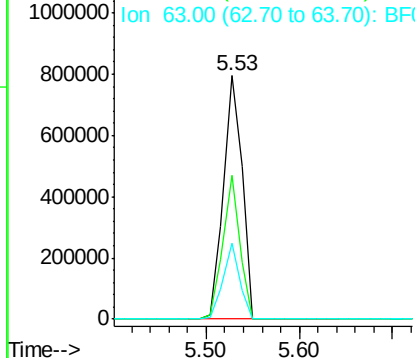
#5

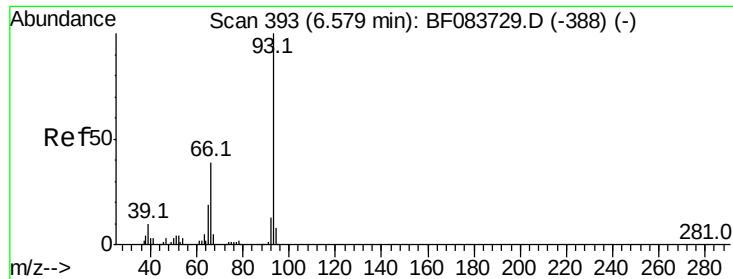
2-Fluorophenol
Concen: 131.75 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion:112 Resp: 1108472
Ion Ratio Lower Upper
112 100
64 59.2 50.5 75.7
63 30.9 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





#6

Aniline

Concen: 0.03 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

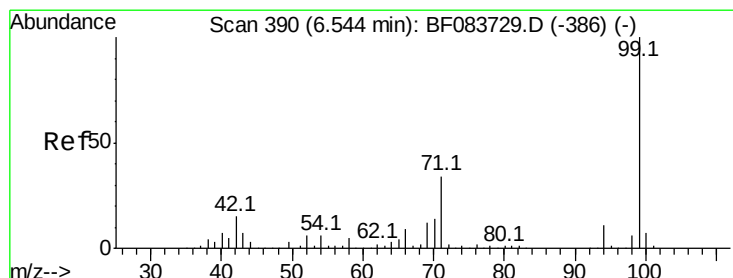
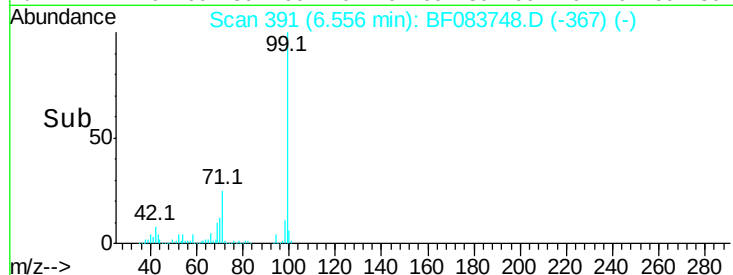
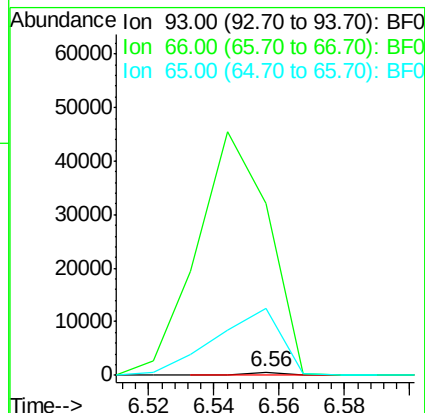
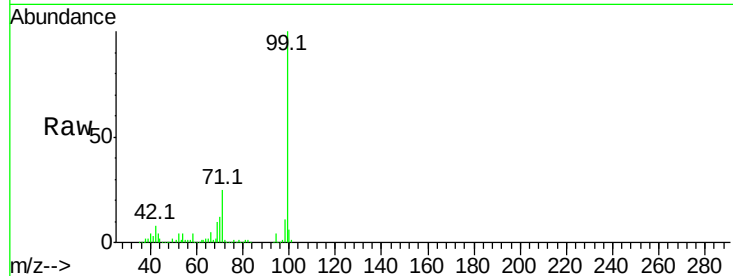
Tot Ion: 93 Resp: 407

Ion Ratio Lower Upper

93 100

66 5397.6 41.3 61.9#

65 2098.0 20.8 31.2#



#7

Phenol-d6

Concen: 130.92 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

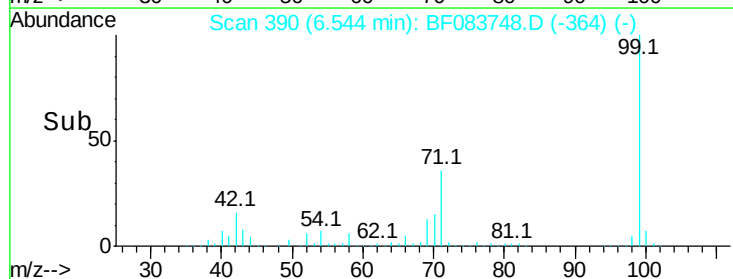
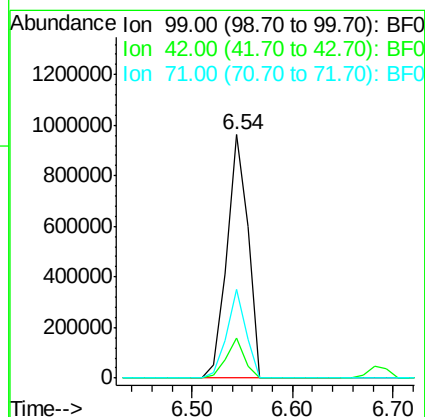
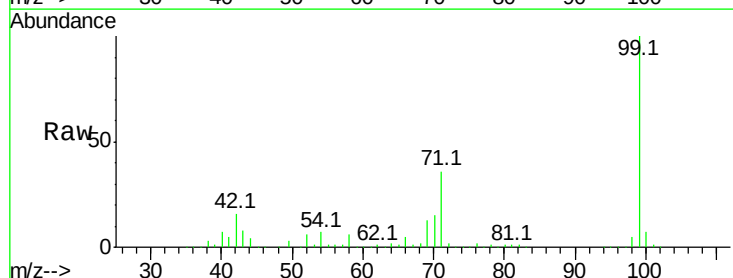
Tgt Ion: 99 Resp: 1394854

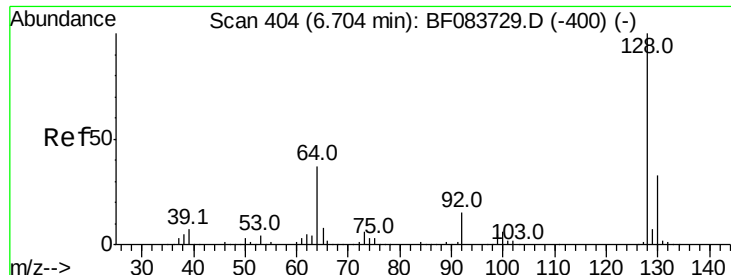
Ion Ratio Lower Upper

99 100

42 16.4 17.3 25.9#

71 36.3 26.6 40.0





#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

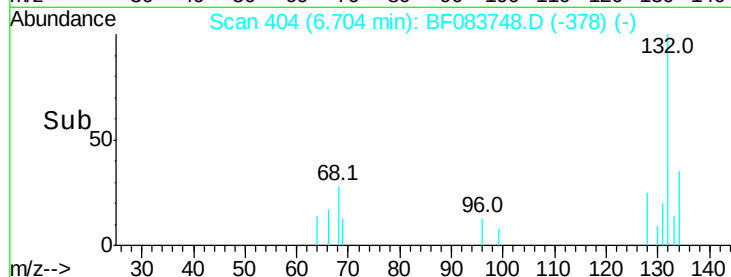
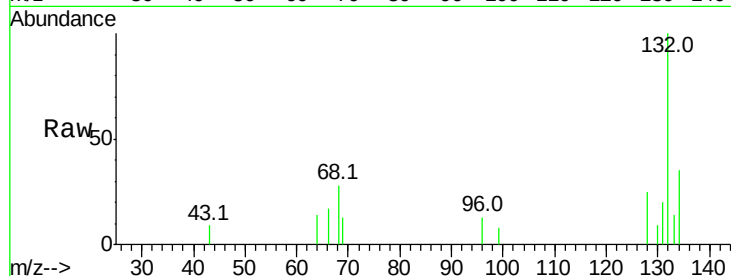
Tot Ion:128 Resp: 665

Ion Ratio Lower Upper

128 100

130 37.2 12.6 52.6

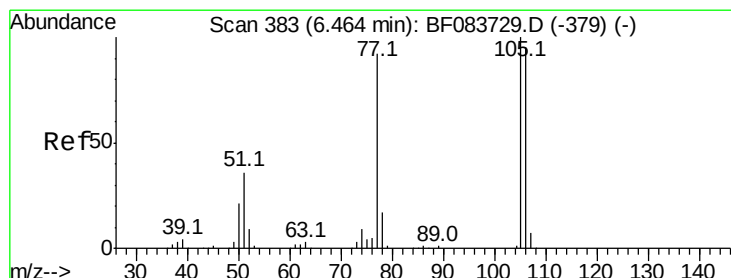
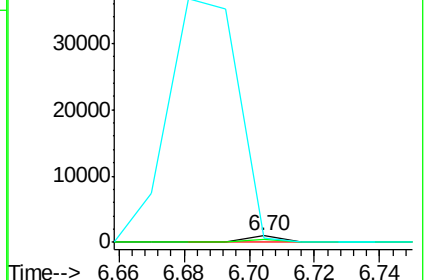
64 56.5 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 4.76 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

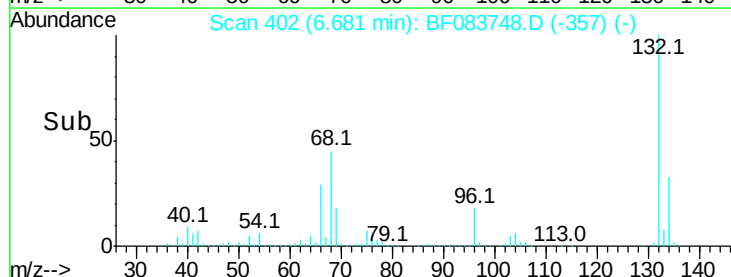
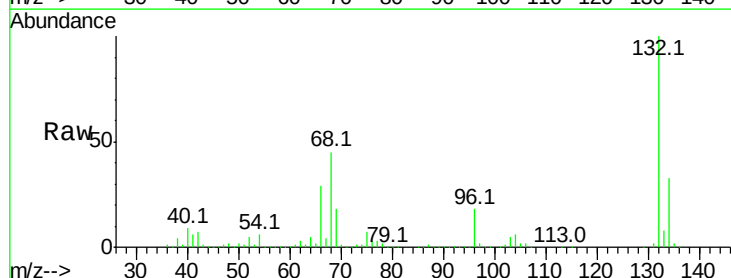
Tgt Ion: 77 Resp: 27259

Ion Ratio Lower Upper

77 100

105 83.5 71.8 111.8

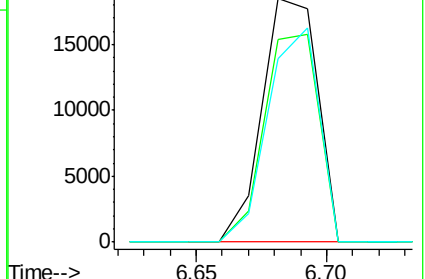
106 75.5 66.8 106.8

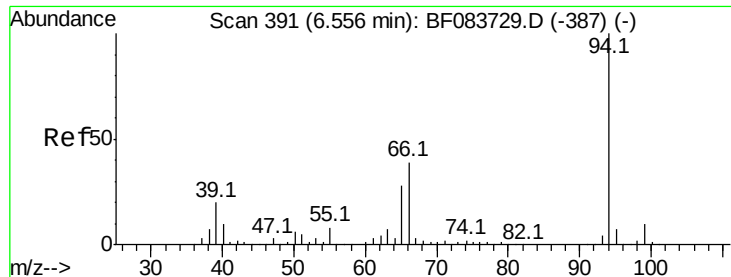


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.60 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

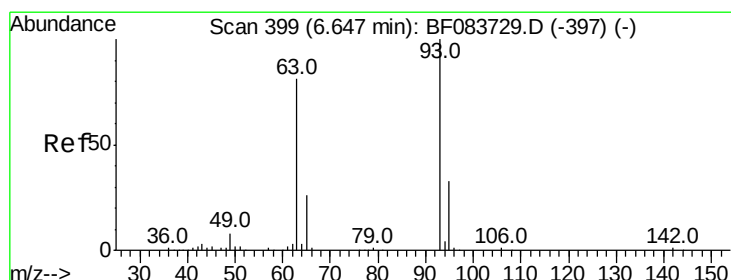
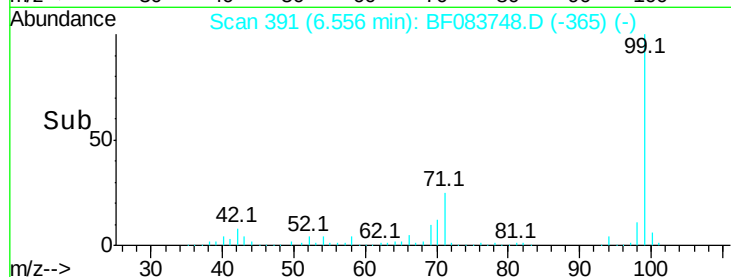
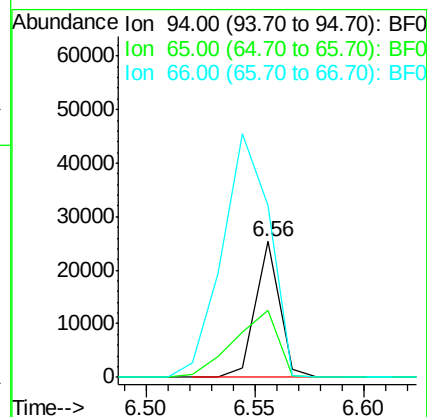
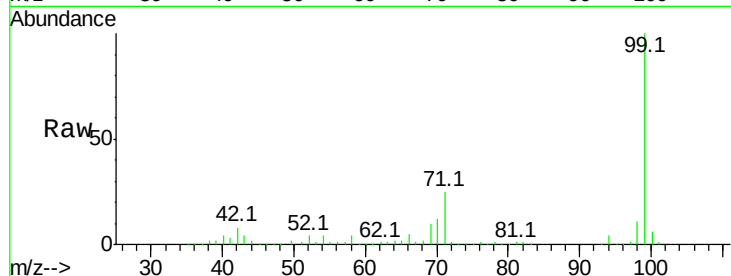
Tot Ion: 94 Resp: 19611

Ion Ratio Lower Upper

94 100

65 49.1 20.9 60.9

66 126.4 41.6 81.6#



#11

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.03 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

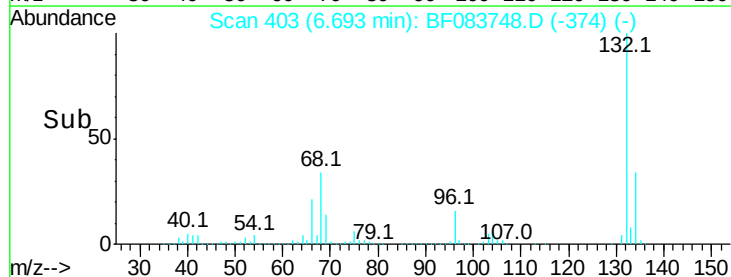
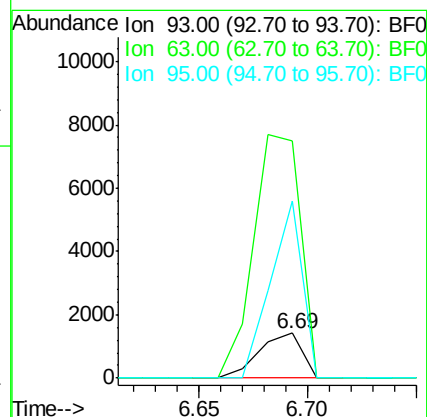
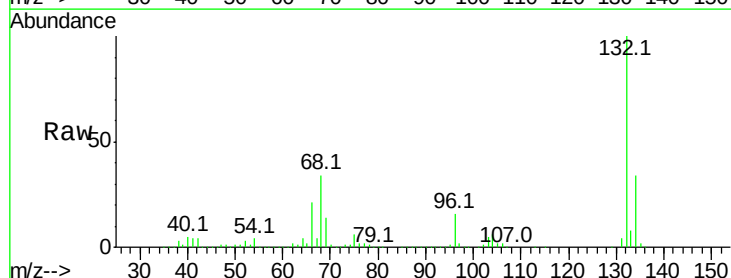
Tgt Ion: 93 Resp: 1960

