

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083747.D
 Acq On : 13 Dec 2015 23:36
 Operator : UM/IZ
 Sample : G4743-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:34:47 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	130694	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	534786	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	247066	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	445816	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	294793	20.00	ng	-0.02
86) Perylene-d12	15.49	264	248208	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	965237	119.15	ng	0.00
7) Phenol-d6	6.54	99	1195644	116.54	ng	0.00
23) Nitrobenzene-d5	7.48	82	881106	92.18	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	326575	129.72	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1310320	75.00	ng	-0.01
78) Terphenyl-d14	13.01	244	1183219	86.34	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	220	0.06	ng	# 1
6) Aniline	6.56	93	450	0.03	ng	# 1
8) 2-Chlorophenol	6.70	128	665	0.07	ng	80
9) Benzaldehyde	6.68	77	23886	4.34	ng	93
10) Phenol	6.56	94	24303	2.06	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	1369	0.16	ng	# 1
15) Benzyl Alcohol	7.07	79	14479	1.92	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.05	45	2505	0.23	ng	83
17) 2-Methylphenol	7.05	107	363	0.05	ng	# 15
19) n-Nitroso-di-n-propylamine	7.48	70	118423	18.85	ng	# 67
24) Nitrobenzene	7.48	77	2811	0.28	ng	# 42
25) Isophorone	7.48	82	816524	43.54	ng	# 69
31) Naphthalene	8.22	128	232	0.01	ng	# 69
45) 1,1'-Biphenyl	9.28	154	2655	0.12	ng	# 1
47) 2-Nitroaniline	9.39	65	520	0.11	ng	# 14
49) Dimethylphthalate	9.66	163	431293	22.39	ng	100
50) 2,6-Dinitrotoluene	9.66	165	4628	1.13	ng	# 9
51) Acenaphthene	9.95	154	975	0.06	ng	# 4
54) Dibenzofuran	10.16	168	213	0.01	ng	# 47
56) 2,4-Dinitrotoluene	9.95	165	32332	6.05	ng	# 12
57) Fluorene	10.74	166	15451	0.90	ng	# 90
59) Diethylphthalate	10.37	149	2212	0.11	ng	# 87
62) Azobenzene	10.66	77	253	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	868	0.34	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	10951	0.72	ng	# 46
66) 4-Bromophenyl-phenylether	10.74	248	23264	4.67	ng	# 1
70) Phenanthrene	11.45	178	1514	0.06	ng	# 60
71) Anthracene	11.45	178	1514	0.06	ng	# 60
73) Di-n-butylphthalate	12.00	149	18306	0.66	ng	97
74) Fluoranthene	12.64	202	881	0.04	ng	64
77) Pyrene	12.87	202	728	0.03	ng	# 57
79) Butylbenzylphthalate	13.55	149	289	0.03	ng	# 21
80) Benzo(a)anthracene	14.05	228	1854	0.11	ng	# 51
82) Chrysene	14.05	228	1854	0.11	ng	# 49

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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Sample : G4743-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

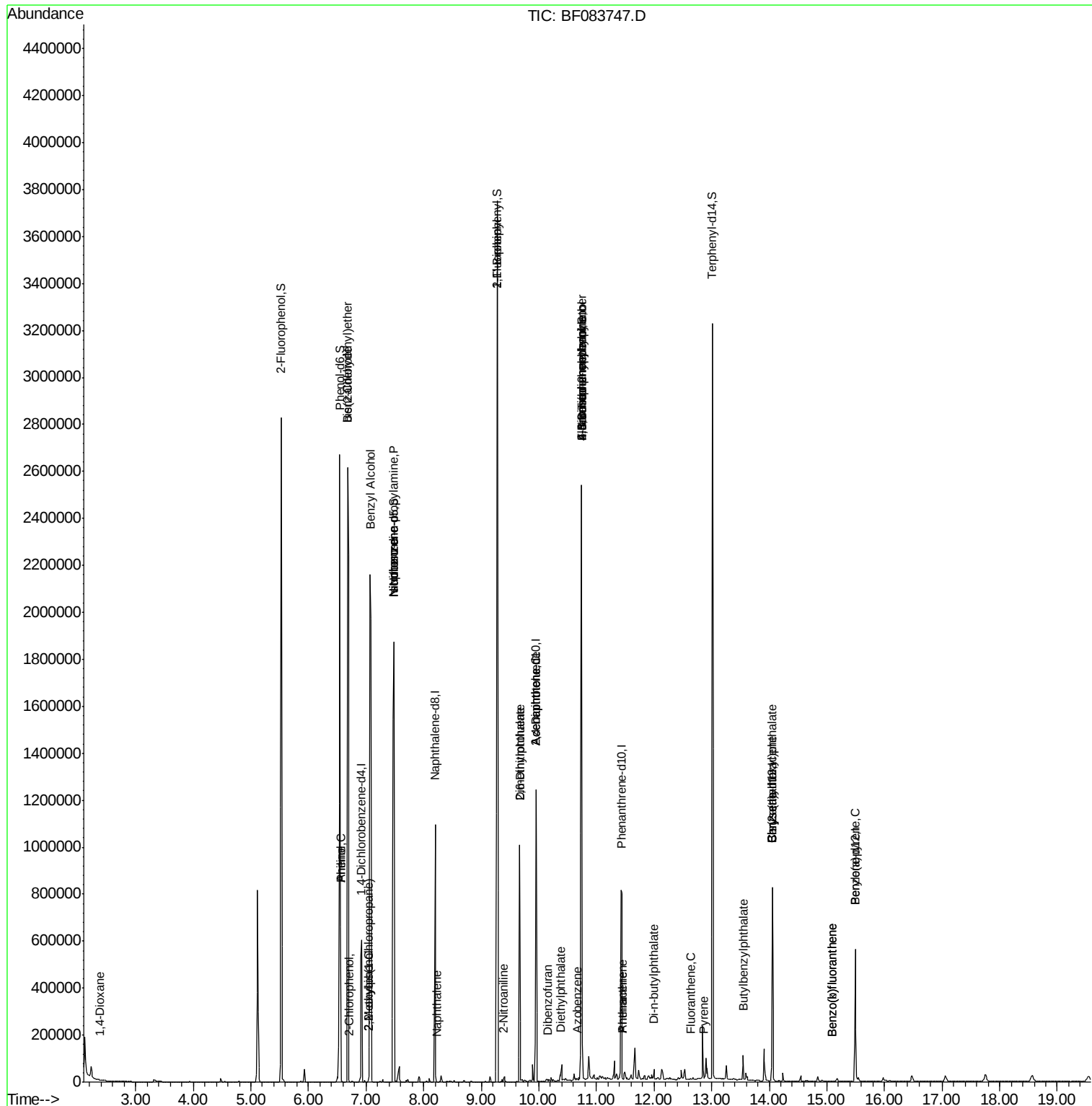
Quant Time: Dec 14 02:34:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

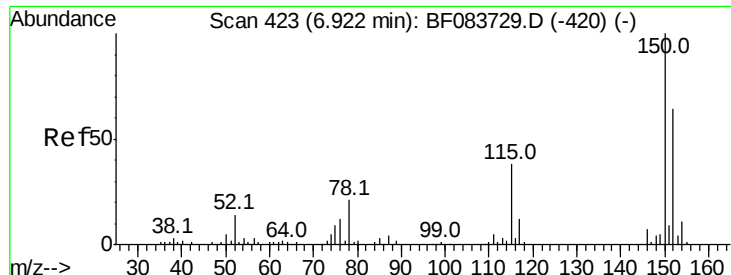
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	14.05	149	1453	0.13	nq	# 98
87) Benzo(b)fluoranthene	15.08	252	922	0.06	nq	# 59
88) Benzo(k)fluoranthene	15.08	252	922	0.06	nq	# 57
89) Benzo(a)pyrene	15.49	252	686	0.05	nq	# 59

(#) = 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: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

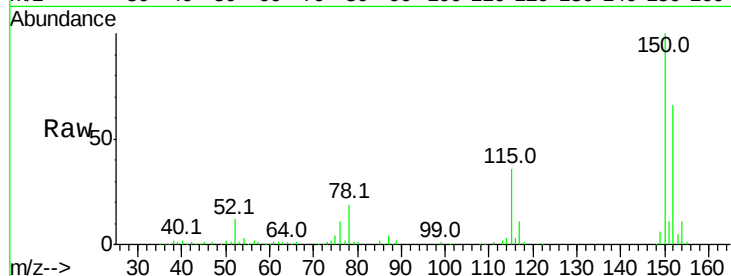
Tot Ion:152 Resp: 130694

Ion Ratio Lower Upper

152 100

150 151.9 126.5 189.7

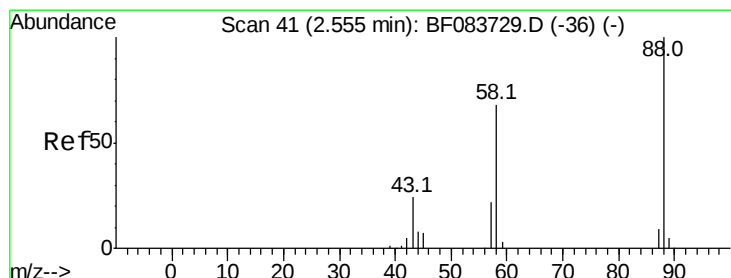
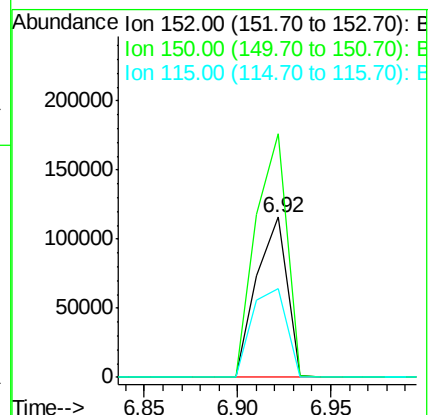
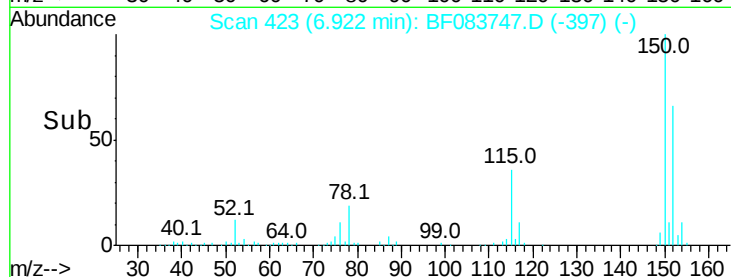
115 55.0 52.3 78.5



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



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.18 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

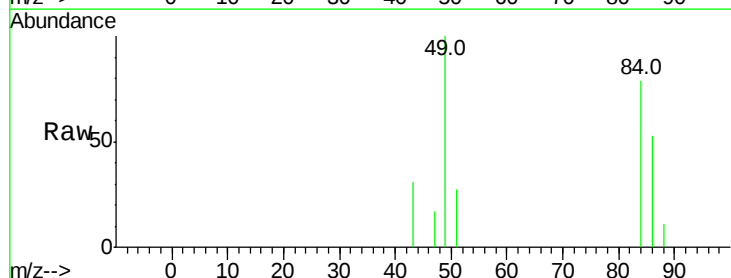
Tgt Ion: 88 Resp: 220

Ion Ratio Lower Upper

88 100

58 225.5 68.0 102.0#

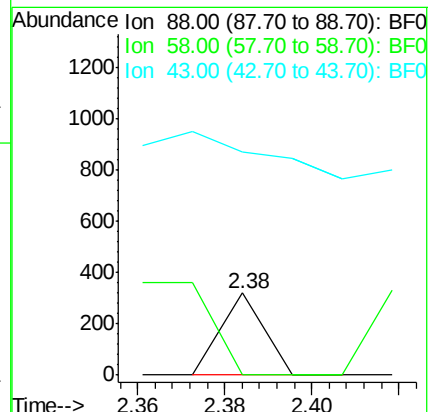
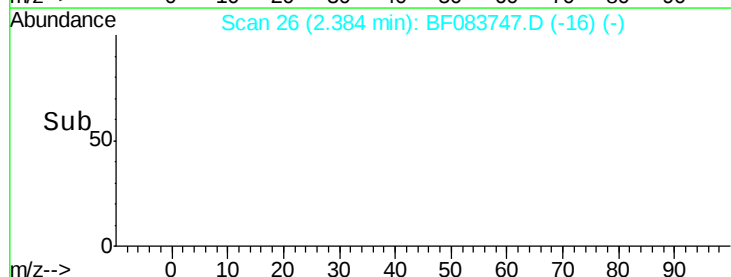
43 0.0 27.9 41.9#

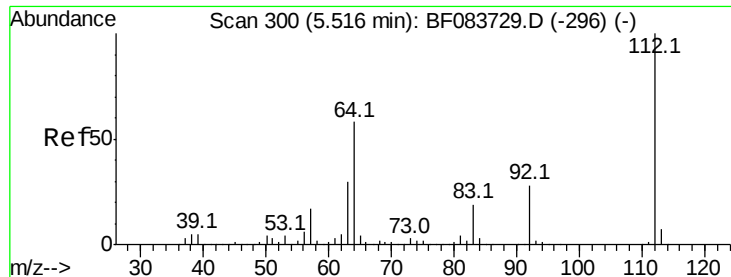


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 119.15 ng

RT: 5.53 min Scan# 301

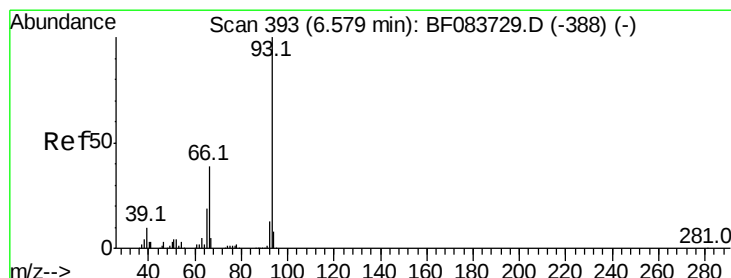
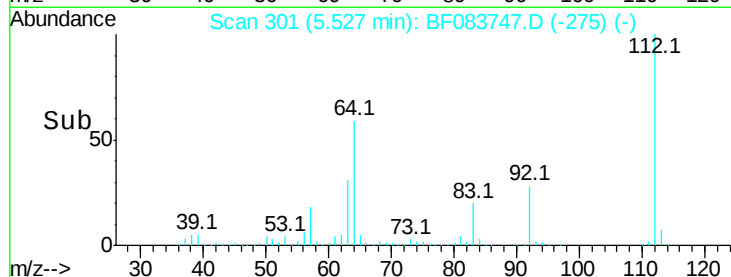
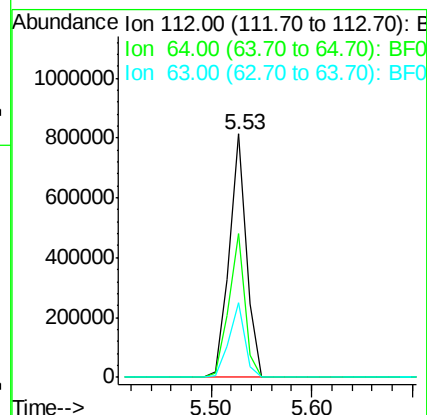
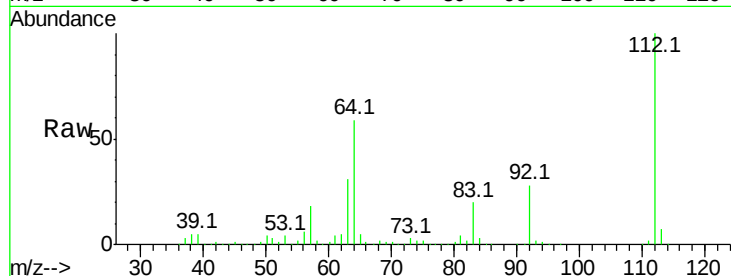
Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	965237
Ion	Ratio	Lower	Upper
112	100		
64	58.9	50.5	75.7
63	30.7	25.8	38.6



#6

Aniline

Concen: 0.03 ng

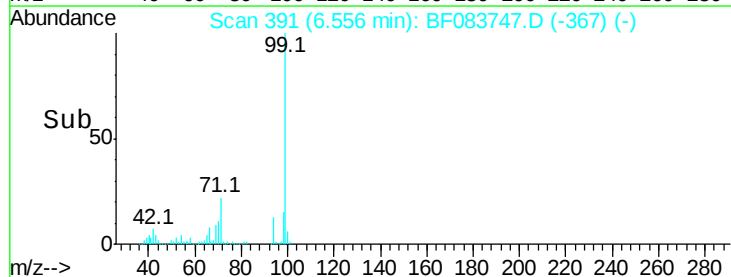
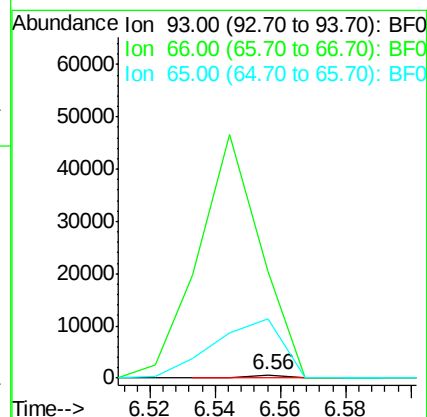
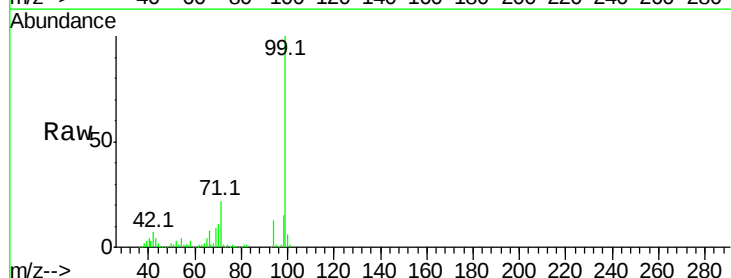
RT: 6.56 min Scan# 391

