

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083730.D
 Acq On : 13 Dec 2015 15:41
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:01:00 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 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133249	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	494275	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	244616	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	439310	20.00	ng	0.00
75) Chrysene-d12	14.07	240	293517	20.00	ng	0.00
86) Perylene-d12	15.49	264	236986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	787175	92.00	ng	0.00
7) Phenol-d6	6.54	99	1004625	93.51	ng	0.00
23) Nitrobenzene-d5	7.48	82	867666	116.01	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	242440	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1625504	97.06	ng	0.01
78) Terphenyl-d14	13.01	244	1304574	99.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	194564	46.03	ng	98
3) Pyridine	3.29	79	494037	45.19	ng	96
4) n-Nitrosodimethylamine	3.24	42	191989	43.67	ng	98
6) Aniline	6.58	93	678570	46.29	ng	98
8) 2-Chlorophenol	6.70	128	458889	47.67	ng	93
9) Benzaldehyde	6.46	77	252794	42.80	ng	98
10) Phenol	6.56	94	539788	42.79	ng	92
11) bis(2-Chloroethyl)ether	6.66	93	462023	51.80	ng	88
12) 1,3-Dichlorobenzene	6.86	146	520967	49.37	ng	98
13) 1,4-Dichlorobenzene	6.93	146	492889	47.06	ng	99
14) 1,2-Dichlorobenzene	7.09	146	455887	46.46	ng	98
15) Benzyl Alcohol	7.06	79	365059	47.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	555786	44.62	ng	100
17) 2-Methylphenol	7.17	107	384468	49.74	ng	97
18) Hexachloroethane	7.44	117	178676	49.77	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	311075	50.42	ng	# 89
20) 3+4-Methylphenols	7.32	107	428275	45.95	ng	98
22) Acetophenone	7.33	105	611449	50.78	ng	# 90
24) Nitrobenzene	7.50	77	522230	63.44	ng	# 89
25) Isophorone	7.74	82	854116	51.40	ng	97
26) 2-Nitrophenol	7.81	139	232337	66.38	ng	98
27) 2,4-Dimethylphenol	7.86	122	458126	55.43	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	460747	49.48	ng	99
29) 2,4-Dichlorophenol	8.06	162	366267	54.26	ng	88
30) 1,2,4-Trichlorobenzene	8.14	180	363173	48.88	ng	99
31) Naphthalene	8.22	128	1203686	49.12	ng	99
32) Benzoic acid	7.97	122	308218	66.10	ng	99
33) 4-Chloroaniline	8.27	127	533614	51.03	ng	98
34) Hexachlorobutadiene	8.35	225	204740	49.31	ng	100
35) Caprolactam	8.65	113	120377	54.61	ng	100
36) 4-Chloro-3-methylphenol	8.75	107	414458	54.06	ng	93
37) 2-Methylnaphthalene	8.92	142	826430	52.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	325149	43.51	ng	98
40) Hexachlorocyclopentadiene	9.08	237	199214	54.54	ng	100

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 Data File : BF083730.D
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 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

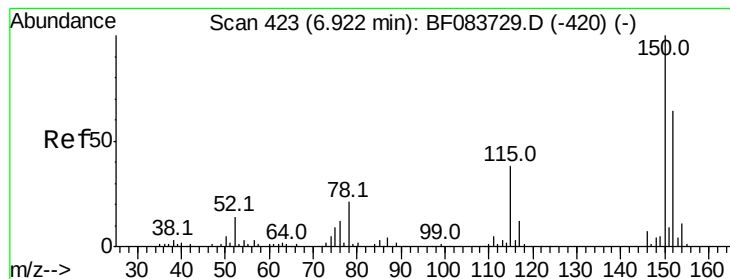
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:01:00 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 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.20	196	255993	49.32	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	264778	51.48	nq	# 95
45) 1,1'-Biphenyl	9.38	154	942401	44.52	nq	99
46) 2-Chloronaphthalene	9.40	162	738130	46.39	nq	99
47) 2-Nitroaniline	9.49	65	245520	58.02	nq	93
48) Acenaphthylene	9.82	152	1310154	49.25	nq	99
49) Dimethylphthalate	9.69	163	957062	51.35	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	200613	54.60	nq	94
51) Acenaphthene	10.00	154	811692	50.97	nq	96
52) 3-Nitroaniline	9.90	138	242938	56.02	nq	90
53) 2,4-Dinitrophenol	10.01	184	94851	94.88	nq	# 86
54) Dibenzofuran	10.17	168	1026749	48.92	nq	90
55) 4-Nitrophenol	10.05	139	166105	46.04	nq	84
56) 2,4-Dinitrotoluene	10.13	165	267793	56.90	nq	97
57) Fluorene	10.50	166	748736	45.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	192173	51.71	nq	96
59) Diethylphthalate	10.38	149	943878	52.70	nq	95
60) 4-Chlorophenyl-phenylether	10.50	204	383240	47.96	nq	96
61) 4-Nitroaniline	10.51	138	199597	51.31	nq	99
62) Azobenzene	10.66	77	915119	53.20	nq	86
64) 4,6-Dinitro-2-methylphenol	10.54	198	127011	78.12	nq	# 67
65) n-Nitrosodiphenylamine	10.61	169	705763	47.37	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	253125	53.36	nq	# 63
67) Hexachlorobenzene	11.06	284	270897	52.54	nq	# 94
68) Atrazine	11.14	200	217159	50.37	nq	97
69) Pentachlorophenol	11.24	266	163850	56.33	nq	99
70) Phenanthrene	11.46	178	1052950	44.44	nq	99
71) Anthracene	11.52	178	1237799	49.33	nq	99
72) Carbazole	11.66	167	1143949	49.13	nq	99
73) Di-n-butylphthalate	12.00	149	1286768	51.35	nq	100
74) Fluoranthene	12.65	202	1211271	47.45	nq	98
76) Benzidine	12.76	184	484838	43.62	nq	99
77) Pyrene	12.88	202	1185542	50.73	nq	99
79) Butylbenzylphthalate	13.49	149	531072	67.33	nq	97
80) Benzo(a)anthracene	14.05	228	837523	48.72	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	326484	58.13	nq	99
82) Chrysene	14.09	228	708653	43.03	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	561689	65.82	nq	100
84) Di-n-octyl phthalate	14.66	149	916653	69.65	nq	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	861830	55.31	nq	99
87) Benzo(b)fluoranthene	15.12	252	1435711	96.03	nq	# 97
88) Benzo(k)fluoranthene	15.12	252	1436688	100.41	nq	99
89) Benzo(a)pyrene	15.44	252	680234	50.48	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	716337	54.09	nq	98
91) Benzo(g,h,i)perylene	17.36	276	729197	52.25	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

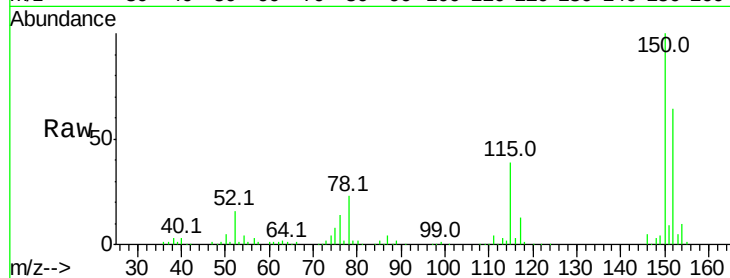
Tot Ion:152 Resp: 133249

Ion Ratio Lower Upper

152 100

150 155.4 124.1 186.1

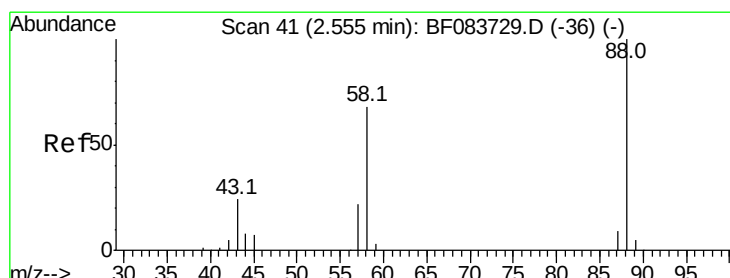
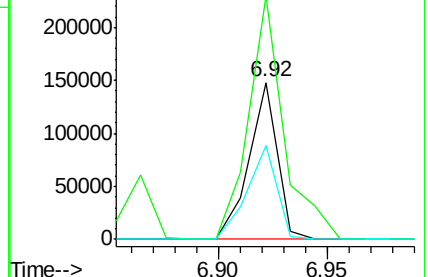
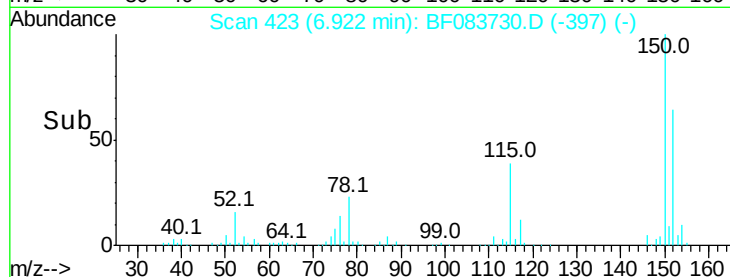
115 60.2 47.2 70.8



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: 46.03 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

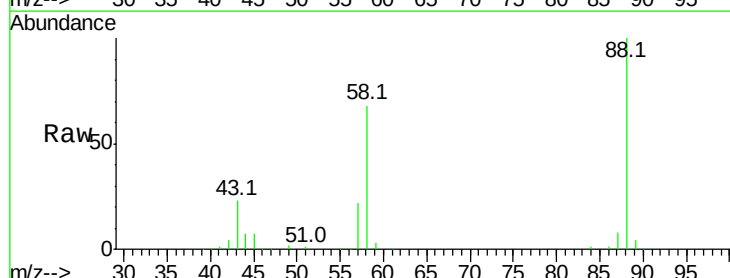
Tgt Ion: 88 Resp: 194564

Ion Ratio Lower Upper

88 100

58 69.2 53.5 80.3

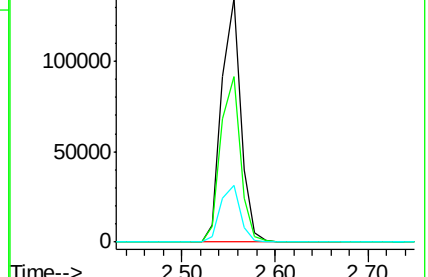
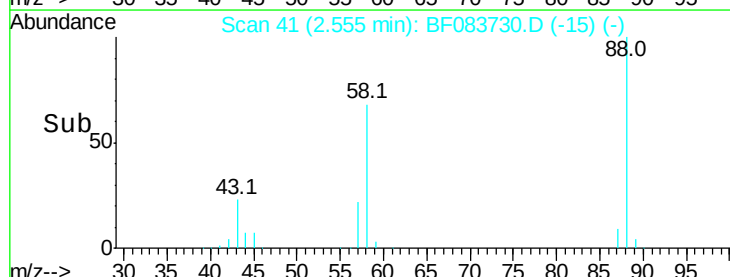
43 23.9 18.7 28.1

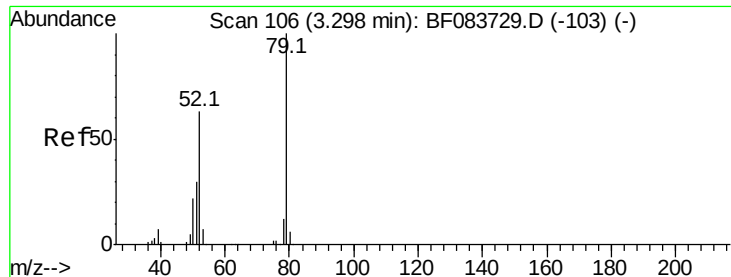


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.19 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

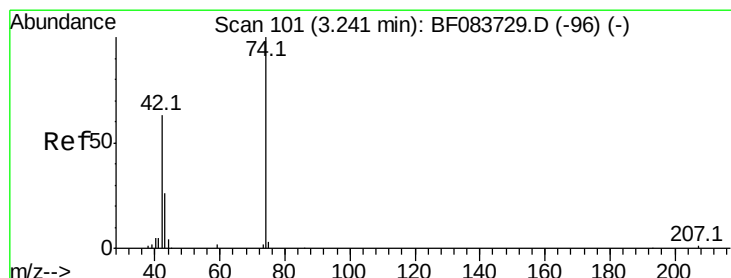
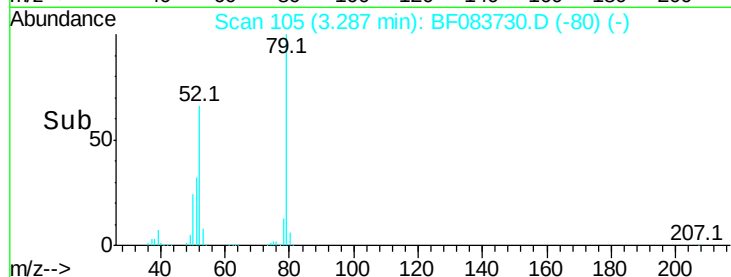
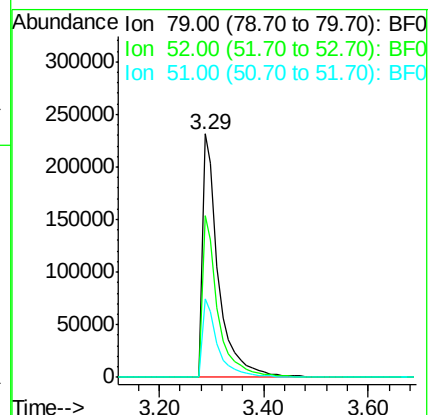
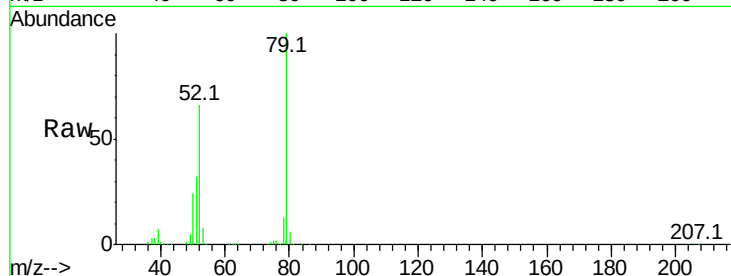
Tot Ion: 79 Resp: 494037

Ion Ratio Lower Upper

79 100

52 66.4 50.2 75.4

51 32.2 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 43.67 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

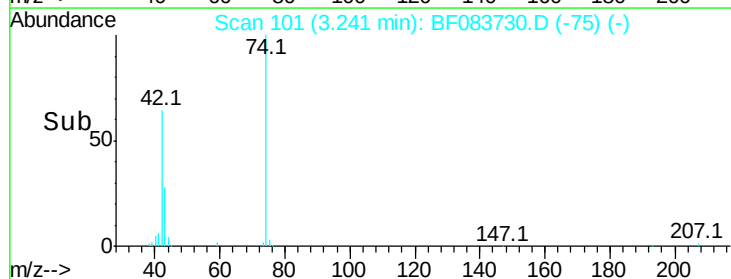
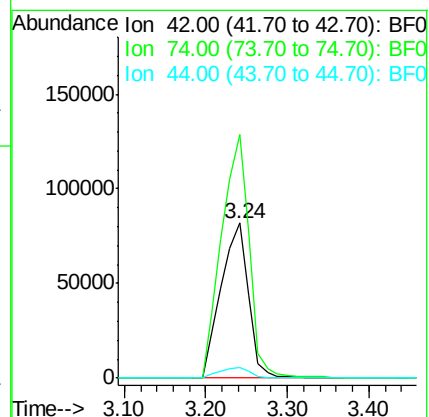
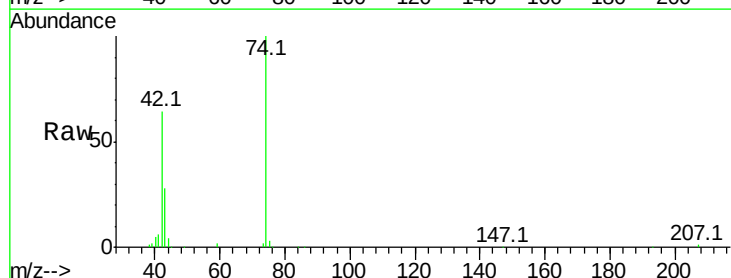
Tgt Ion: 42 Resp: 191989

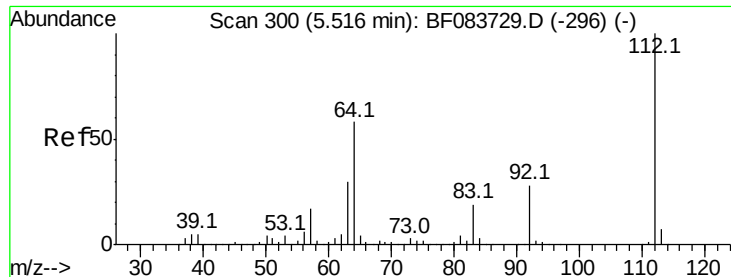
Ion Ratio Lower Upper

42 100

74 157.3 128.0 192.0

44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 92.00 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampled :

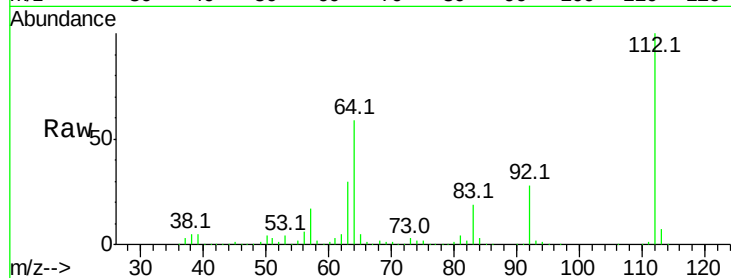
Tot Ion:112 Resp: 787175

Ion Ratio Lower Upper

112 100

64 58.6 46.1 69.1

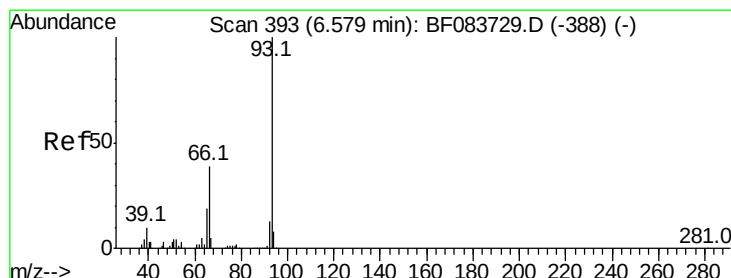
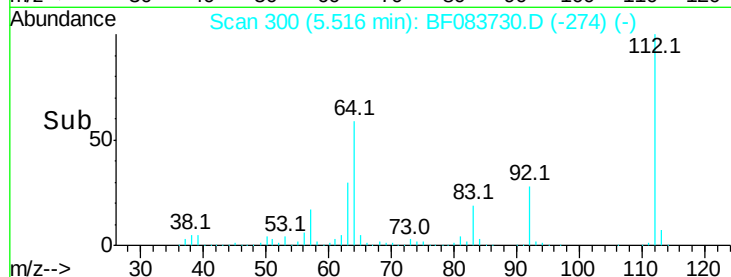
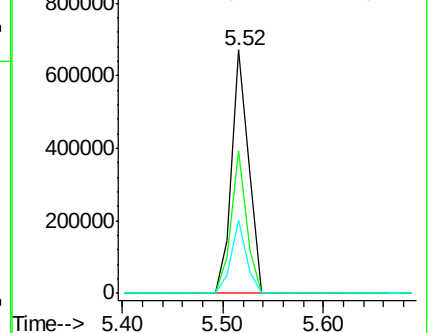
63 30.1 24.1 36.1



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: 46.29 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

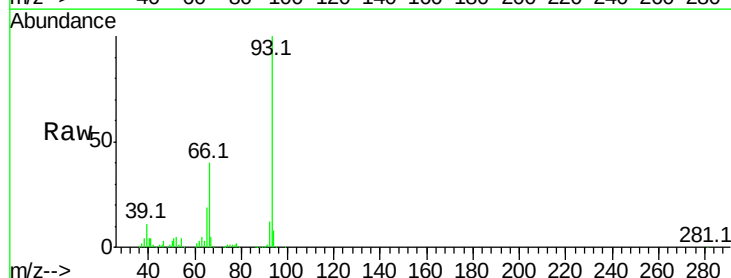
Tgt Ion: 93 Resp: 678570

Ion Ratio Lower Upper

93 100

66 40.1 31.2 46.8

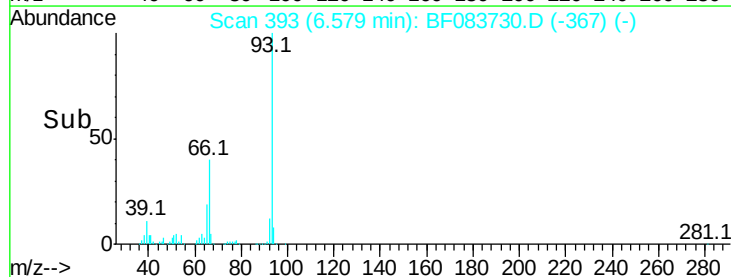
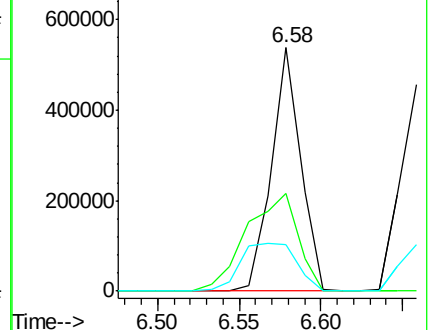
65 19.4 14.9 22.3

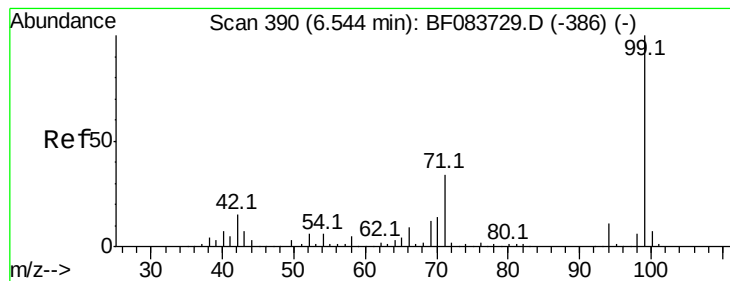


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.51 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