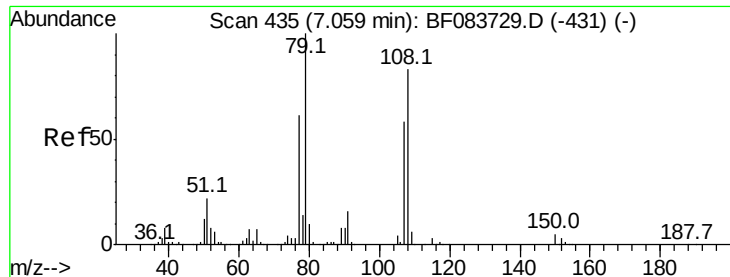
Ion Ratio Lower Upper

93 100

63 527.1 64.7 104.7#

95 394.2 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.90 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

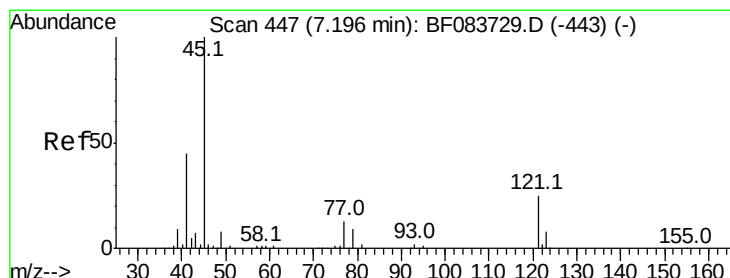
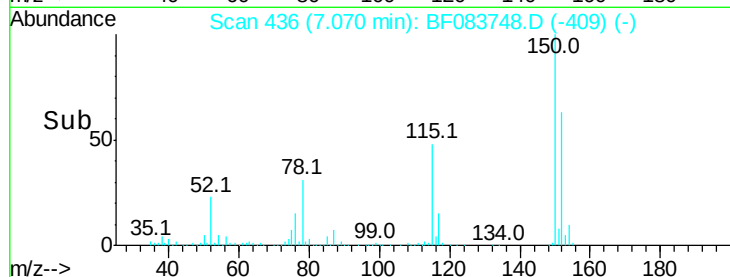
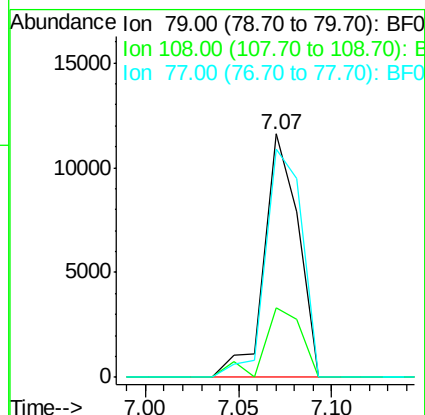
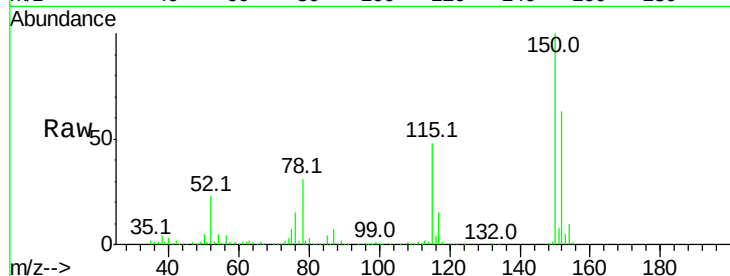
Tot Ion: 79 Resp: 14868

Ion Ratio Lower Upper

79 100

108 28.6 59.6 89.4#

77 93.6 49.8 74.6#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.13 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.13 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

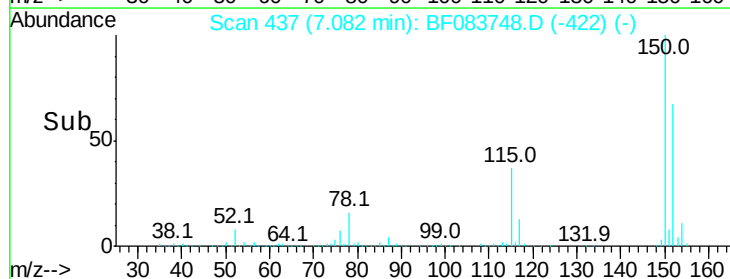
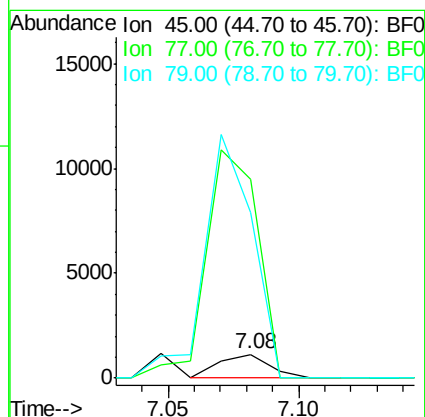
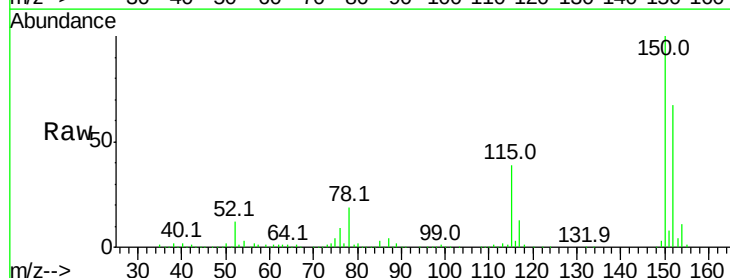
Tgt Ion: 45 Resp: 1551

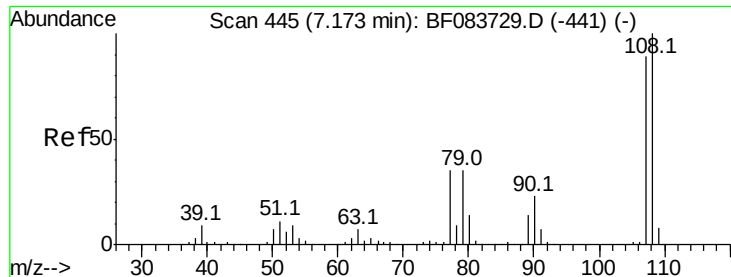
Ion Ratio Lower Upper

45 100

77 839.0 12.8 52.8#

79 700.2 10.7 50.7#

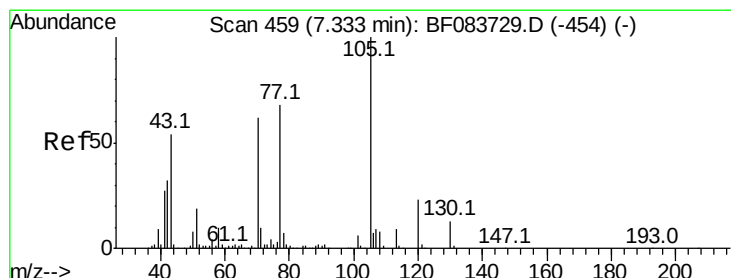
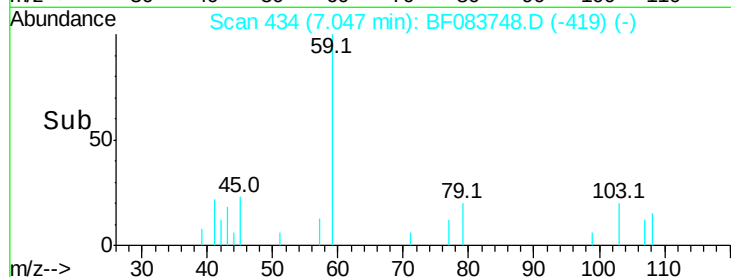
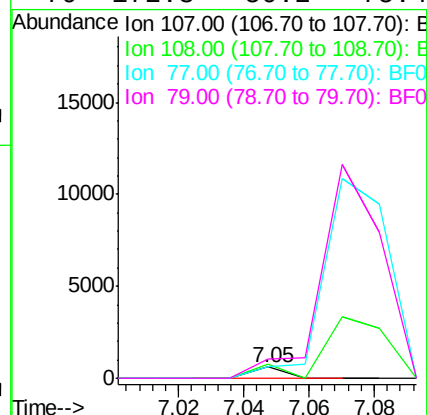
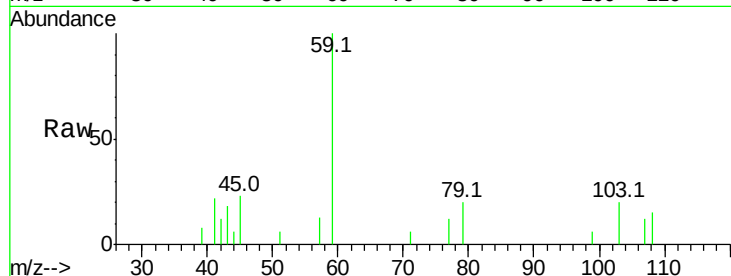




#17
2-Methylphenol
Concen: 0.05 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.13 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

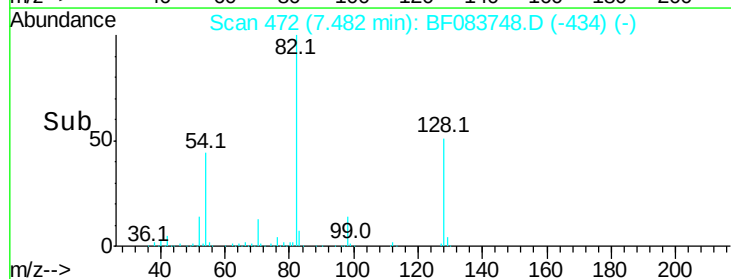
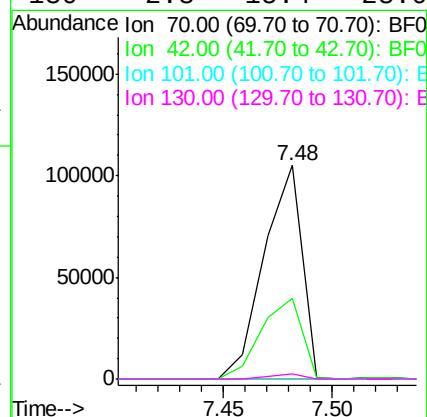
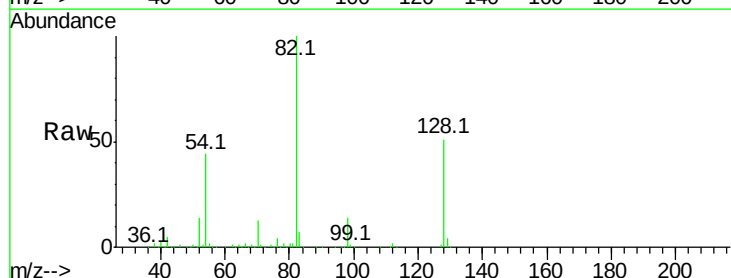
Instrument :
BNA_F
ClientSampleId :

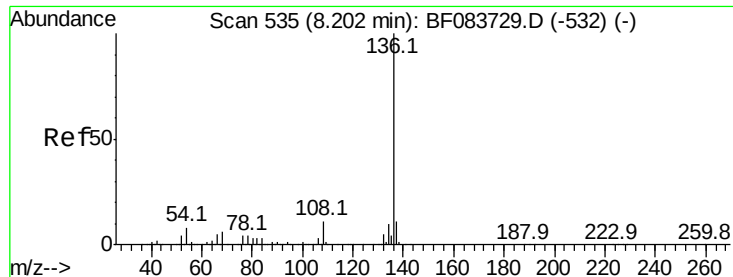
Tot Ion:107 Resp: 413
Ion Ratio Lower Upper
107 100
108 129.9 91.6 137.4
77 102.7 53.7 80.5#
79 172.3 50.2 75.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.76 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion: 70 Resp: 128904
Ion Ratio Lower Upper
70 100
42 37.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.3 15.4 23.0#

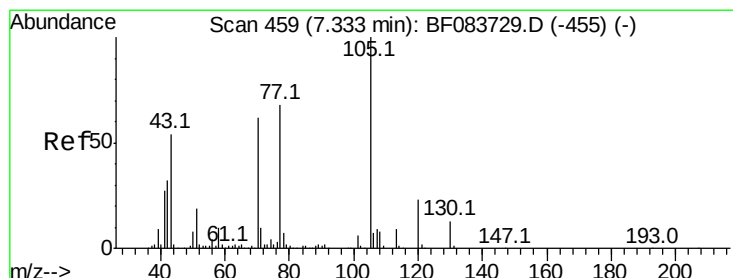
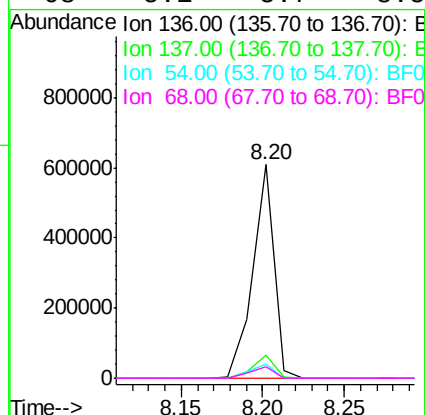
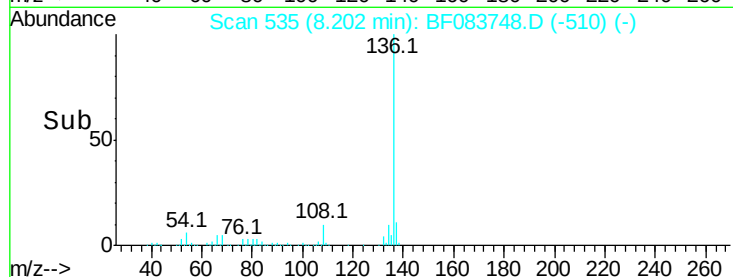
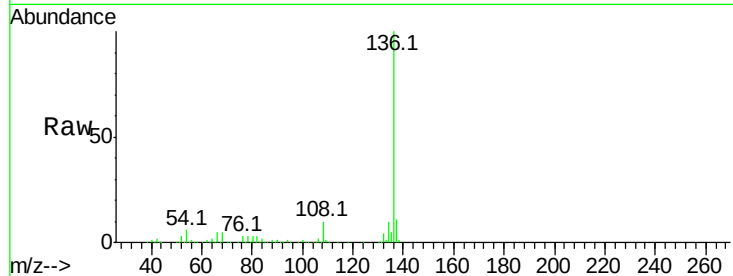