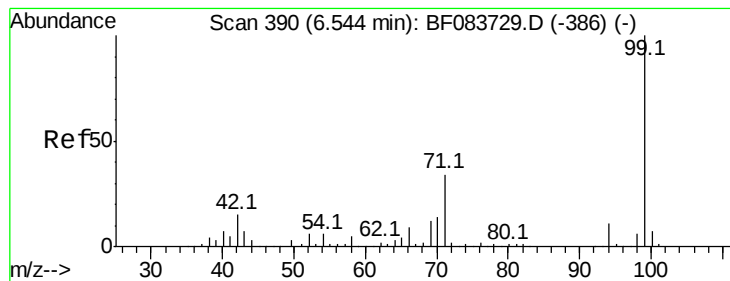
Delta R.T. -0.02 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Tgt Ion:	93	Resp:	450
Ion	Ratio	Lower	Upper
93	100		
66	3124.4	41.3	61.9#
65	1716.5	20.8	31.2#





#7

Phenol-d6

Concen: 116.54 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

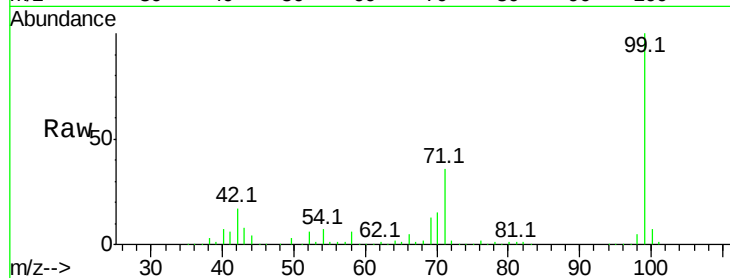
Instrument :

BNA_F

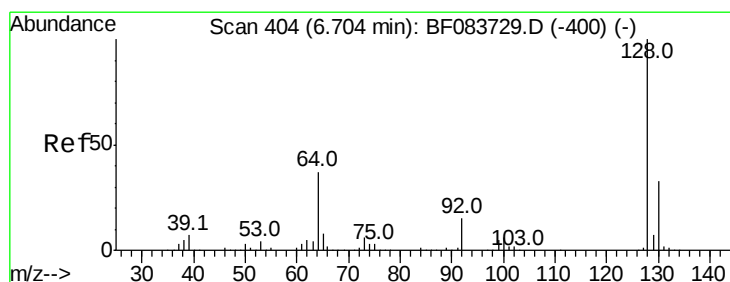
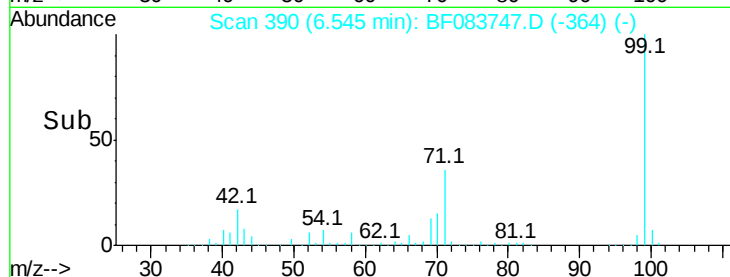
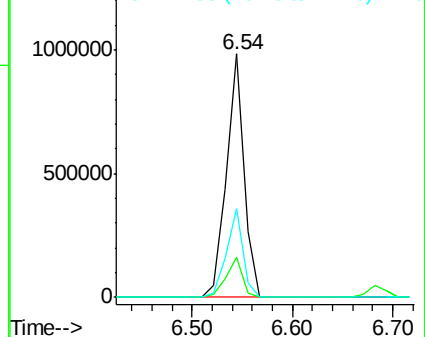
ClientSampleId :

Tot Ion: 99 Resp: 1195644

Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.3	25.9#
71	36.3	26.6	40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.70 min Scan# 404

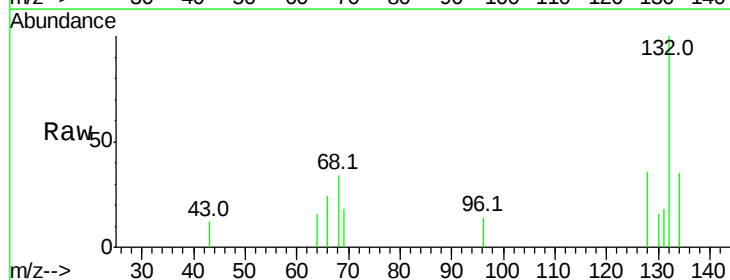
Delta R.T. 0.00 min

Lab File: BF083747.D

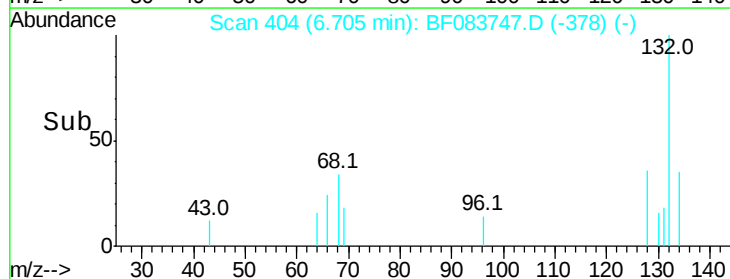
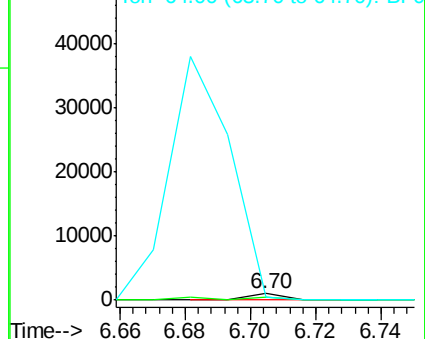
Acq: 13 Dec 2015 23:36

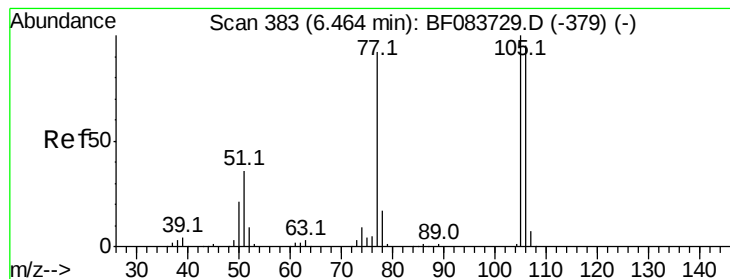
Tgt Ion: 128 Resp: 665

Ion	Ratio	Lower	Upper
128	100		
130	44.5	12.6	52.6
64	43.7	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

Benzaldehyd

Concen: 4.34 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampled :

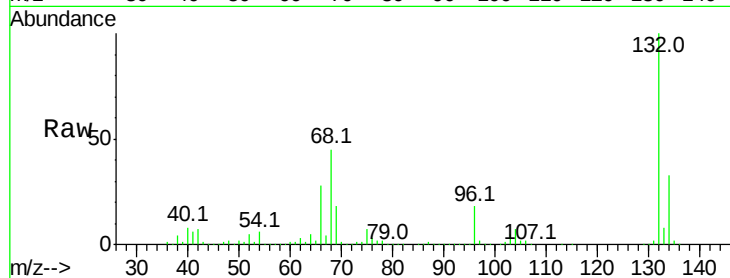
Tot Ion: 77 Resp: 23886

Ion Ratio Lower Upper

77 100

105 85.2 71.8 111.8

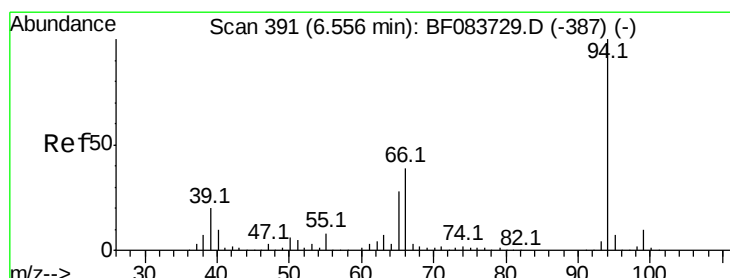
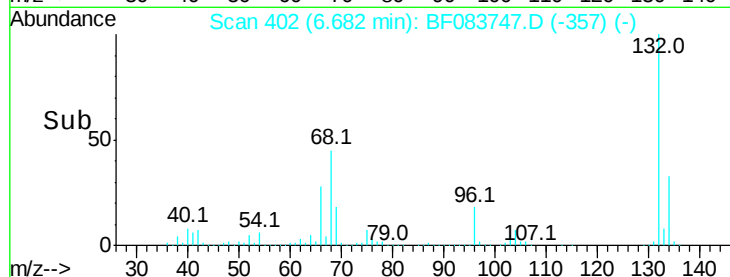
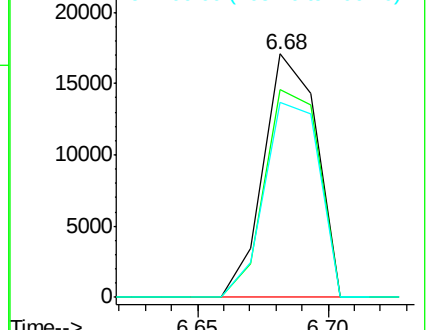
106 79.9 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 2.06 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

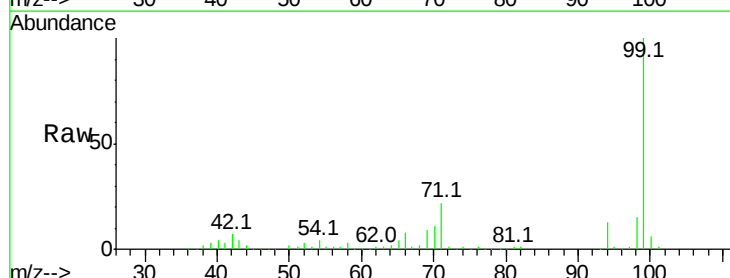
Tgt Ion: 94 Resp: 24303

Ion Ratio Lower Upper

94 100

65 33.5 20.9 60.9

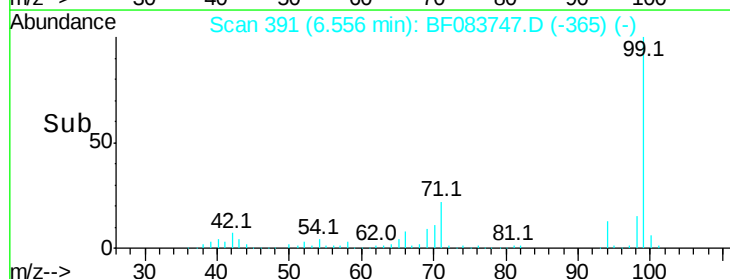
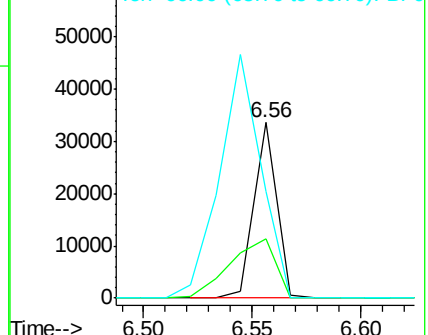
66 61.0 41.6 81.6

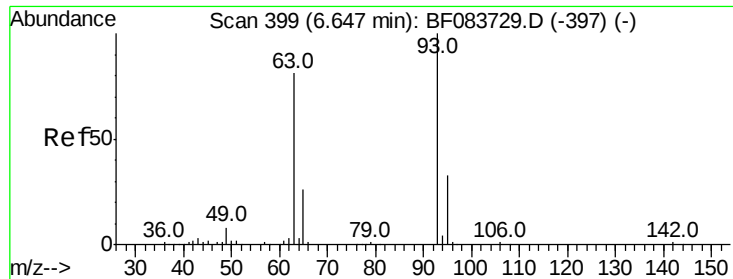


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.02 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampled :

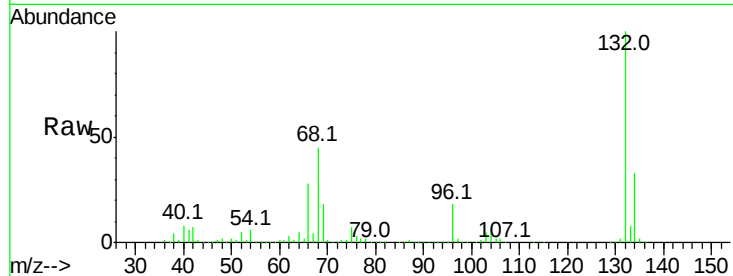
Tot Ion: 93 Resp: 1369

Ion Ratio Lower Upper

93 100

63 788.9 64.7 104.7#

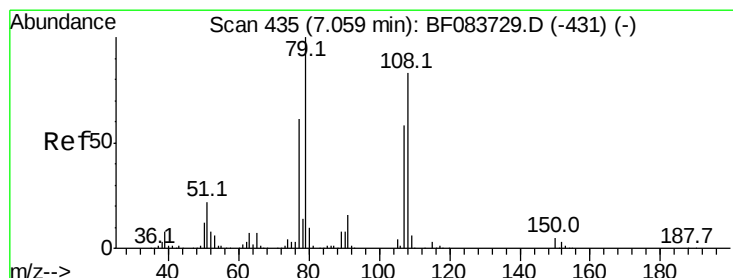
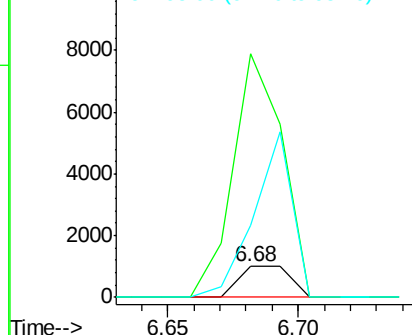
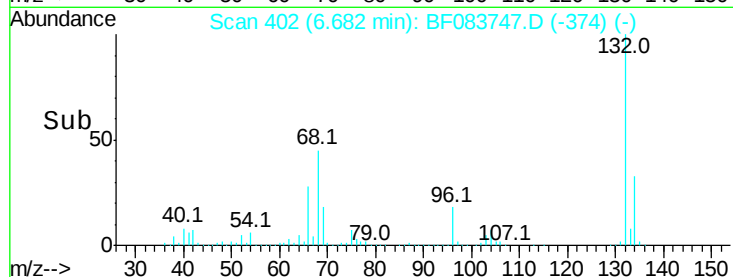
95 235.2 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 1.92 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

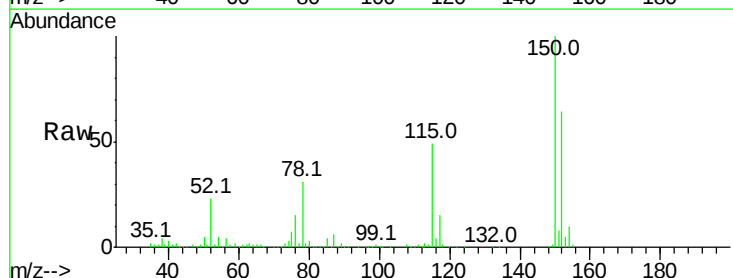
Tgt Ion: 79 Resp: 14479

Ion Ratio Lower Upper

79 100

108 28.5 59.6 89.4#

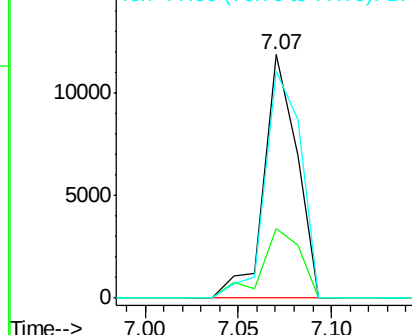
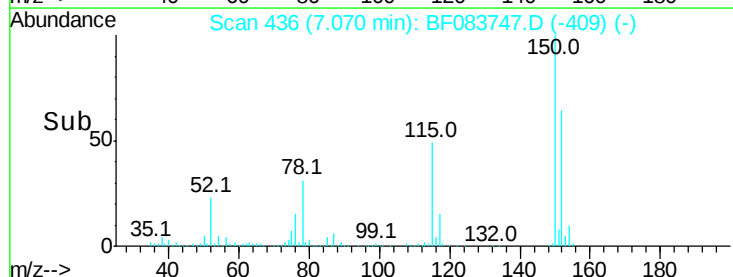
77 93.4 49.8 74.6#