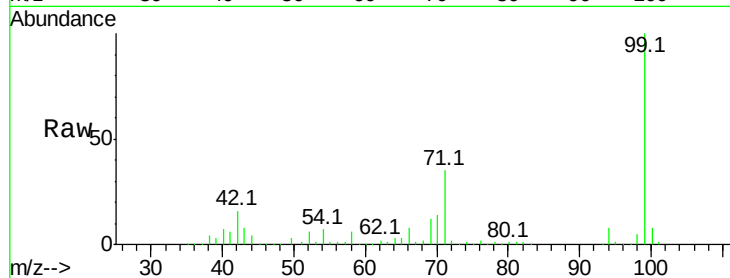
Tot Ion: 99 Resp: 1004625

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	35.0	26.9	40.3

99 100

42 16.2 12.2 18.2

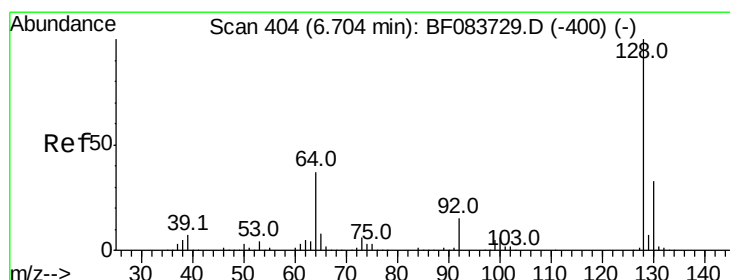
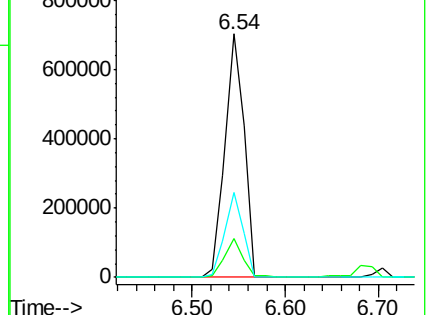
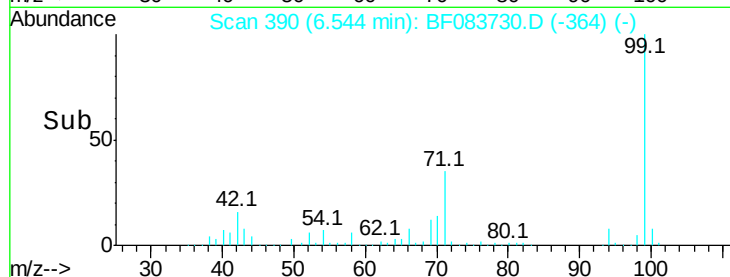
71 35.0 26.9 40.3



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: 47.67 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

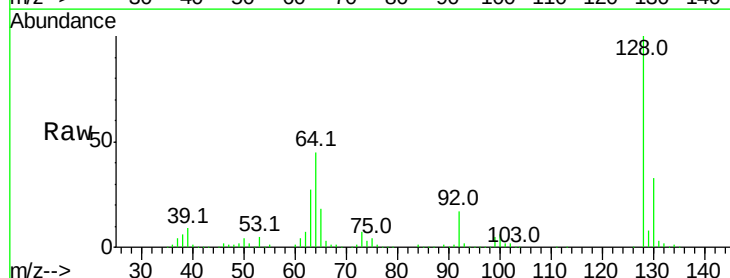
Tgt Ion: 128 Resp: 458889

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.4	53.4
64	44.7	17.1	57.1

128 100

130 33.3 13.4 53.4

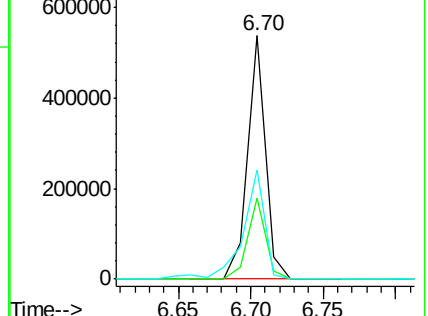
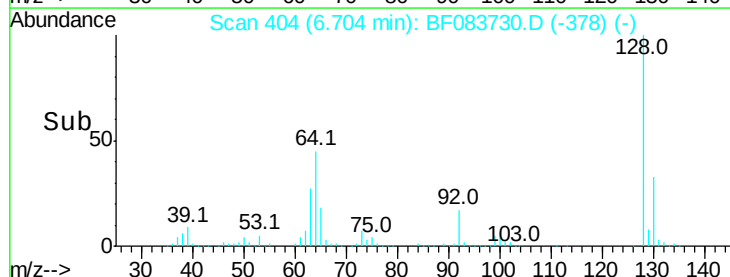
64 44.7 17.1 57.1

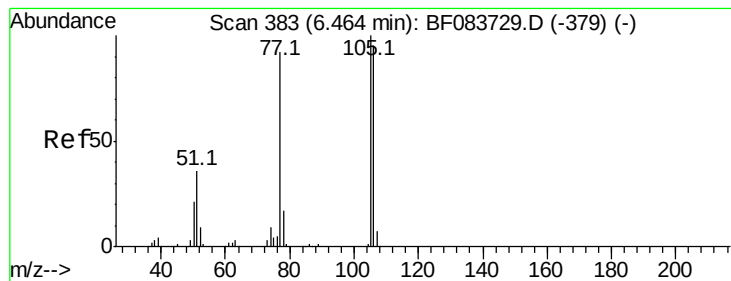


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.80 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

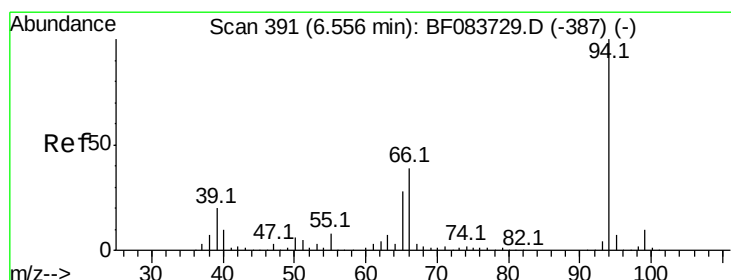
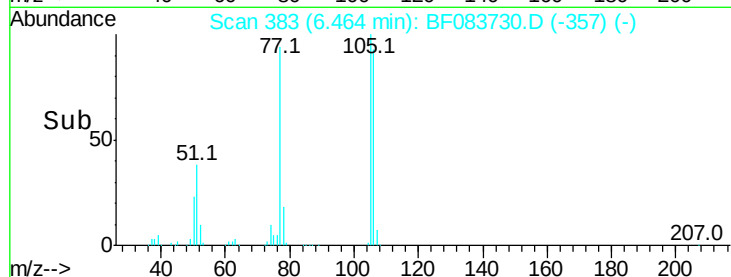
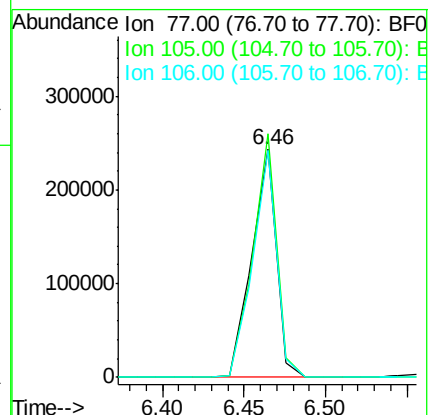
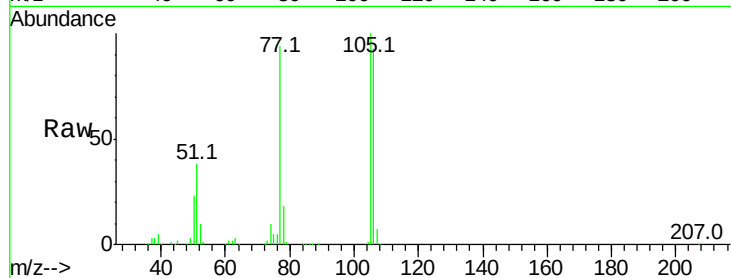
Tot Ion: 77 Resp: 252794

Ion Ratio Lower Upper

77 100

105 106.9 88.5 128.5

106 99.6 82.8 122.8



#10

Phenol

Concen: 42.79 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

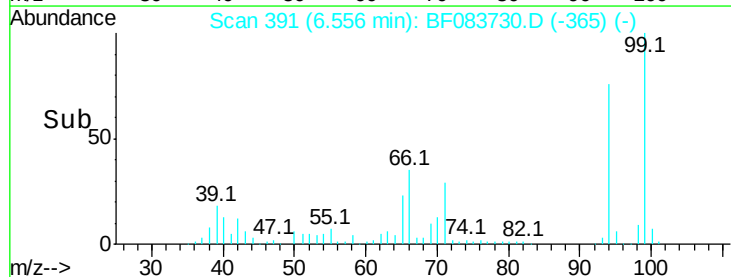
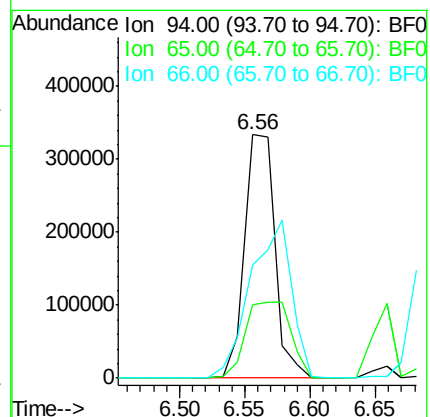
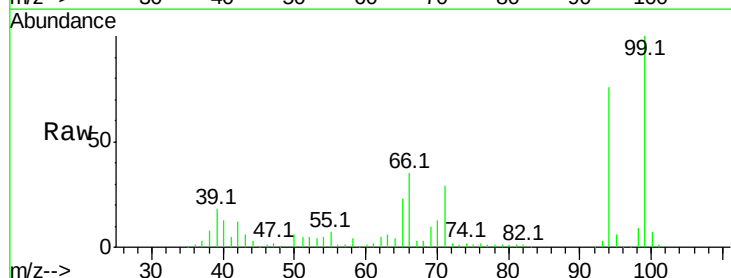
Tgt Ion: 94 Resp: 539788

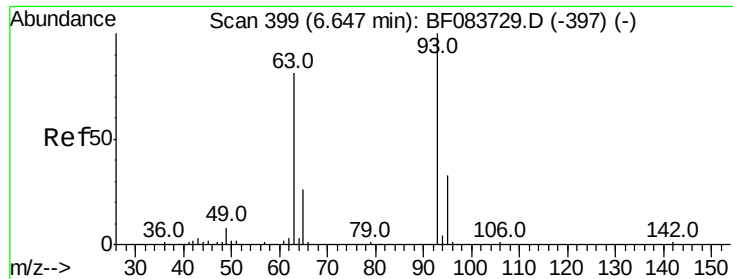
Ion Ratio Lower Upper

94 100

65 30.2 8.0 48.0

66 46.2 19.1 59.1

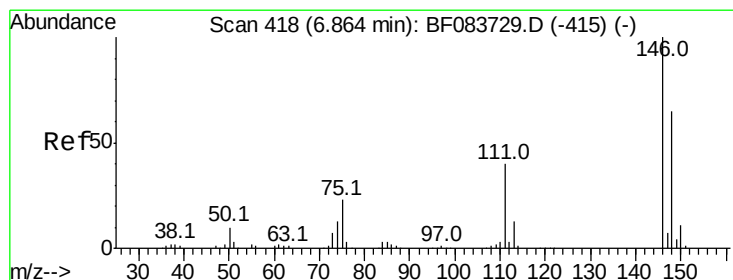
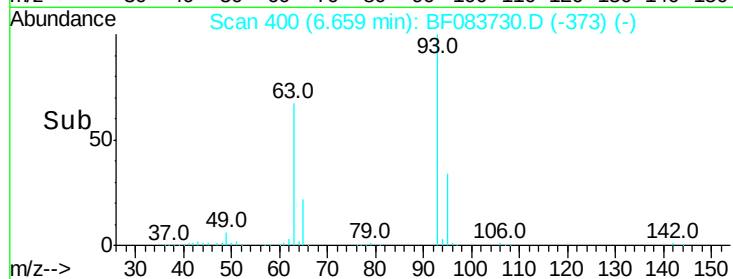
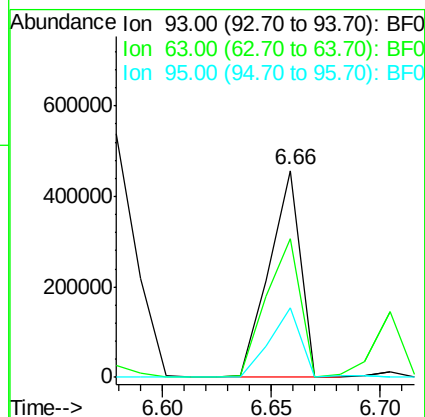
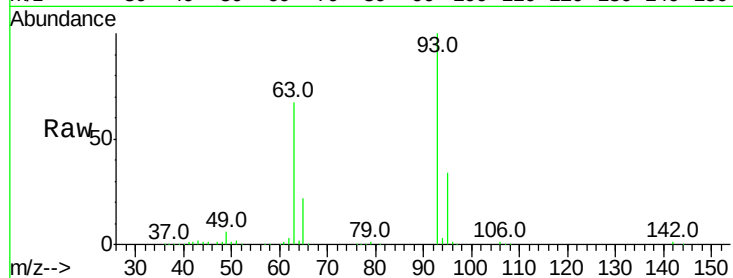




#11
bis(2-Chloroethyl)ether
Concen: 51.80 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

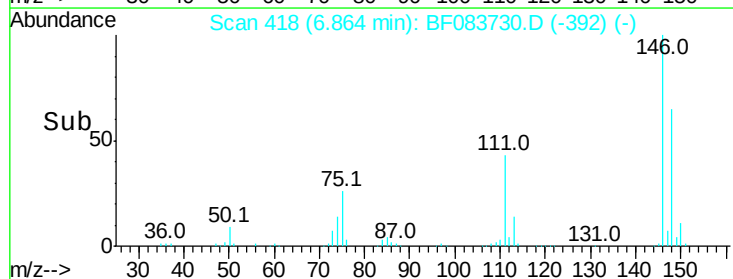
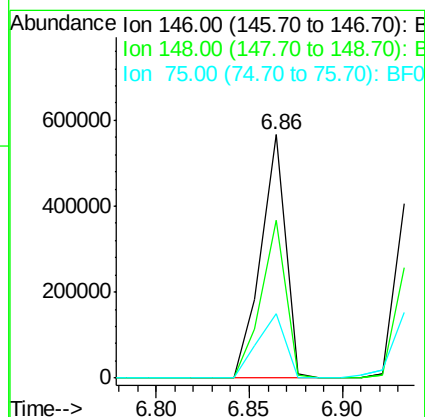
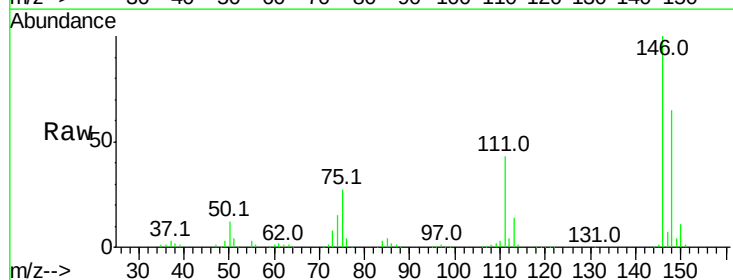
Instrument :
BNA_F
ClientSampleId :

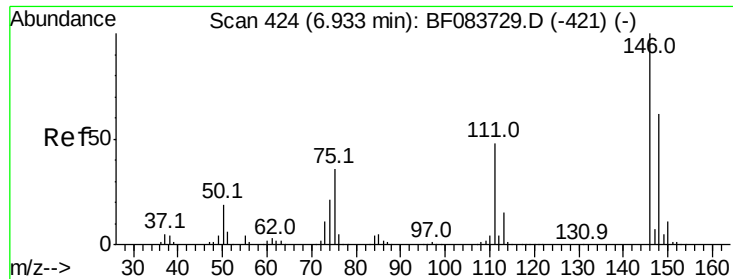
Tot Ion: 93 Resp: 462023
Ion Ratio Lower Upper
93 100
63 66.9 60.7 100.7
95 33.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 49.37 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion: 146 Resp: 520967
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 26.6 18.8 28.2





#13

1,4-Dichlorobenzene

Concen: 47.06 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampled :

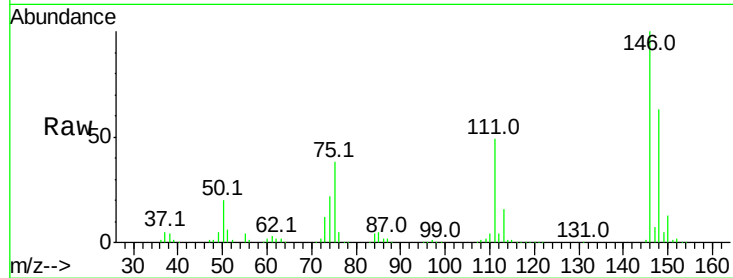
Tot Ion:146 Resp: 492889

Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

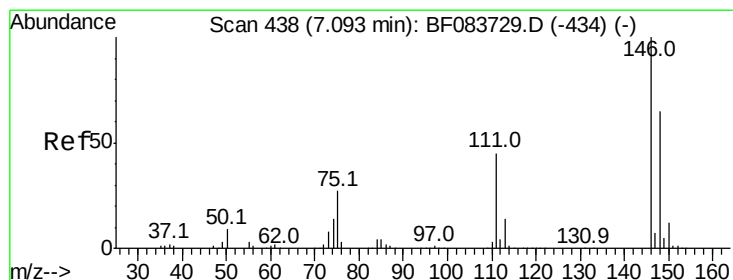
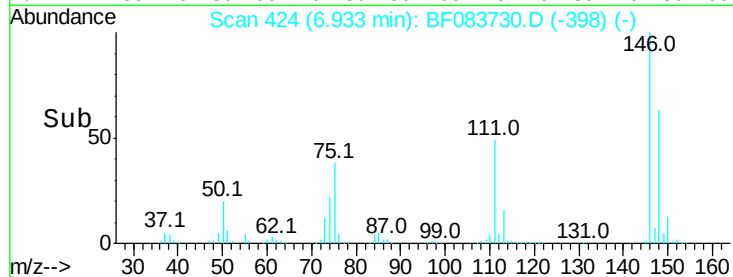
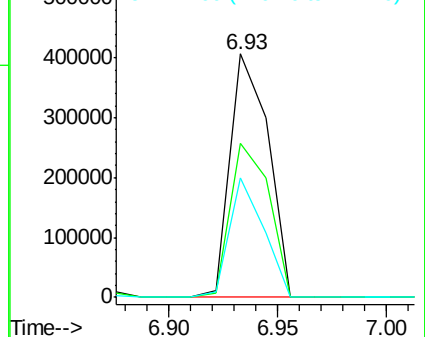
111 49.3 38.1 57.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.46 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

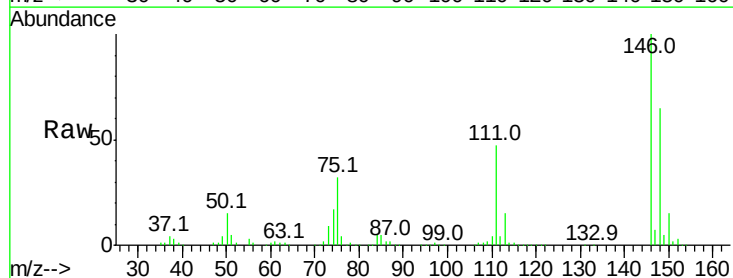
Tgt Ion:146 Resp: 455887

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

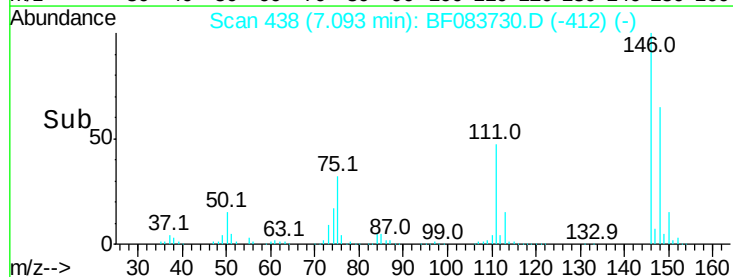
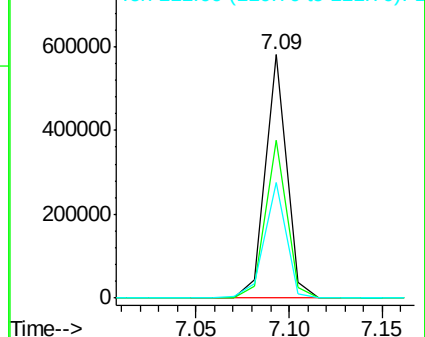
111 47.3 35.8 53.6

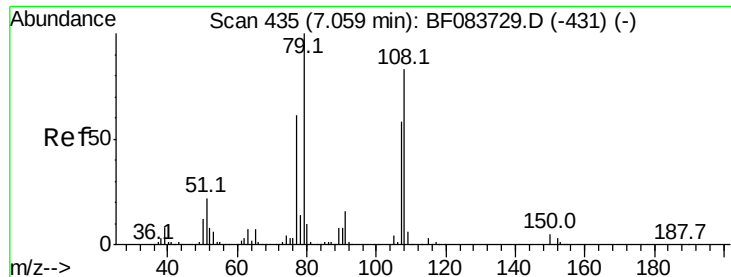


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.24 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

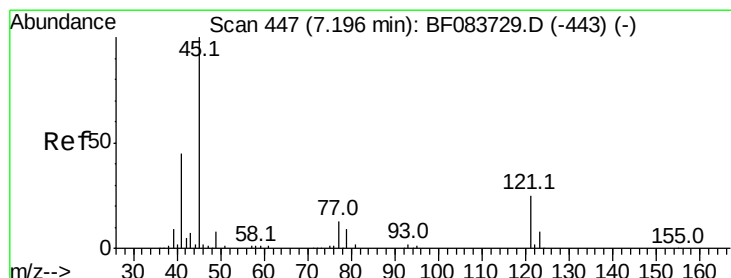
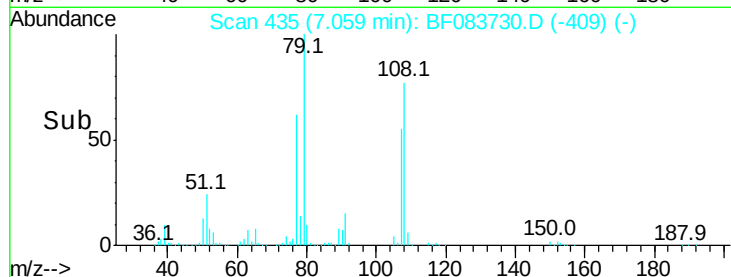
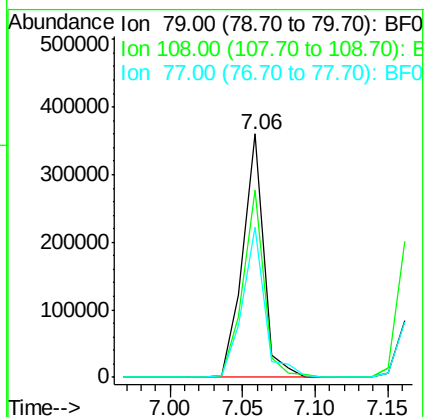
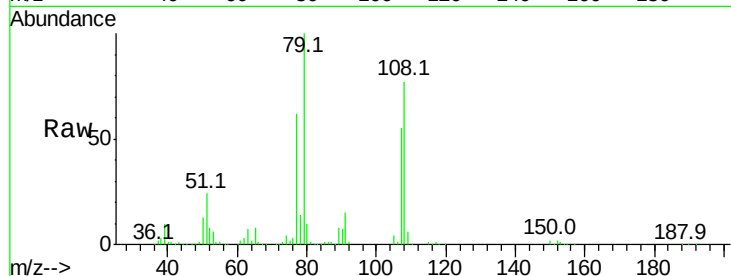
Tot Ion: 79 Resp: 365059

Ion Ratio Lower Upper

79 100

108 77.2 66.3 99.5

77 61.6 48.5 72.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.62 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