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

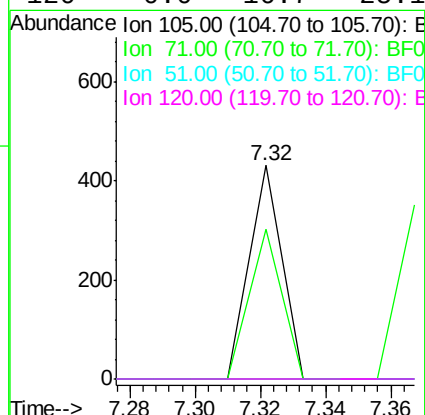
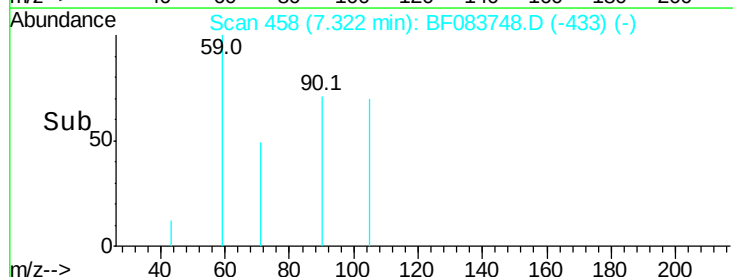
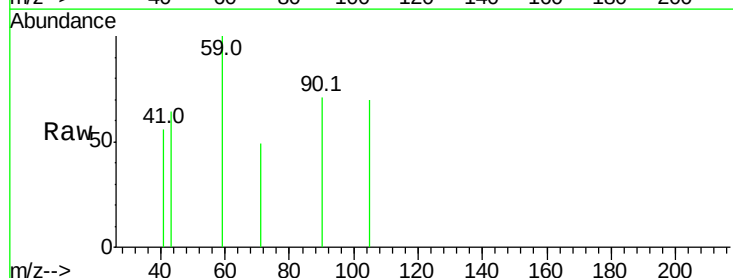
Instrument :
BNA_F
ClientSampleId :

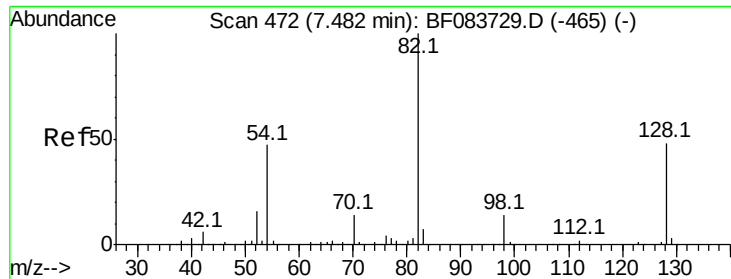
Tot Ion:136	Resp:	550626
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.5	7.8	11.6#
68 5.1	5.7	8.5#



#22
Acetophenone
Concen: 0.02 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion:105	Resp:	296
Ion Ratio	Lower	Upper
105 100		
71 70.1	1.3	1.9#
51 0.0	23.8	35.8#
120 0.0	16.7	25.1#

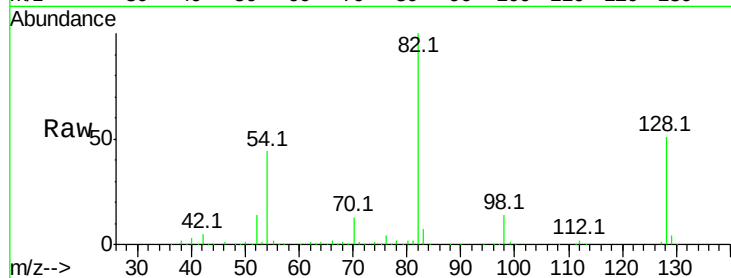




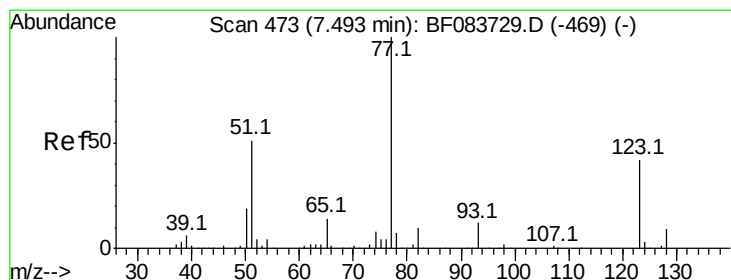
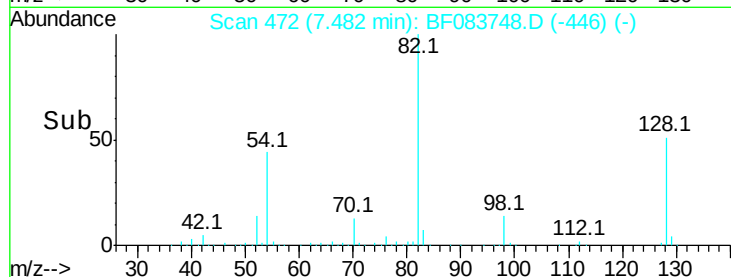
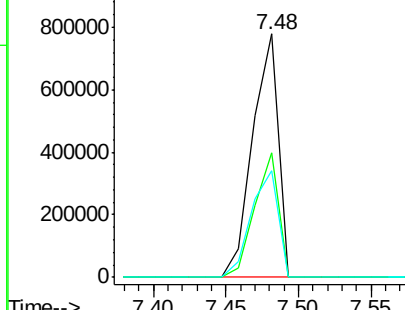
#23
 Nitrobenzene-d5
 Concen: 97.14 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 956028
 Ion Ratio Lower Upper
 82 100
 128 51.3 30.7 46.1#
 54 43.9 42.5 63.7

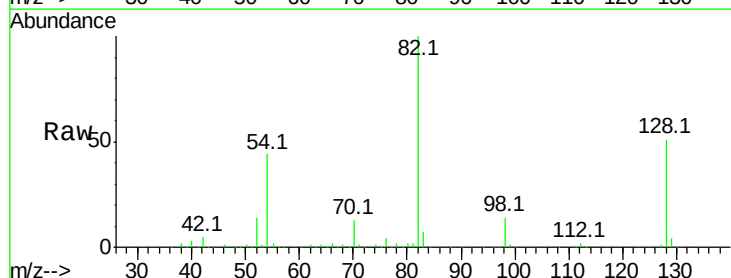


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

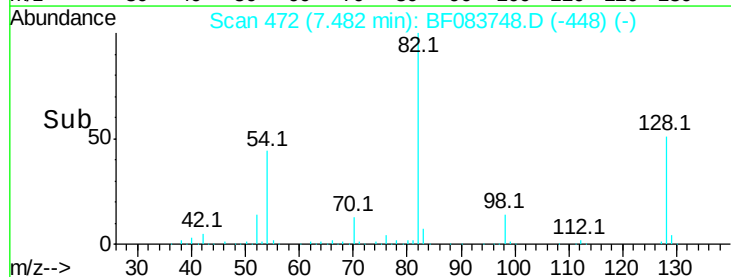
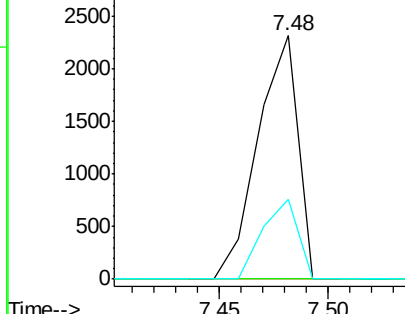


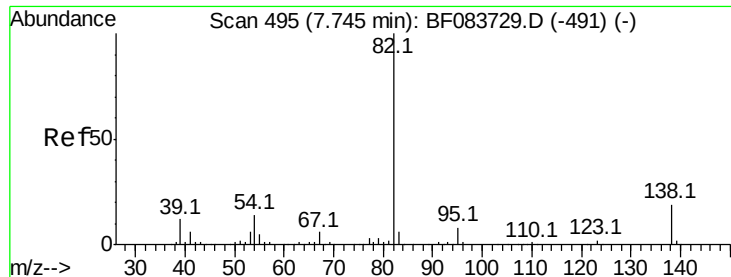
#24
 Nitrobenzene
 Concen: 0.29 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion: 77 Resp: 2990
 Ion Ratio Lower Upper
 77 100
 123 0.0 29.8 44.6#
 65 32.9 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.22 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampled :

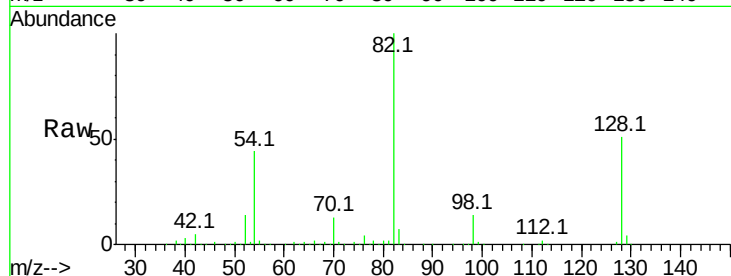
Tot Ion: 82 Resp: 892530

Ion Ratio Lower Upper

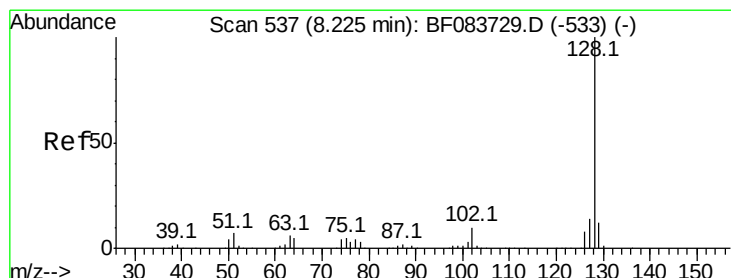
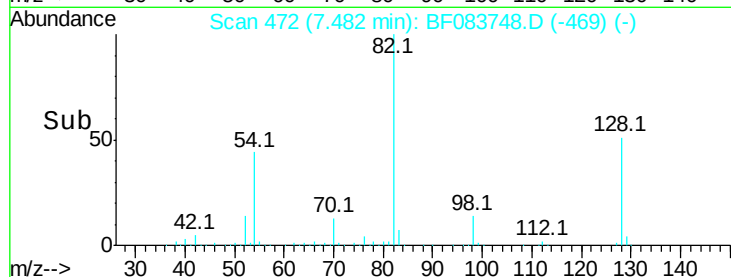
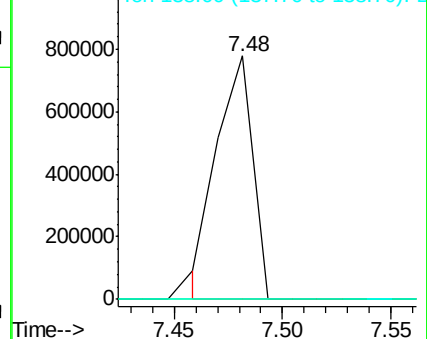
82 100

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



#31

Naphthalene

Concen: 0.05 ng

RT: 8.32 min Scan# 545

Delta R.T. 0.08 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

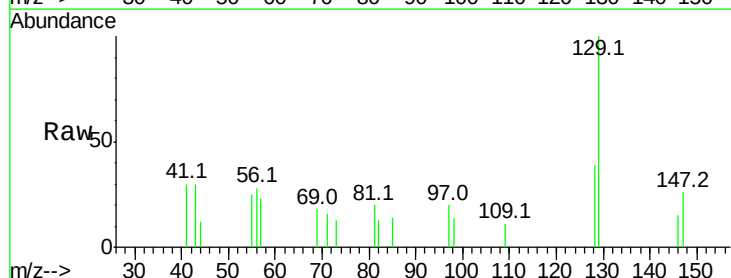
Tgt Ion: 128 Resp: 1413

Ion Ratio Lower Upper

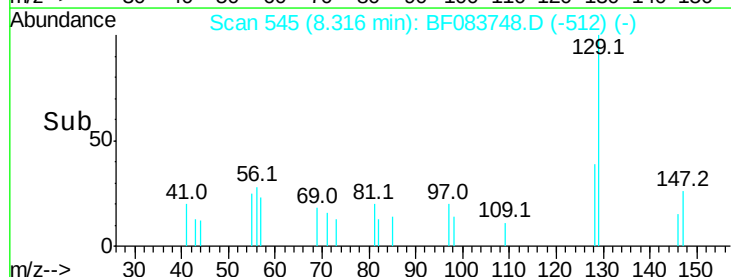
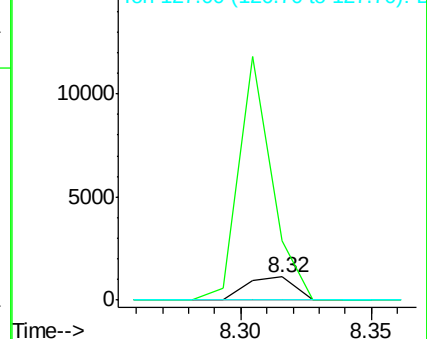
128 100

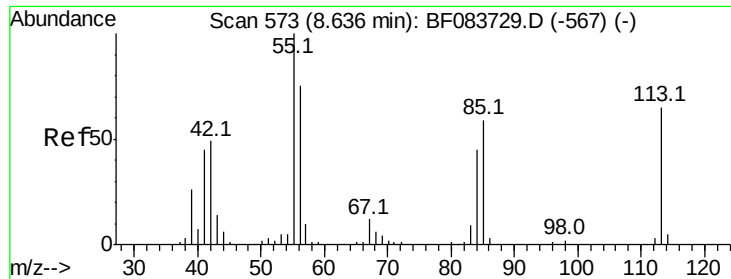
129 255.6 8.6 13.0#

127 0.0 10.6 16.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

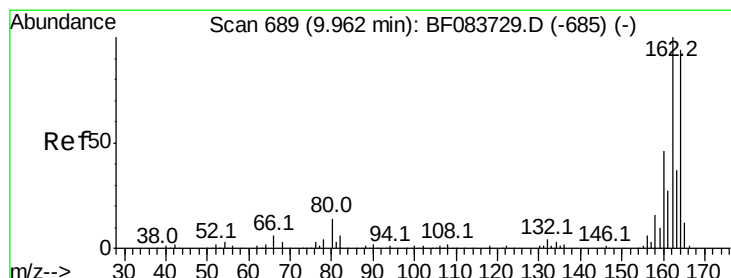
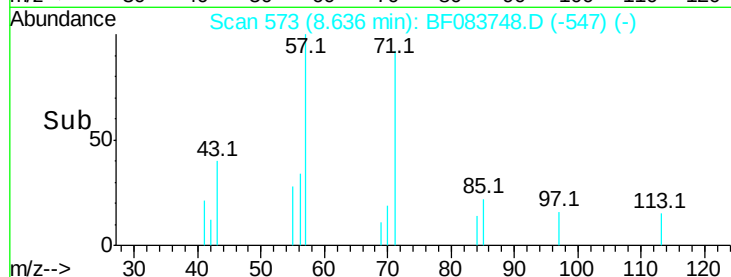
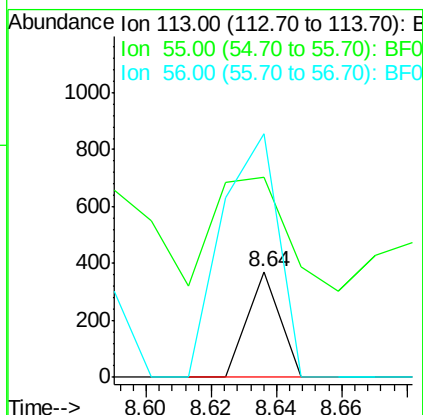
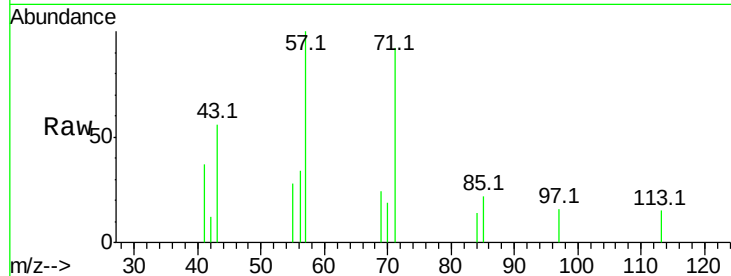