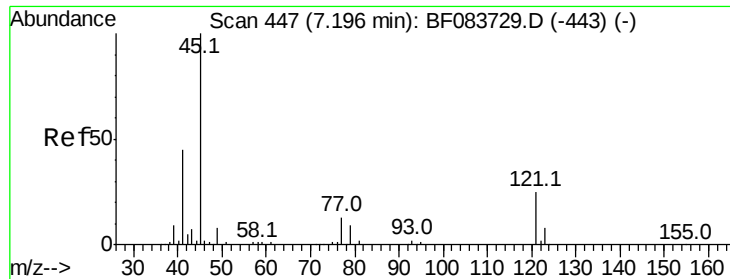


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

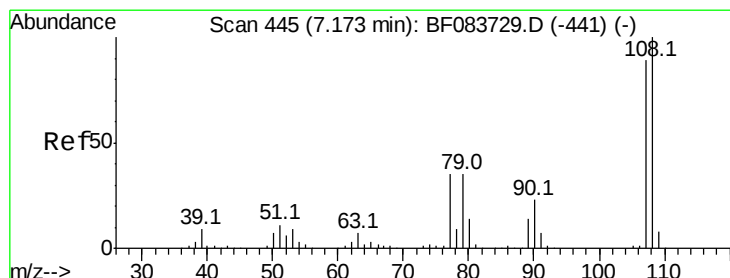
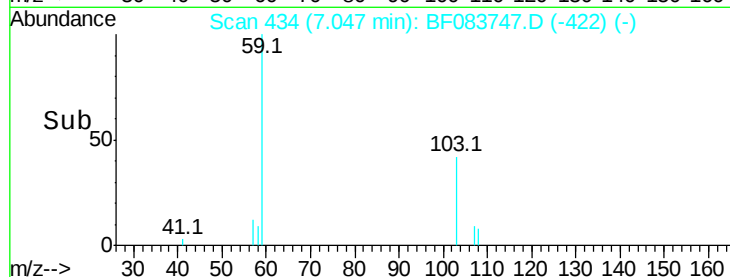
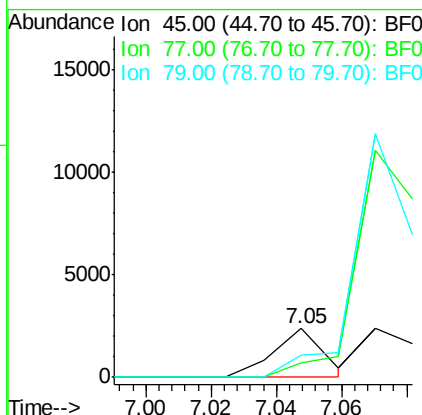
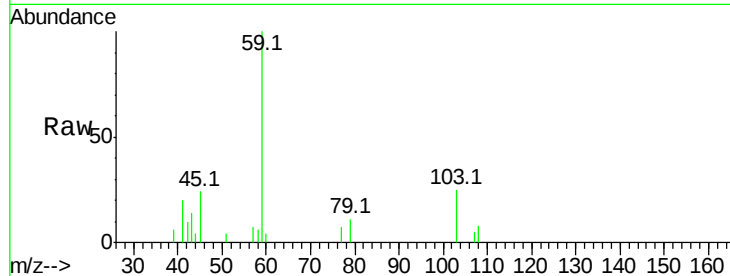




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.23 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.16 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

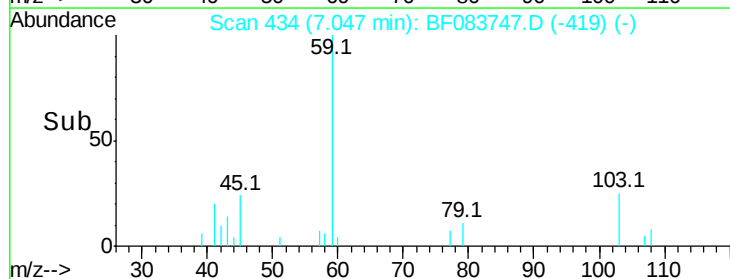
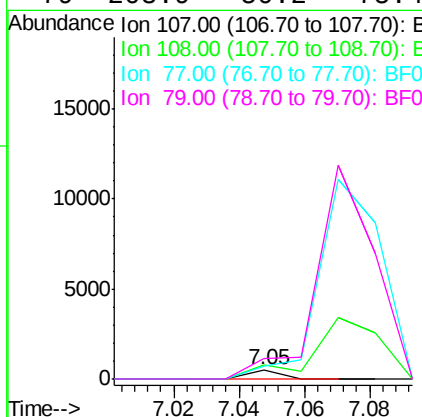
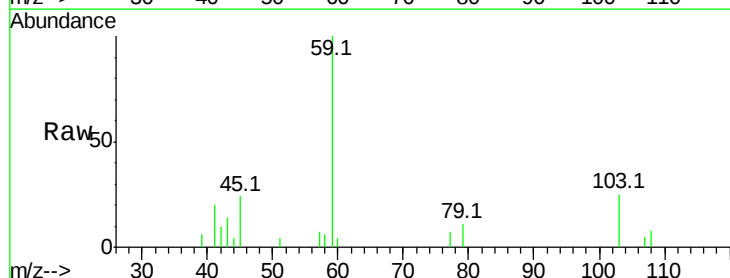
Instrument :
BNA_F
ClientSampleId :

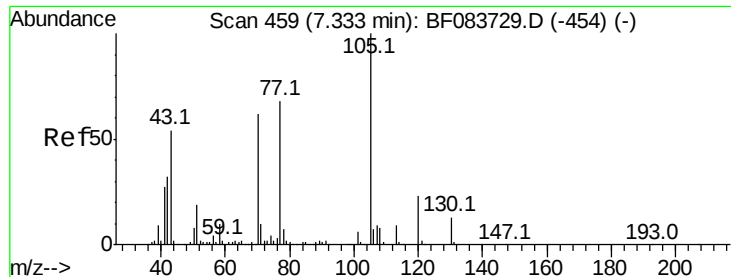
Tot Ion: 45 Resp: 2505
Ion Ratio Lower Upper
45 100
77 29.3 12.8 52.8
79 46.4 10.7 50.7



#17
2-Methylphenol
Concen: 0.05 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.13 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion: 107 Resp: 363
Ion Ratio Lower Upper
107 100
108 148.5 91.6 137.4#
77 132.1 53.7 80.5#
79 208.9 50.2 75.4#

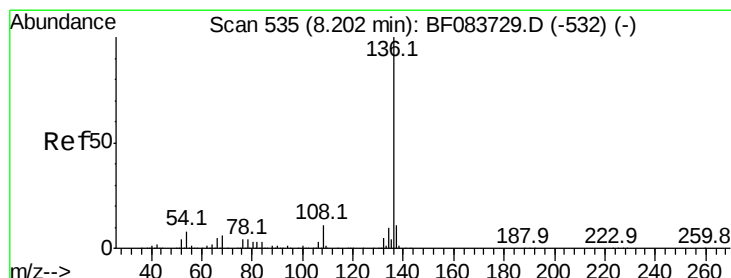
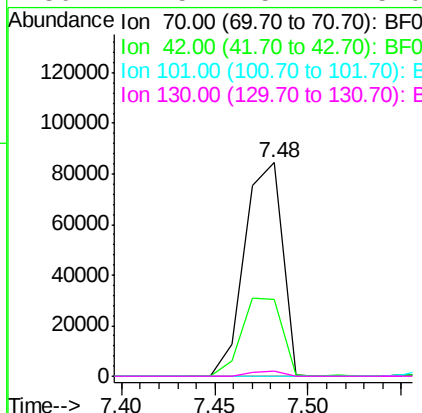
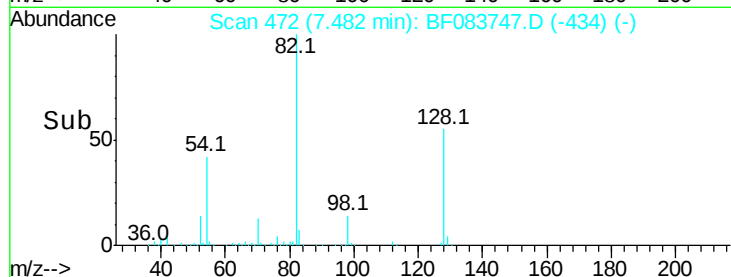
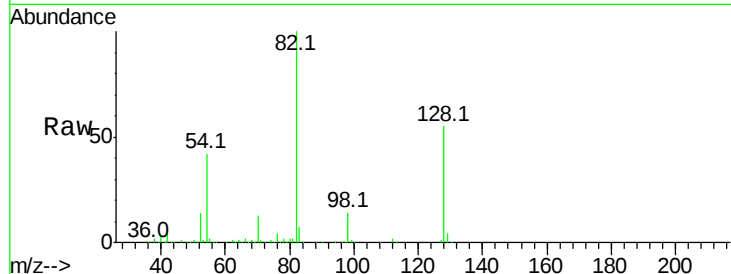




#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

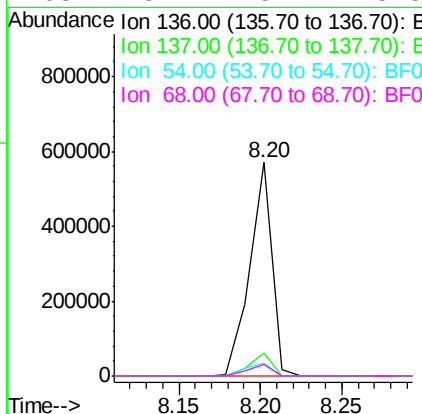
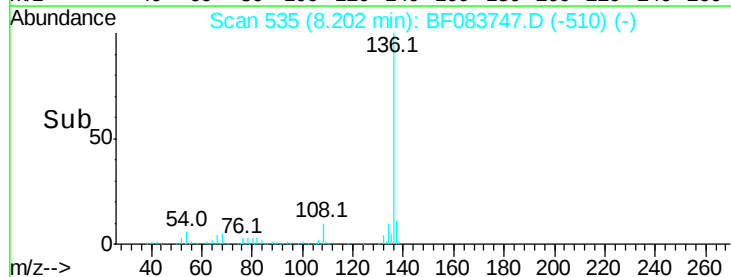
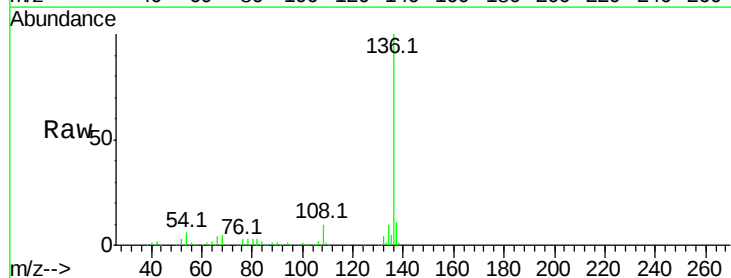
Instrument :
BNA_F
ClientSampleId :

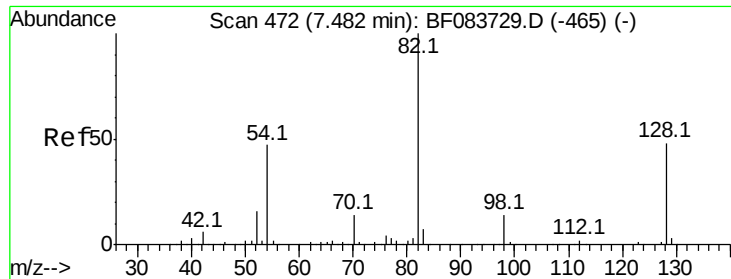
Tot Ion: 70 Resp: 118423
Ion Ratio Lower Upper
70 100
42 35.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.5 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:136 Resp: 534786
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.1 7.8 11.6#
68 5.1 5.7 8.5#

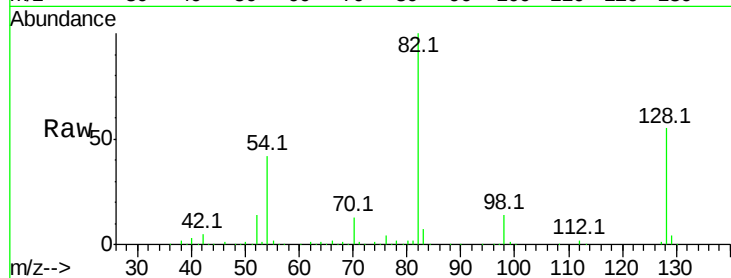




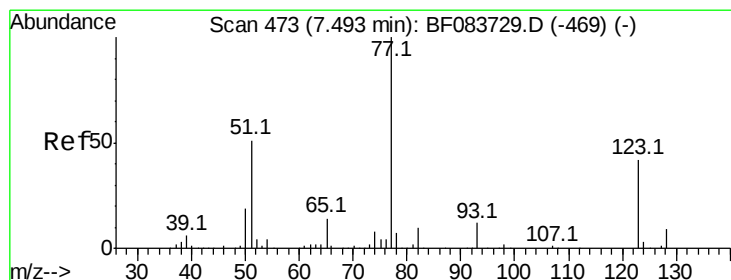
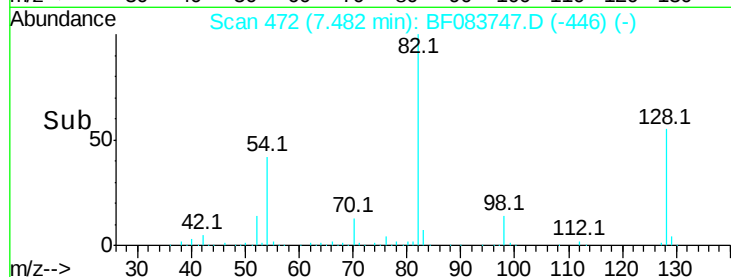
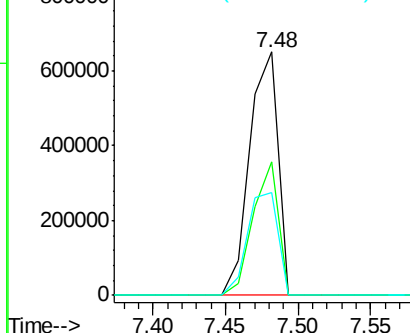
#23
 Nitrobenzene-d5
 Concen: 92.18 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 881106
 Ion Ratio Lower Upper
 82 100
 128 54.8 30.7 46.1#
 54 42.5 42.5 63.7#

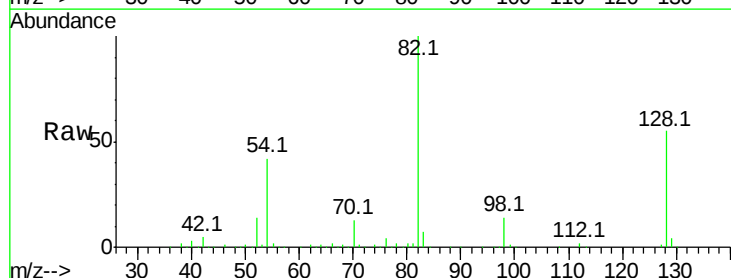


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

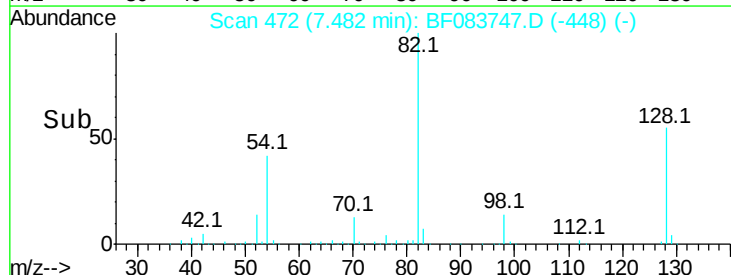
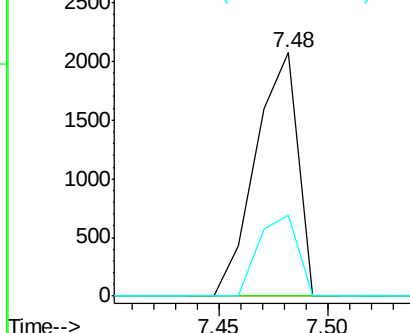


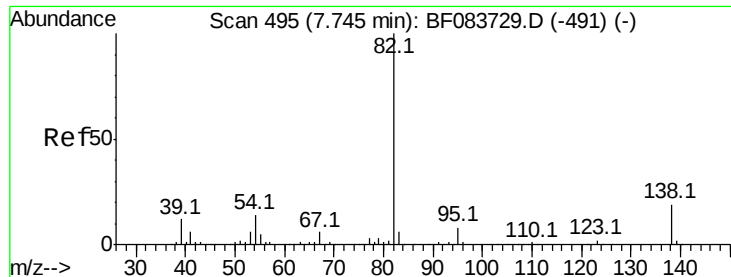
#24
 Nitrobenzene
 Concen: 0.28 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion: 77 Resp: 2811
 Ion Ratio Lower Upper
 77 100
 123 0.0 29.8 44.6#
 65 33.5 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: 43.54 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