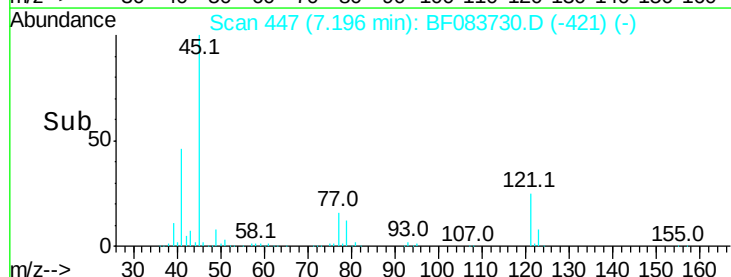
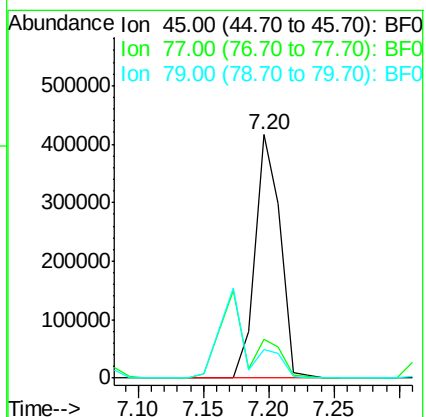
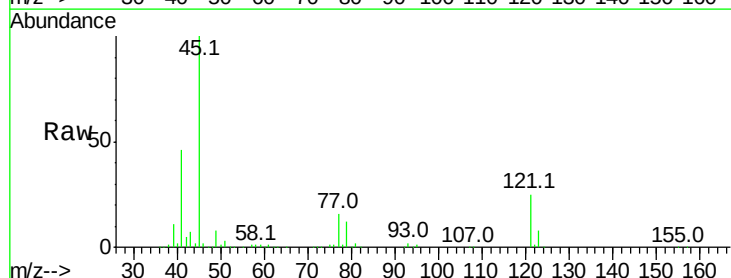
Tgt Ion: 45 Resp: 555786

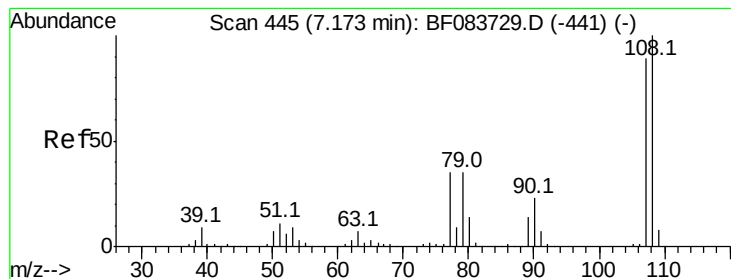
Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.3

79 12.0 0.0 32.0





#17

2-Methylphenol

Concen: 49.74 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 384468

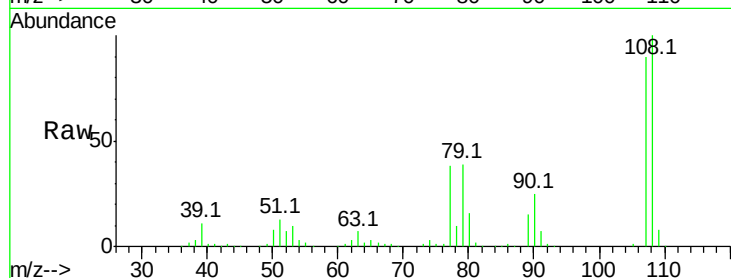
Ion Ratio Lower Upper

107 100

108 111.2 89.5 134.3

77 42.7 31.0 46.4

79 43.8 31.4 47.2

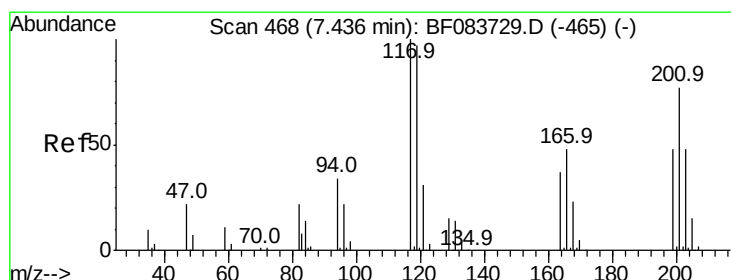
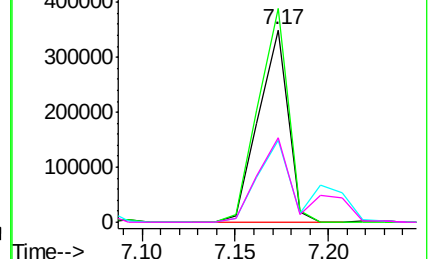
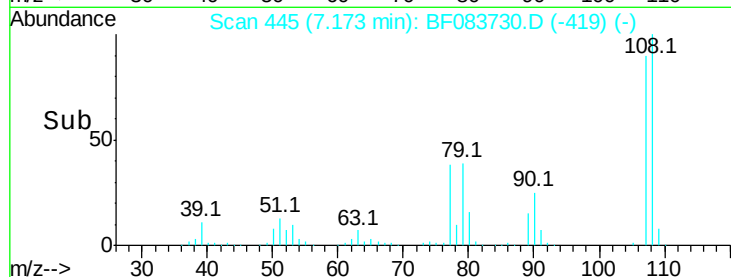


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.77 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

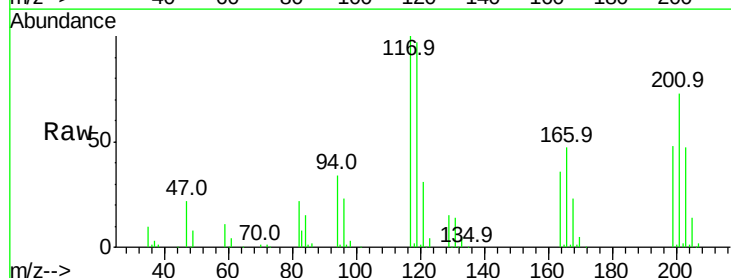
Tgt Ion:117 Resp: 178676

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

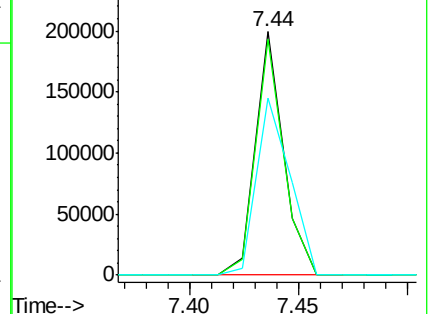
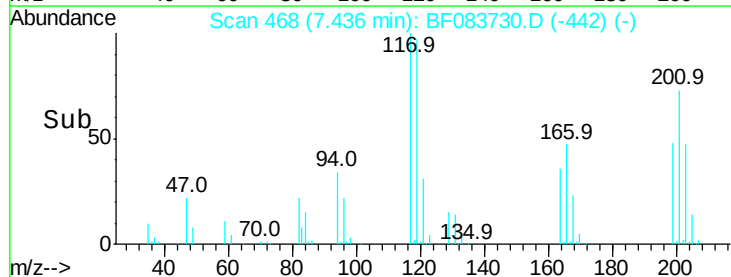
201 72.5 61.3 91.9

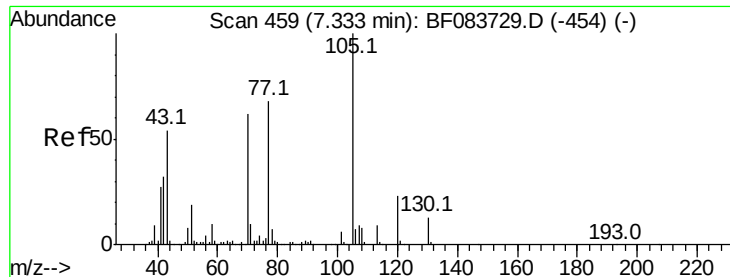


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

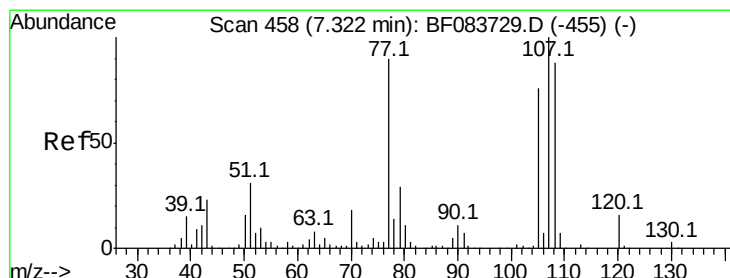
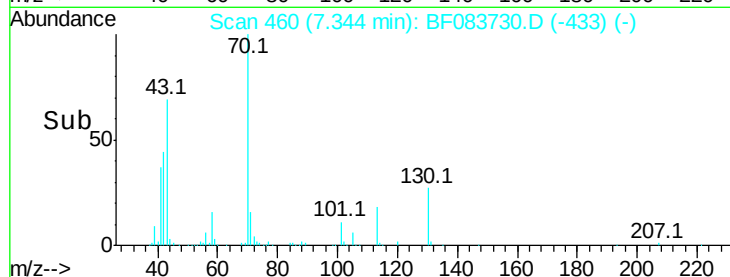
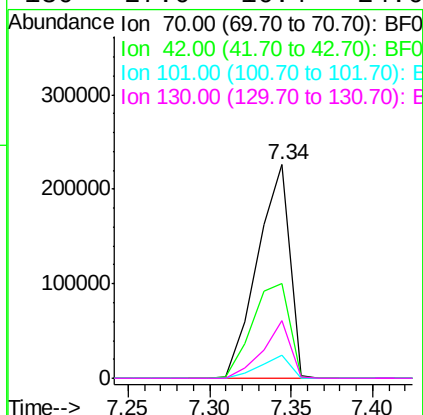
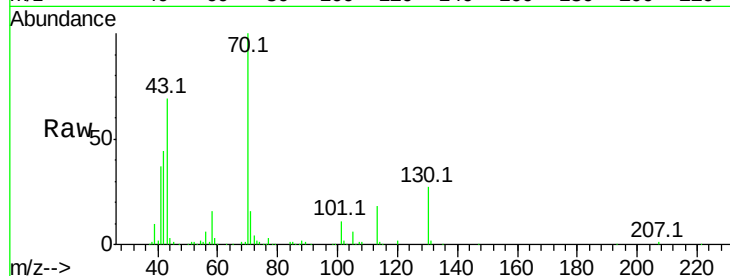




#19
n-Nitroso-di-n-propylamine
Concen: 50.42 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

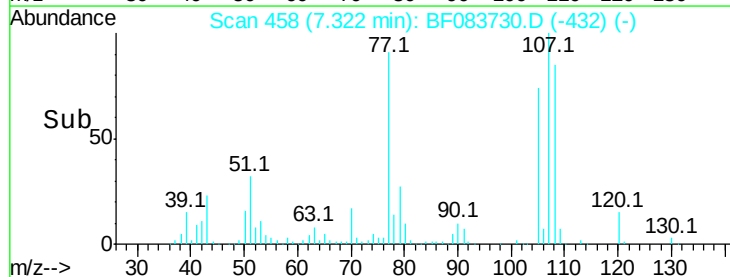
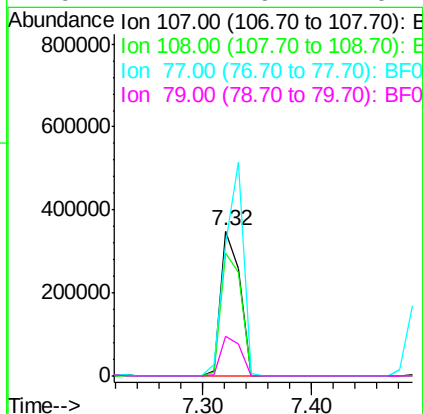
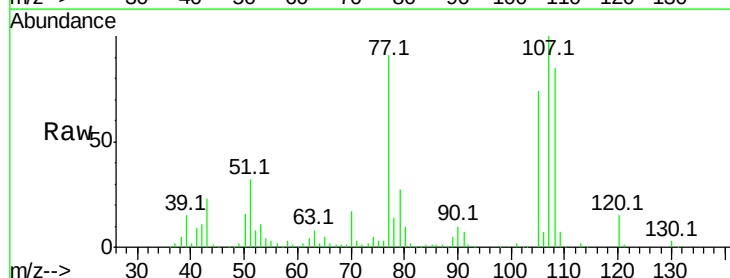
Instrument :
BNA_F
ClientSampleId :

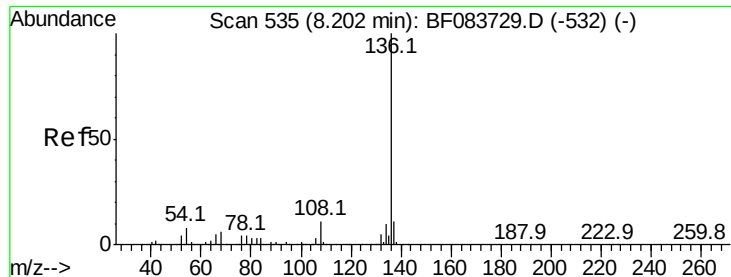
Tot Ion: 70 Resp: 311075
Ion Ratio Lower Upper
70 100
42 44.1 41.4 62.2
101 10.8 7.7 11.5
130 27.0 16.4 24.6#



#20
3+4-Methylphenols
Concen: 45.95 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:107 Resp: 428275
Ion Ratio Lower Upper
107 100
108 85.1 68.3 108.3
77 91.0 69.9 109.9
79 27.2 9.1 49.1

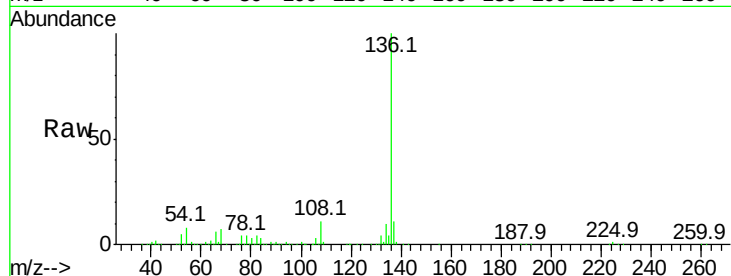




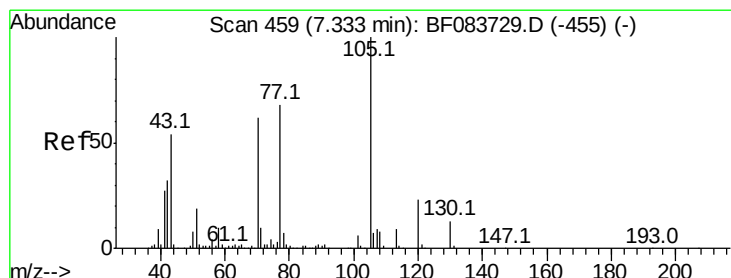
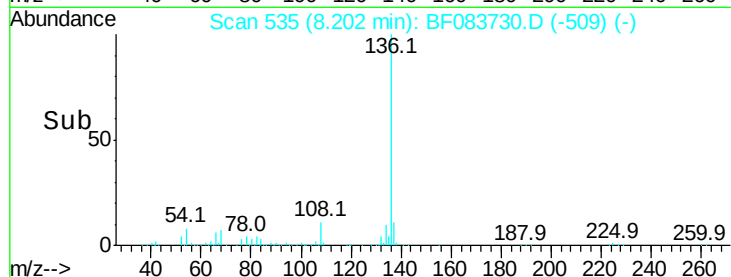
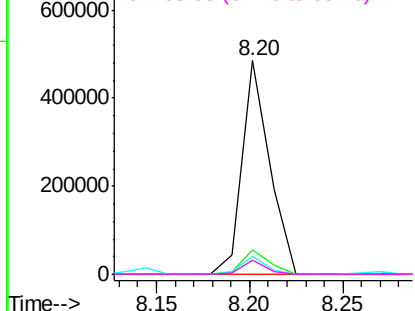
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 494275
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 8.5	6.5 9.7
68 6.7	4.9 7.3

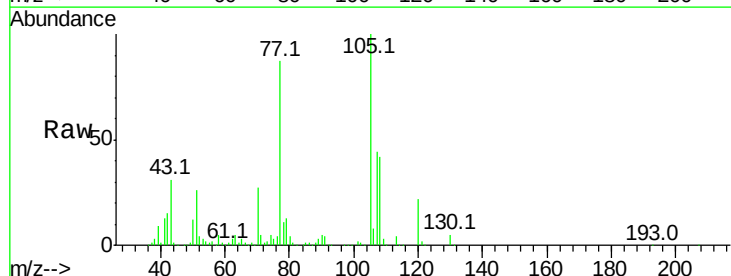


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

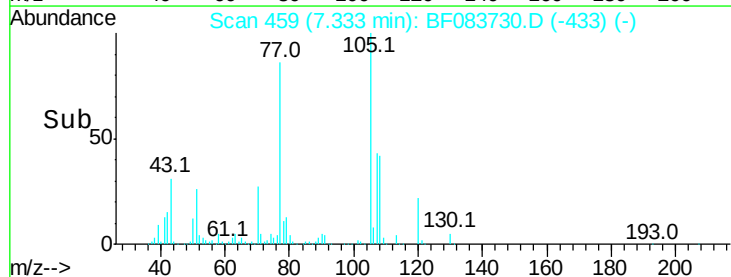
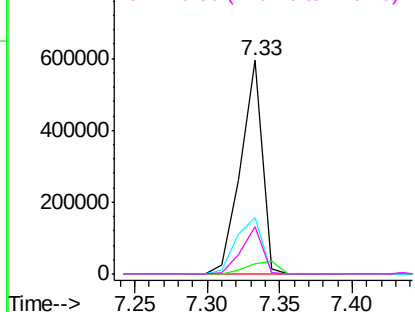


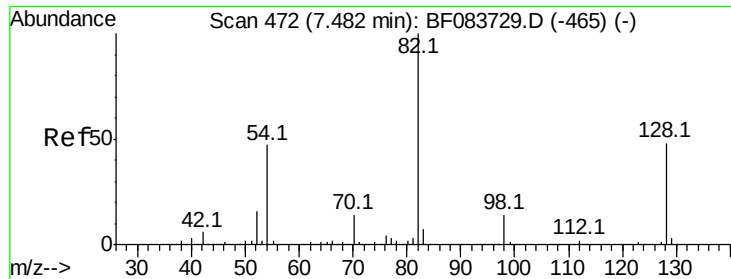
#22
Acetophenone
Concen: 50.78 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt	Ion:105	Resp:	611449
Ion	Ratio	Lower	Upper
105	100		
71	4.6	8.2	12.4#
51	26.4	15.0	22.6#
120	22.2	18.3	27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

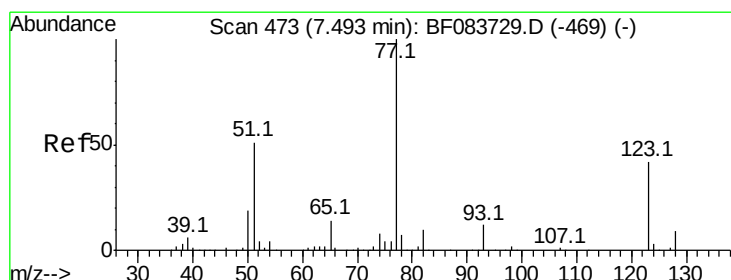
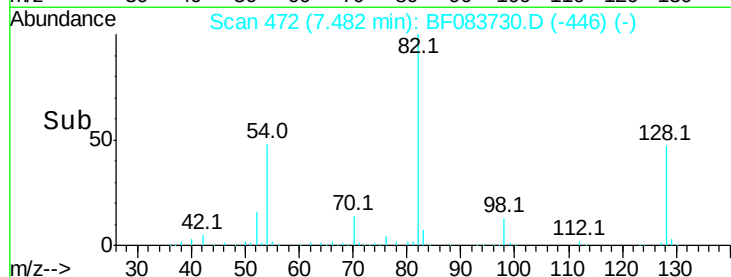
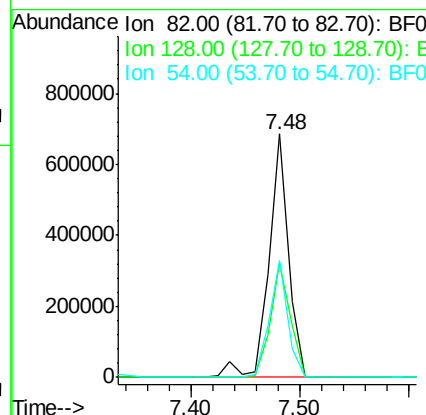
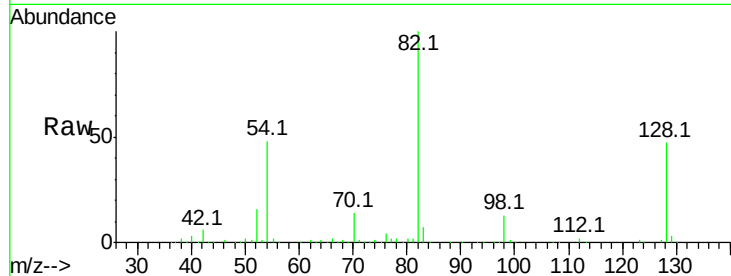




#23
 Nitrobenzene-d5
 Concen: 116.01 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

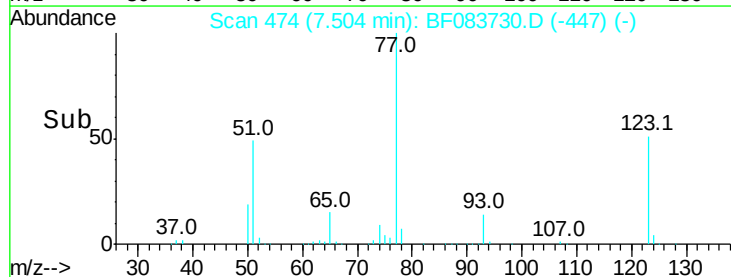
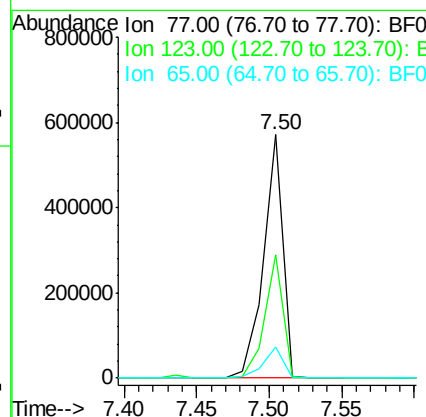
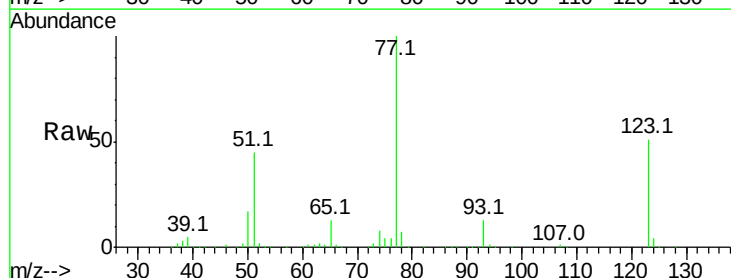
Instrument :
 BNA_F
 ClientSampled :

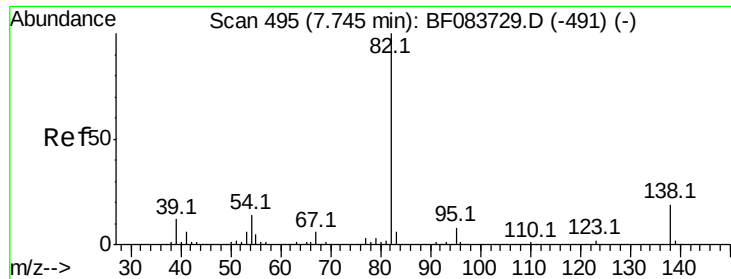
Tot Ion: 82 Resp: 867666
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.2 57.4
 54 47.8 37.6 56.4



#24
 Nitrobenzene
 Concen: 63.44 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion: 77 Resp: 522230
 Ion Ratio Lower Upper
 77 100
 123 50.8 33.7 50.5#
 65 13.0 10.8 16.2