#35
 Caprolactam
 Concen: 0.10 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

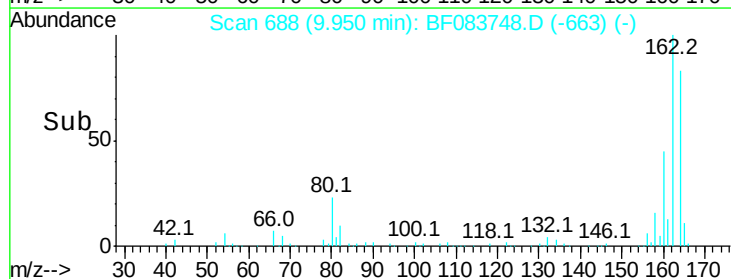
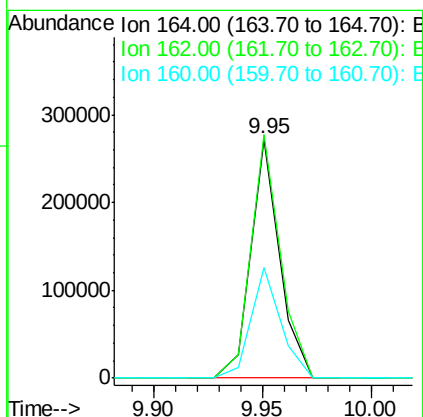
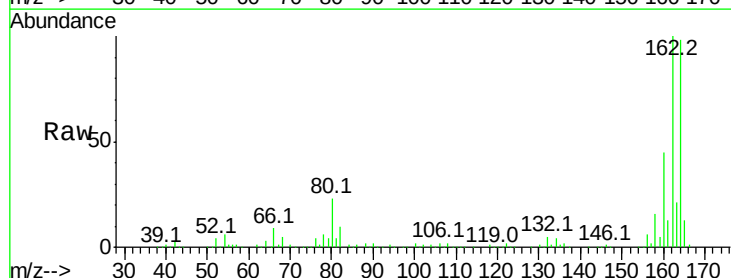
Instrument :
 BNA_F
 ClientSampleId :

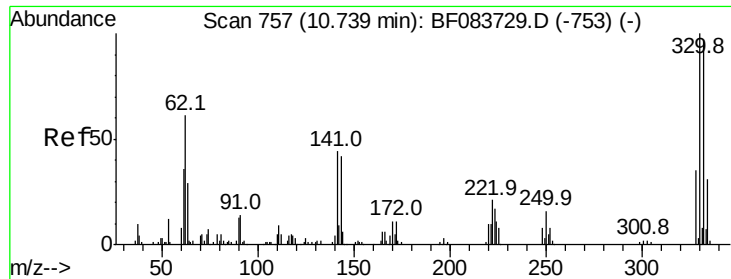
Tot Ion:113 Resp: 254
 Ion Ratio Lower Upper
 113 100
 55 189.8 189.7 229.7
 56 230.7 130.7 170.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion:164 Resp: 250055
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 46.4 33.4 50.2

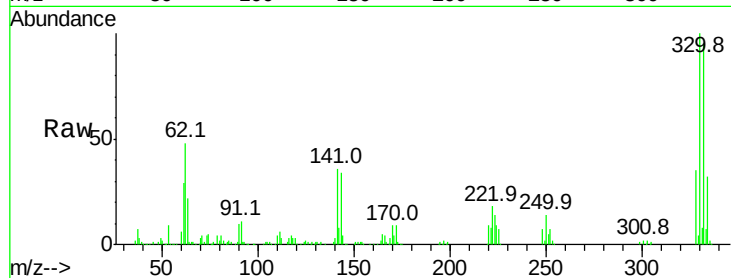




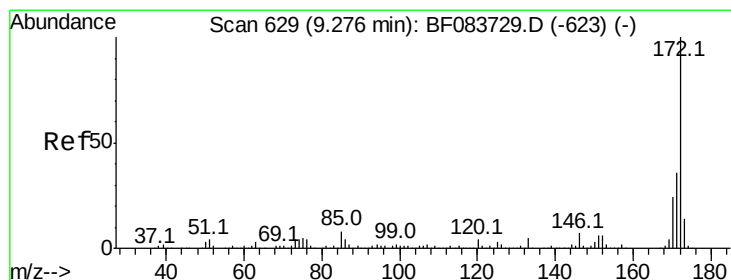
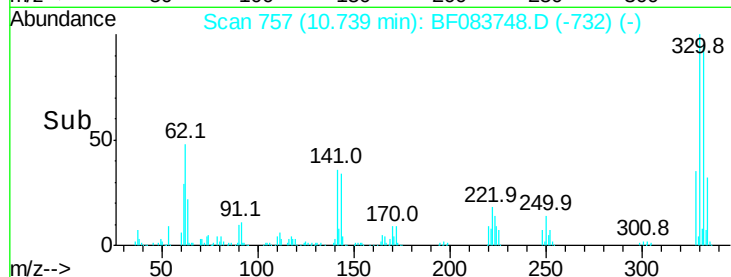
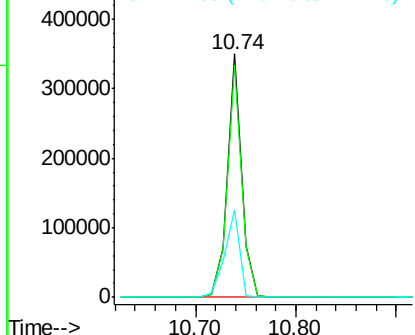
#41
 2,4,6-Tribromophenol
 Concen: 135.50 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	37.3	0.0	0.0#

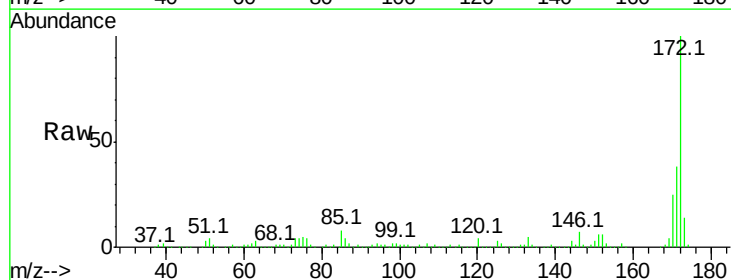


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

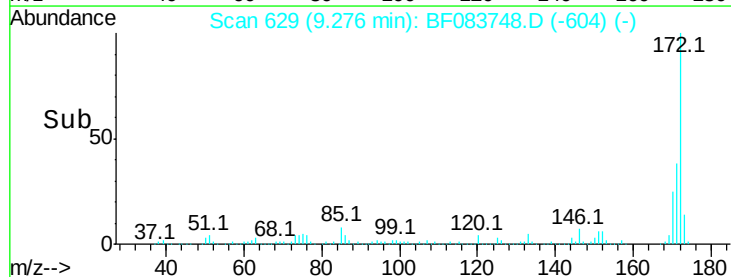
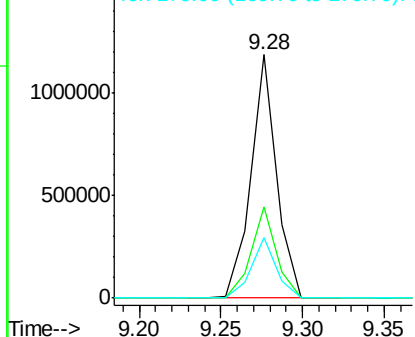


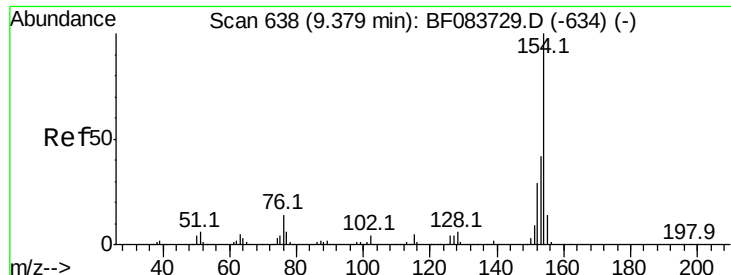
#44
 2-Fluorobiphenyl
 Concen: 72.65 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.8	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

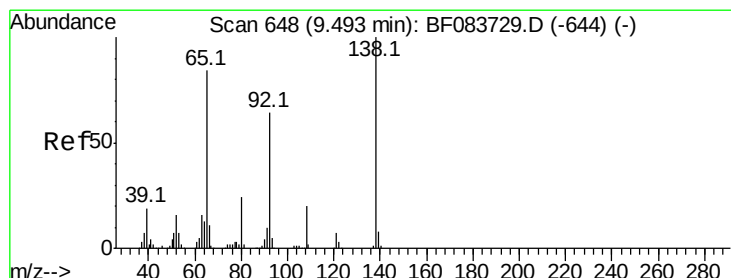
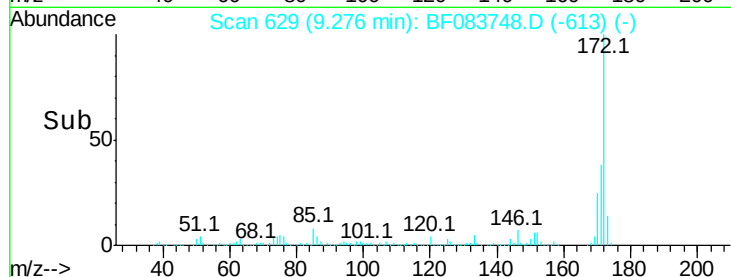
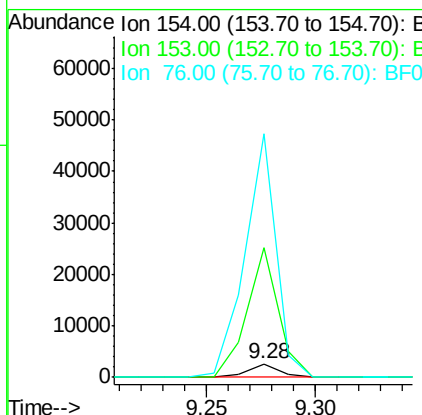
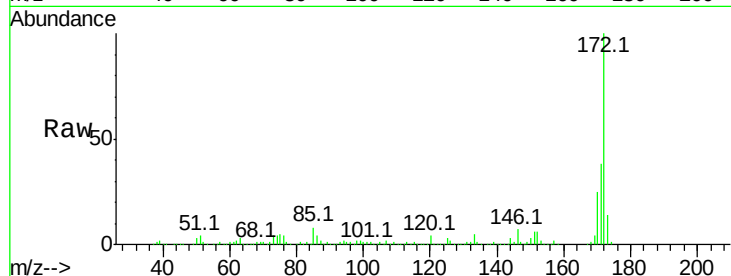




#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.11 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

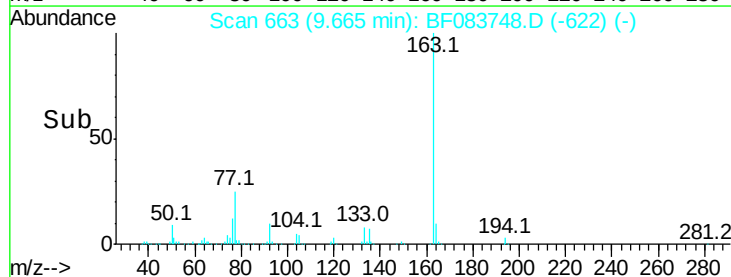
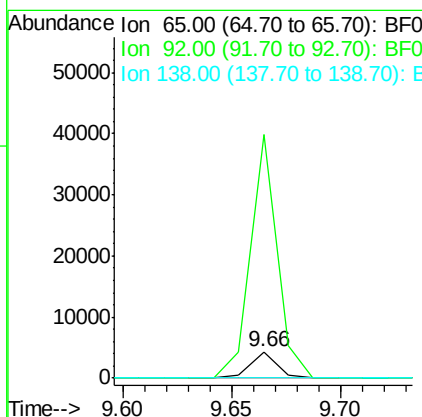
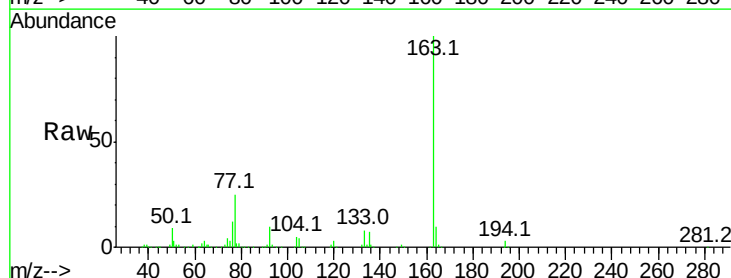
Instrument :
 BNA_F
 ClientSampleId :

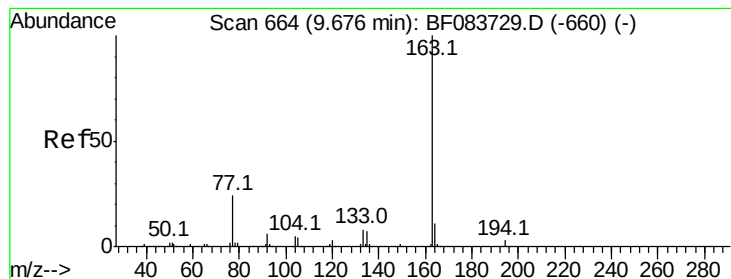
Tot Ion:154 Resp: 2567
 Ion Ratio Lower Upper
 154 100
 153 963.6 20.2 60.2#
 76 1811.0 0.0 34.8#



#47
 2-Nitroaniline
 Concen: 0.77 ng
 RT: 9.66 min Scan# 663
 Delta R.T. 0.17 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion: 65 Resp: 3565
 Ion Ratio Lower Upper
 65 100
 92 933.2 49.6 74.4#
 138 0.0 64.1 96.1#





#49

Dimethylphthalate

Concen: 18.80 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampled :

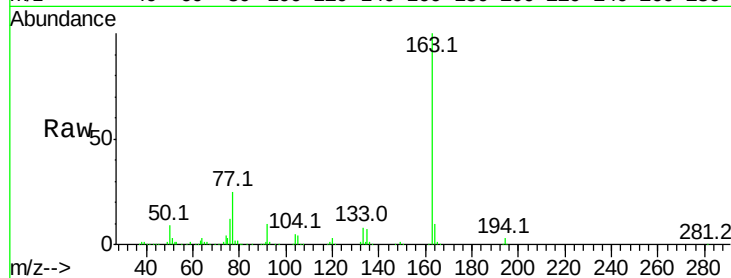
Tot Ion:163 Resp: 366584

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

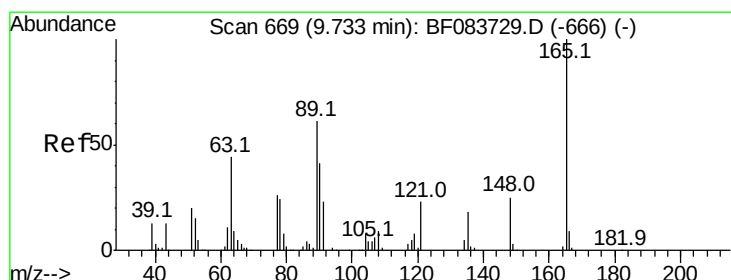
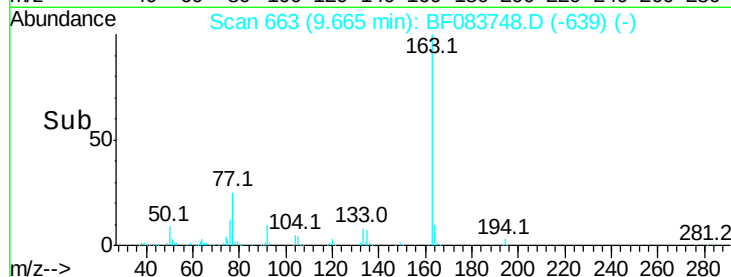
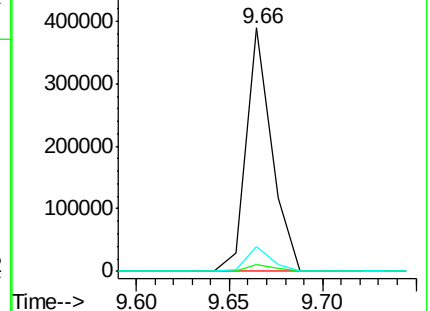
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.25 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