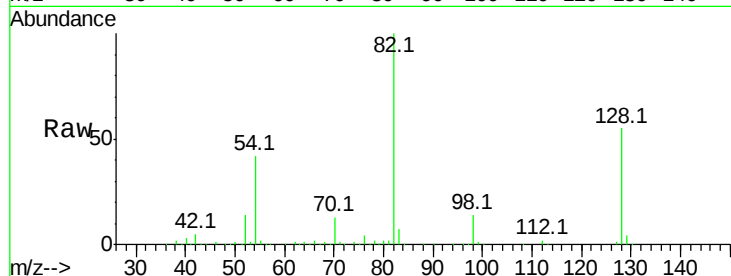
Tot Ion: 82 Resp: 816524

Ion Ratio Lower Upper

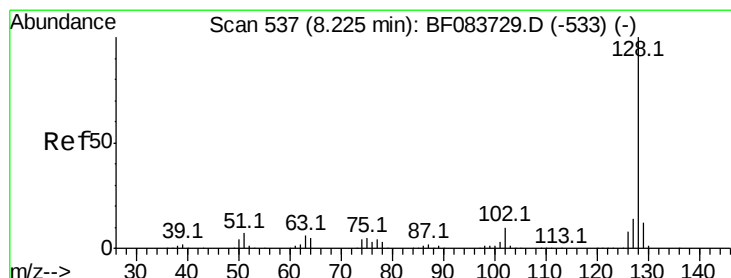
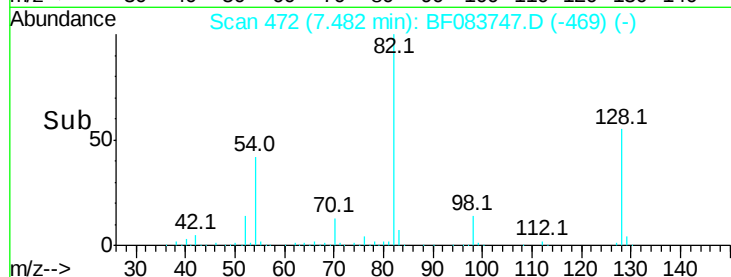
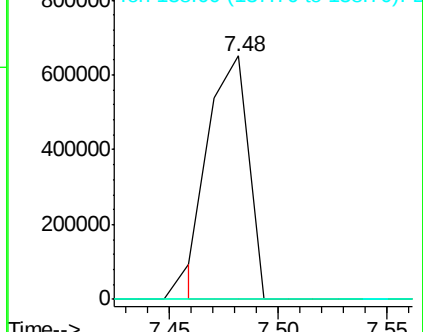
82 100

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): E



#31

Naphthalene

Concen: 0.01 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

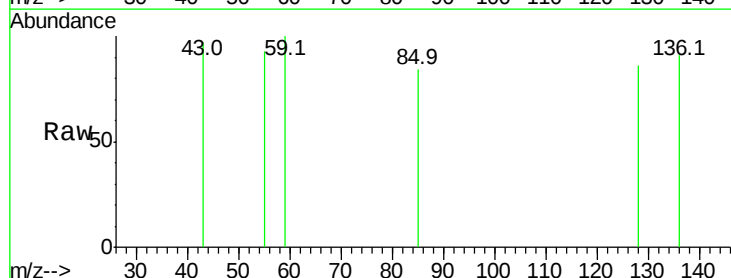
Tgt Ion:128 Resp: 232

Ion Ratio Lower Upper

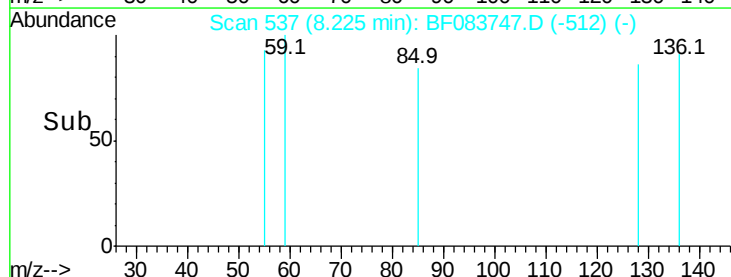
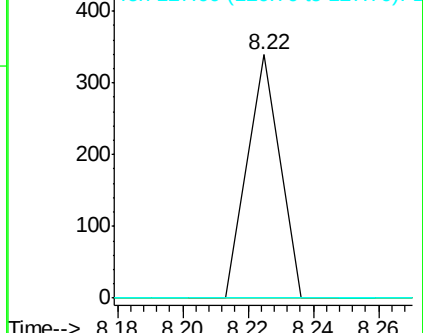
128 100

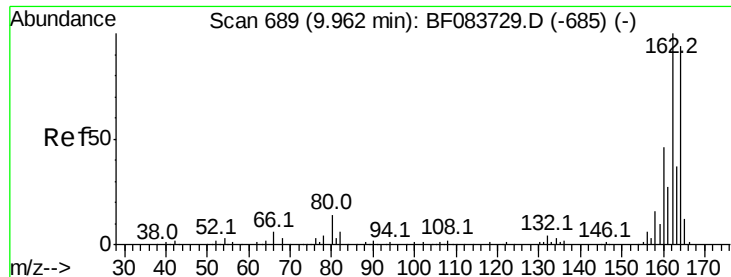
129 0.0 8.6 13.0#

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

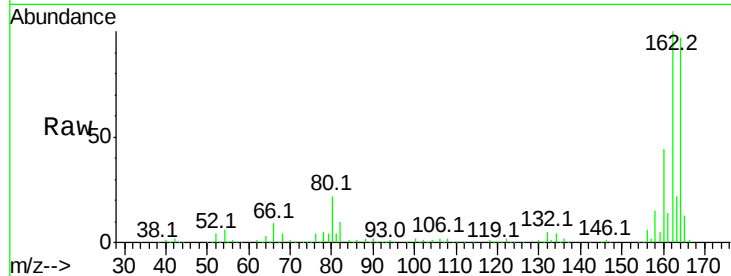




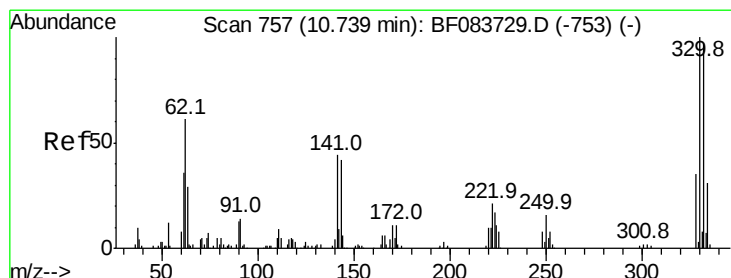
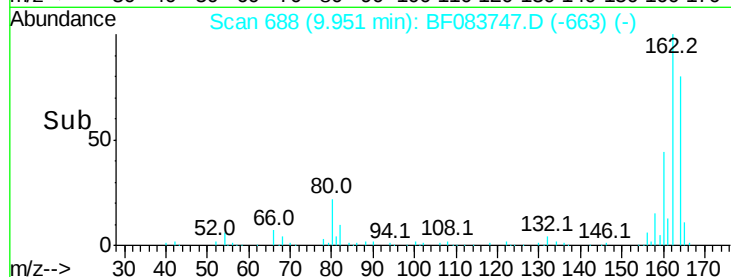
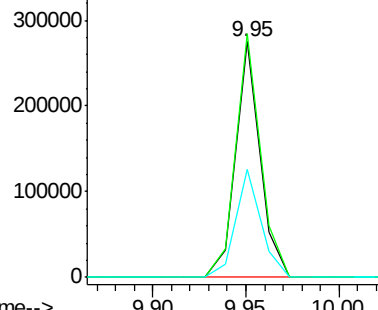
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 247066
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 45.9 33.4 50.2

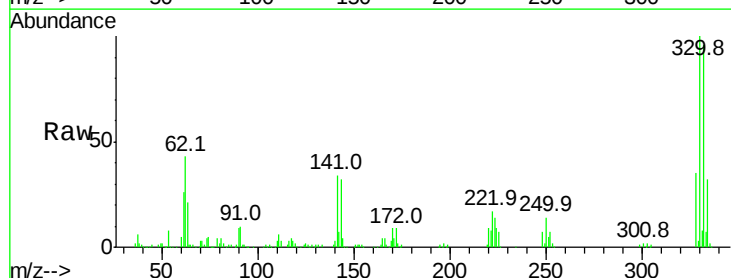


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

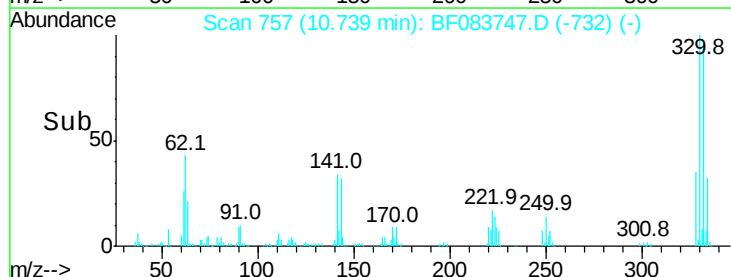
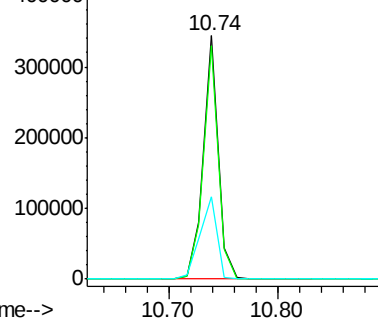


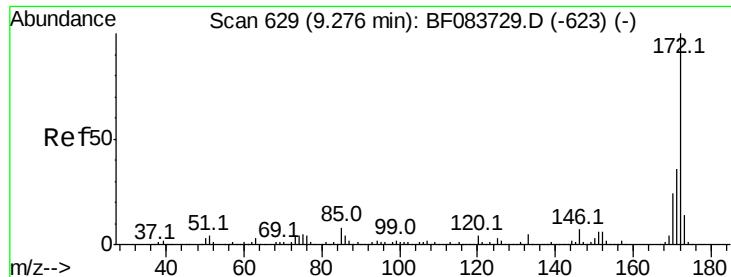
#41
 2,4,6-Tribromophenol
 Concen: 129.72 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion:330 Resp: 326575
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 38.5 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

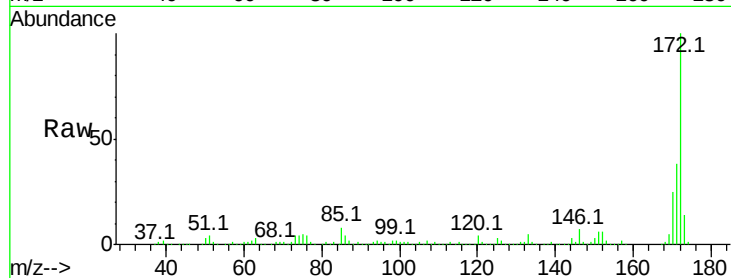




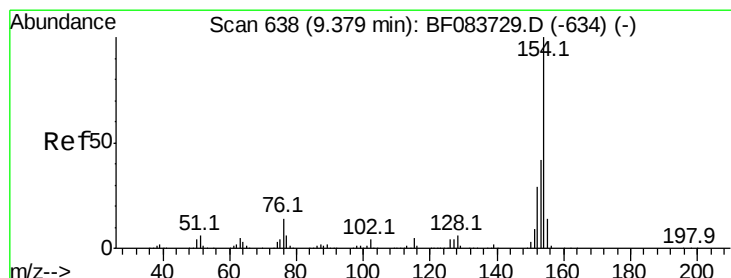
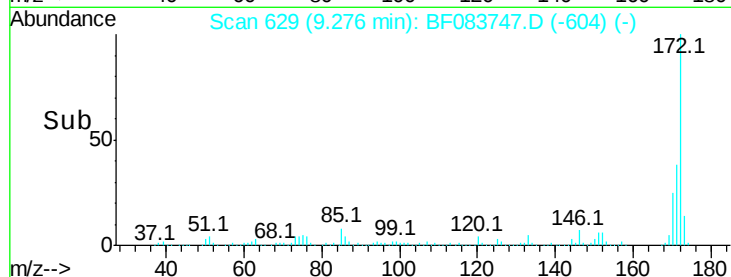
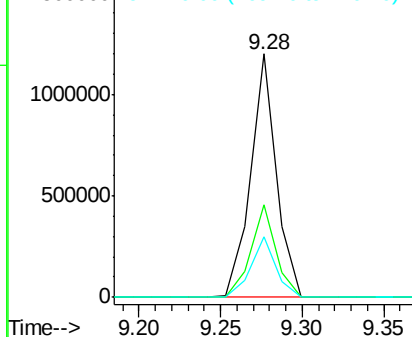
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1310320
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.6 42.8
 170 25.0 19.4 29.0

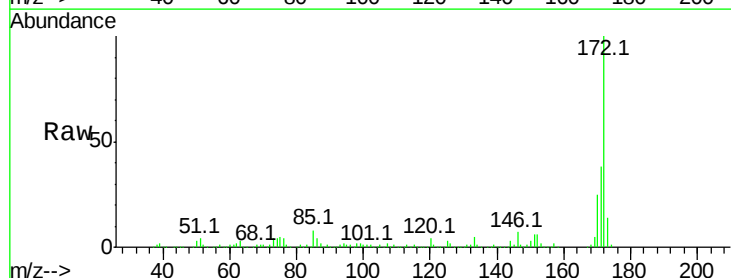


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

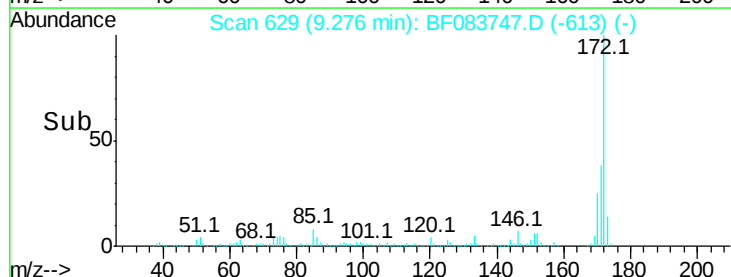
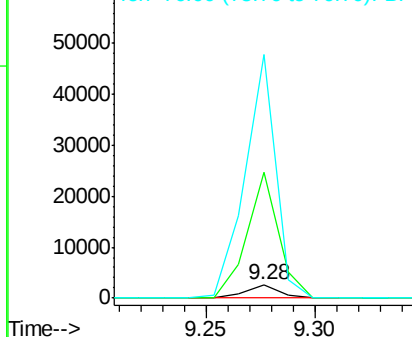


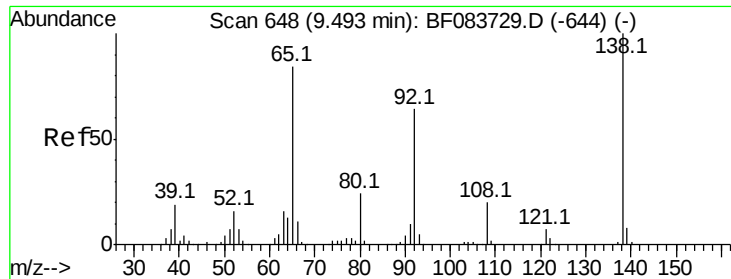
#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.11 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion:154 Resp: 2655
 Ion Ratio Lower Upper
 154 100
 153 938.1 20.2 60.2#
 76 1810.5 0.0 34.8#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

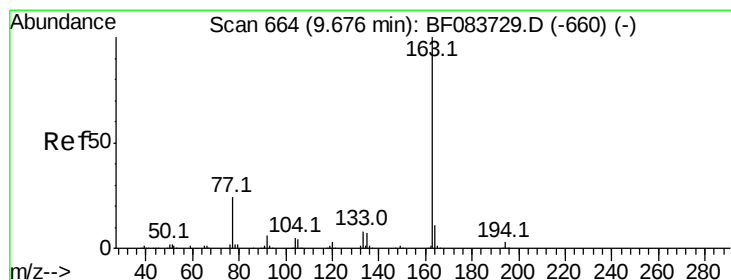
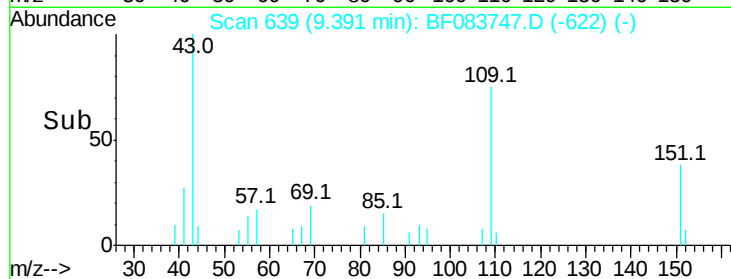
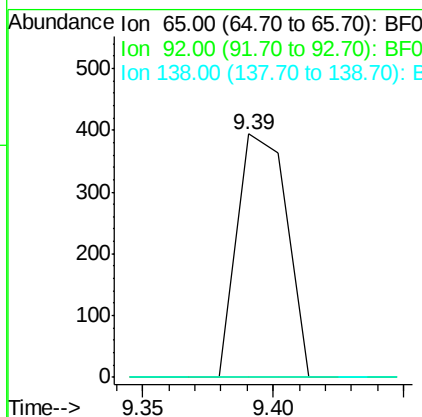
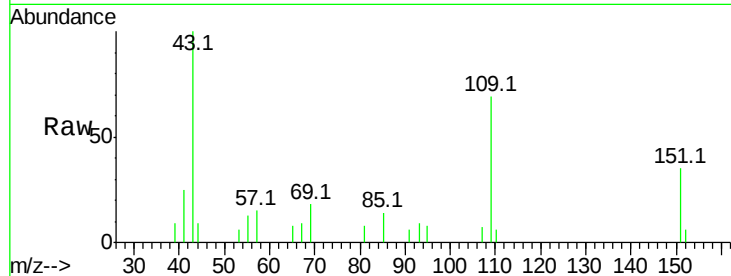