#25

Isophorone

Concen: 51.40 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampled :

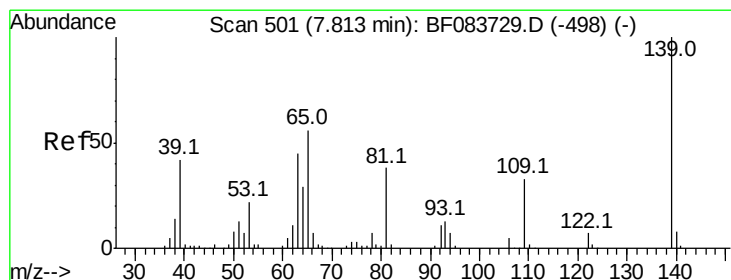
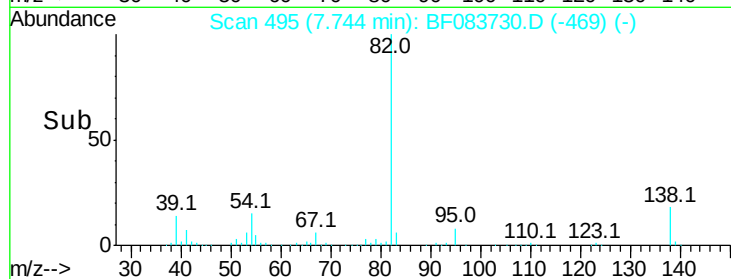
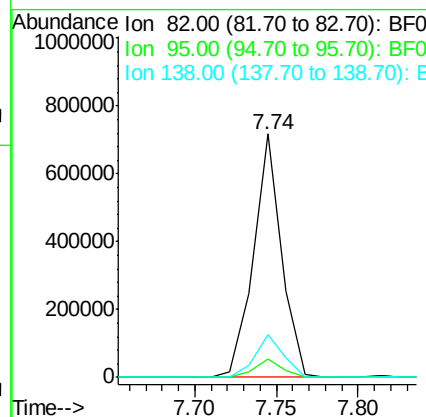
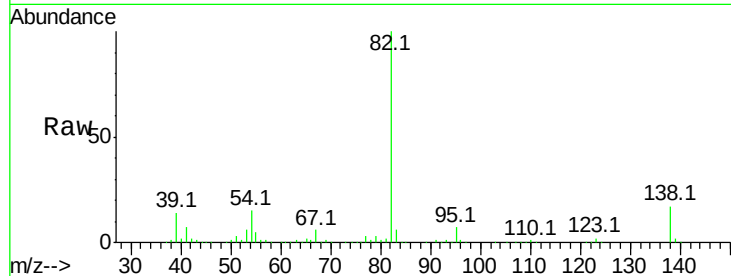
Tot Ion: 82 Resp: 854116

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 17.5 15.5 23.3



#26

2-Nitrophenol

Concen: 66.38 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

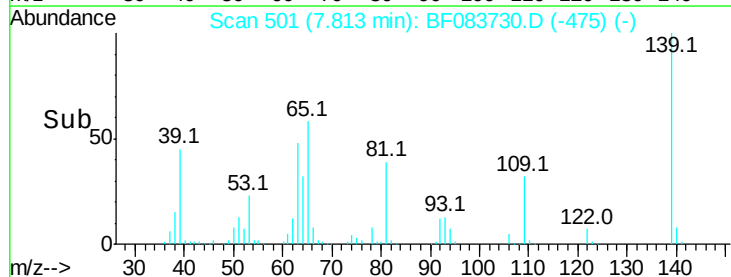
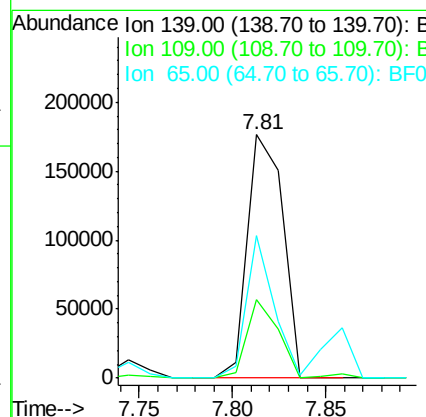
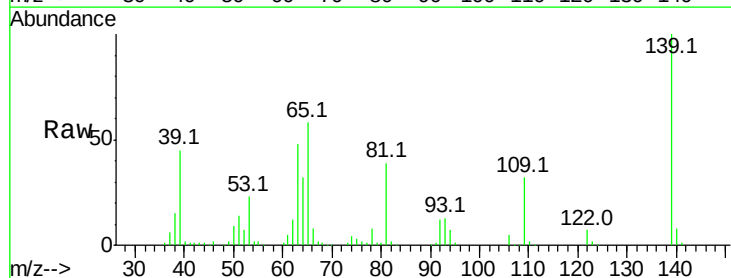
Tgt Ion: 139 Resp: 232337

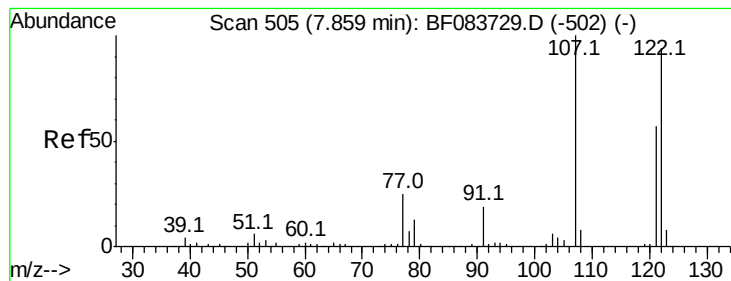
Ion Ratio Lower Upper

139 100

109 32.4 26.0 39.0

65 58.4 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 55.43 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

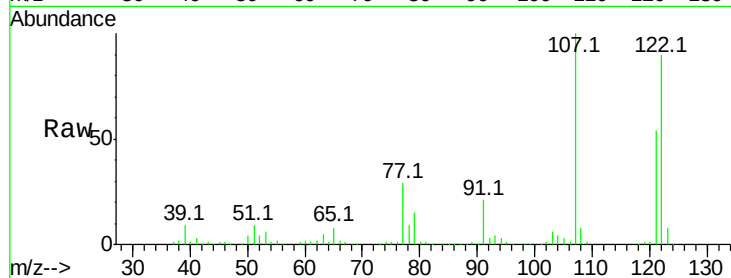
Tot Ion:122 Resp: 458126

Ion Ratio Lower Upper

122 100

107 111.3 83.9 125.9

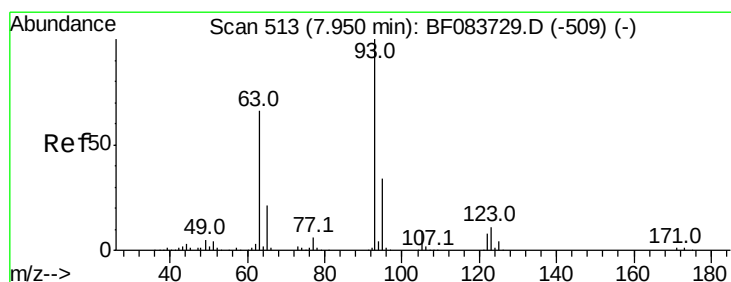
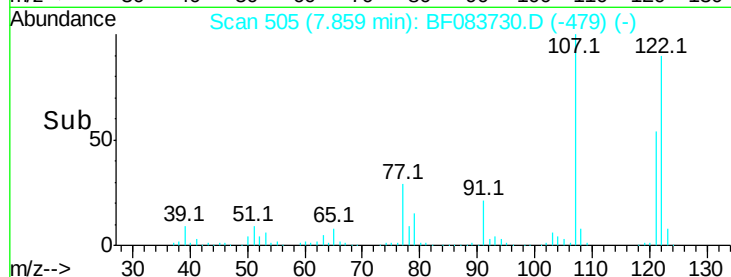
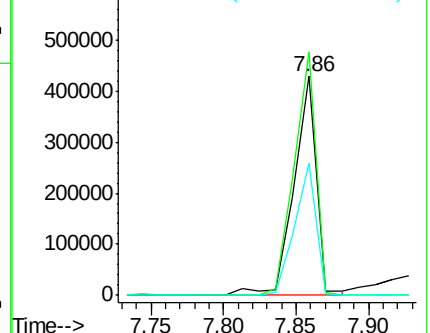
121 60.5 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.48 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

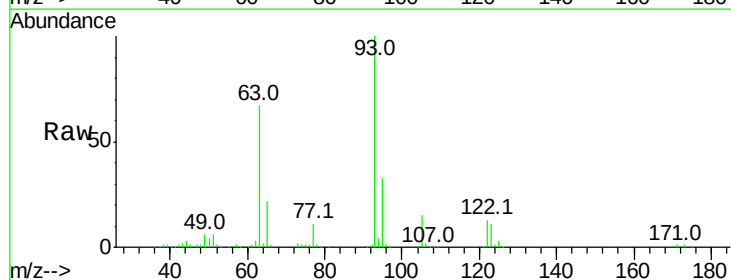
Tgt Ion: 93 Resp: 460747

Ion Ratio Lower Upper

93 100

95 32.8 26.9 40.3

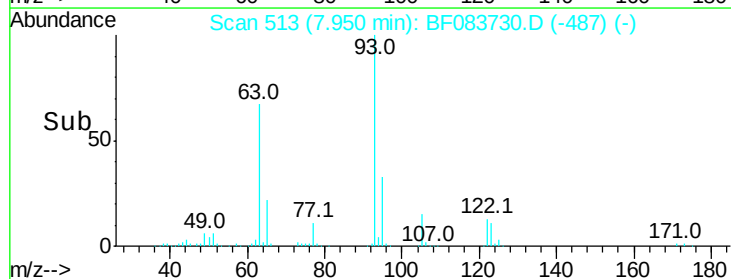
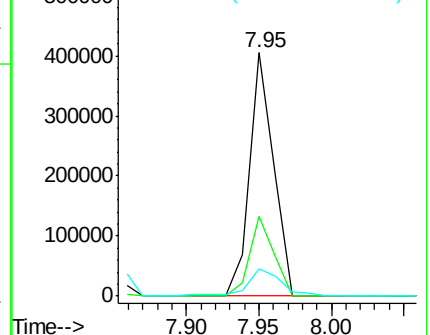
123 11.1 9.3 13.9

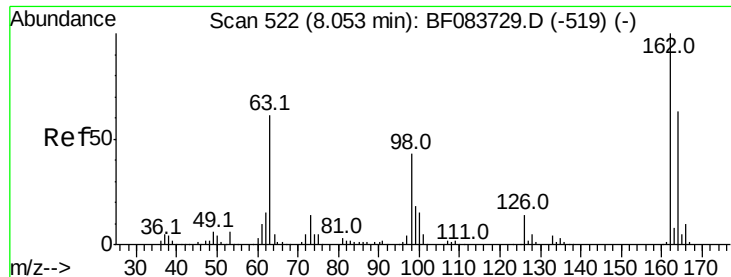


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

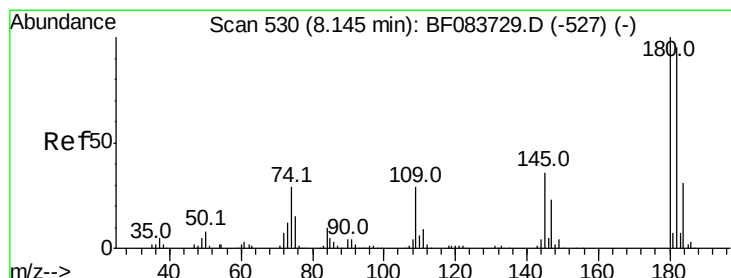
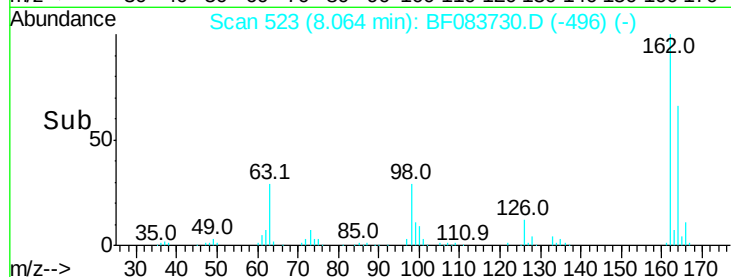
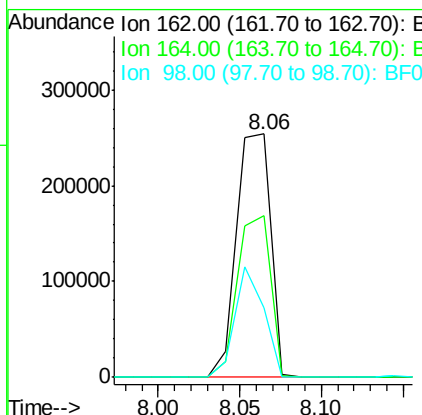
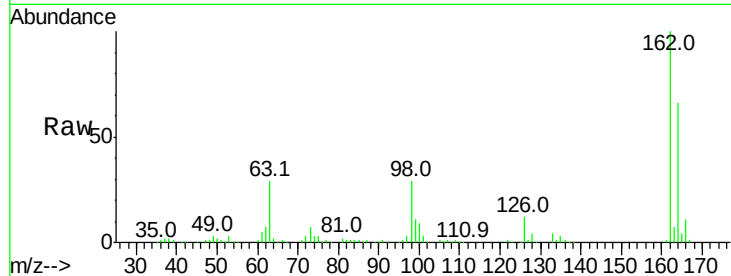




#29
 2,4-Dichlorophenol
 Concen: 54.26 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

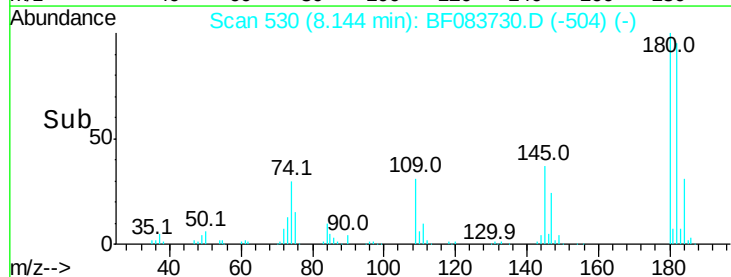
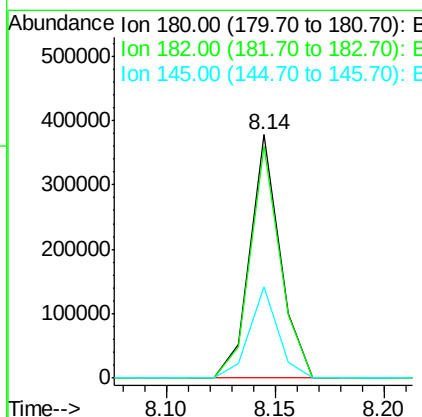
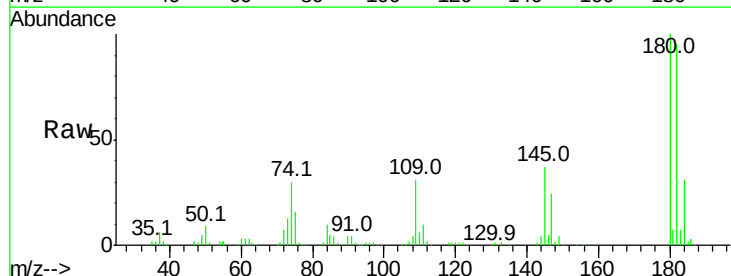
Instrument :
 BNA_F
 ClientSampleId :

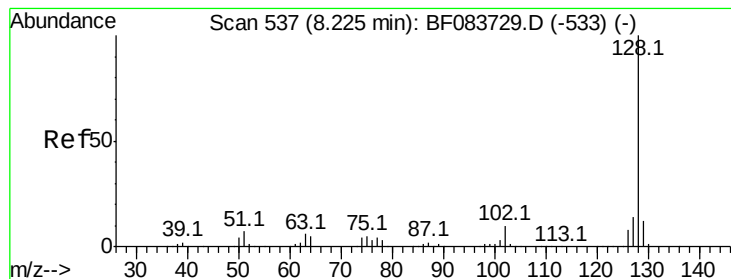
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.8	82.8
98	28.7	23.1	63.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.88 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.8
145	37.2	29.0	43.6





#31

Naphthalene

Concen: 49.12 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

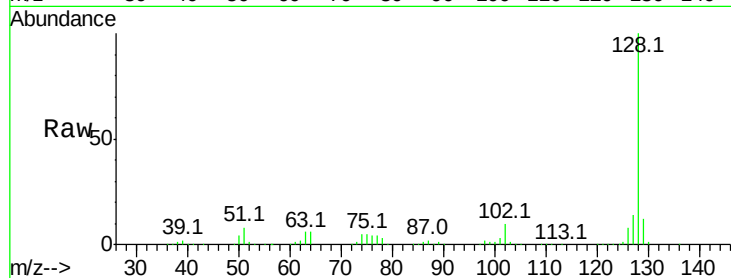
Tot Ion:128 Resp: 1203686

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

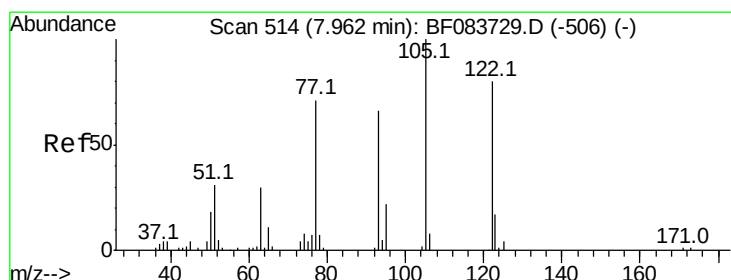
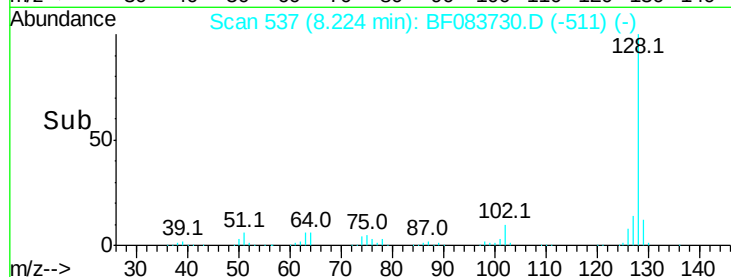
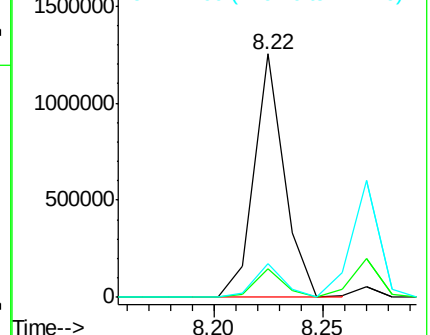
127 14.0 11.0 16.6



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



#32

Benzoic acid

Concen: 66.10 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

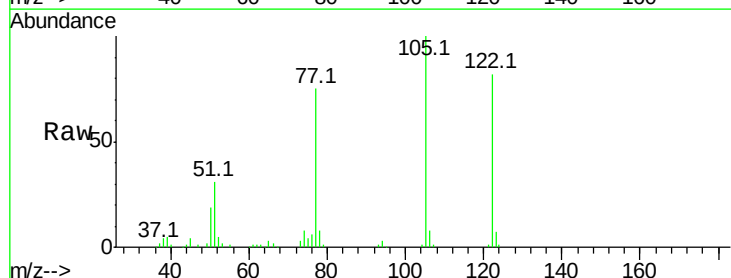
Tgt Ion:122 Resp: 308218

Ion Ratio Lower Upper

122 100

105 121.5 102.6 142.6

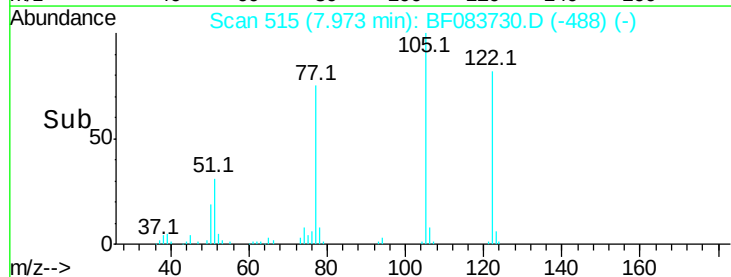
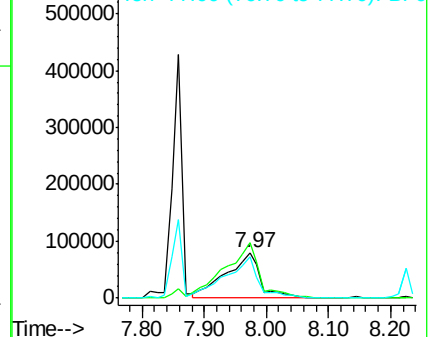
77 90.9 69.1 109.1

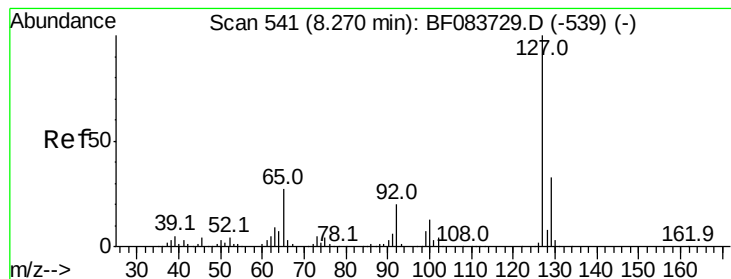


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 51.03 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 533614

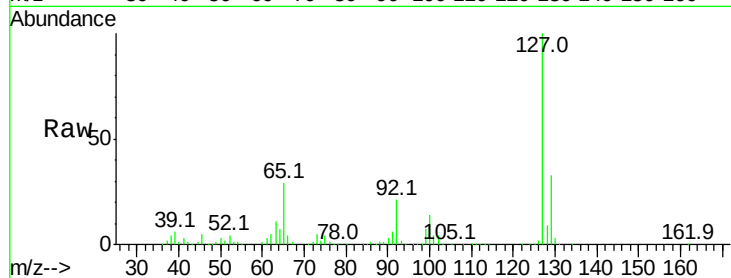
Ion Ratio Lower Upper

127 100

129 32.8 26.6 39.8

65 29.1 21.7 32.5

92 20.6 15.8 23.6

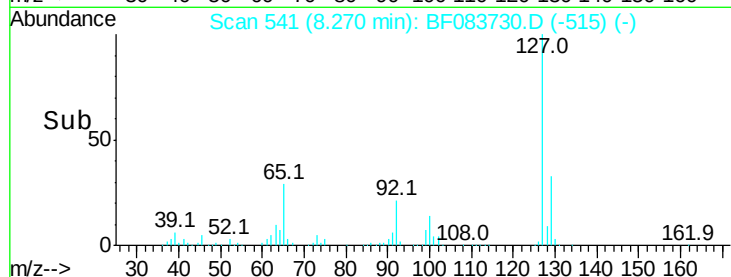


Abundance Ion 127.00 (126.70 to 127.70): E

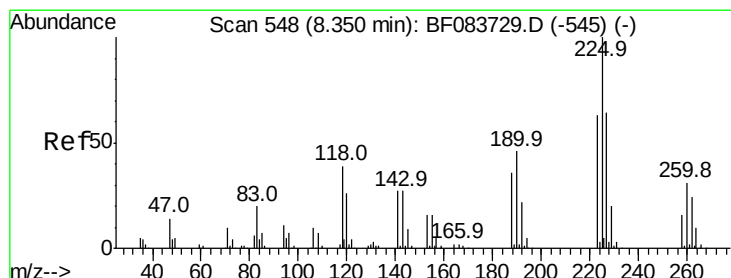
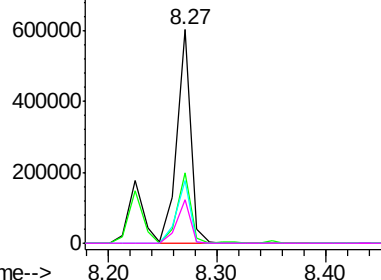
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 49.31 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