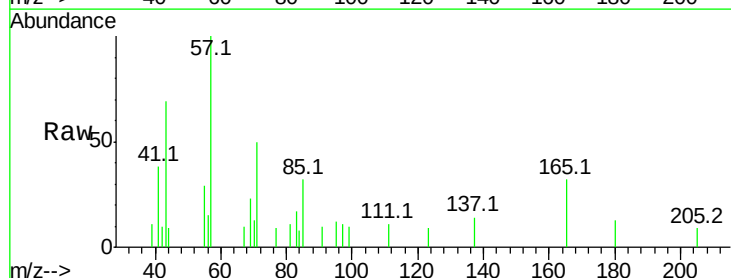
Tgt Ion:165 Resp: 1049

Ion Ratio Lower Upper

165 100

63 0.0 56.9 85.3#

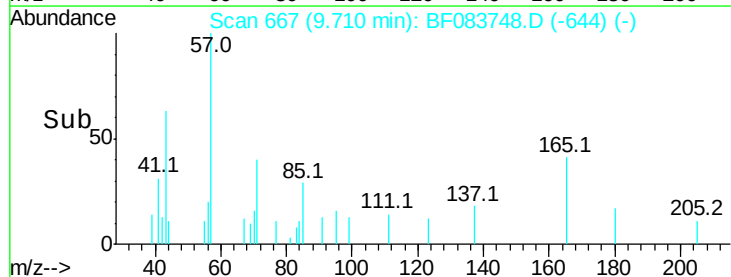
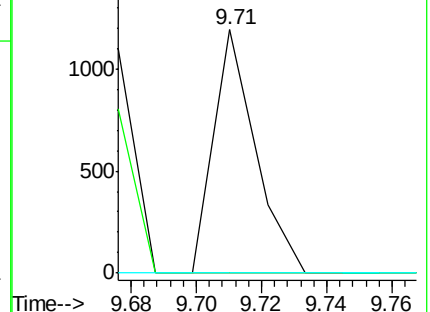
89 0.0 52.1 78.1#

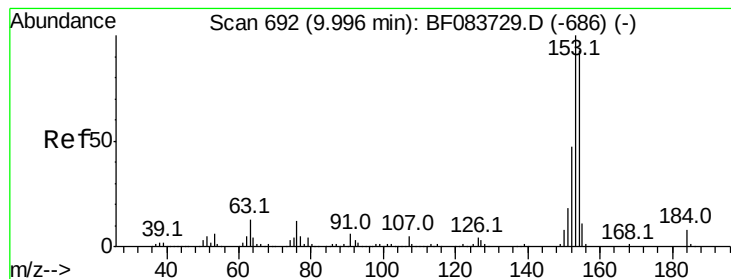


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.05 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

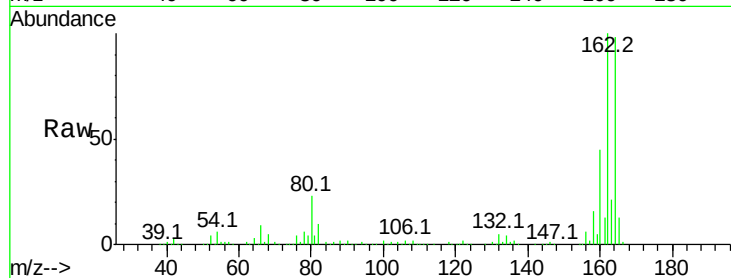
Tot Ion:154 Resp: 809

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.0#

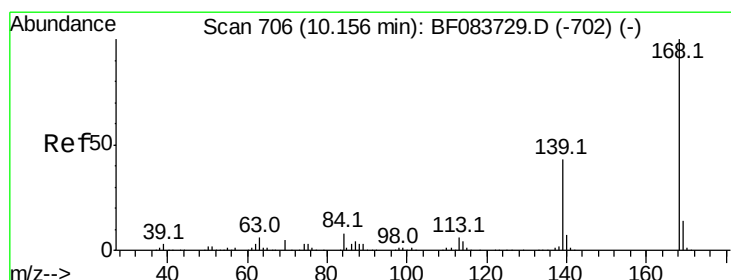
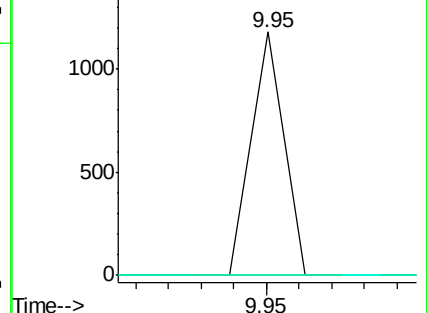
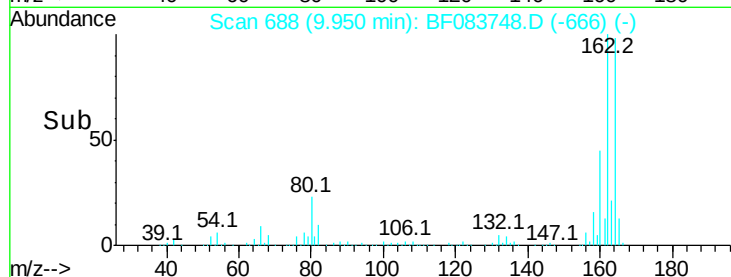
152 0.0 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

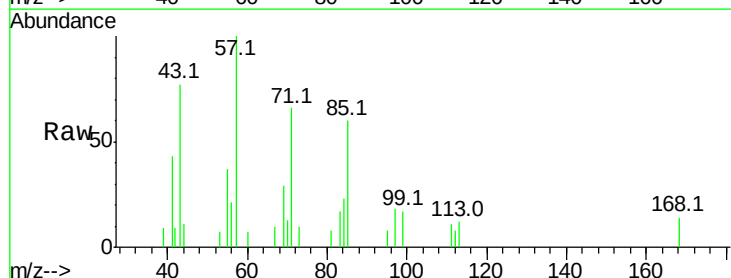
Tgt Ion:168 Resp: 414

Ion Ratio Lower Upper

168 100

139 0.0 28.0 42.0#

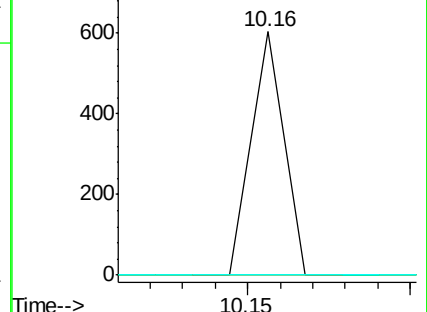
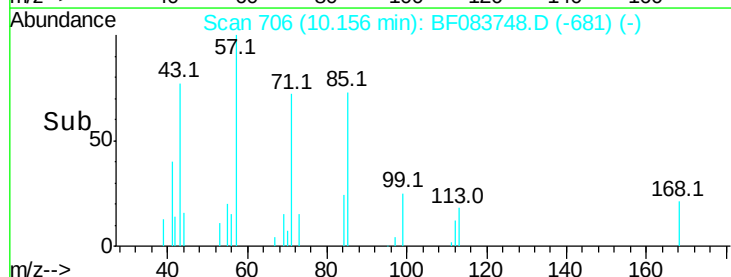
169 0.0 10.8 16.2#

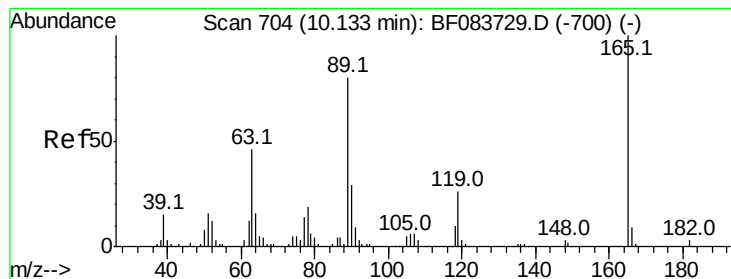


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 5.89 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 31842

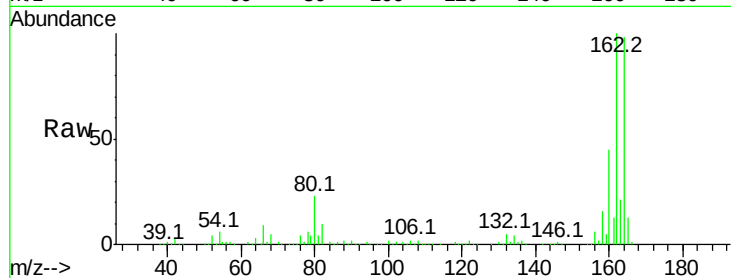
Ion Ratio Lower Upper

165 100

63 1.2 51.4 77.2#

89 1.5 72.6 108.8#

182 0.0 1.4 2.0#



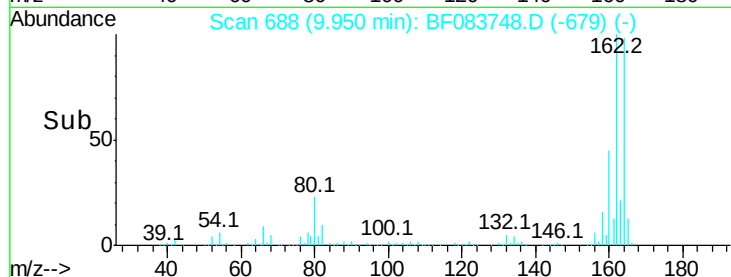
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

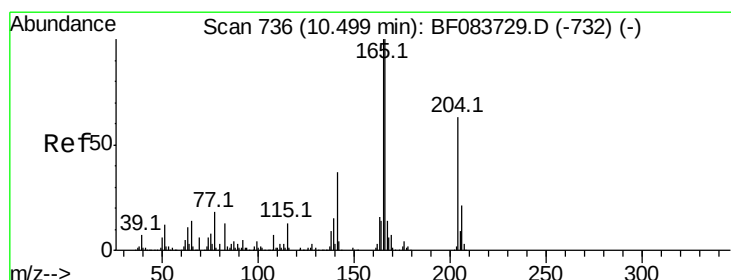
Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

Time-->



#57

Fluorene

Concen: 0.90 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.23 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

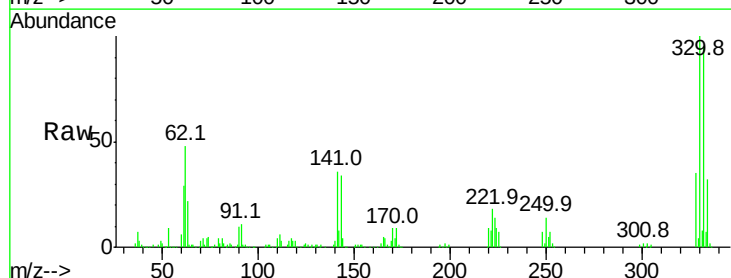
Tgt Ion:166 Resp: 15598

Ion Ratio Lower Upper

166 100

165 105.6 80.0 120.0

167 34.1 10.6 16.0#

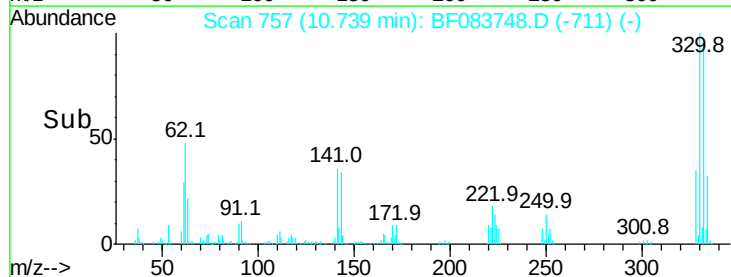


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

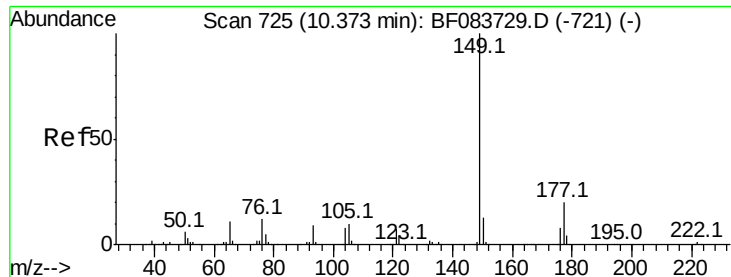
Ion 167.00 (166.70 to 167.70): E

Time-->



Abundance

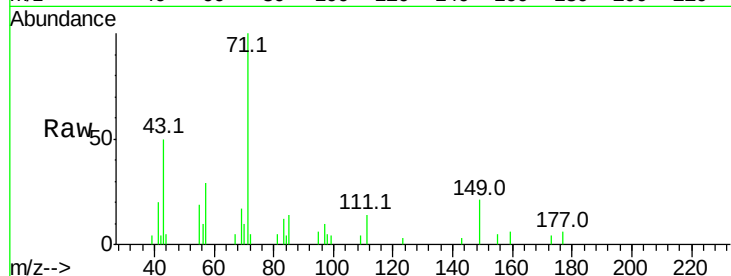
Time-->



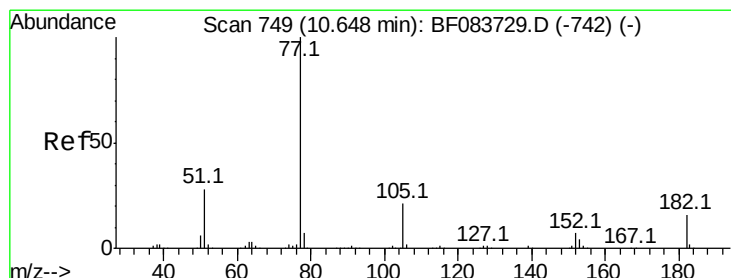
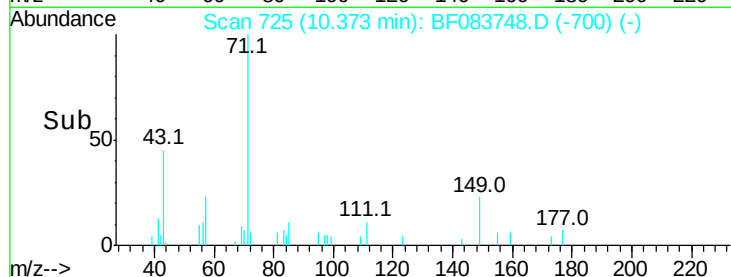
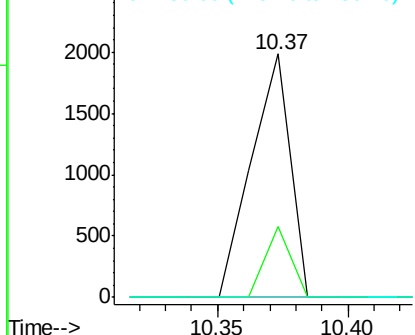
#59
Diethylphthalate
Concen: 0.10 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 2071
Ion Ratio Lower Upper
149 100
177 29.3 16.9 25.3#
150 0.0 10.2 15.4#