#47
 2-Nitroaniline
 Concen: 0.11 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.10 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

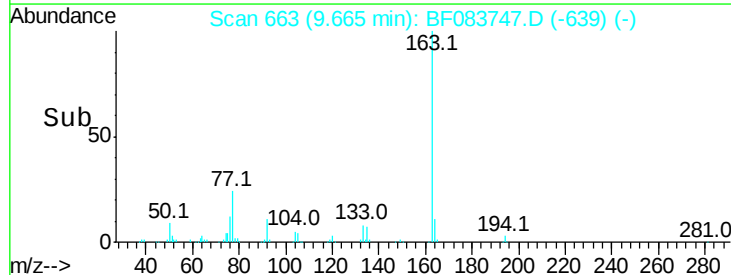
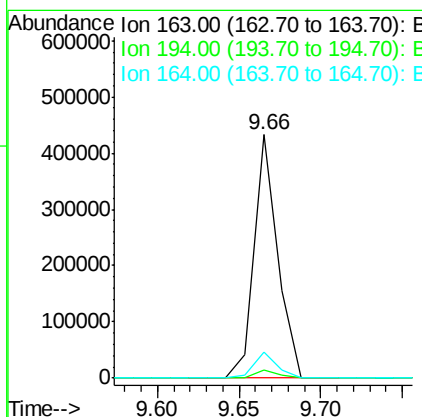
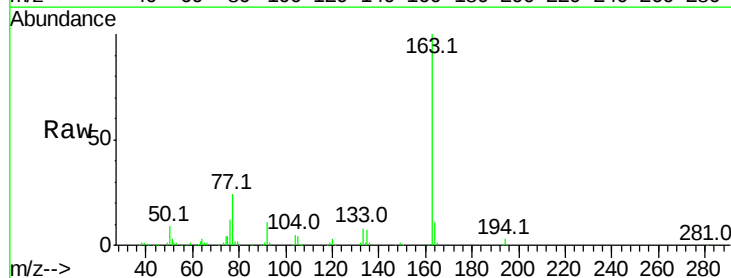
Instrument :
 BNA_F
 ClientSampleId :

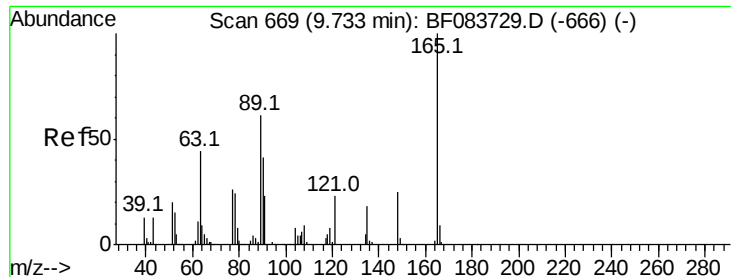
Tot Ion: 65 Resp: 520
 Ion Ratio Lower Upper
 65 100
 92 0.0 49.6 74.4#
 138 0.0 64.1 96.1#



#49
 Dimethylphthalate
 Concen: 22.39 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion:163 Resp: 431293
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.7 8.6 13.0

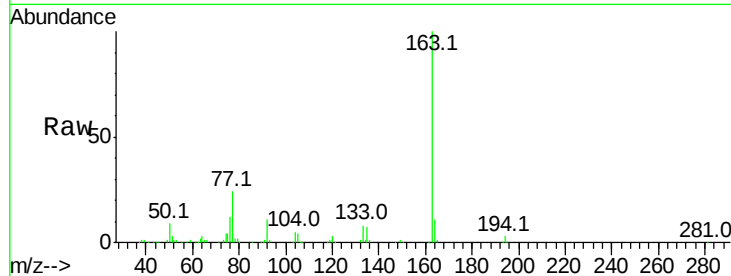




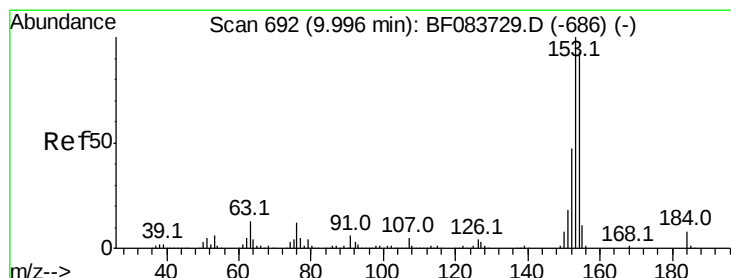
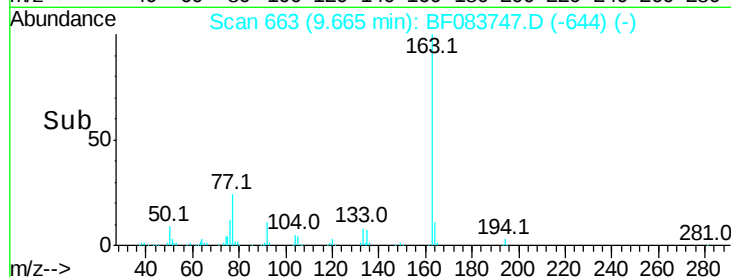
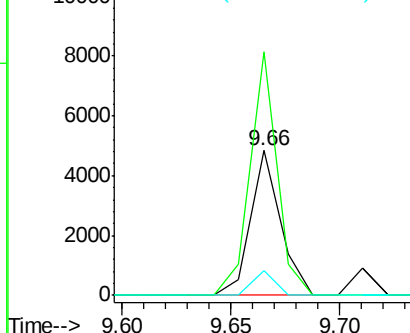
#50
2,6-Dinitrotoluene
Concen: 1.13 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.08 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 4628
Ion Ratio Lower Upper
165 100
63 168.5 56.9 85.3#
89 17.0 52.1 78.1#

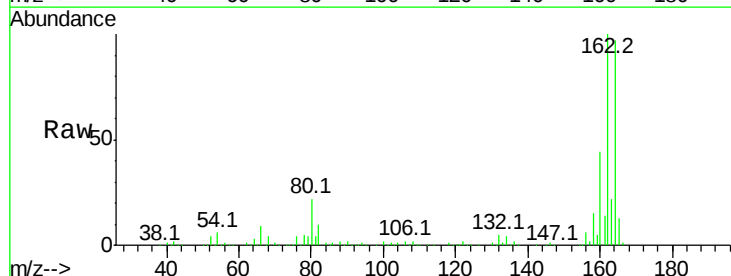


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

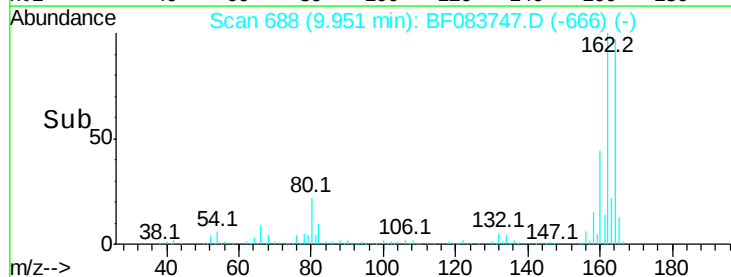
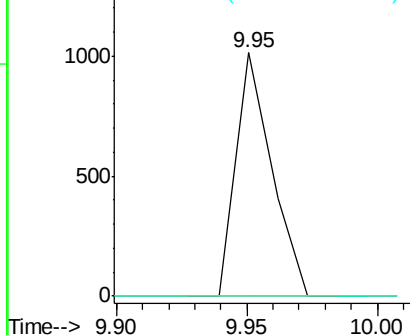


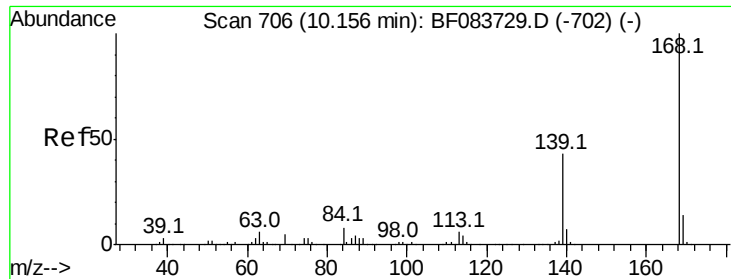
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:154 Resp: 975
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: 0.01 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

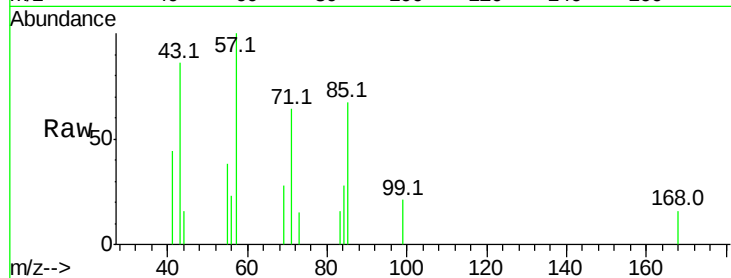
Tot Ion:168 Resp: 213

Ion Ratio Lower Upper

168 100

139 0.0 28.0 42.0#

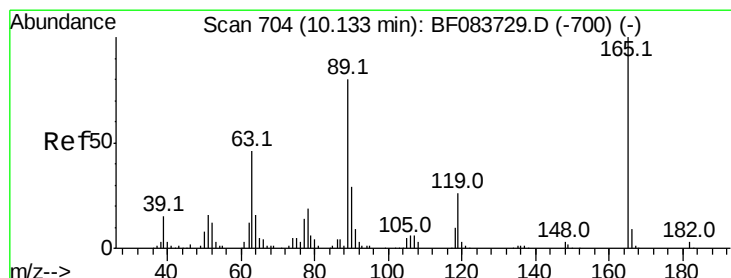
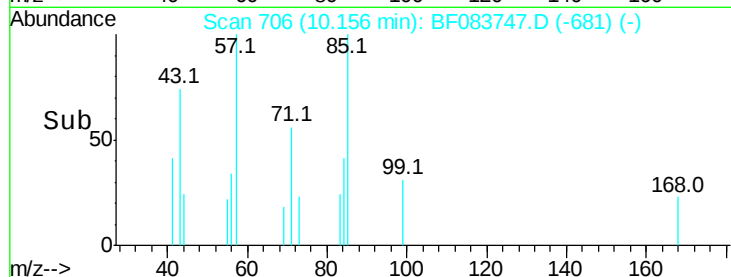
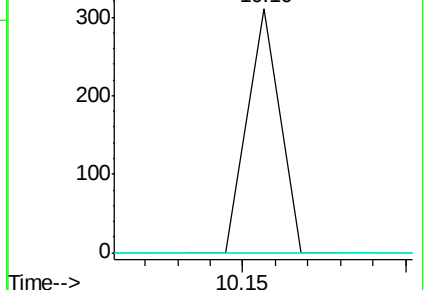
169 0.0 10.8 16.2#



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: 6.05 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Tgt Ion:165 Resp: 32332

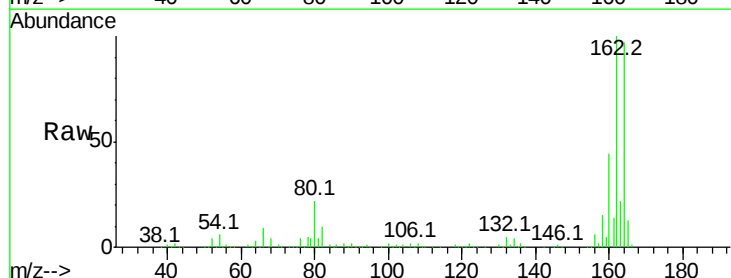
Ion Ratio Lower Upper

165 100

63 1.2 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

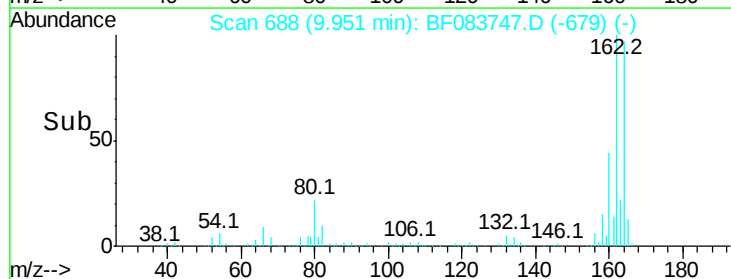
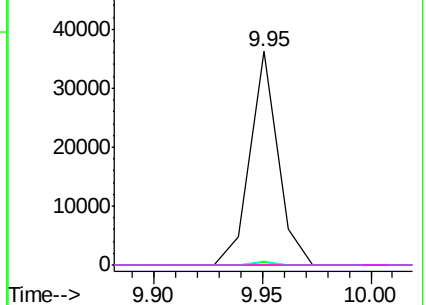


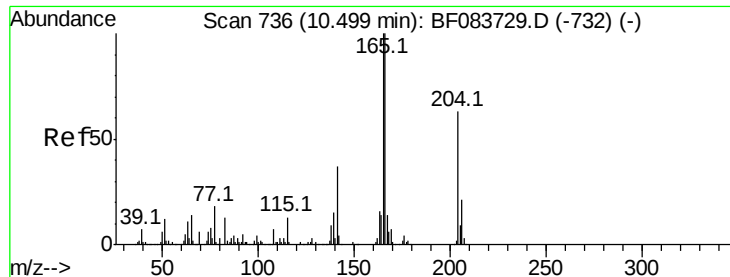
Abundance Ion 165.00 (164.70 to 165.70): E

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

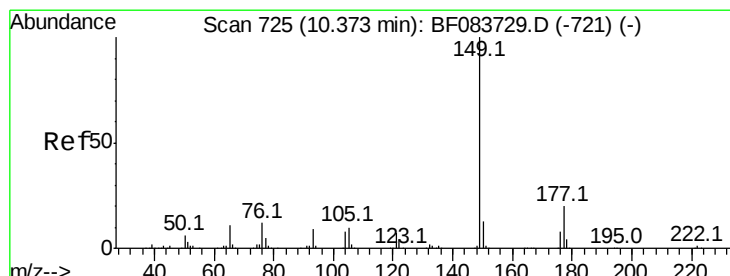
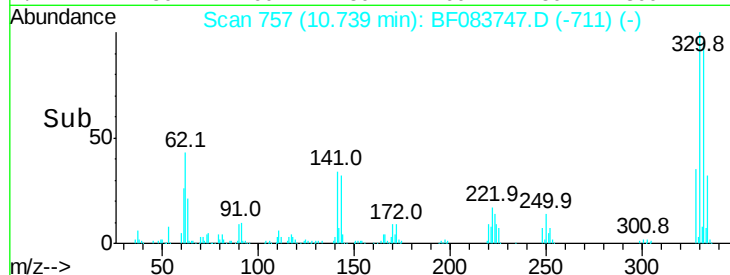
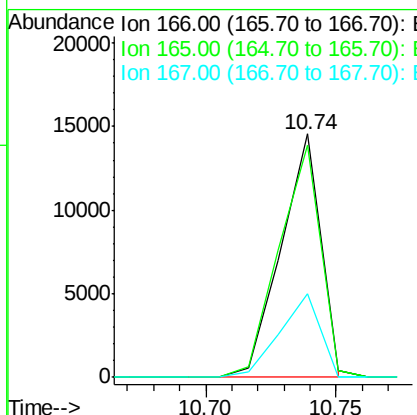
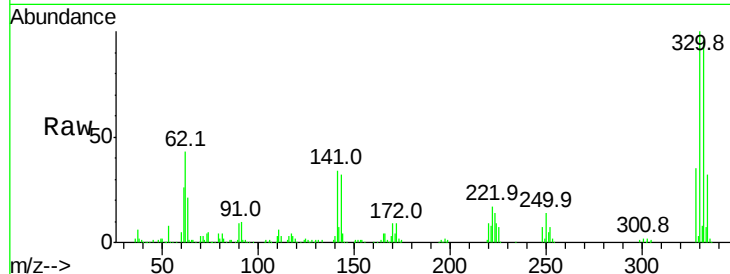




#57
 Fluorene
 Concen: 0.90 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.23 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

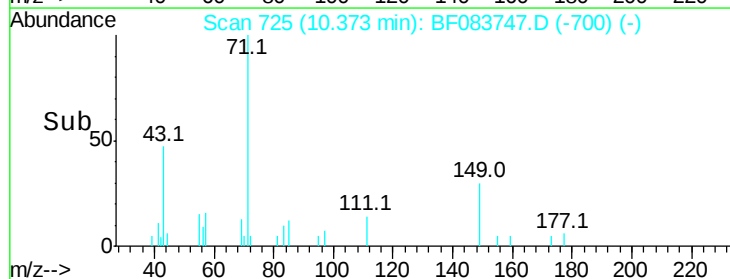
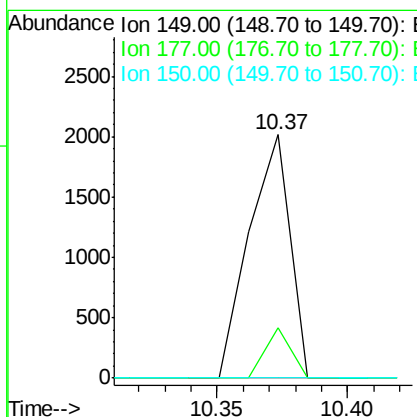
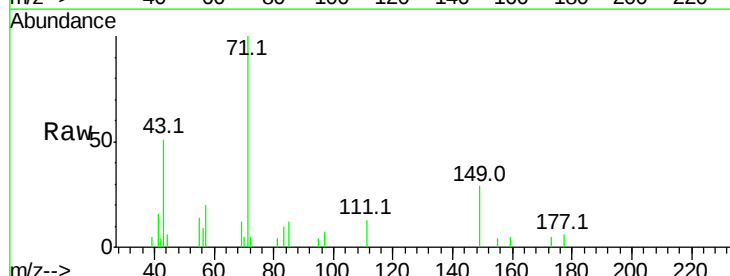
Instrument :
 BNA_F
 ClientSampleId :