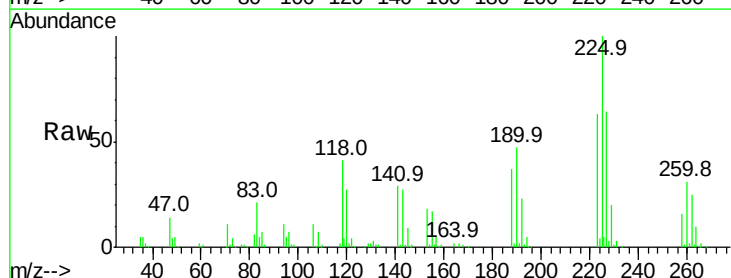
Tgt Ion:225 Resp: 204740

Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

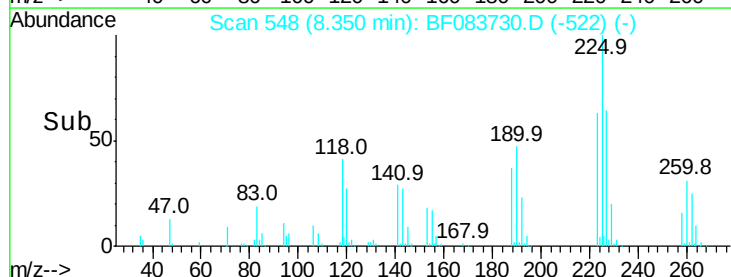
227 63.9 50.8 76.2



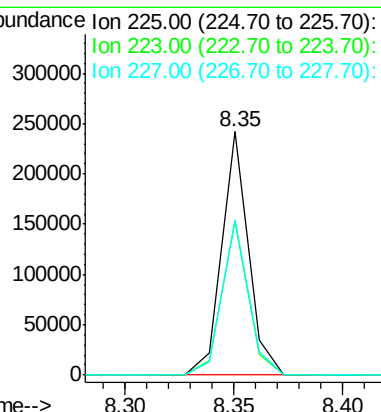
Abundance Ion 225.00 (224.70 to 225.70): E

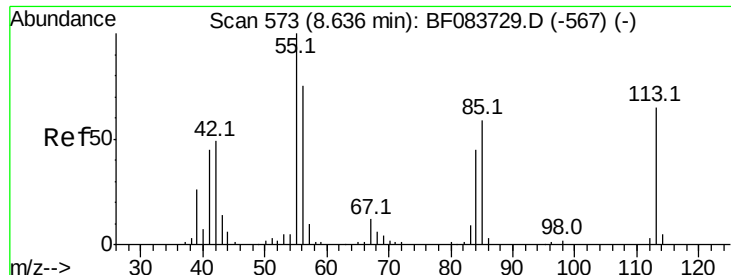
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

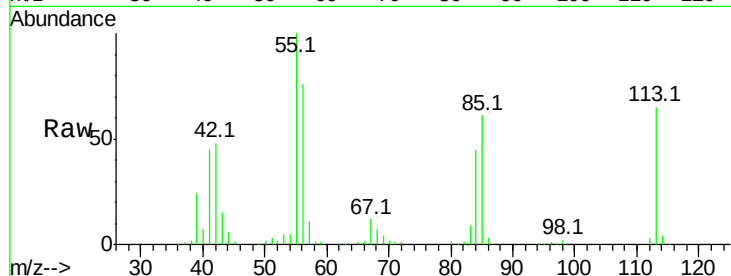




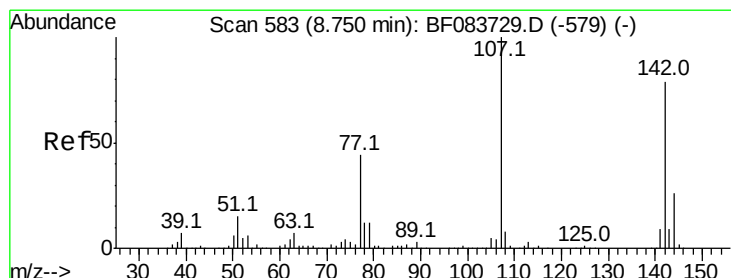
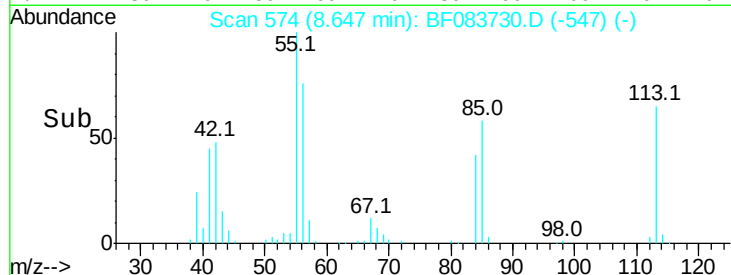
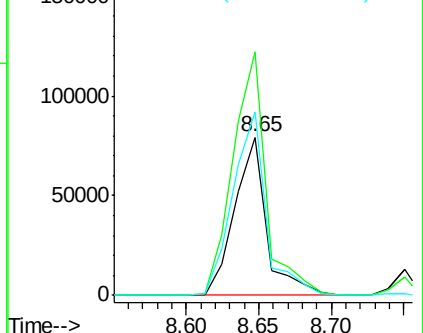
#35
Caprolactam
Concen: 54.61 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 120377
Ion Ratio Lower Upper
113 100
55 153.9 133.7 173.7
56 116.2 95.4 135.4

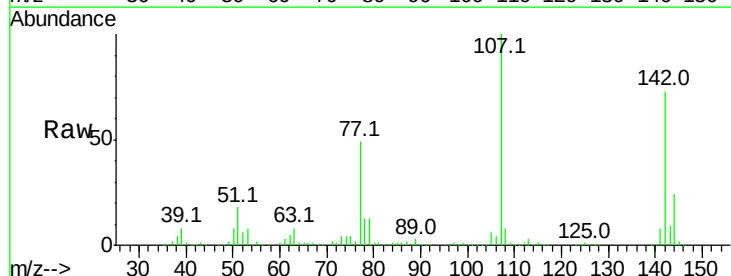


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

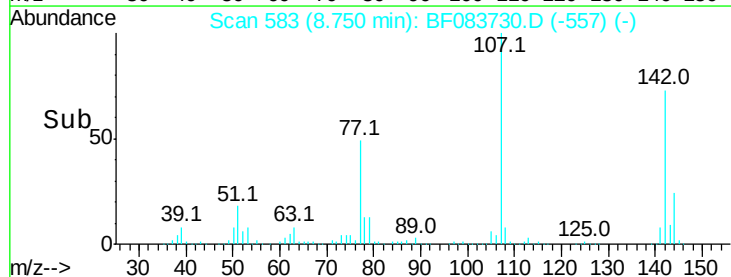
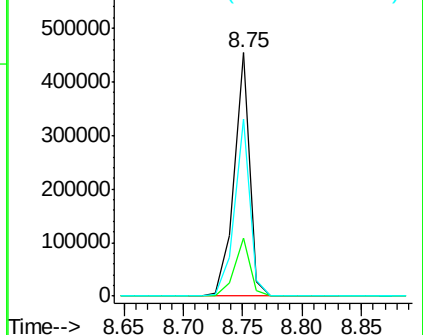


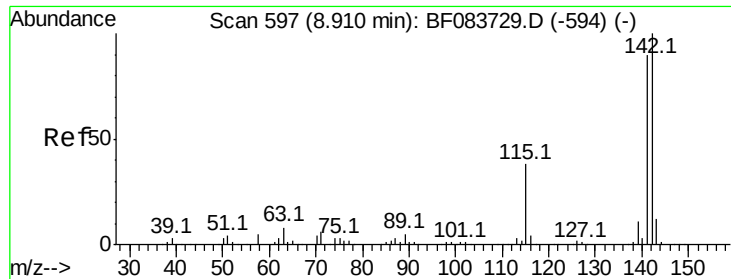
#36
4-Chloro-3-methylphenol
Concen: 54.06 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:107 Resp: 414458
Ion Ratio Lower Upper
107 100
144 23.7 20.5 30.7
142 72.6 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

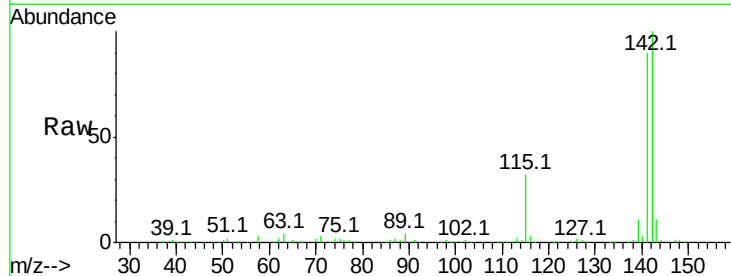




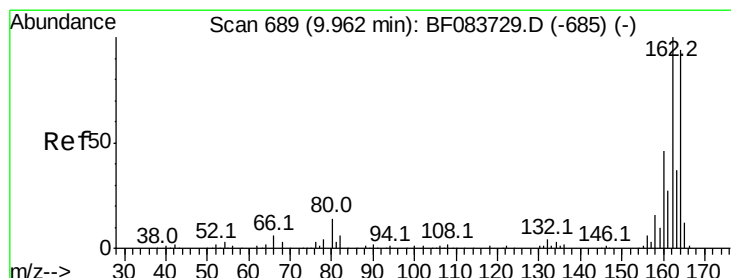
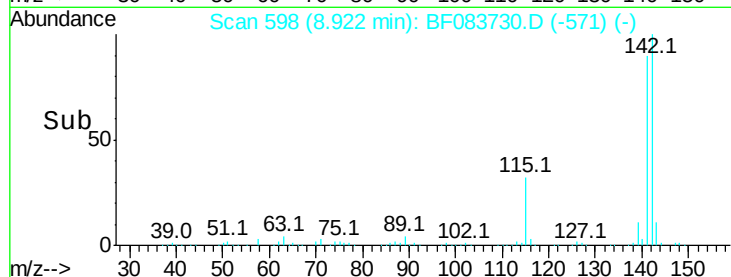
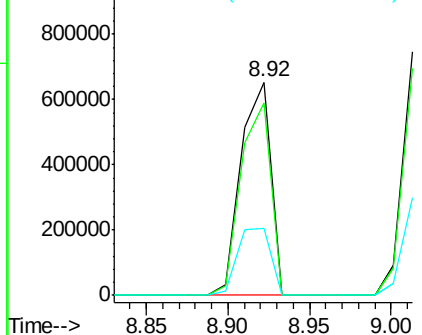
#37
2-Methylnaphthalene
Concen: 52.89 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 826430
Ion Ratio Lower Upper
142 100
141 90.3 72.0 108.0
115 31.6 30.8 46.2

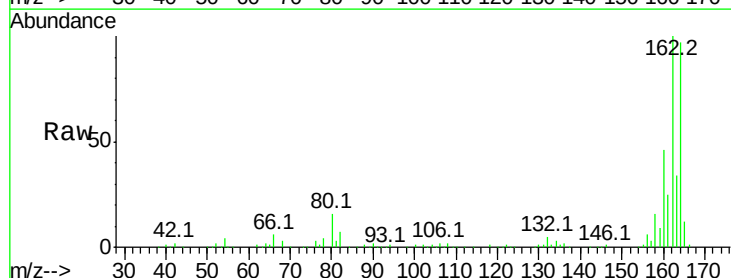


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

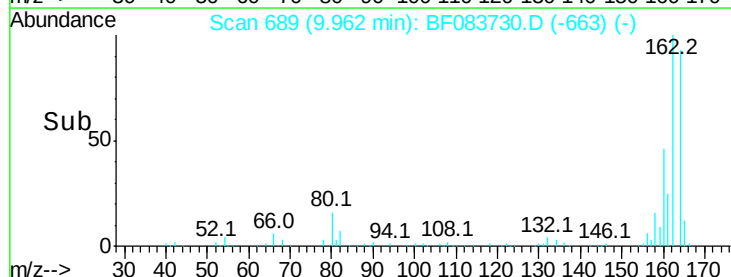
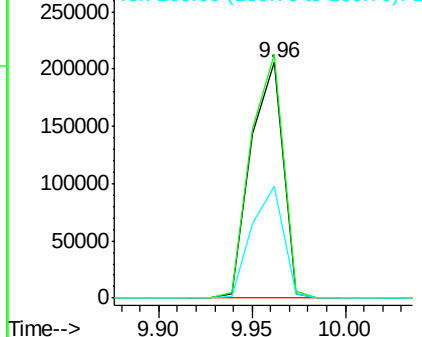


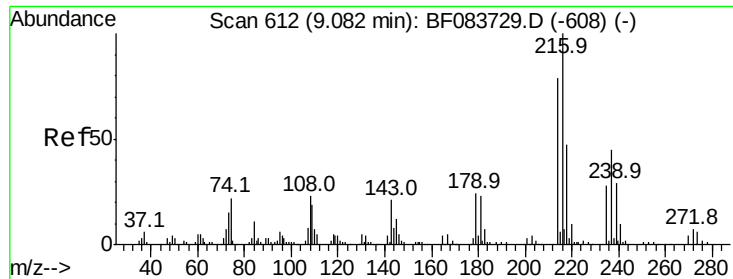
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:164 Resp: 244616
Ion Ratio Lower Upper
164 100
162 103.3 85.0 127.4
160 47.4 38.7 58.1



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

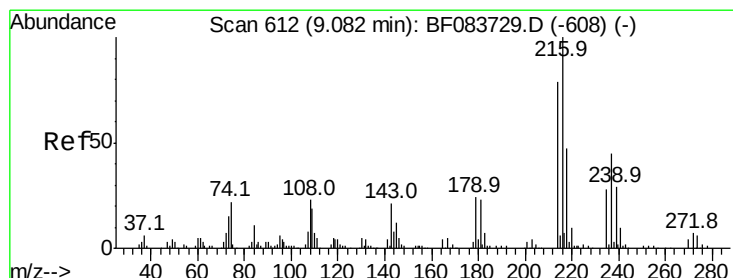
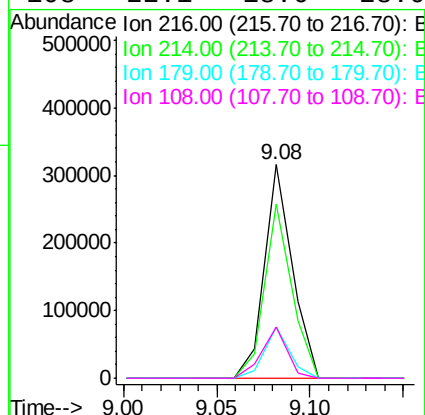
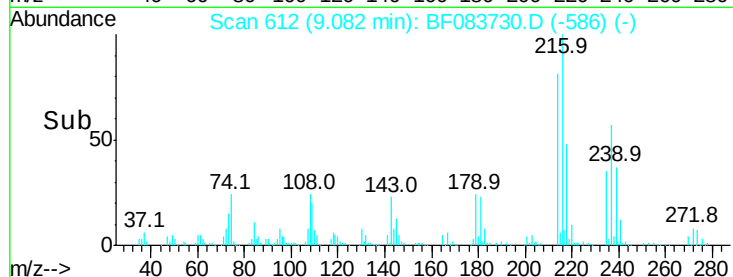
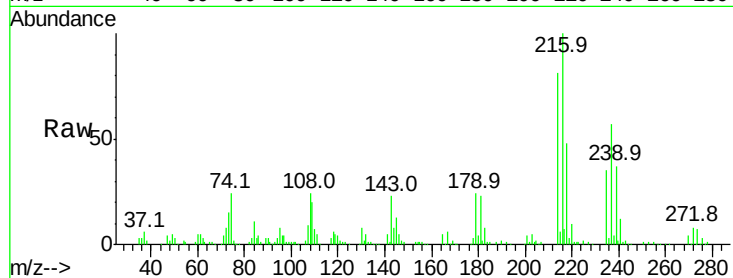




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.51 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

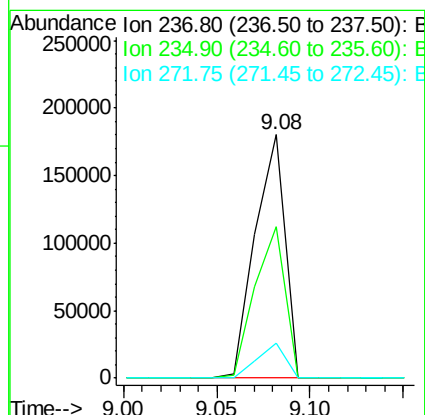
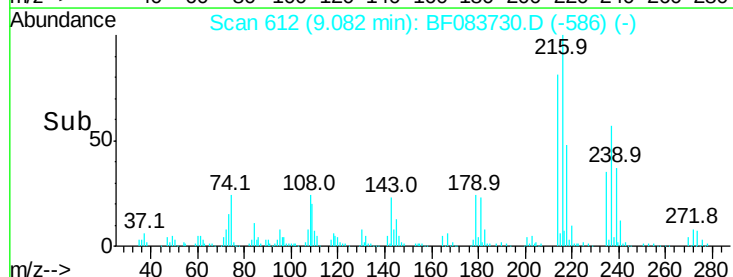
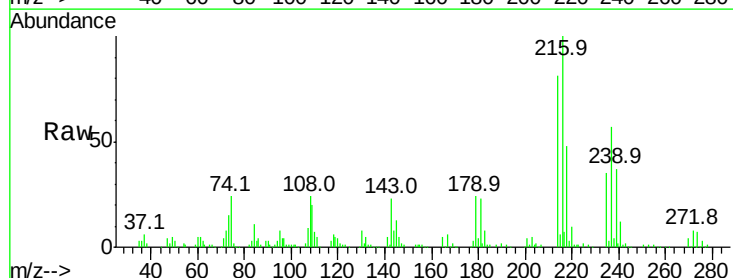
Instrument :
 BNA_F
 ClientSampleId :

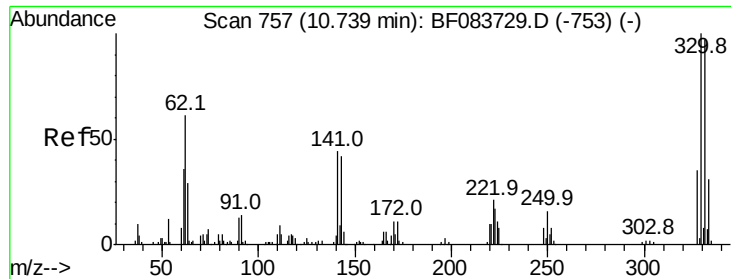
Tot Ion:	216	Resp:	325149
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.6	93.8
179	22.0	18.2	27.4
108	22.1	18.6	28.0



#40
 Hexachlorocyclopentadiene
 Concen: 54.54 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:	237	Resp:	199214
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.8	81.8
272	14.5	0.0	34.9

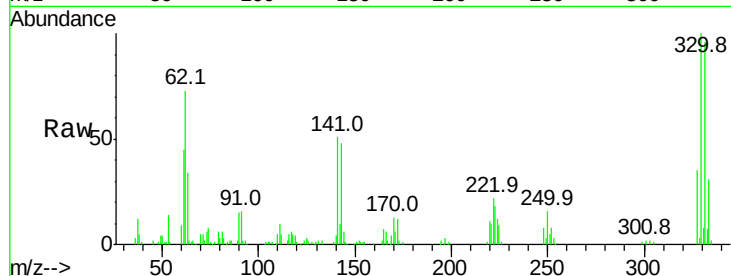




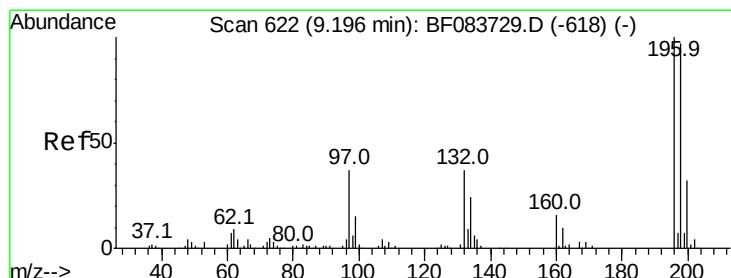
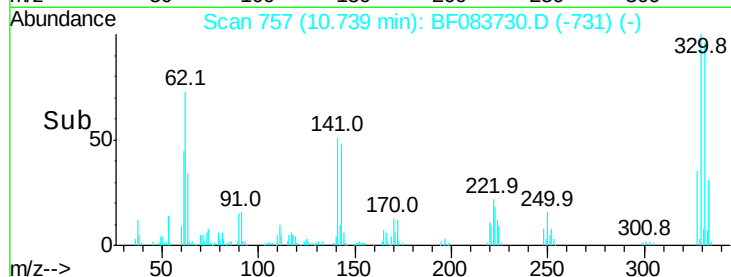
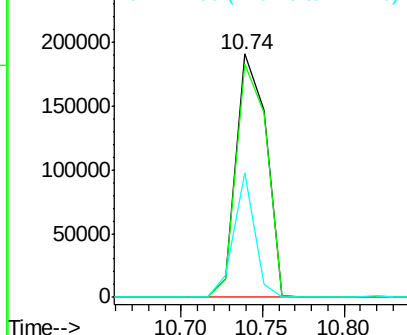
#41
 2,4,6-Tribromophenol
 Concen: 104.09 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 242440
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.0 117.0
 141 35.8 31.9 47.9

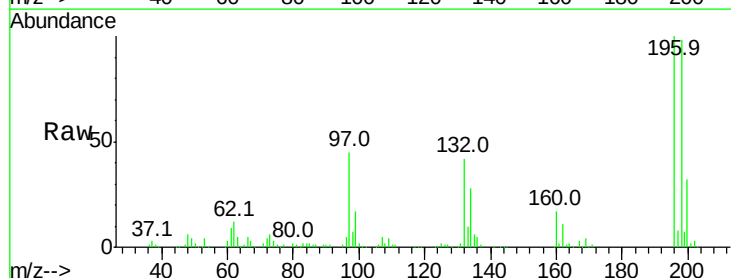


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

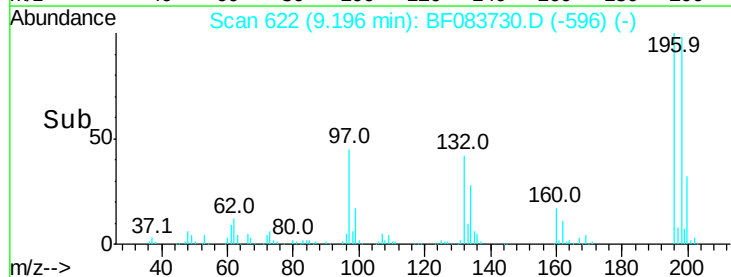
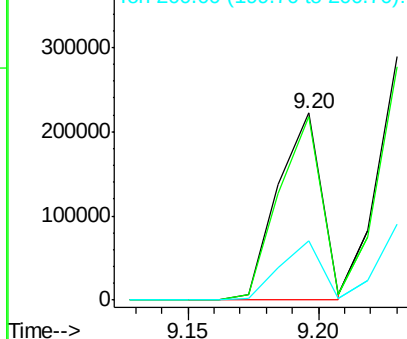