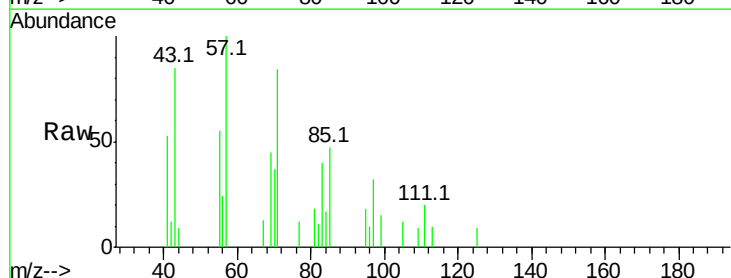


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

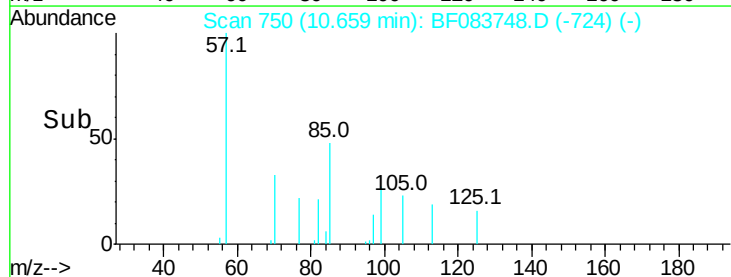
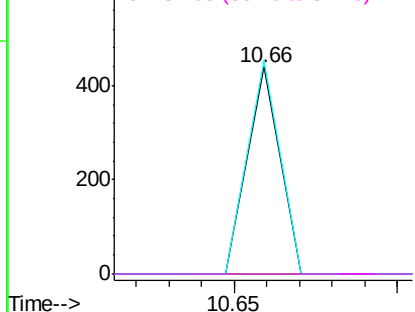


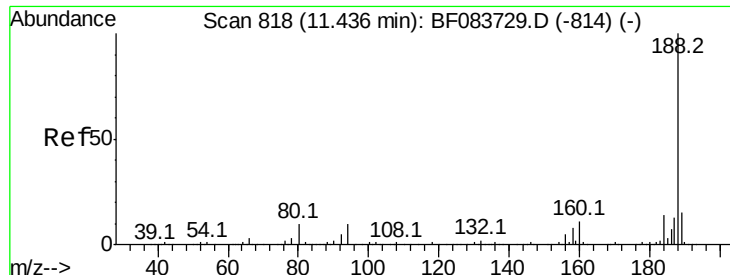
#62
Azobenzene
Concen: 0.02 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion: 77 Resp: 302
Ion Ratio Lower Upper
77 100
182 0.0 2.5 42.5#
105 103.2 2.1 42.1#
51 0.0 9.3 49.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

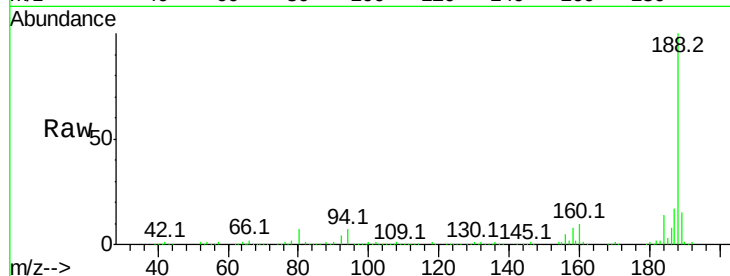




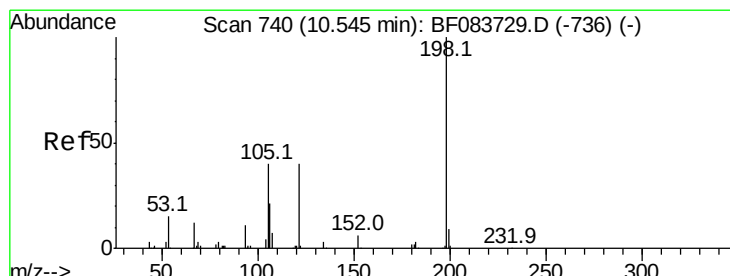
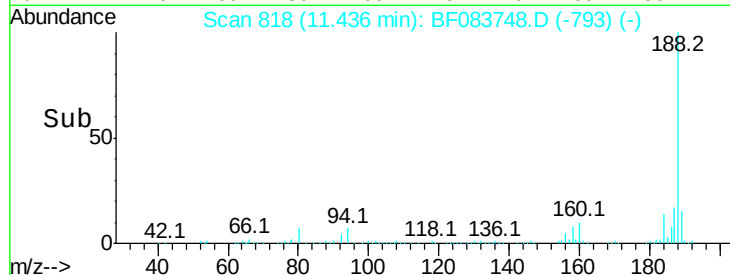
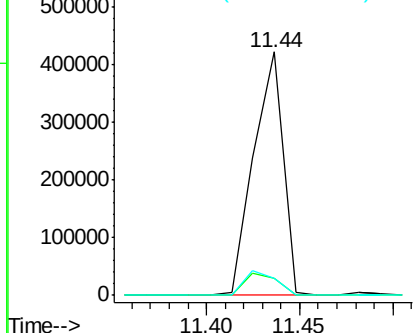
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 459562
Ion Ratio Lower Upper
188 100
94 6.9 9.4 14.2#
80 7.1 10.6 16.0#

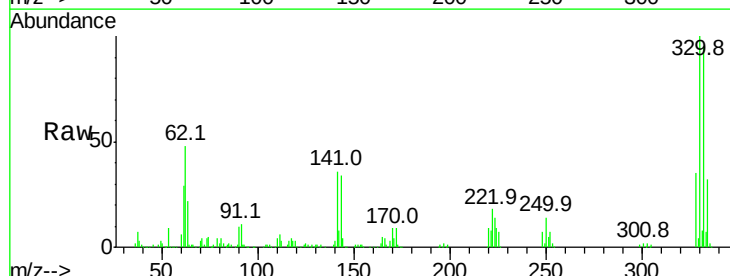


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

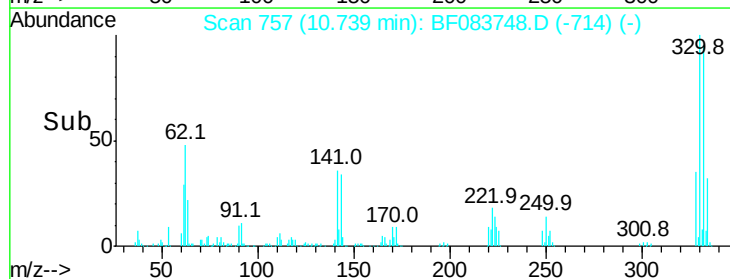
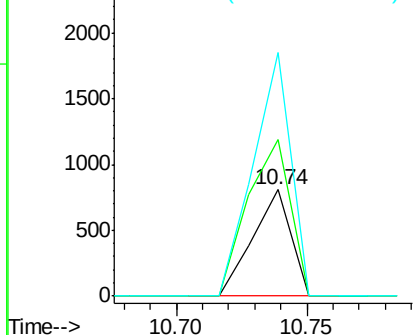


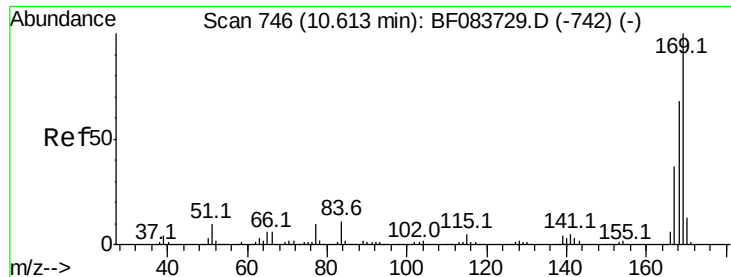
#64
4,6-Dinitro-2-methylphenol
Concen: 0.31 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.20 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion:198 Resp: 817
Ion Ratio Lower Upper
198 100
51 147.0 53.8 93.8#
105 228.5 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

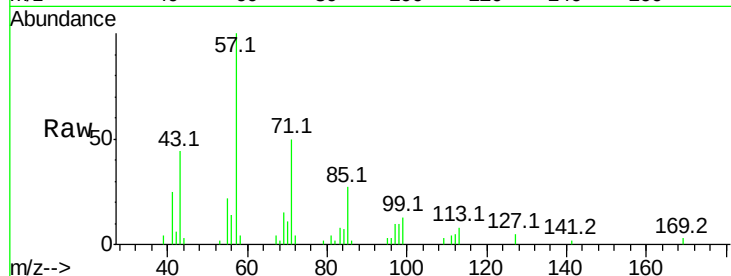




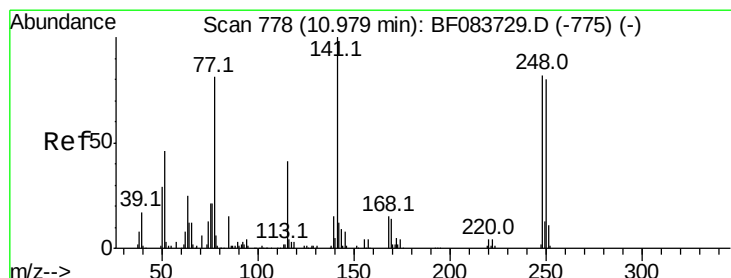
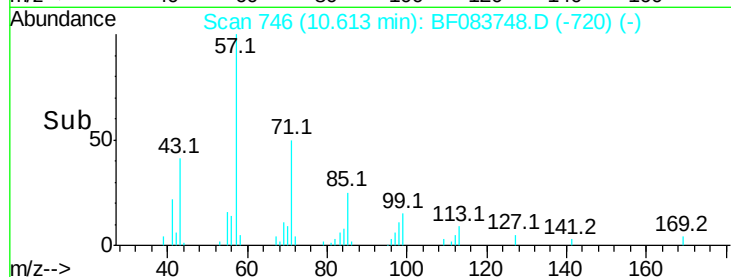
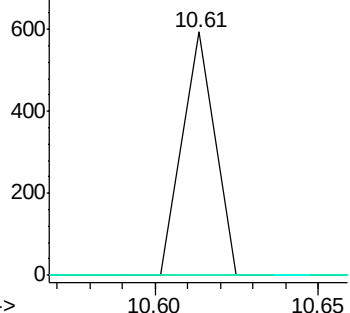
#65
 n-Nitrosodiphenylamine
 Concen: 0.03 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 407
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.0 79.6#
 167 0.0 29.3 43.9#

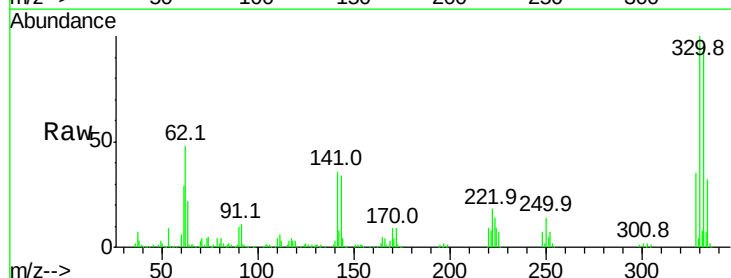


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

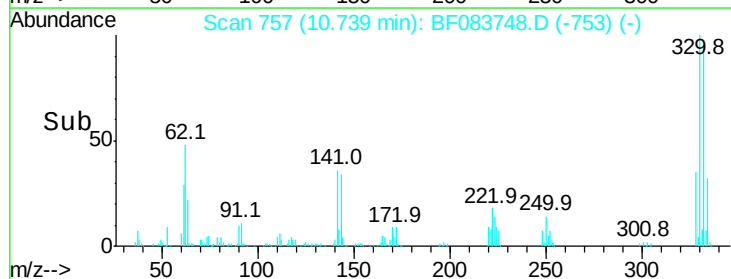
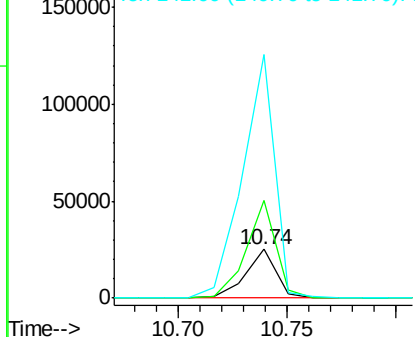


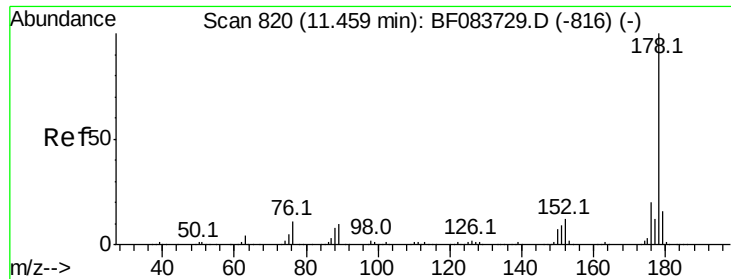
#66
 4-Bromophenyl-phenylether
 Concen: 4.67 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion:248 Resp: 24023
 Ion Ratio Lower Upper
 248 100
 250 200.7 79.2 118.8#
 141 501.8 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

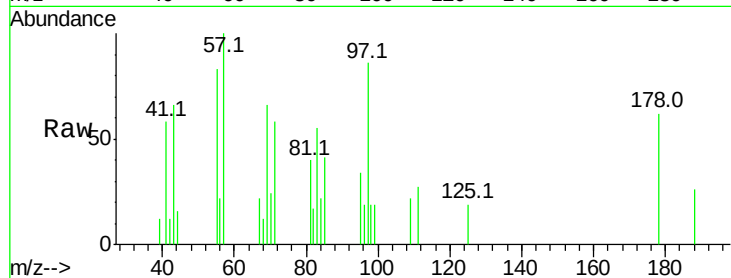




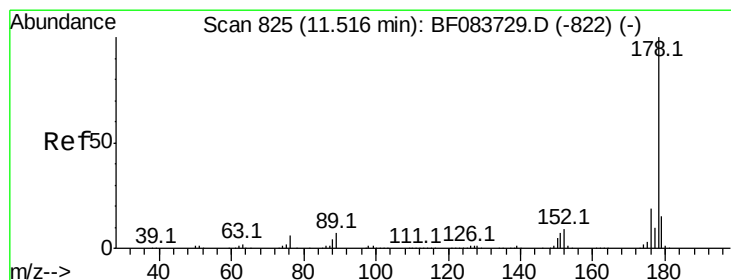
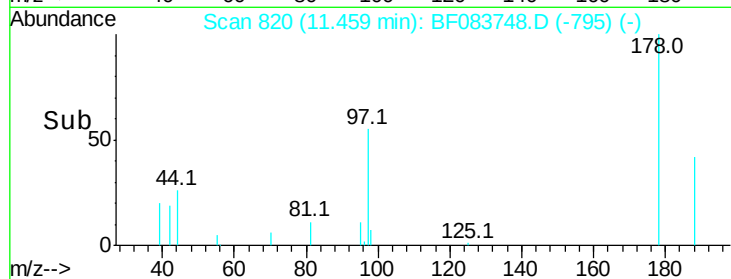
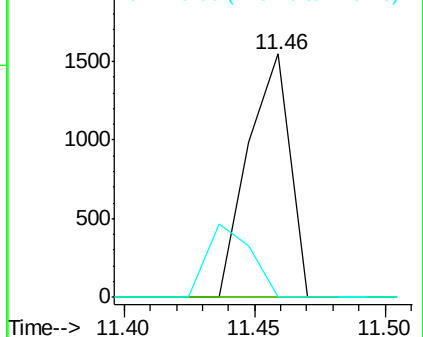
#70
Phenanthrene
Concen: 0.07 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1739
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.2 18.4#