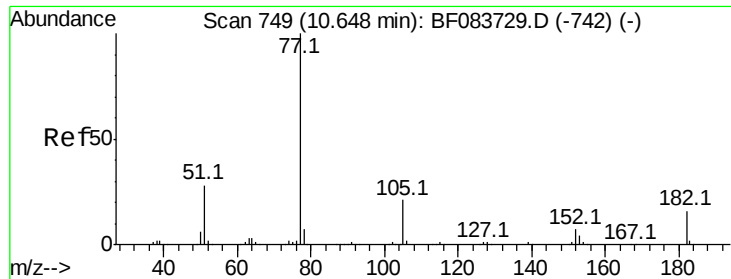
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	80.0	120.0
167	34.3	10.6	16.0



#59
 Diethylphthalate
 Concen: 0.11 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.9	25.3
150	0.0	10.2	15.4





#62

Azobenzene

Concen: 0.01 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 253

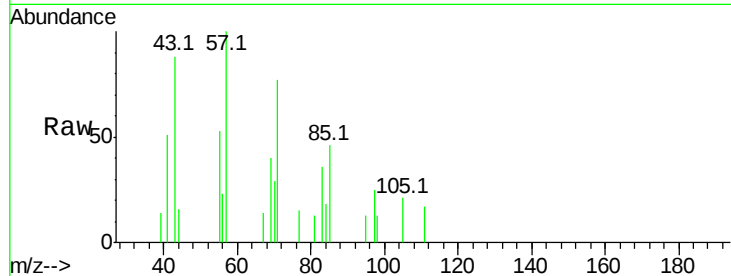
Ion Ratio Lower Upper

77 100

182 0.0 2.5 42.5#

105 136.3 2.1 42.1#

51 0.0 9.3 49.3#

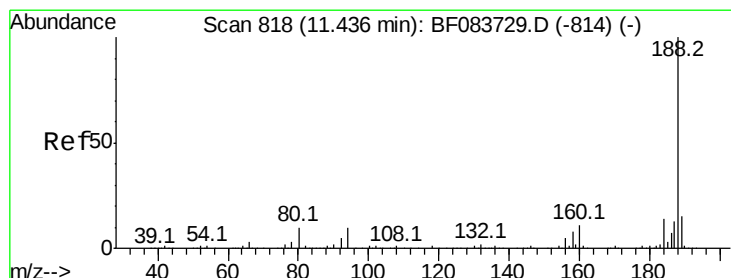
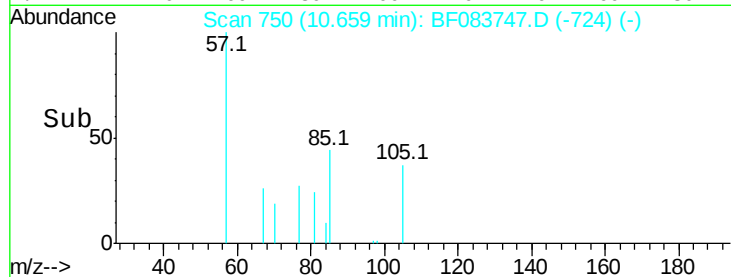
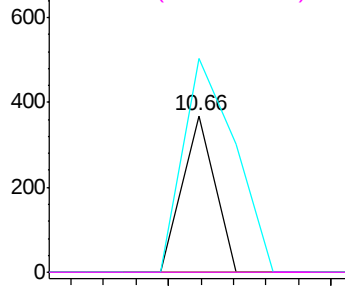


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF083747.D

Acq: 13 Dec 2015 23:36

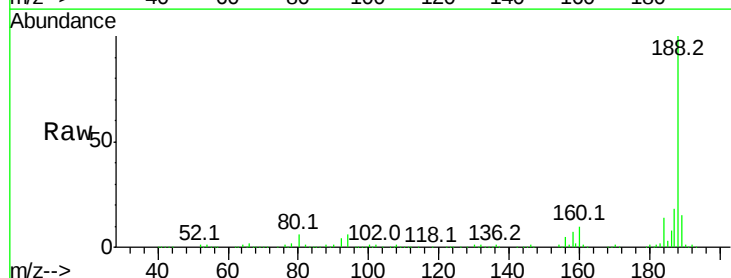
Tgt Ion: 188 Resp: 445816

Ion Ratio Lower Upper

188 100

94 6.3 9.4 14.2#

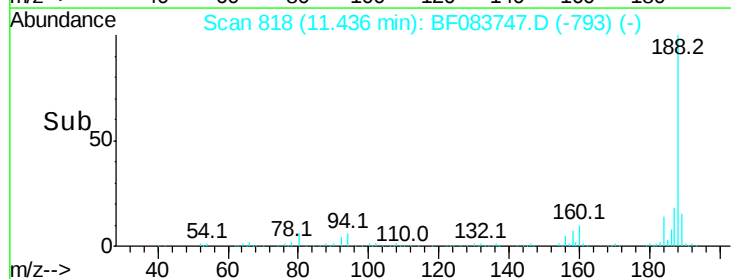
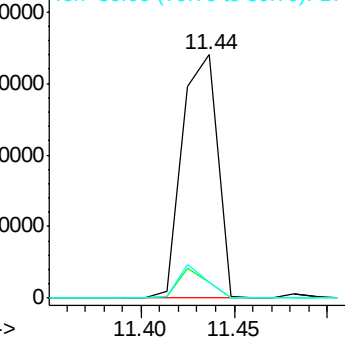
80 6.5 10.6 16.0#

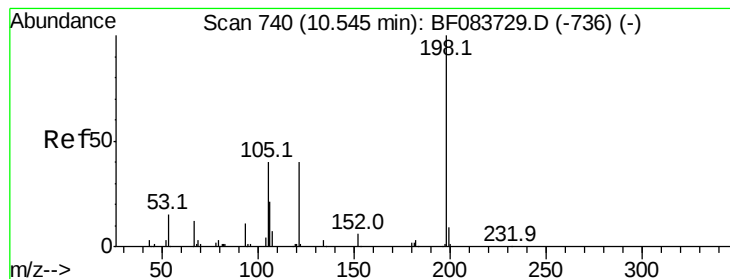


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.34 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

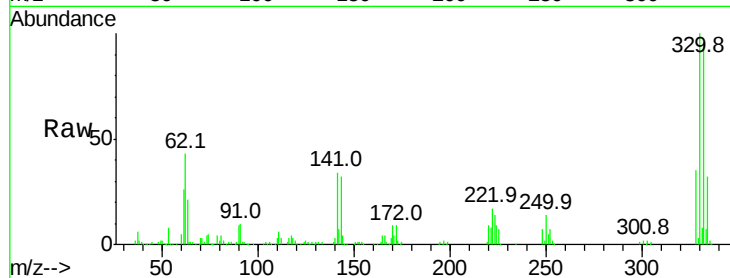
Tot Ion:198 Resp: 868

Ion Ratio Lower Upper

198 100

51 134.2 53.8 93.8#

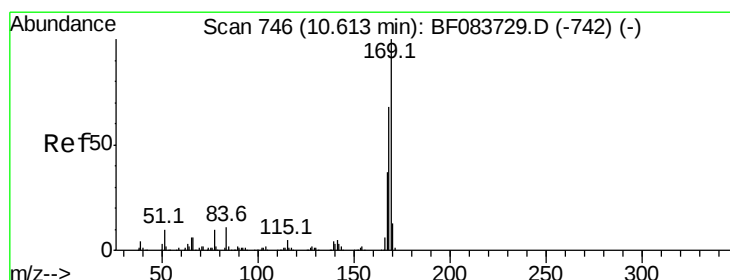
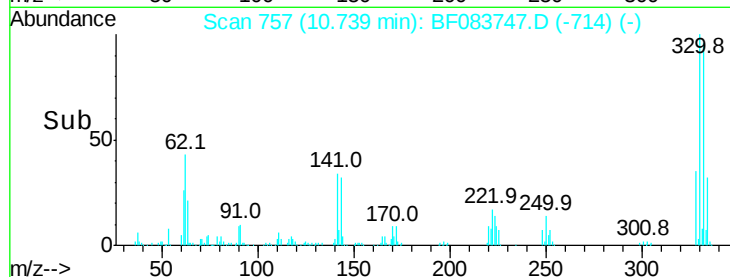
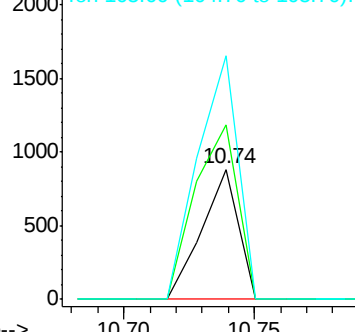
105 187.3 38.6 78.6#



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: 0.72 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

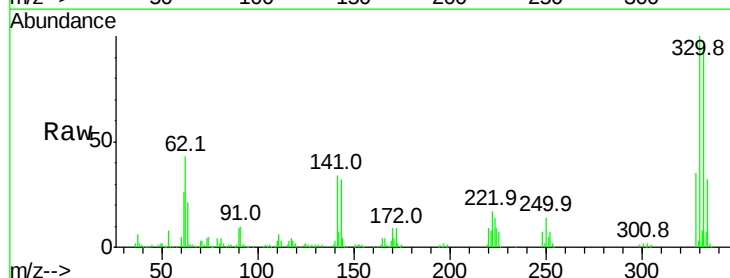
Tgt Ion:169 Resp: 10951

Ion Ratio Lower Upper

169 100

168 7.1 53.0 79.6#

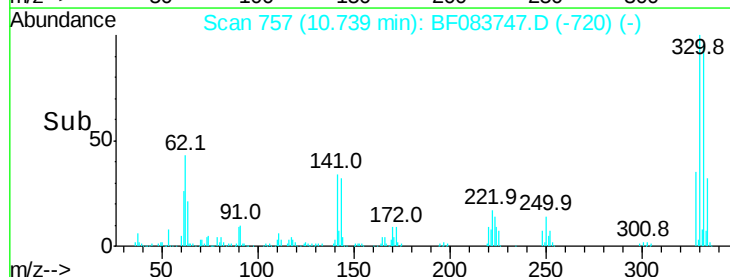
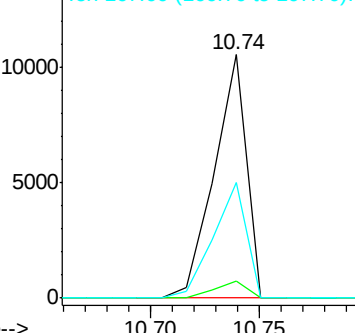
167 47.3 29.3 43.9#

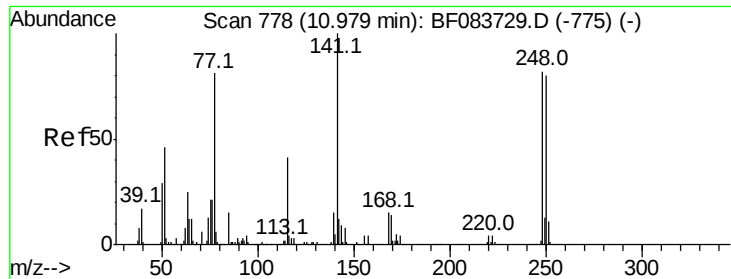


Abundance Ion 169.00 (168.70 to 169.70): E

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: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampled :

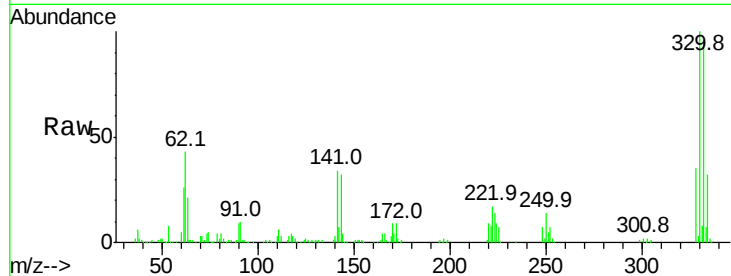
Tot Ion:248 Resp: 23264

Ion Ratio Lower Upper

248 100

250 195.1 79.2 118.8#

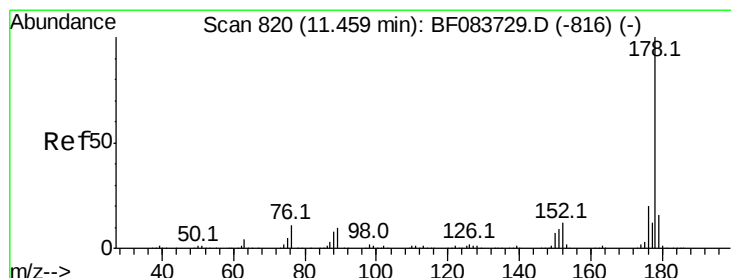
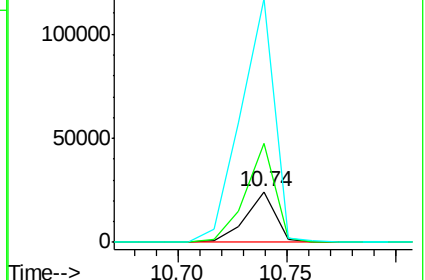
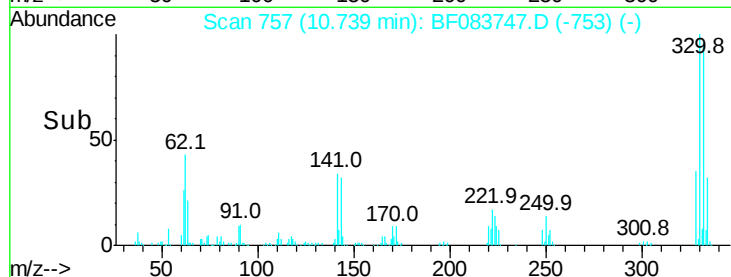
141 478.8 58.2 87.4#



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: 0.06 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

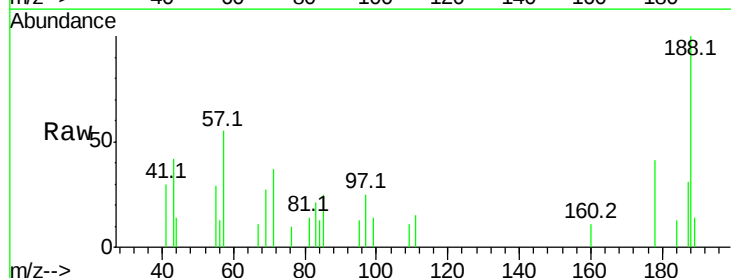
Tgt Ion:178 Resp: 1514

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

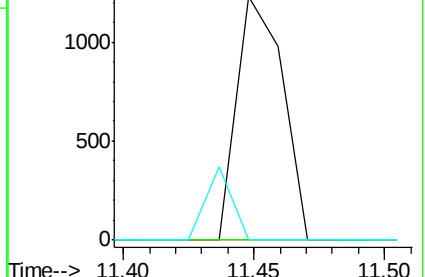
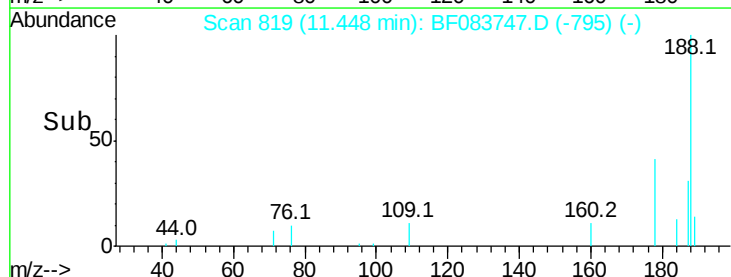
179 0.0 12.2 18.4#