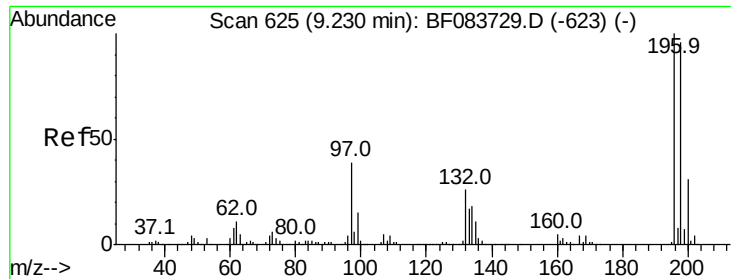
#42
 2,4,6-Trichlorophenol
 Concen: 49.32 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:196 Resp: 255993
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.8 116.6
 200 31.7 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

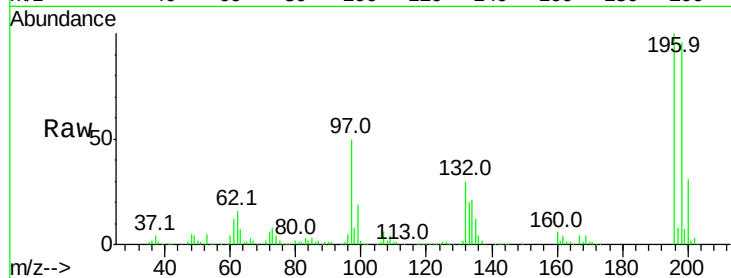




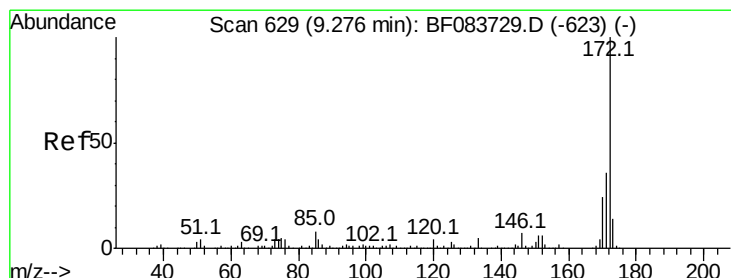
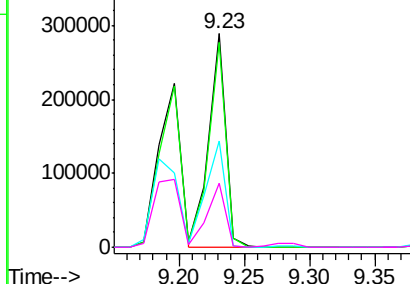
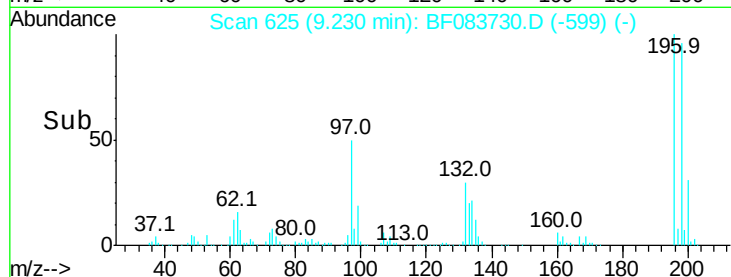
#43
 2,4,5-Trichlorophenol
 Concen: 51.48 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 264778
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.1 115.7
 97 49.7 32.8 49.2#
 132 30.3 21.3 31.9

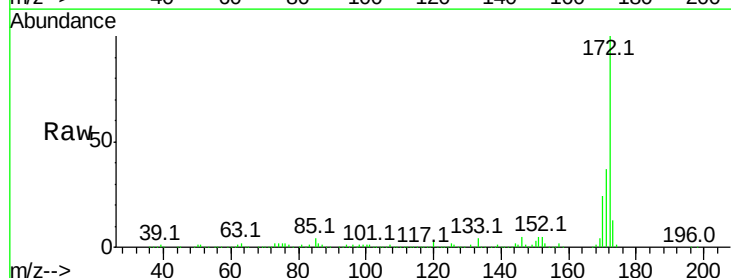


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

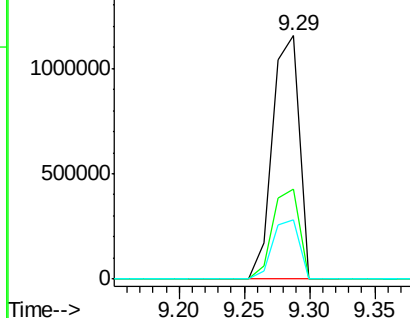
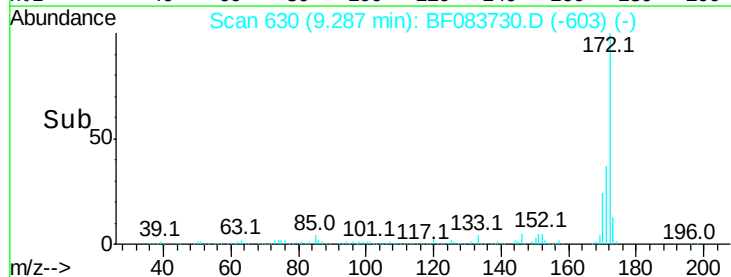


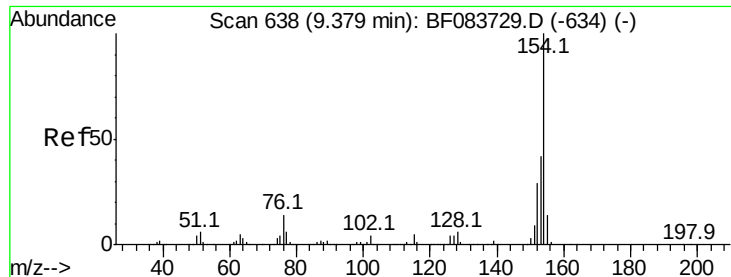
#44
 2-Fluorobiphenyl
 Concen: 97.06 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:172 Resp: 1625504
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 24.3 19.4 29.2



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: 44.52 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

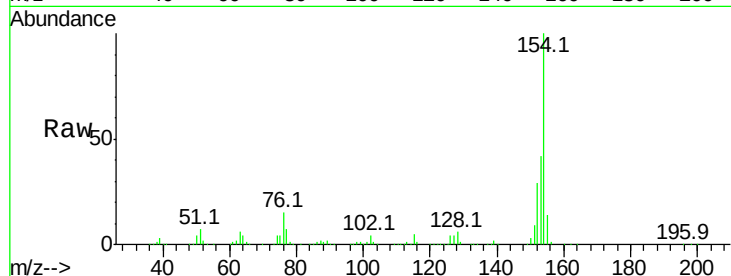
Tot Ion:154 Resp: 942401

Ion Ratio Lower Upper

154 100

153 42.3 21.9 61.9

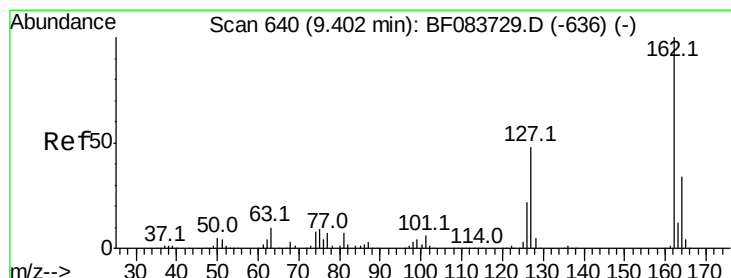
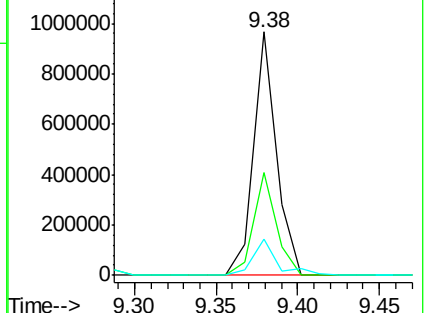
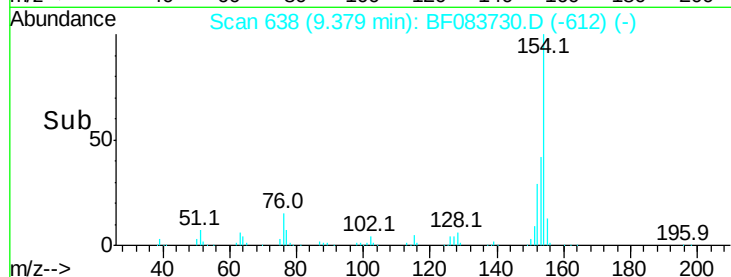
76 14.8 0.0 33.9



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): BFO



#46

2-Chloronaphthalene

Concen: 46.39 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

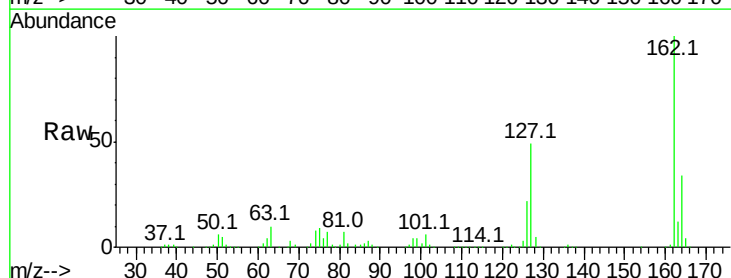
Tgt Ion:162 Resp: 738130

Ion Ratio Lower Upper

162 100

127 49.1 38.8 58.2

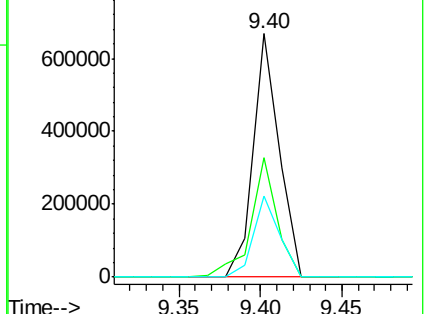
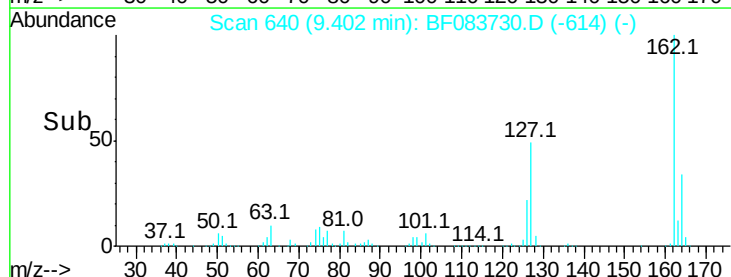
164 33.5 26.9 40.3

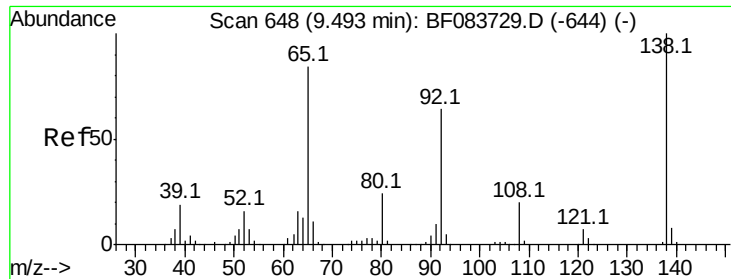


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

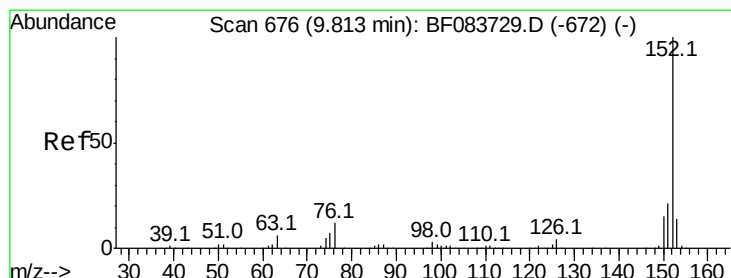
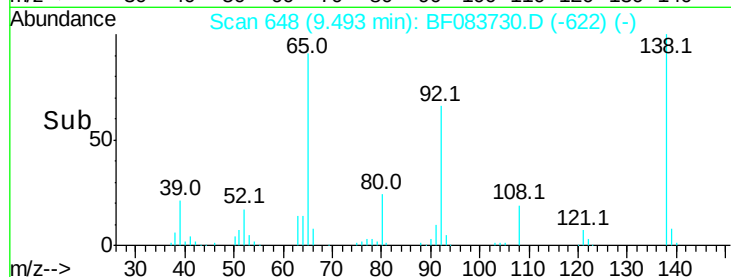
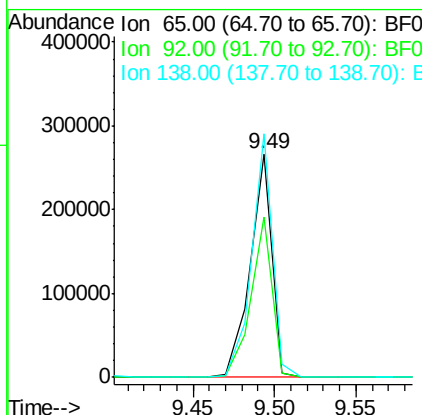
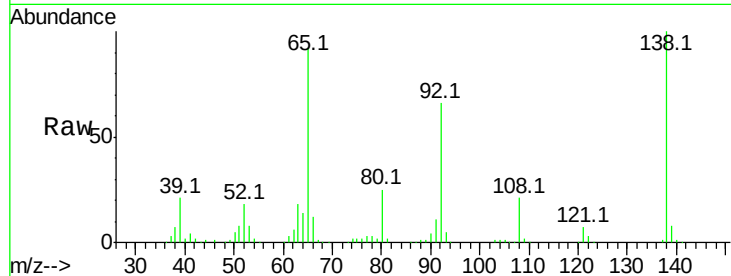




#47
 2-Nitroaniline
 Concen: 58.02 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

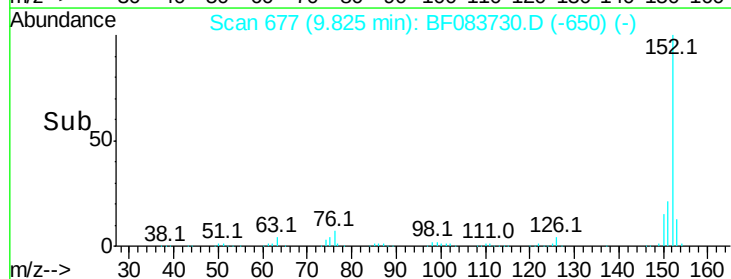
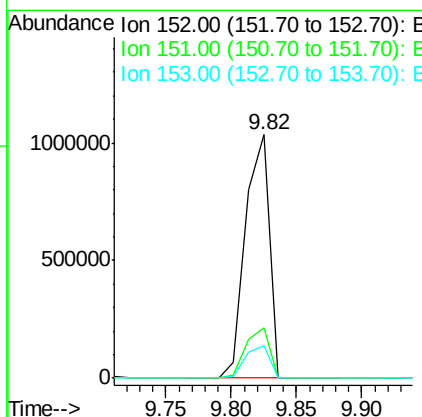
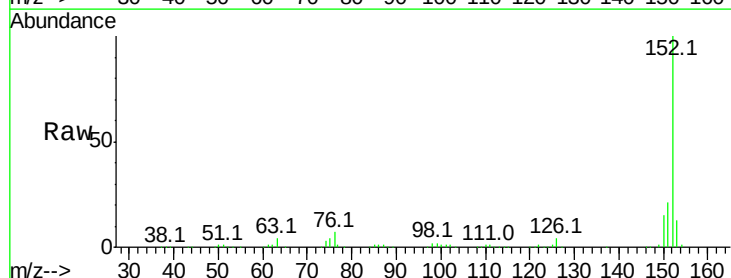
Instrument :
 BNA_F
 ClientSampled :

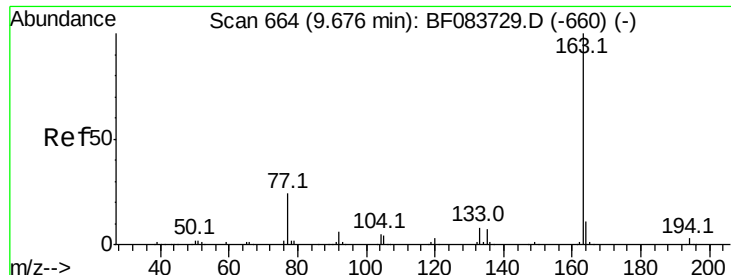
Tot Ion: 65 Resp: 245520
 Ion Ratio Lower Upper
 65 100
 92 71.8 61.1 91.7
 138 108.9 95.0 142.4



#48
 Acenaphthylene
 Concen: 49.25 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:152 Resp: 1310154
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.5 24.7
 153 13.2 11.1 16.7





#49

Dimethylphthalate

Concen: 51.35 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

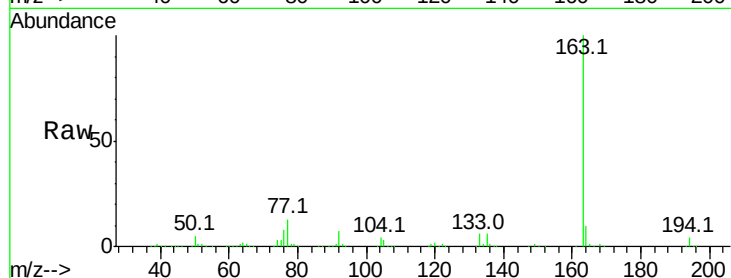
Tot Ion:163 Resp: 957062

Ion Ratio Lower Upper

163 100

194 3.9 2.5 3.7#

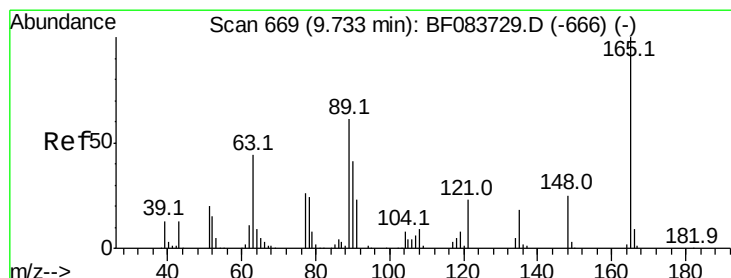
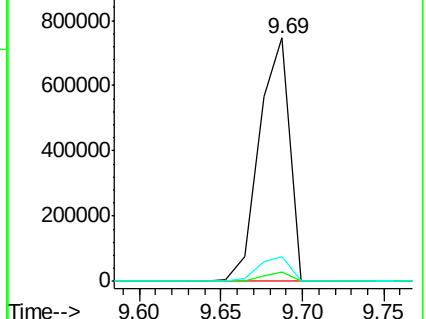
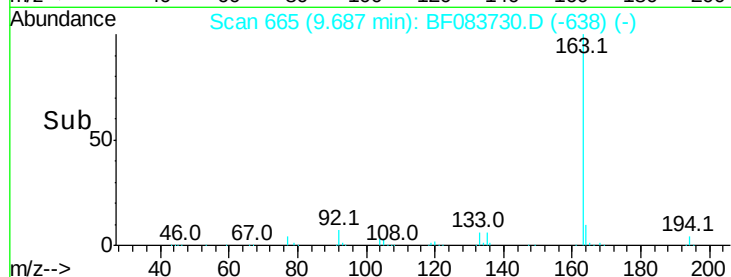
164 10.0 8.7 13.1



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: 54.60 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

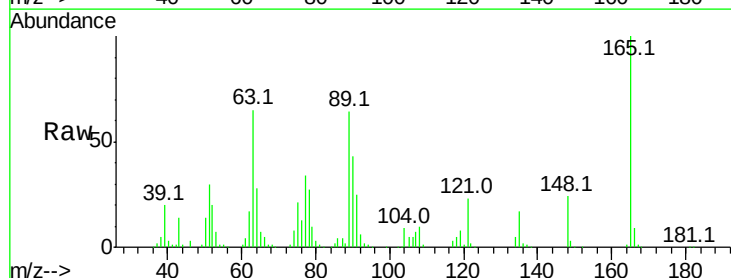
Tgt Ion:165 Resp: 200613

Ion Ratio Lower Upper

165 100

63 65.1 47.9 71.9

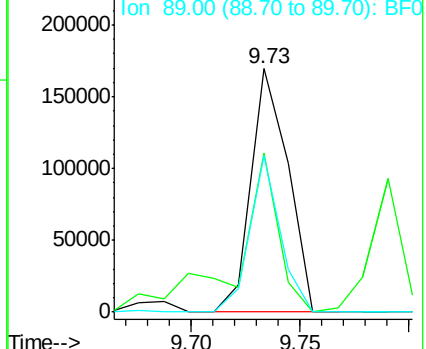
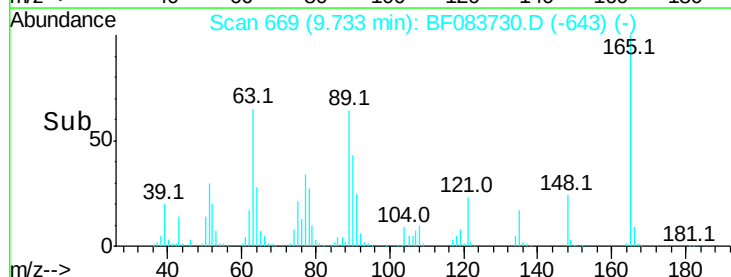
89 64.5 49.0 73.6

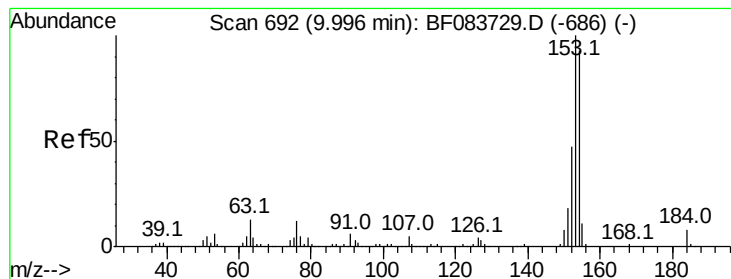


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.97 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

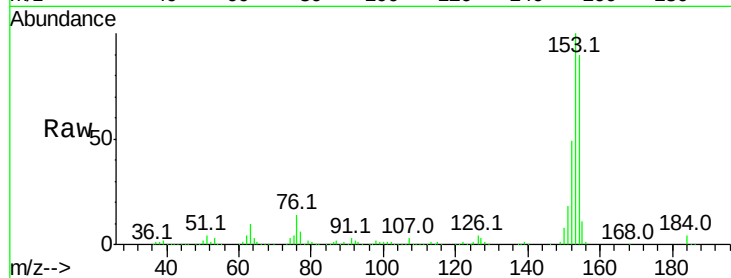
Tot Ion:154 Resp: 811692

Ion Ratio Lower Upper

154 100

153 110.7 85.8 128.8

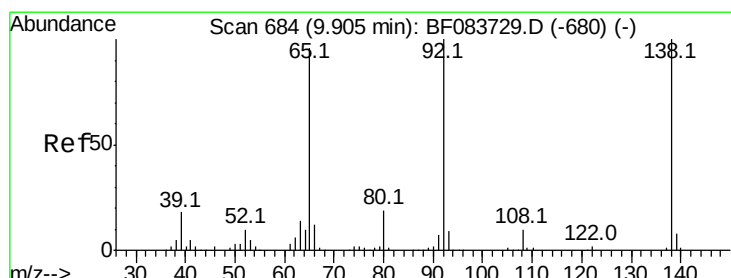
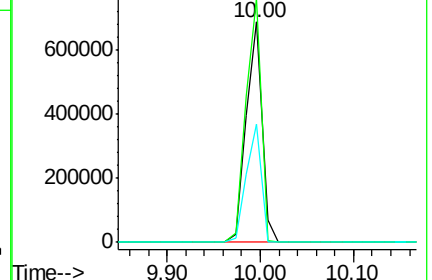
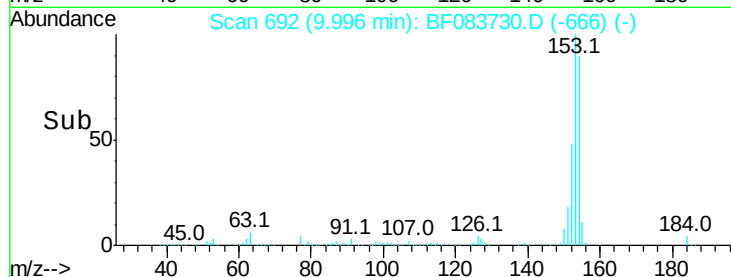
152 53.7 40.6 61.0