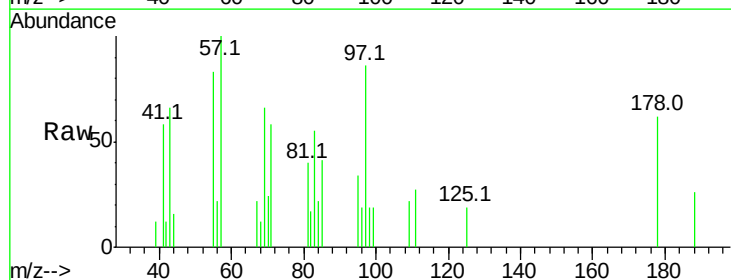


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

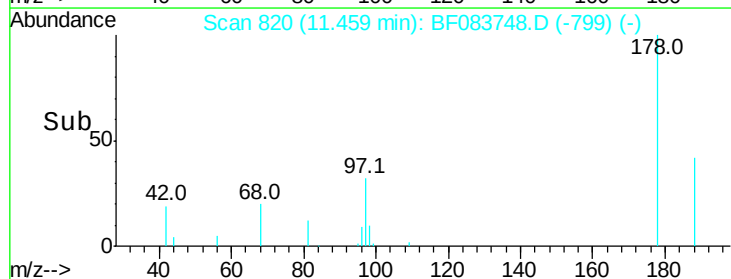
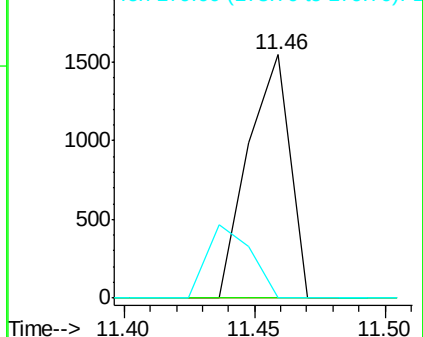


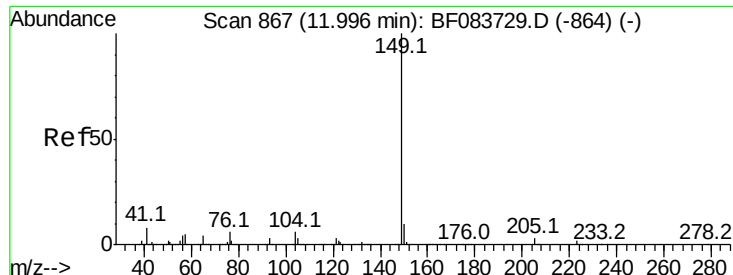
#71
Anthracene
Concen: 0.07 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.06 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion:178 Resp: 1739
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 0.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.21 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

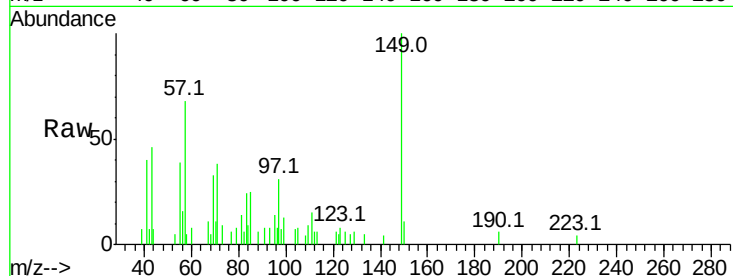
Tot Ion:149 Resp: 6032

Ion Ratio Lower Upper

149 100

150 11.4 7.8 11.6

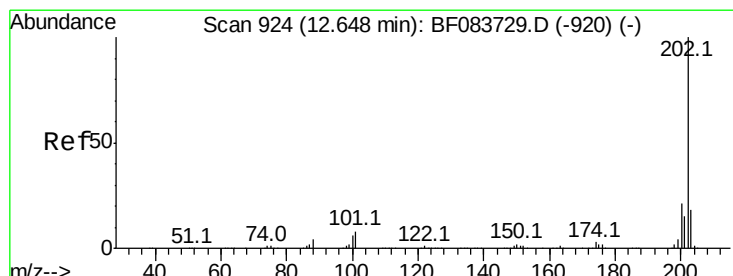
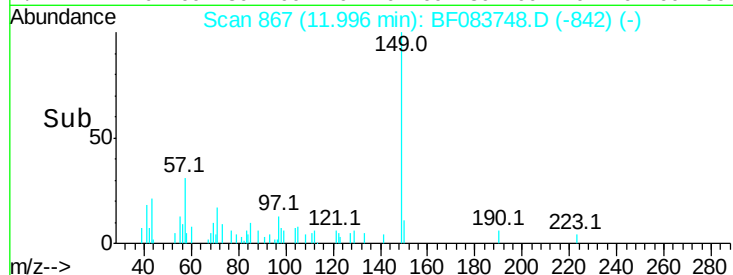
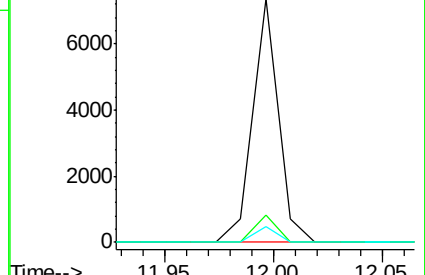
104 6.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

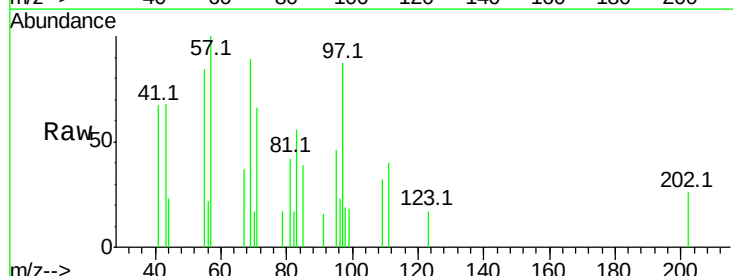
Tgt Ion:202 Resp: 340

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

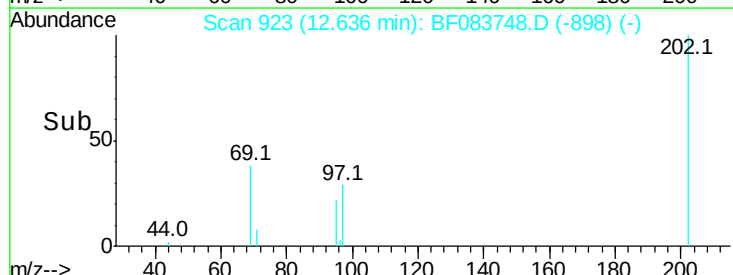
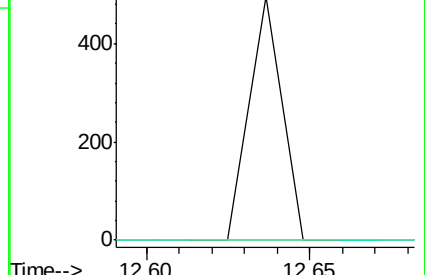
203 0.0 0.0 37.6

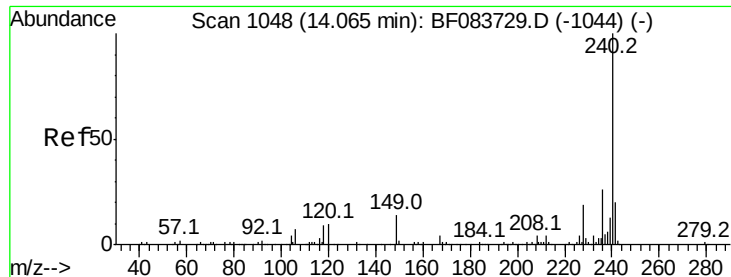


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

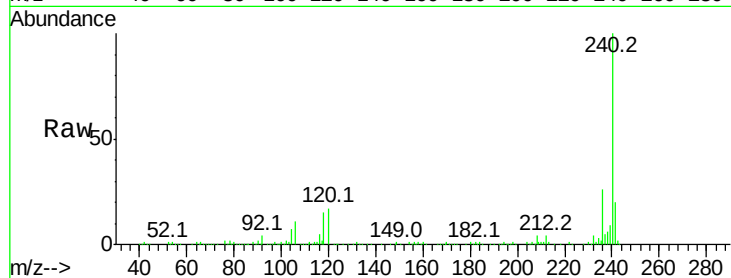
Tot Ion:240 Resp: 314972

Ion Ratio Lower Upper

240 100

120 16.5 8.1 12.1#

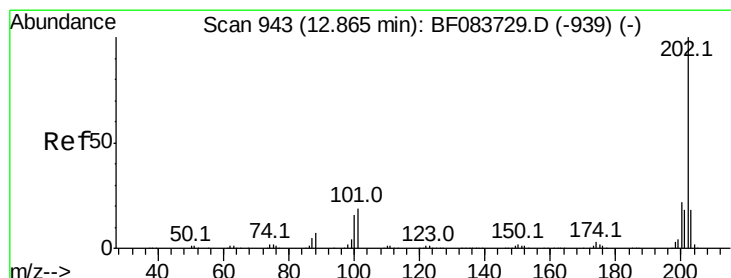
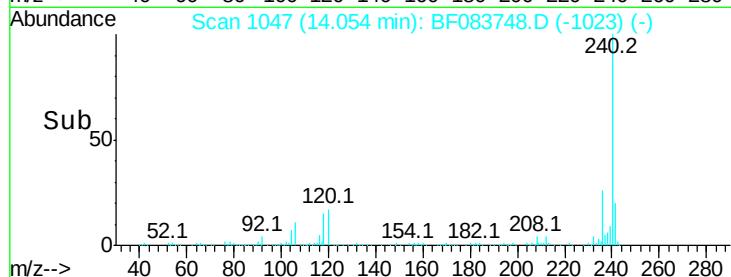
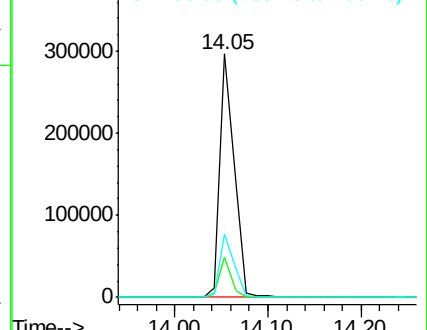
236 25.7 20.8 31.2



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



#77

Pyrene

Concen: 0.02 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

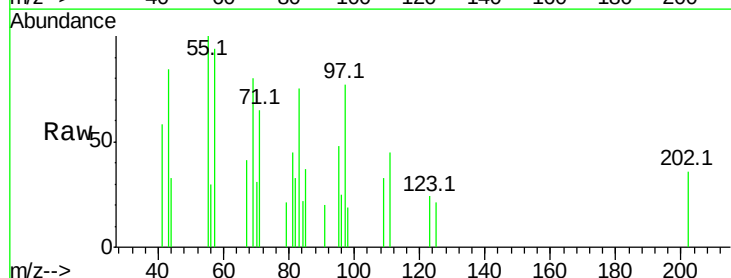
Tgt Ion:202 Resp: 400

Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

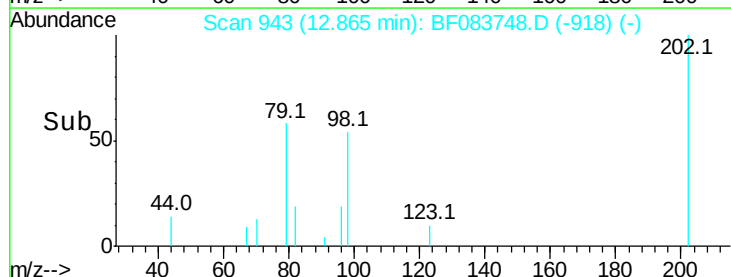
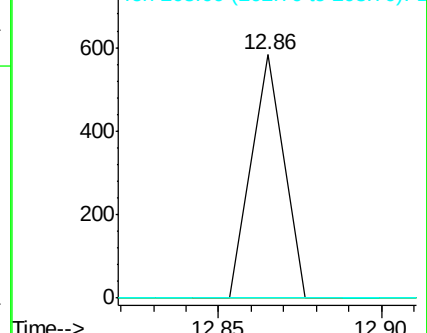
203 0.0 14.3 21.5#

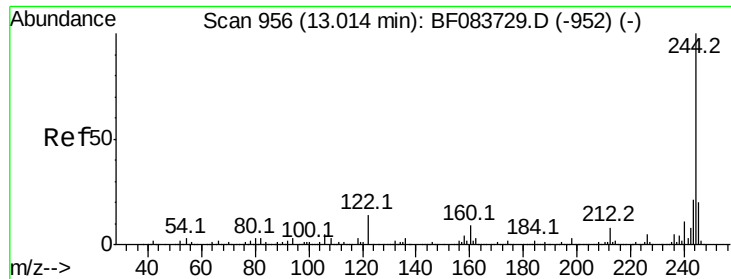


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

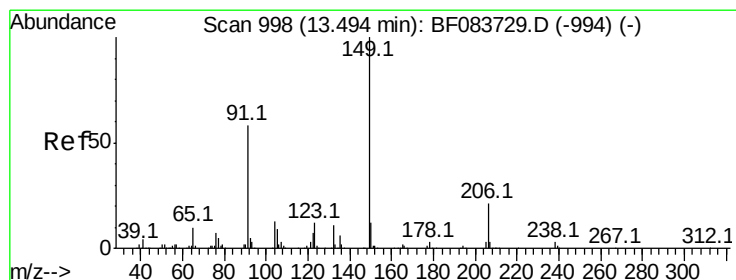
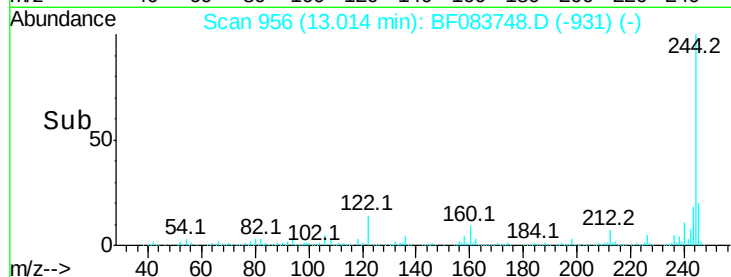
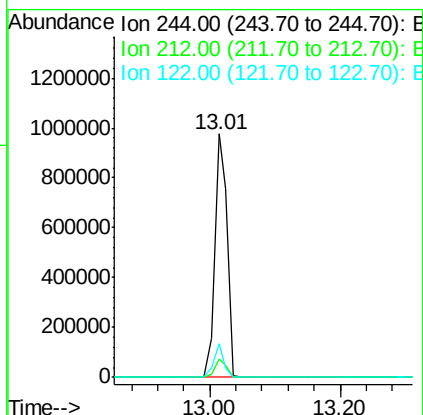
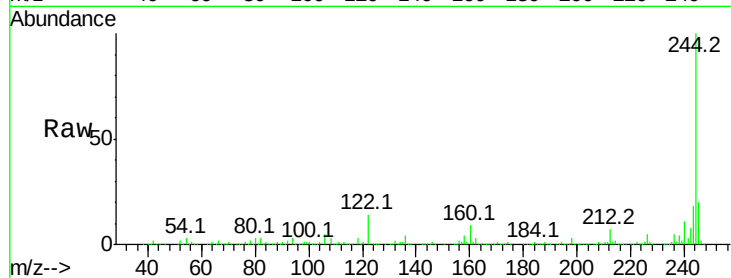




#78
 Terphenyl-d14
 Concen: 89.26 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