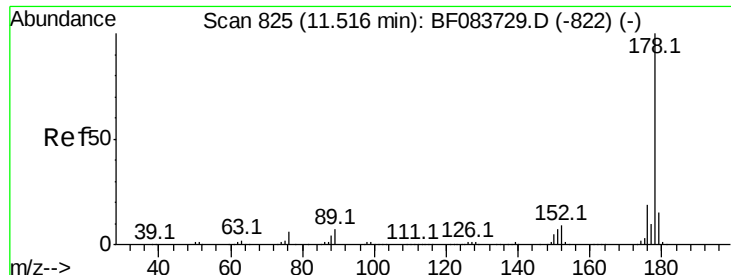


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

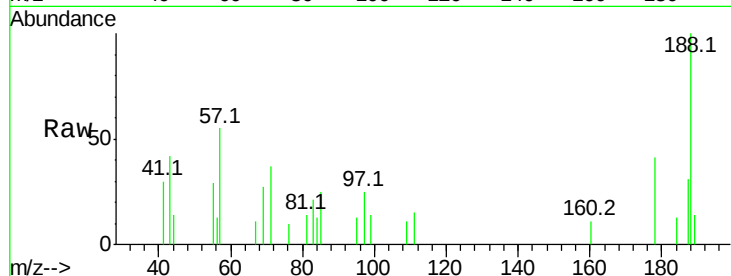




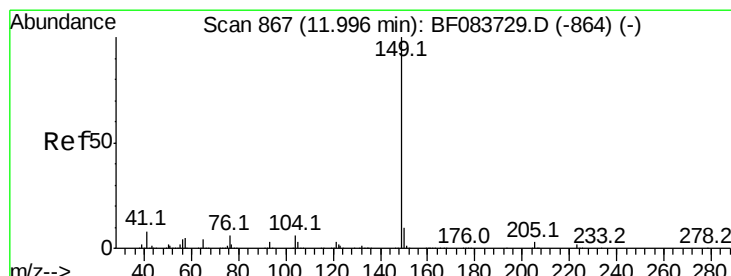
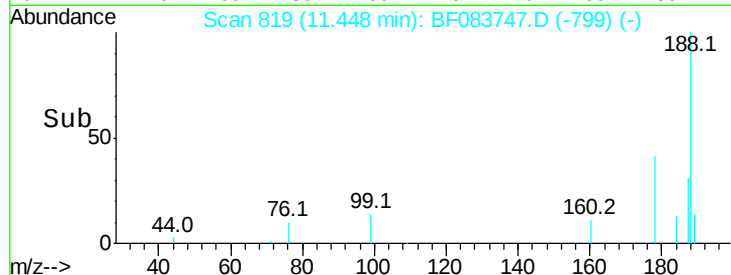
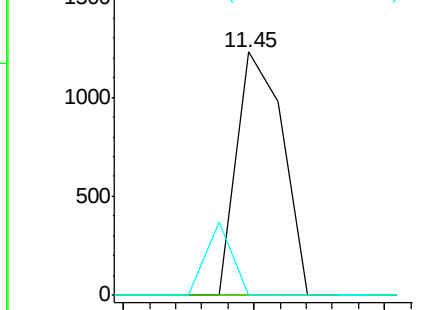
#71
 Anthracene
 Concen: 0.06 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.07 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1514
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.6 18.8#

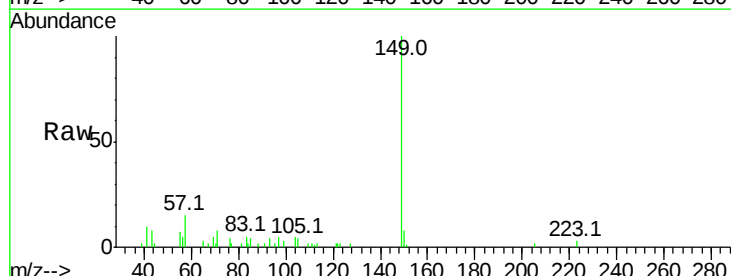


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

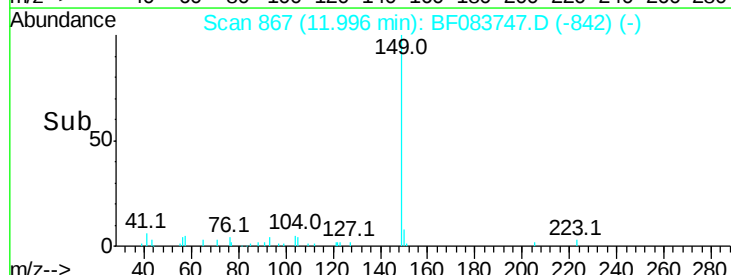
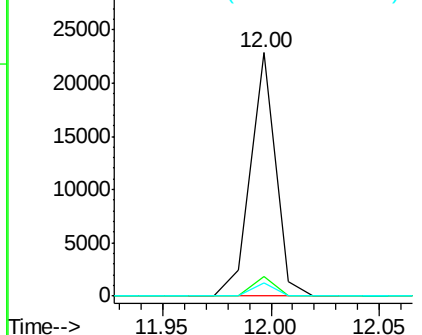


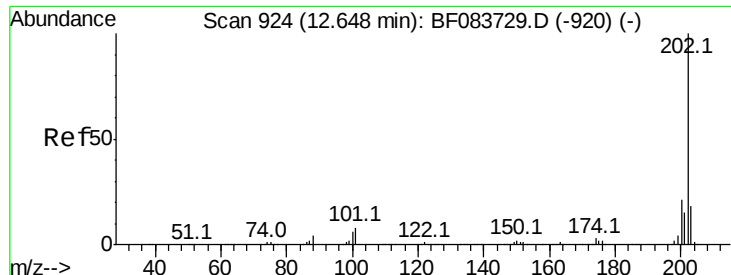
#73
 Di-n-butylphthalate
 Concen: 0.66 ng
 RT: 12.00 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion:149 Resp: 18306
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.8 11.6
 104 5.2 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: 0.04 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

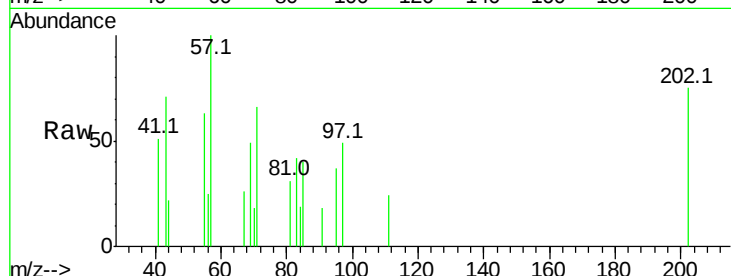
Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :



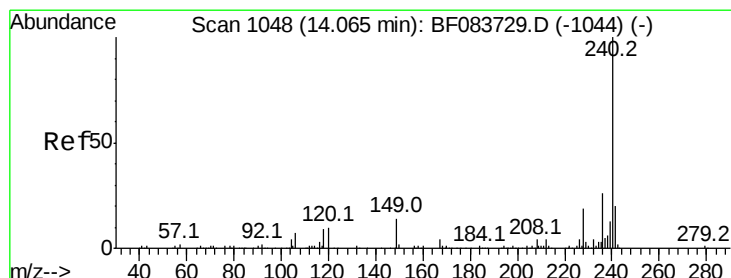
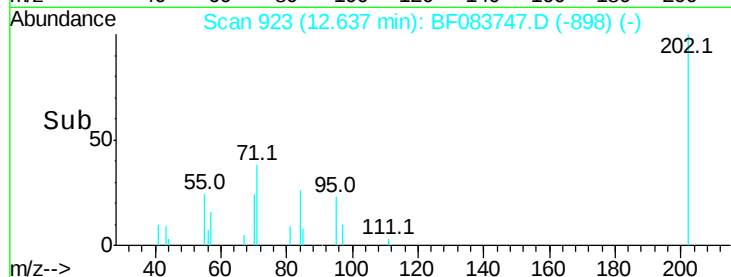
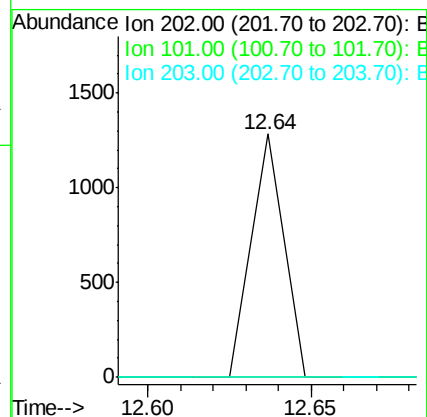
Tot Ion:202 Resp: 881

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

203 0.0 0.0 37.6



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

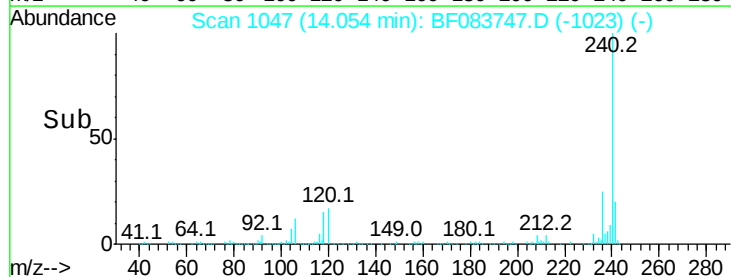
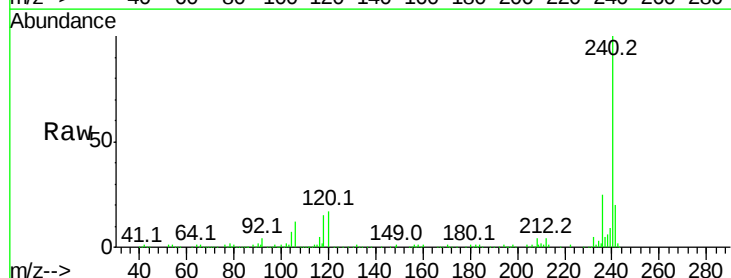
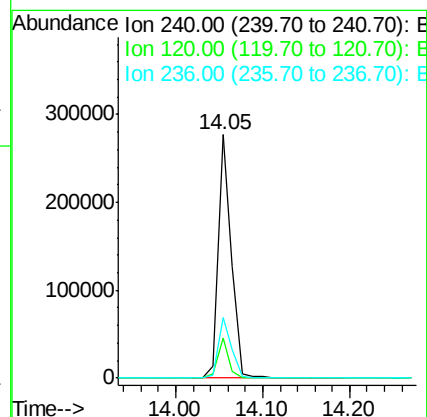
Tgt Ion:240 Resp: 294793

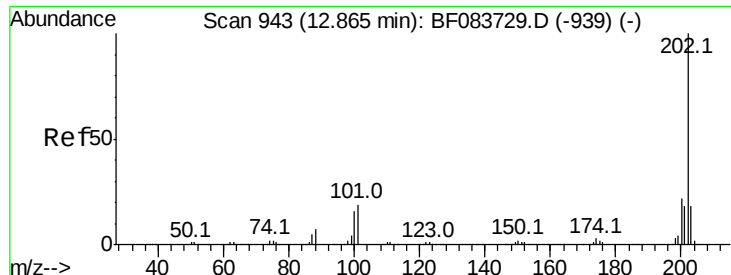
Ion Ratio Lower Upper

240 100

120 16.7 8.1 12.1#

236 25.1 20.8 31.2

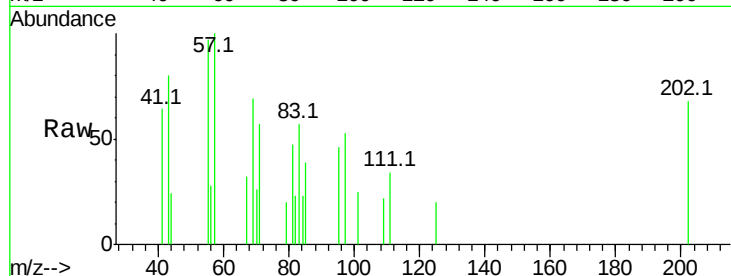




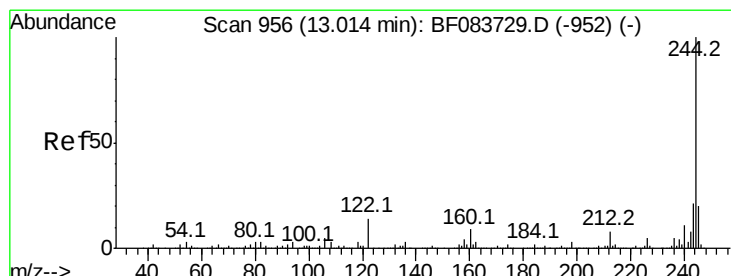
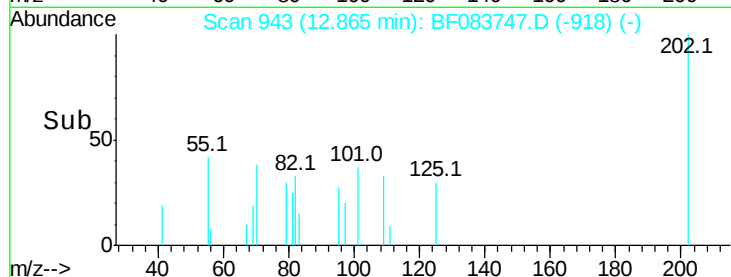
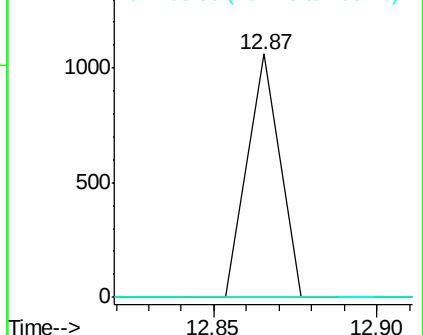
#77
Pvrene
Concen: 0.03 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 728
Ion Ratio Lower Upper
202 100
200 0.0 16.7 25.1#
203 0.0 14.3 21.5#

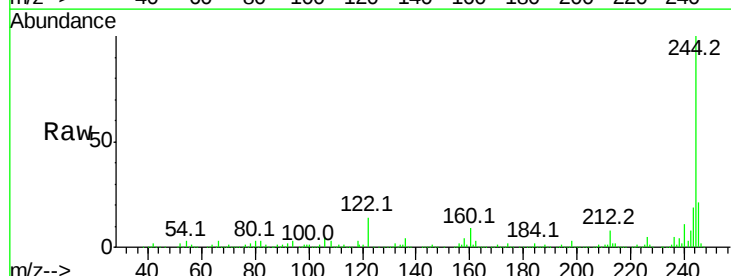


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

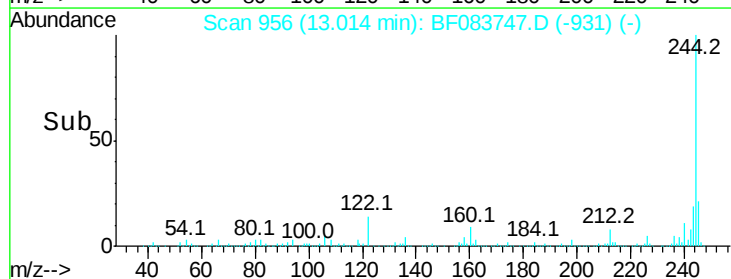
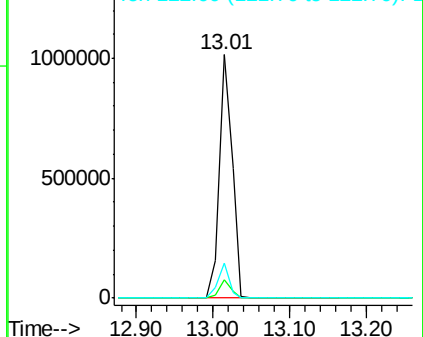


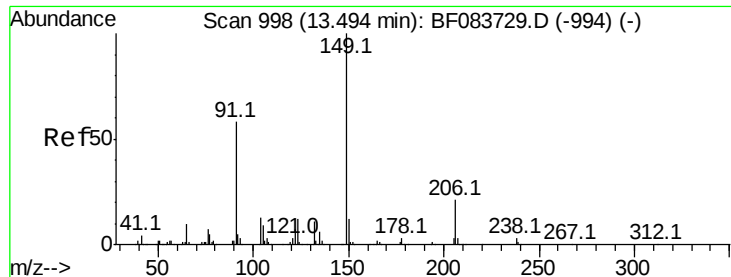
#78
Terphenyl-d14
Concen: 86.34 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:244 Resp: 1183219
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 14.4 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





#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.05 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampled :

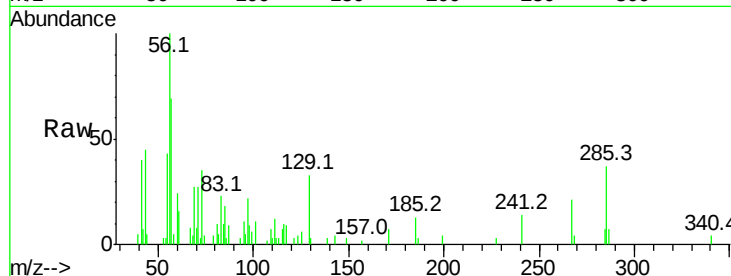
Tot Ion:149 Resp: 289

Ion Ratio Lower Upper

149 100

91 0.0 60.0 90.0#

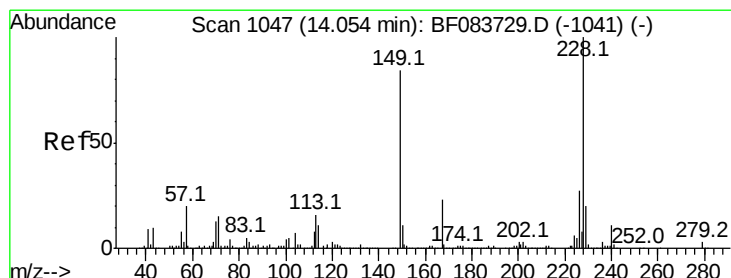
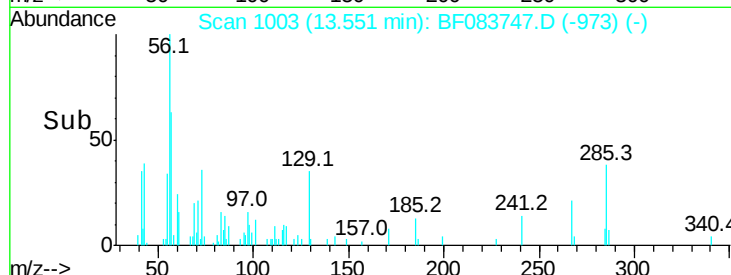
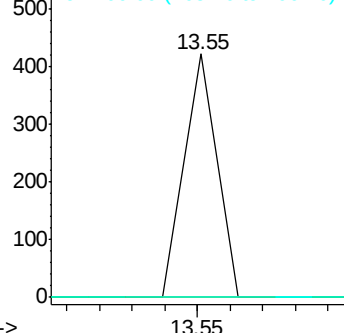
206 0.0 16.2 24.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.11 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