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



#52

3-Nitroaniline

Concen: 56.02 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

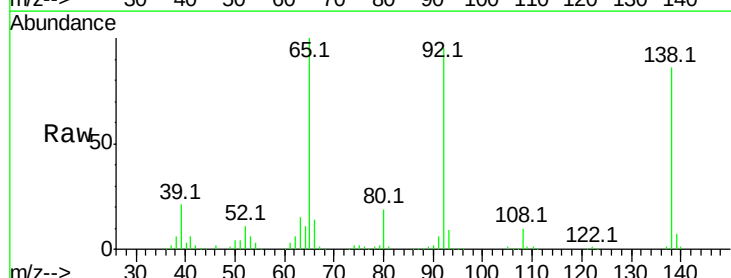
Tgt Ion:138 Resp: 242938

Ion Ratio Lower Upper

138 100

108 11.1 8.4 12.6

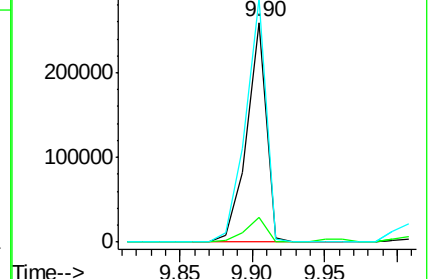
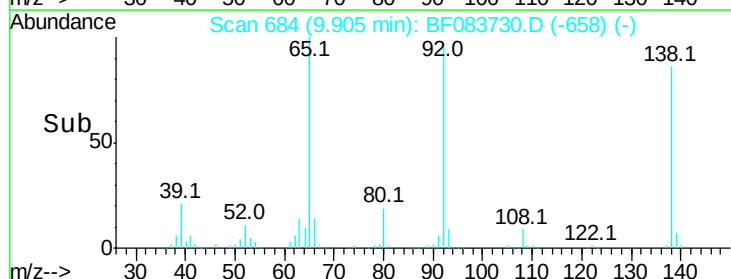
92 110.9 80.2 120.2

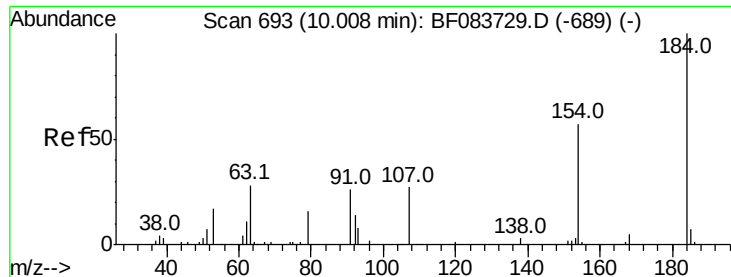


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

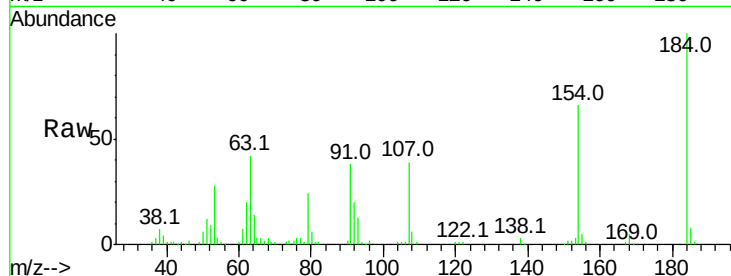




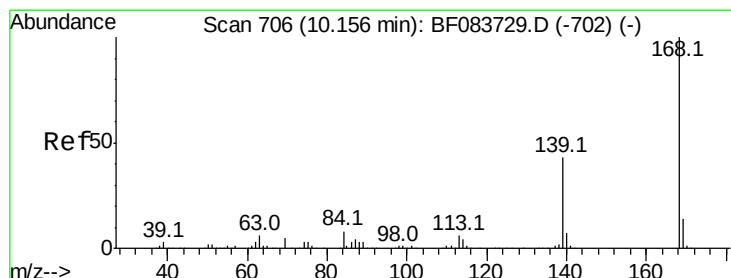
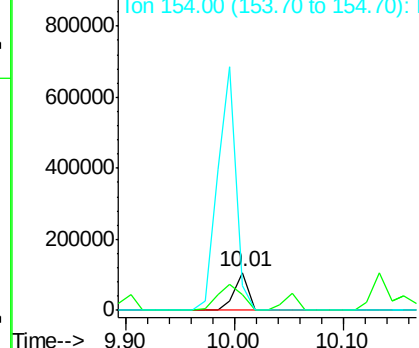
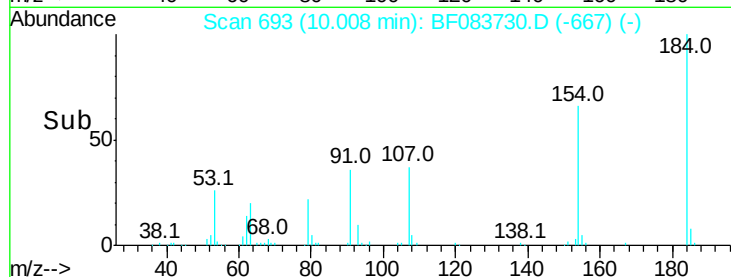
#53
 2,4-Dinitrophenol
 Concen: 94.88 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 94851
 Ion Ratio Lower Upper
 184 100
 63 41.5 23.4 35.0#
 154 65.9 46.7 70.1

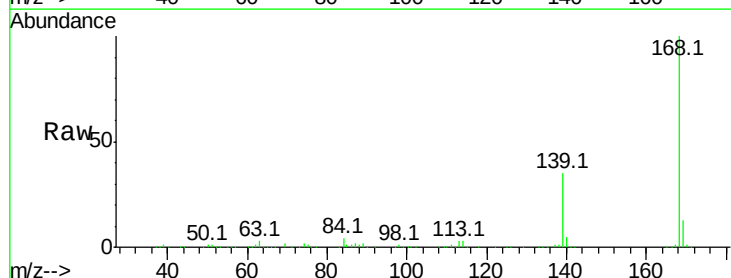


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

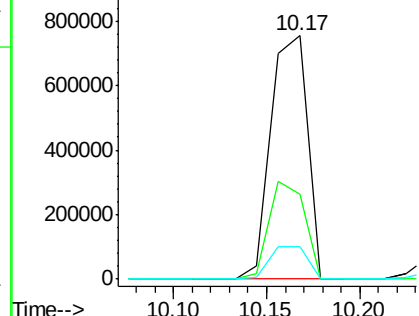
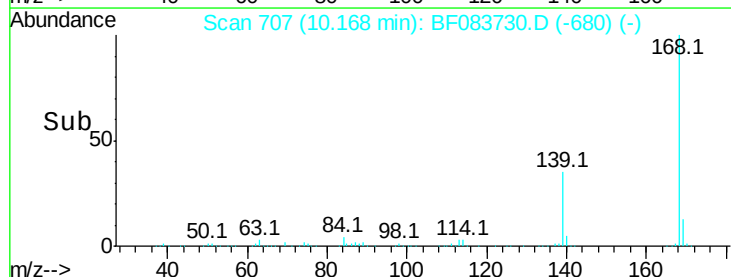


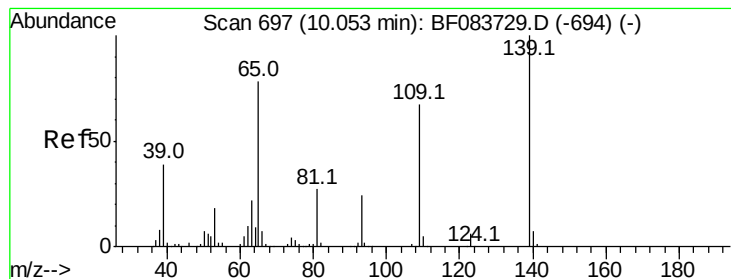
#54
 Dibenzofuran
 Concen: 48.92 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:168 Resp: 1026749
 Ion Ratio Lower Upper
 168 100
 139 34.7 34.4 51.6
 169 13.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 46.04 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

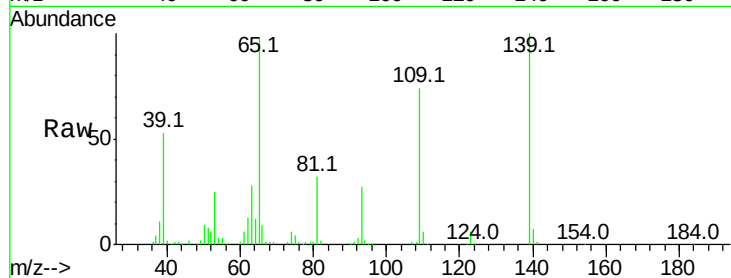
Tot Ion:139 Resp: 166105

Ion Ratio Lower Upper

139 100

109 74.0 47.4 87.4

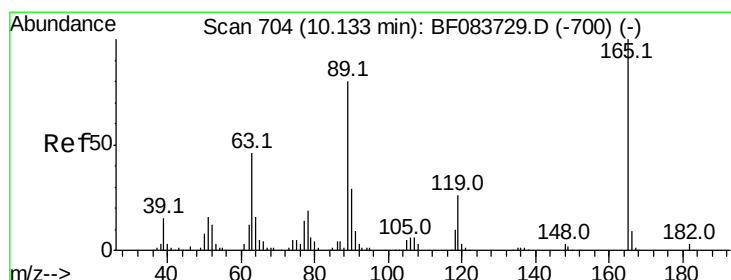
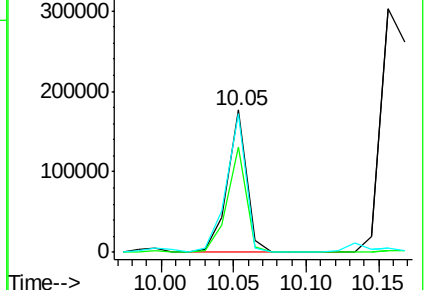
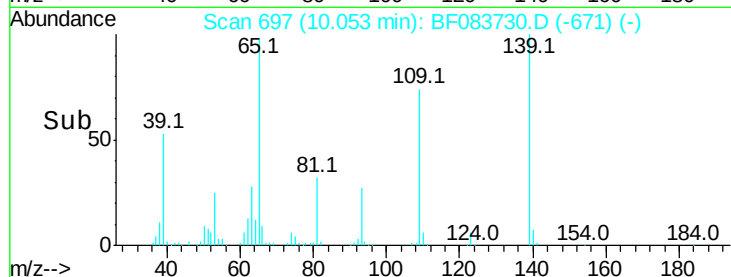
65 97.6 58.0 98.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 56.90 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Tgt Ion:165 Resp: 267793

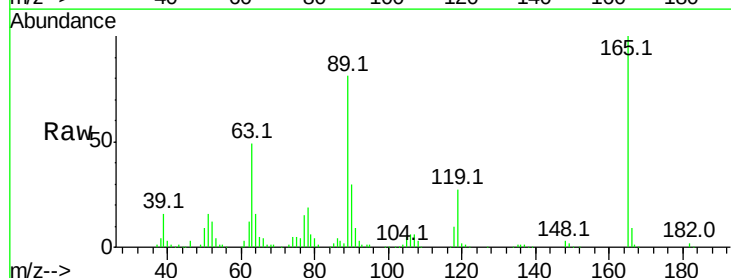
Ion Ratio Lower Upper

165 100

63 49.5 36.8 55.2

89 81.1 63.8 95.8

182 2.1 2.0 3.0

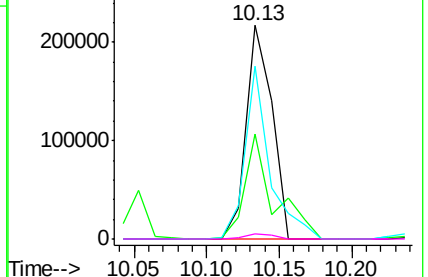
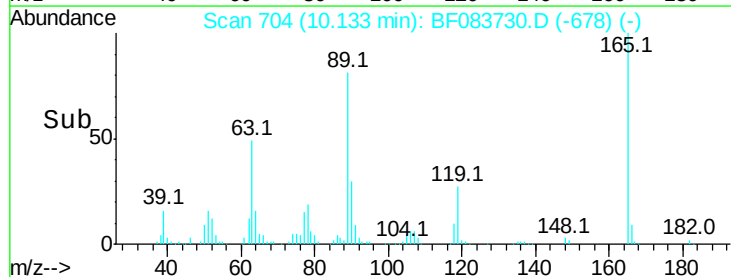


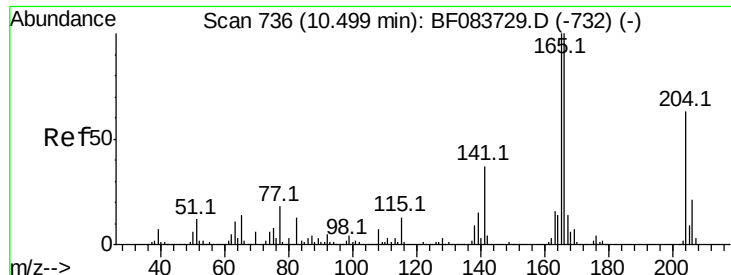
Abundance Ion 165.00 (164.70 to 165.70): E

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

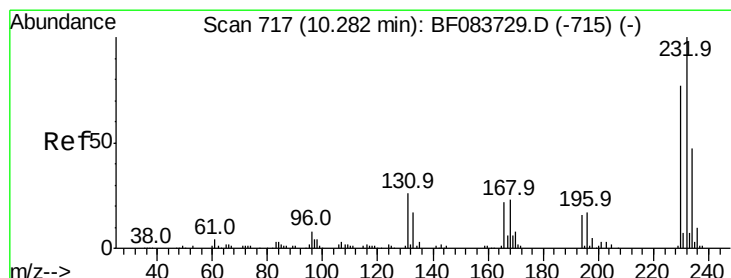
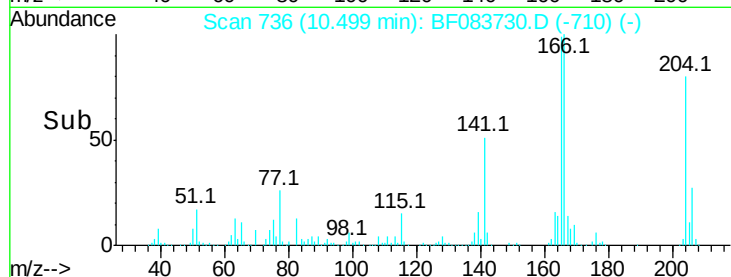
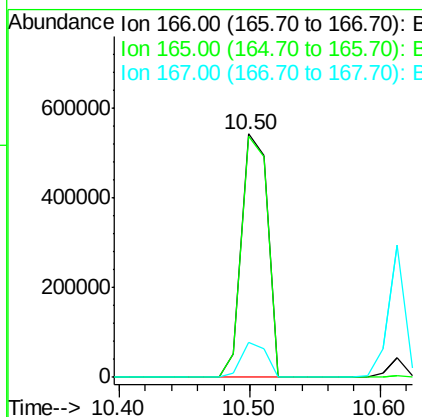
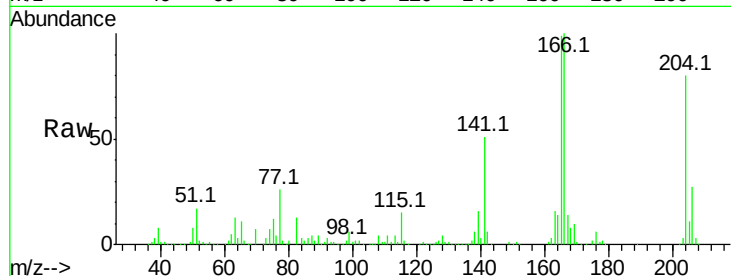




#57
Fluorene
 Concen: 45.50 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

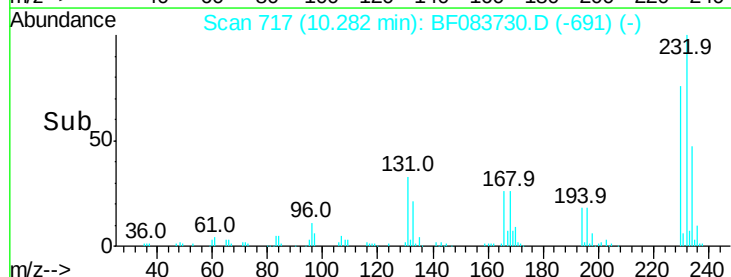
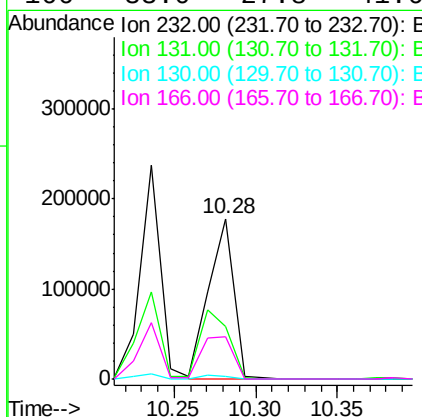
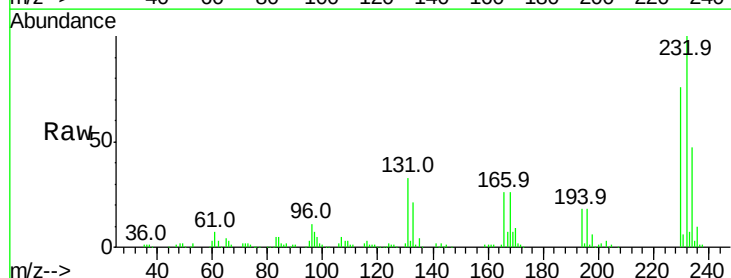
Instrument :
 BNA_F
 ClientSampleId :

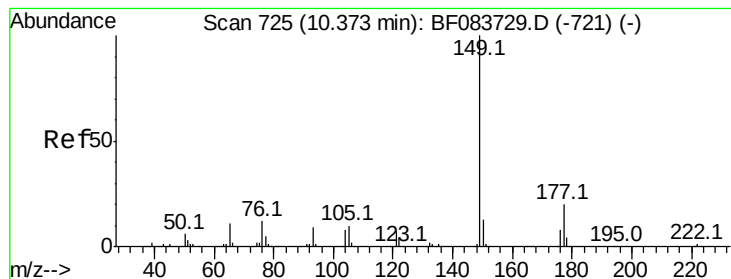
Tot Ion:166 Resp: 748736
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.7 119.5
 167 14.3 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.71 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:232 Resp: 192173
 Ion Ratio Lower Upper
 232 100
 131 50.1 43.0 64.6
 130 2.4 2.0 3.0
 166 33.0 27.8 41.6





#59

Diethylphthalate

Concen: 52.70 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampled :

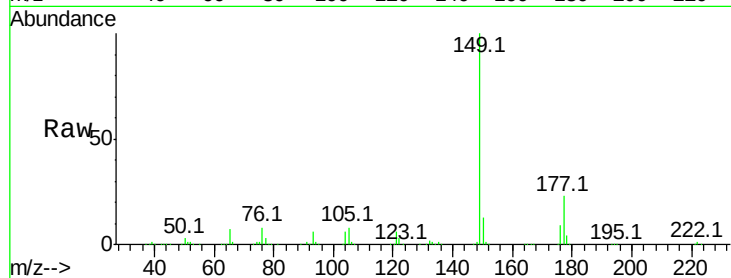
Tot Ion:149 Resp: 943878

Ion Ratio Lower Upper

149 100

177 22.6 15.7 23.5

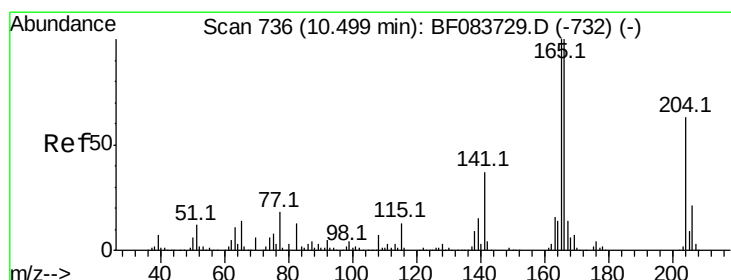
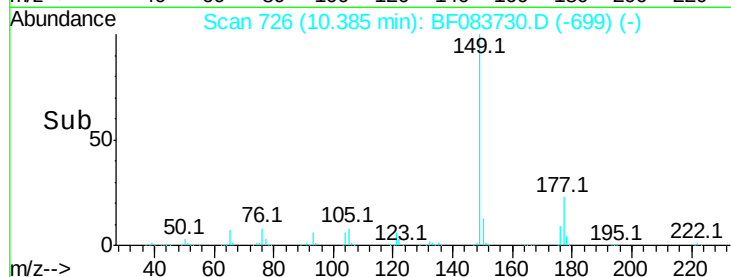
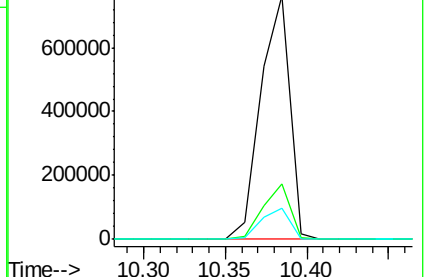
150 12.6 10.6 15.8



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



#60

4-Chlorophenyl-phenylether

Concen: 47.96 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

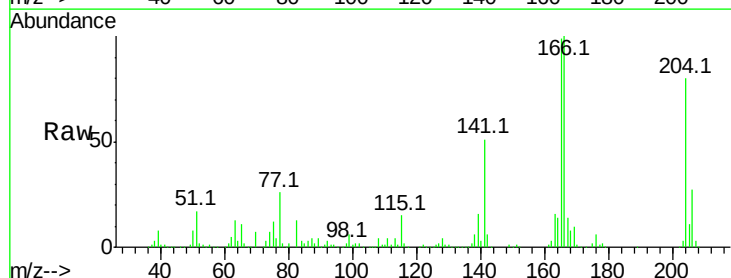
Tgt Ion:204 Resp: 383240

Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

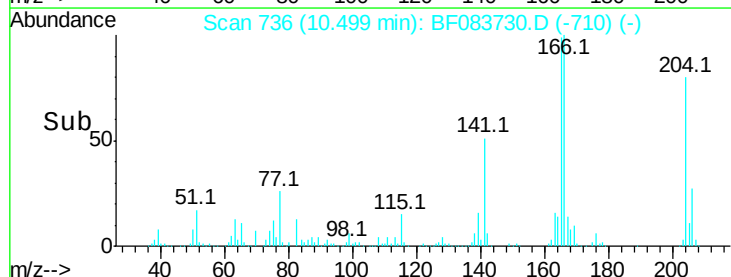
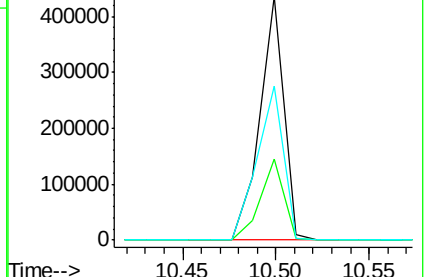
141 63.4 47.5 71.3