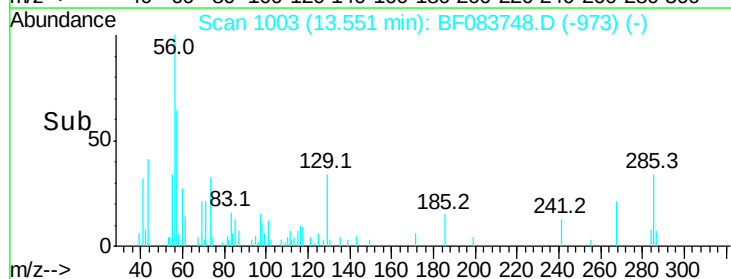
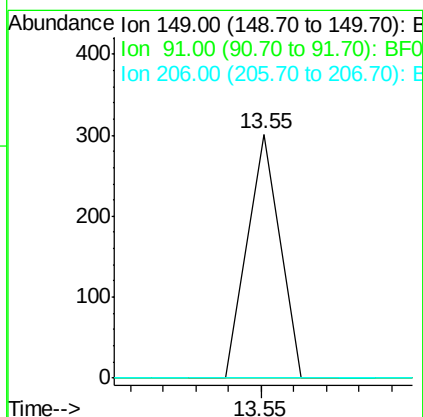
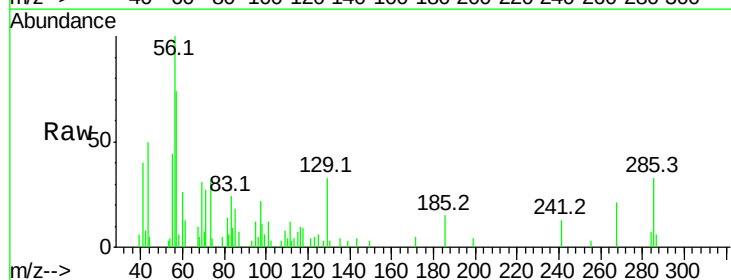
Instrument :
 BNA_F
 ClientSampleId :

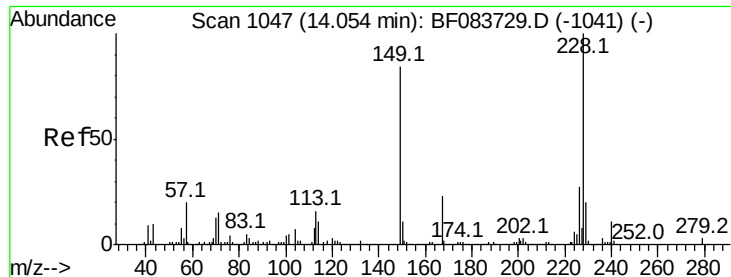
Tot Ion:244 Resp: 1307003
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 14.0 11.0 16.6



#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.55 min Scan# 1003
 Delta R.T. 0.05 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion:149 Resp: 206
 Ion Ratio Lower Upper
 149 100
 91 0.0 60.0 90.0#
 206 0.0 16.2 24.4#

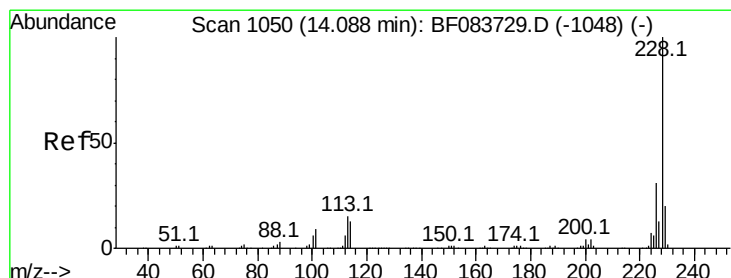
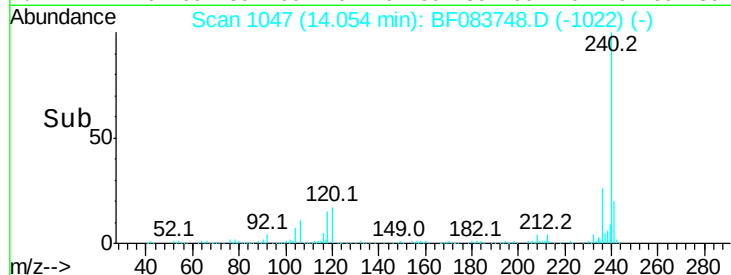
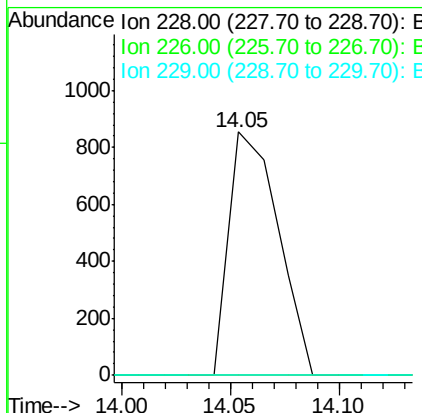
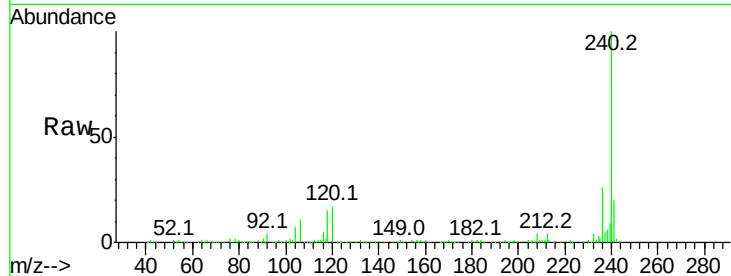




#80
 Benzo(a)anthracene
 Concen: 0.08 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

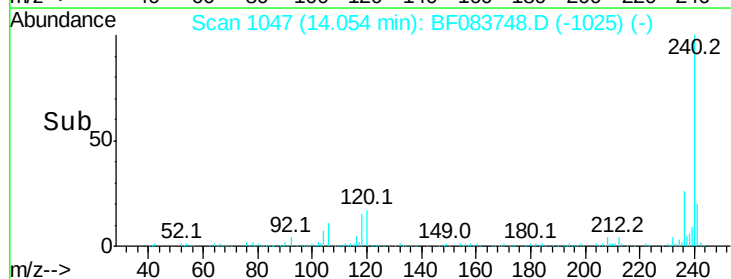
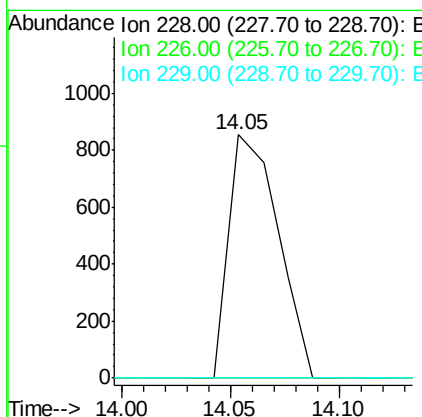
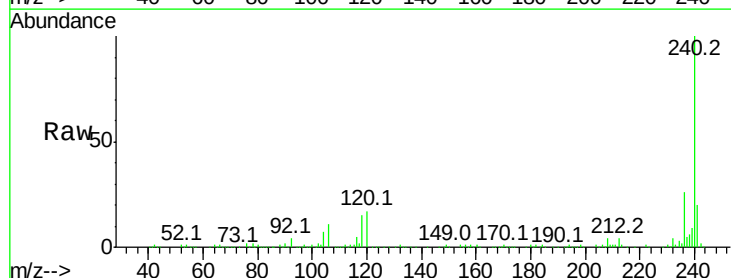
Instrument :
 BNA_F
 ClientSampleId :

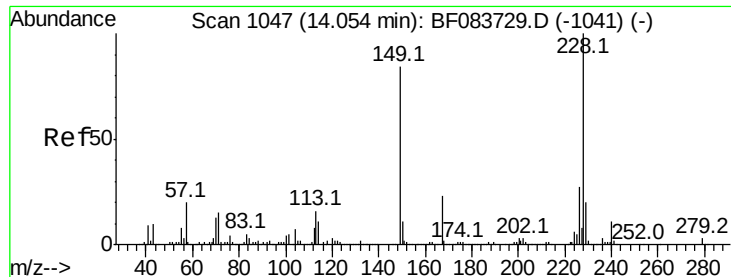
Tot Ion:228 Resp: 1346
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.3 33.5#
 229 0.0 15.7 23.5#



#82
 Chrysene
 Concen: 0.08 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion:228 Resp: 1346
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.7 37.1#
 229 0.0 16.3 24.5#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

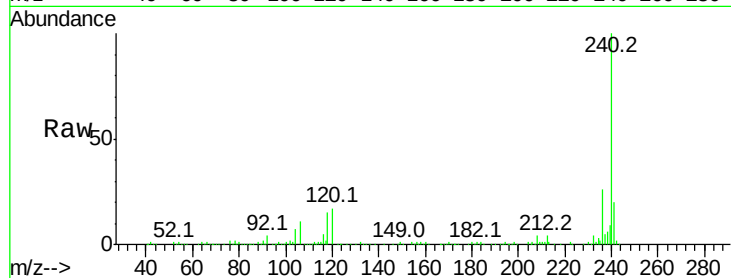
Tot Ion:149 Resp: 1756

Ion Ratio Lower Upper

149 100

167 32.2 21.8 32.8

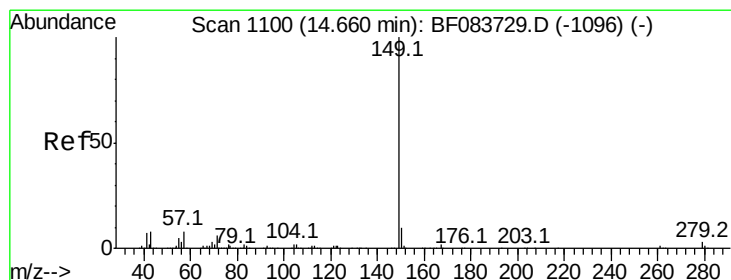
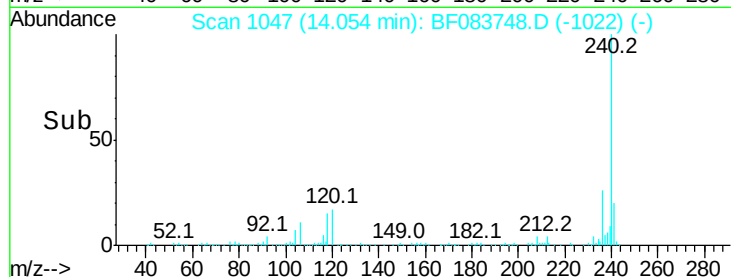
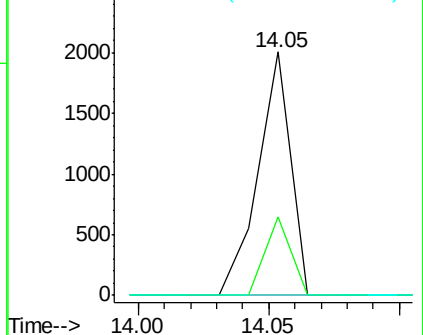
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.69 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

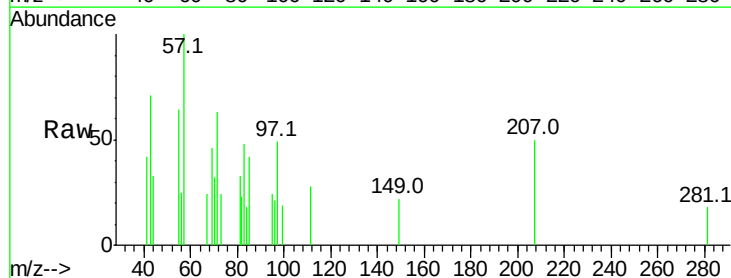
Tgt Ion:149 Resp: 259

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

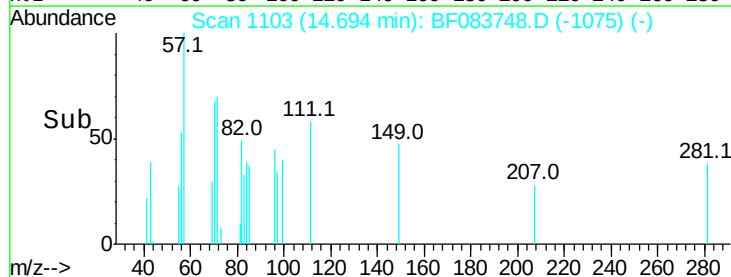
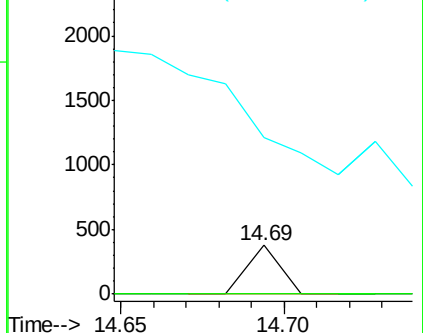
43 0.0 0.0 0.0

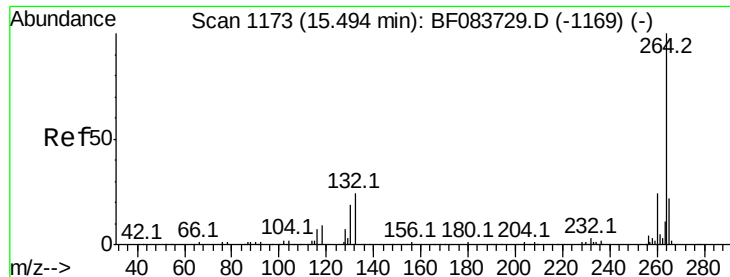


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

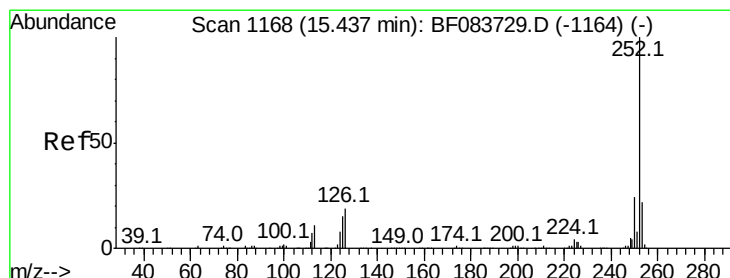
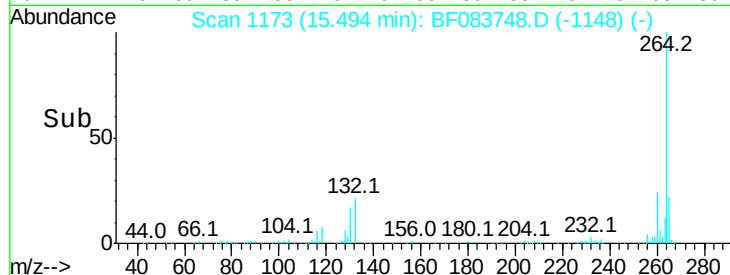
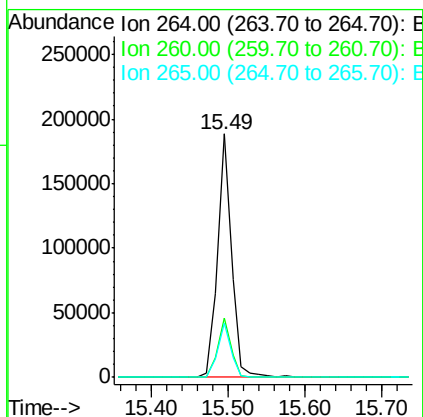
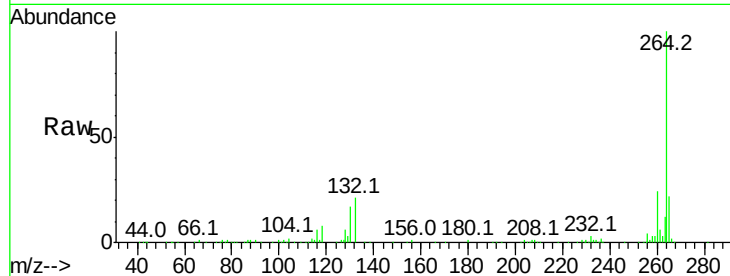




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 238763
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 22.1 17.8 26.6



#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.05 min
Lab File: BF083748.D
Acq: 14 Dec 2015 00:04

Tgt Ion:252 Resp: 408
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.6#