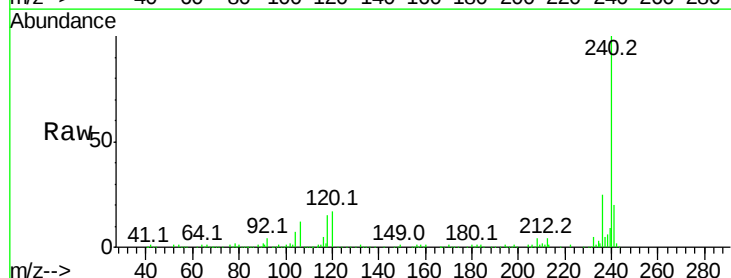
Tgt Ion:228 Resp: 1854

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

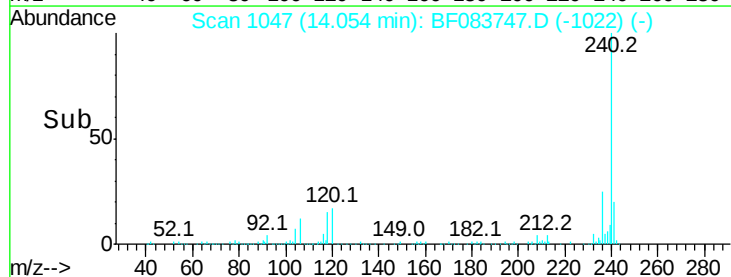
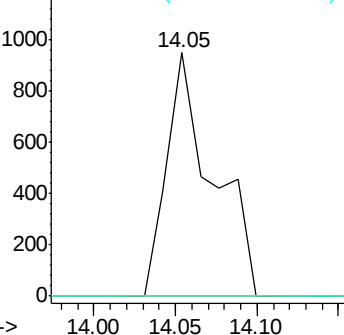
229 0.0 15.7 23.5#

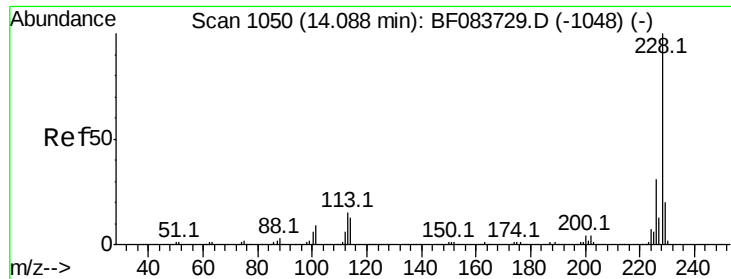


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.11 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

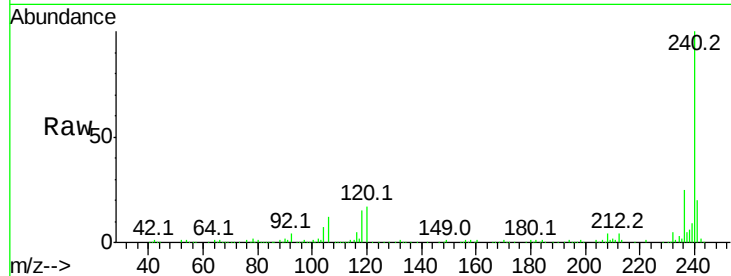
Tot Ion:228 Resp: 1854

Ion Ratio Lower Upper

228 100

226 0.0 24.7 37.1#

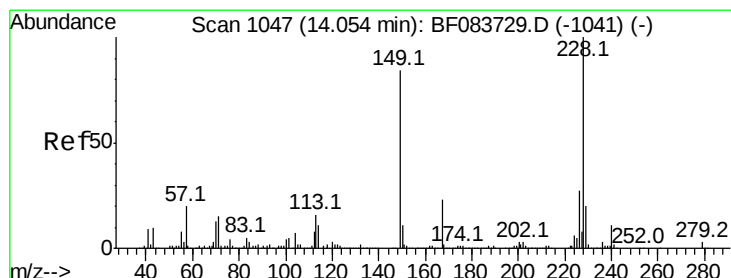
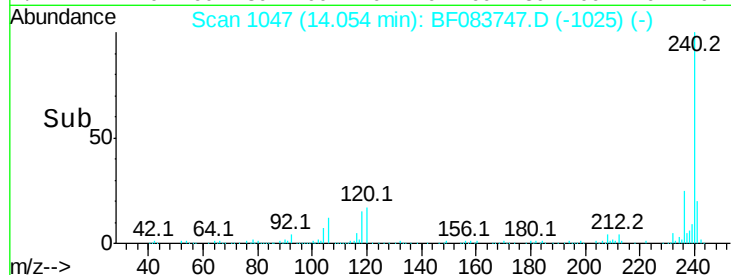
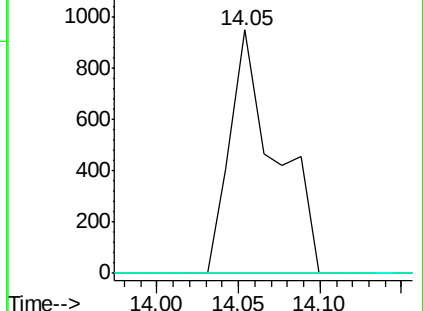
229 0.0 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

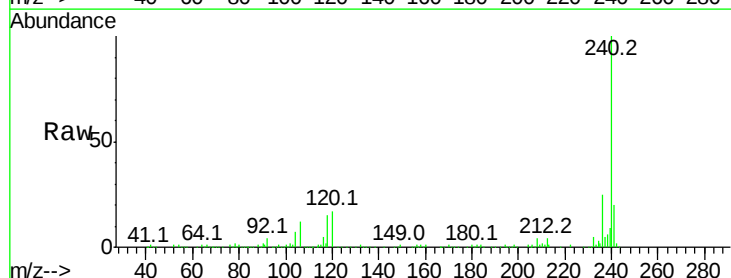
Tgt Ion:149 Resp: 1453

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

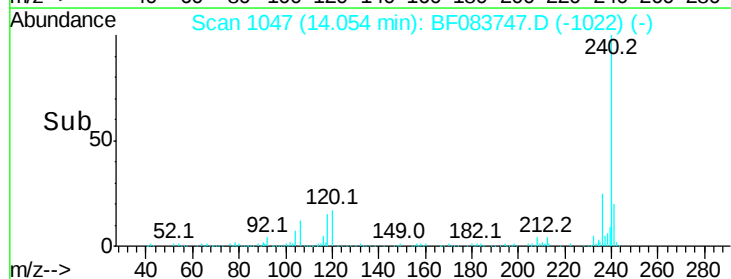
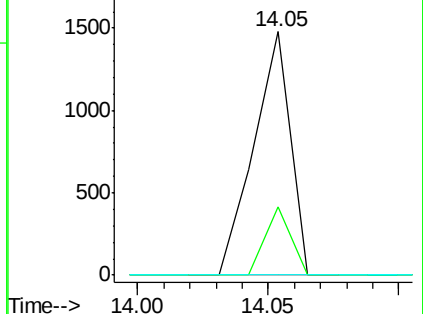
279 0.0 3.0 4.4#

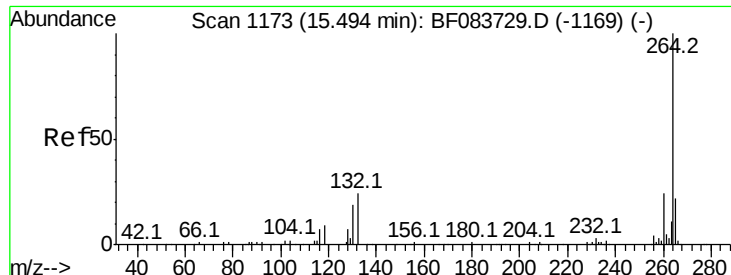


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

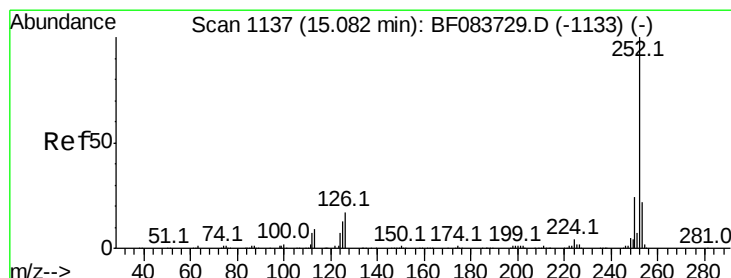
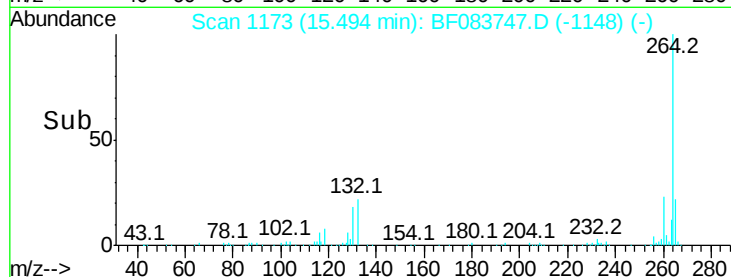
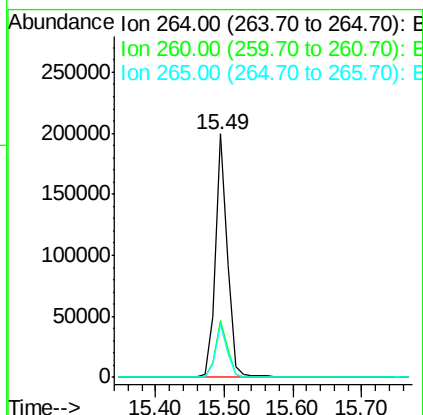
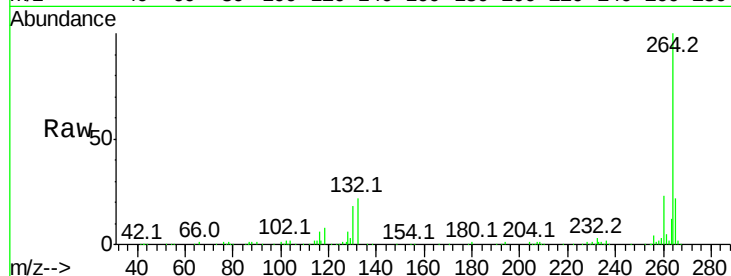




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

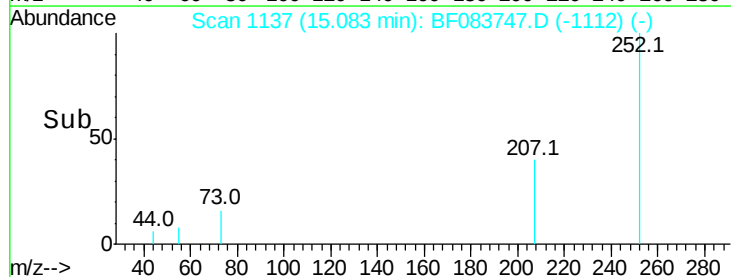
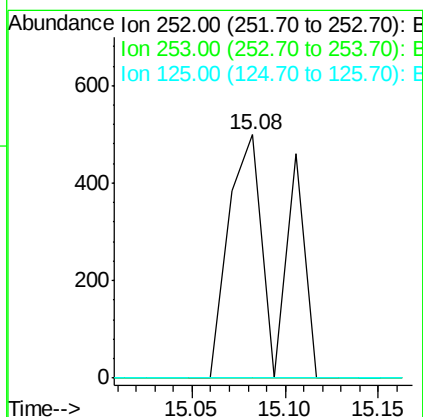
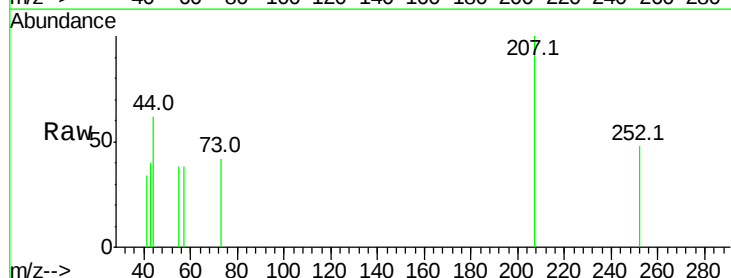
Instrument :
BNA_F
ClientSampleId :

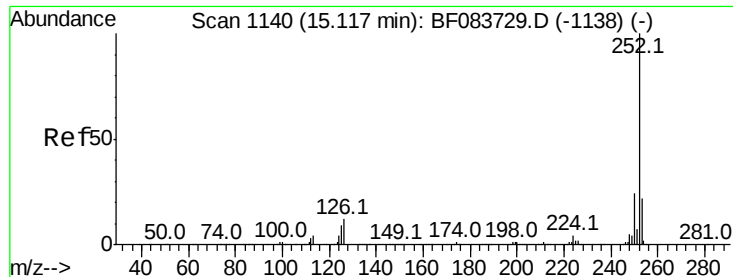
Tot Ion:264 Resp: 248208
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.0
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:252 Resp: 922
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 0.06 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

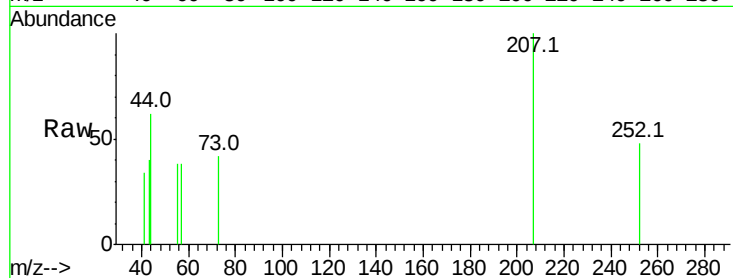
Tot Ion:252 Resp: 922

Ion Ratio Lower Upper

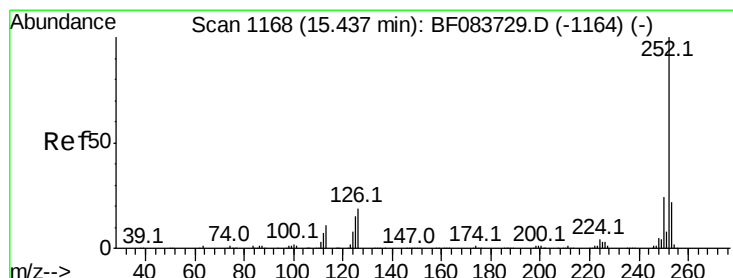
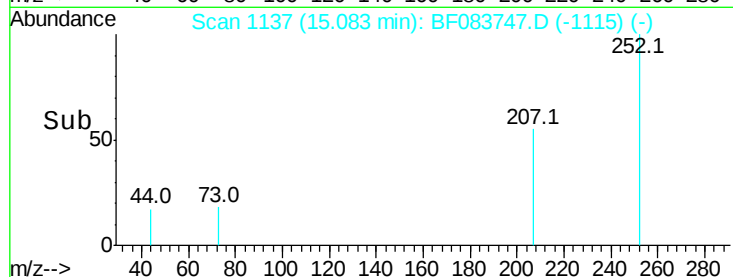
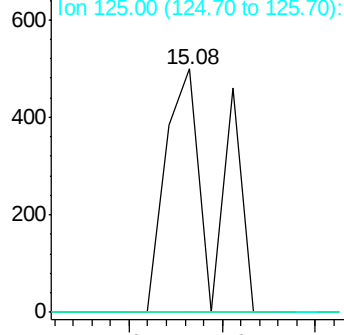
252 100

253 0.0 18.6 27.8#

125 0.0 11.5 17.3#



Abundance Ion 252.00 (251.70 to 252.70): E



#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.05 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

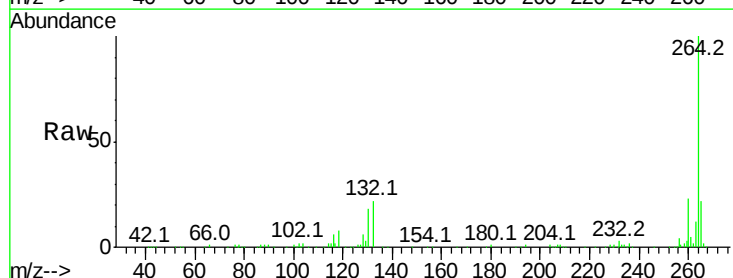
Tgt Ion:252 Resp: 686

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