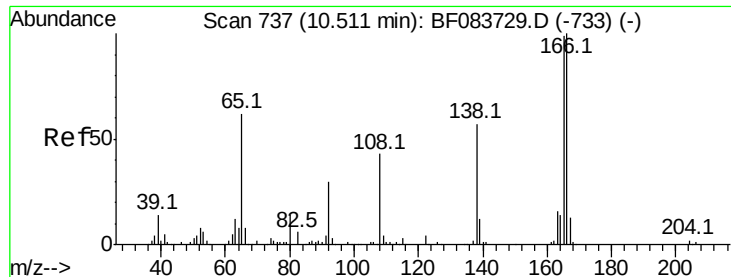


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

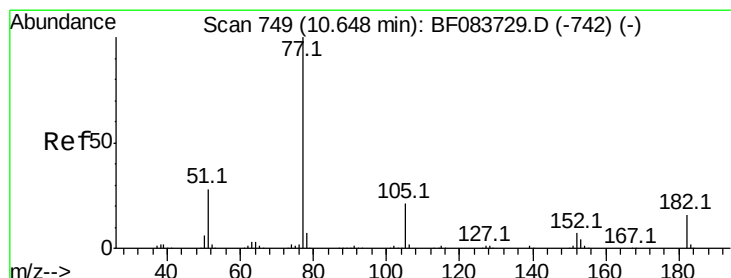
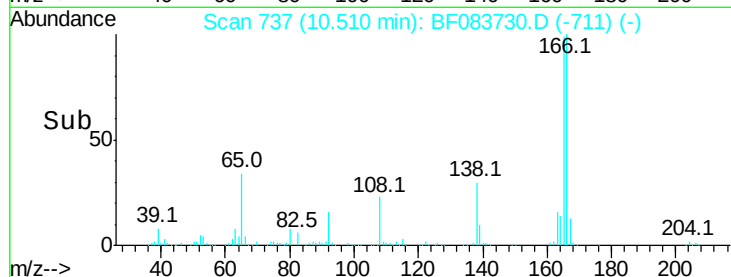
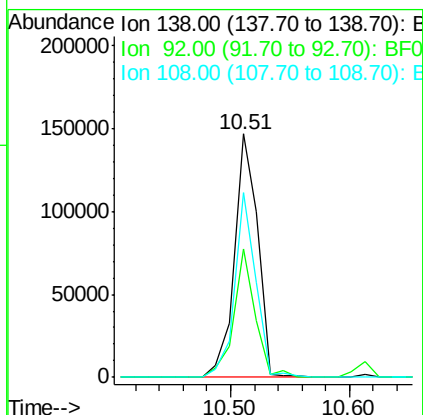
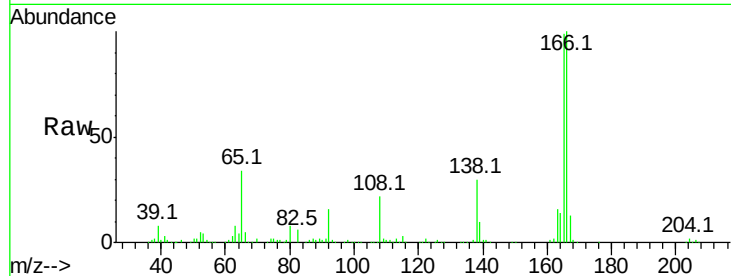




#61
4-Nitroaniline
Concen: 51.31 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

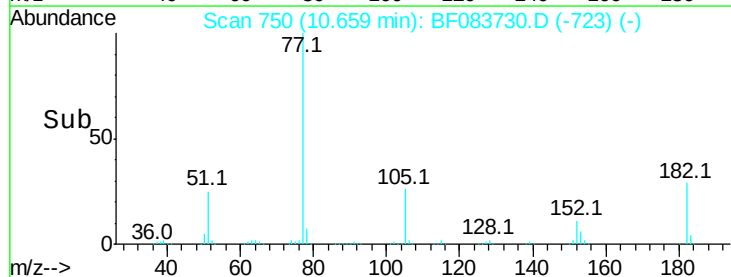
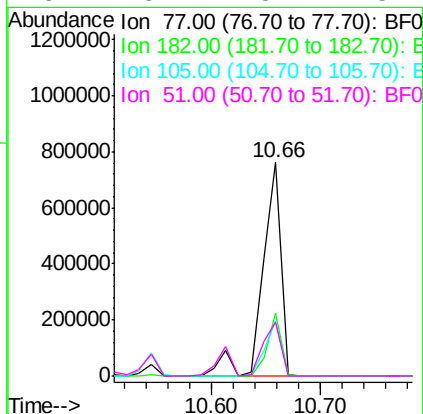
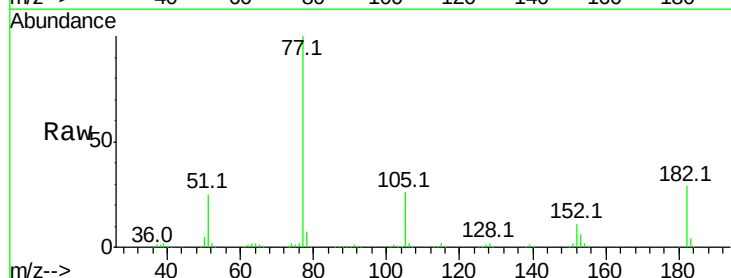
Instrument :
BNA_F
ClientSampleId :

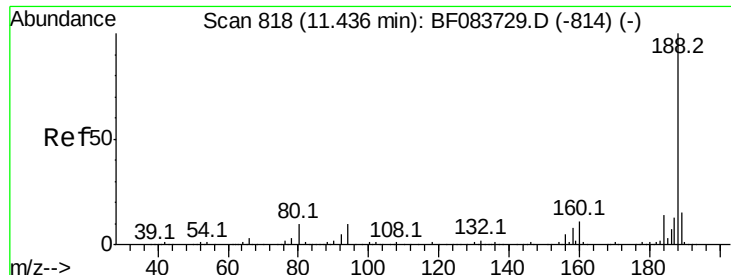
Tot Ion:138 Resp: 199597
Ion Ratio Lower Upper
138 100
92 52.8 32.0 72.0
108 75.6 54.3 94.3



#62
Azobenzene
Concen: 53.20 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion: 77 Resp: 915119
Ion Ratio Lower Upper
77 100
182 29.4 0.0 35.6
105 26.0 1.4 41.4
51 25.1 8.2 48.2

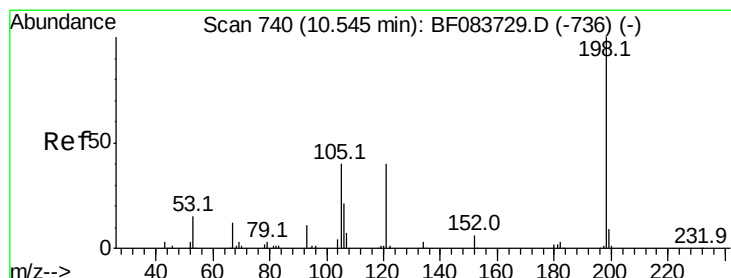
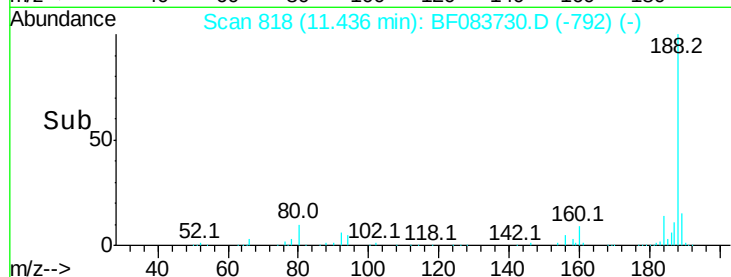
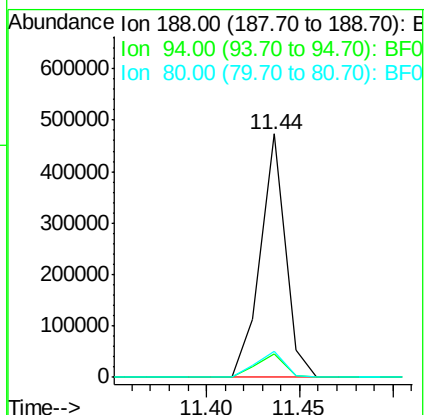
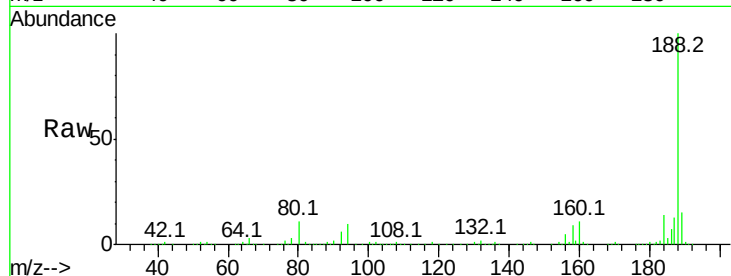




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

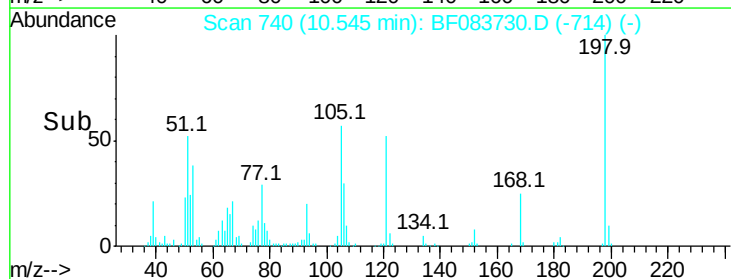
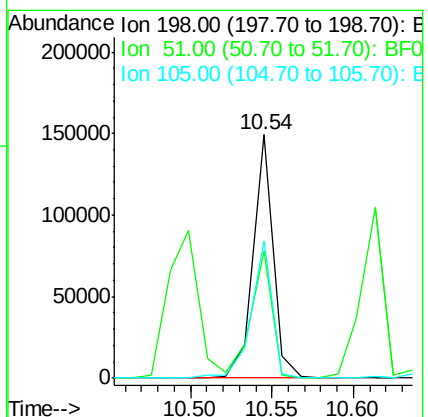
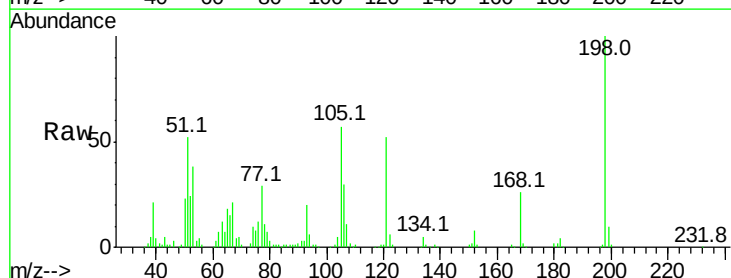
Instrument :
BNA_F
ClientSampleId :

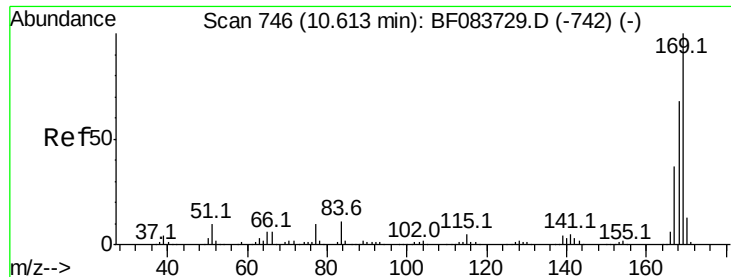
Tot Ion:188 Resp: 439310
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.8 8.3 12.5



#64
4,6-Dinitro-2-methylphenol
Concen: 78.12 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:198 Resp: 127011
Ion Ratio Lower Upper
198 100
51 52.2 9.0 49.0#
105 56.5 20.7 60.7

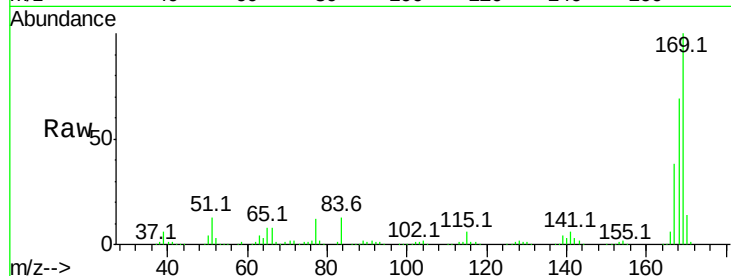




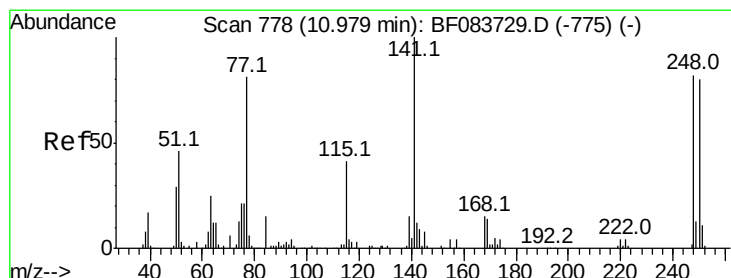
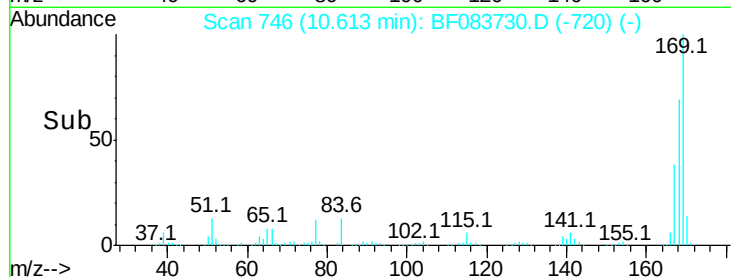
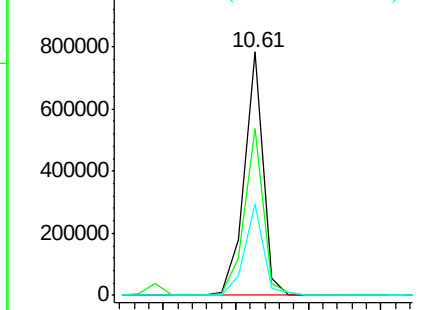
#65
 n-Nitrosodiphenylamine
 Concen: 47.37 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 705763
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.6 82.0
 167 37.6 30.0 45.0

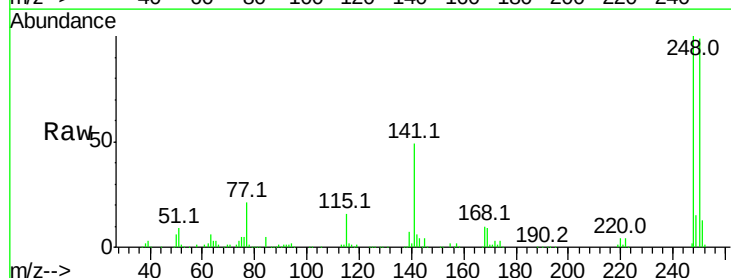


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

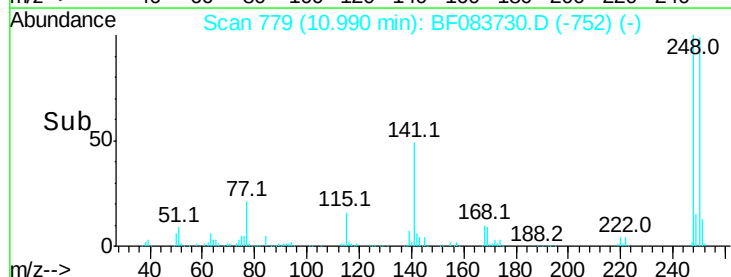
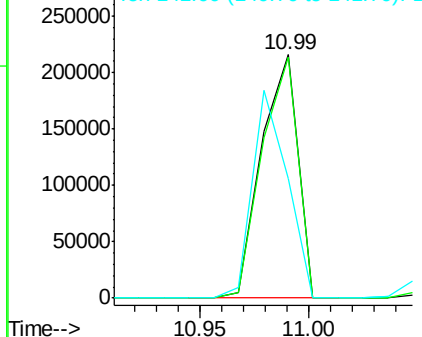


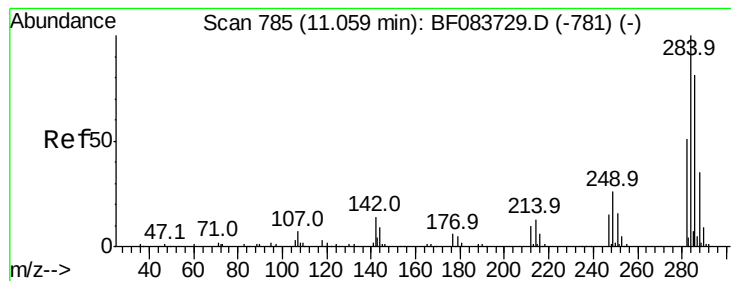
#66
 4-Bromophenyl-phenylether
 Concen: 53.36 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:248 Resp: 253125
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.4 116.2
 141 49.3 97.1 145.7#



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





#67

Hexachlorobenzene

Concen: 52.54 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

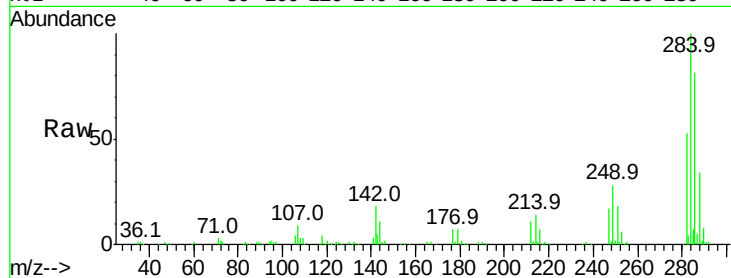
Tot Ion:284 Resp: 270897

Ion Ratio Lower Upper

284 100

142 17.9 11.1 16.7#

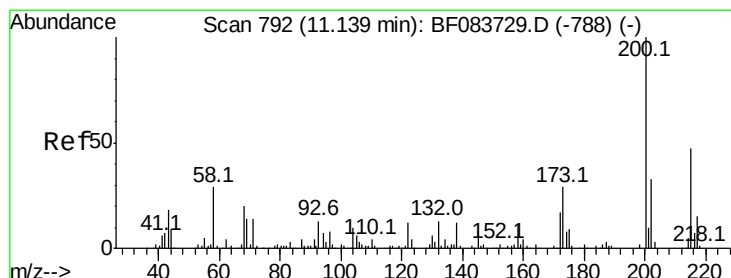
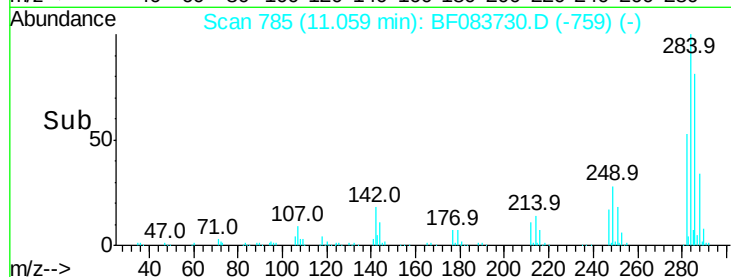
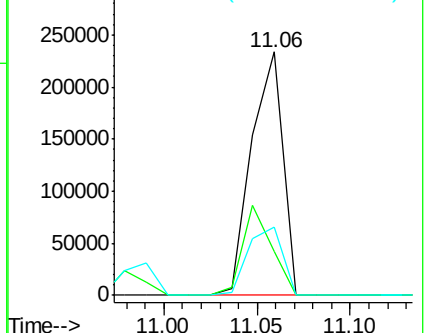
249 27.9 20.6 30.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.37 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

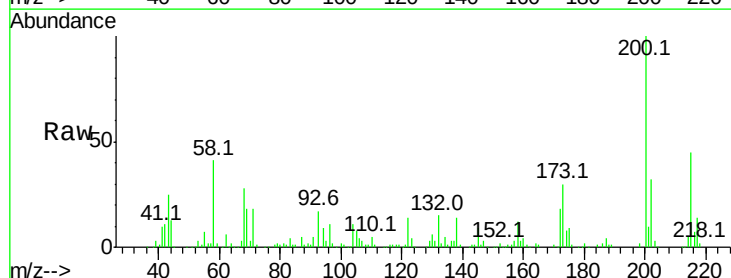
Tgt Ion:200 Resp: 217159

Ion Ratio Lower Upper

200 100

173 29.9 8.5 48.5

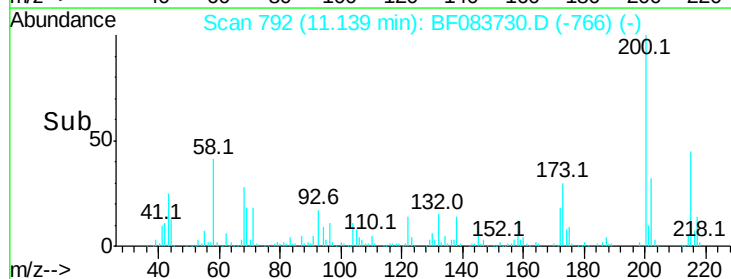
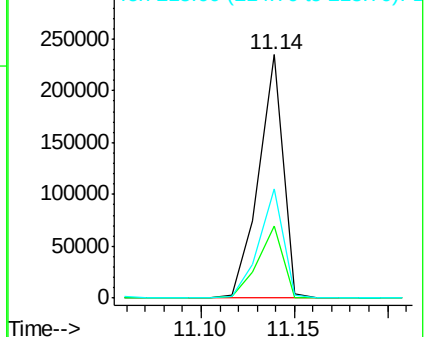
215 44.7 26.9 66.9

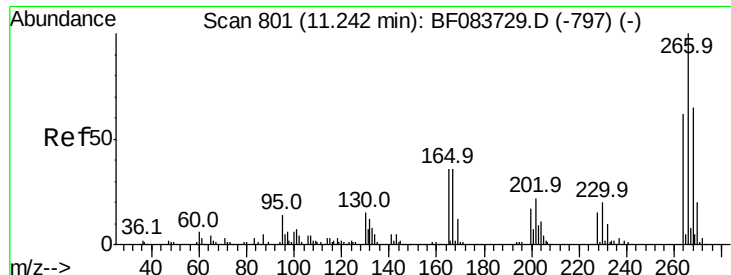


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

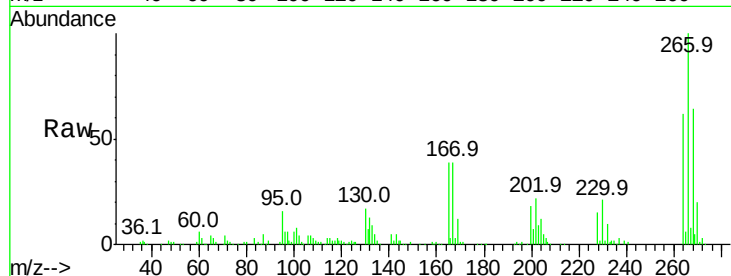




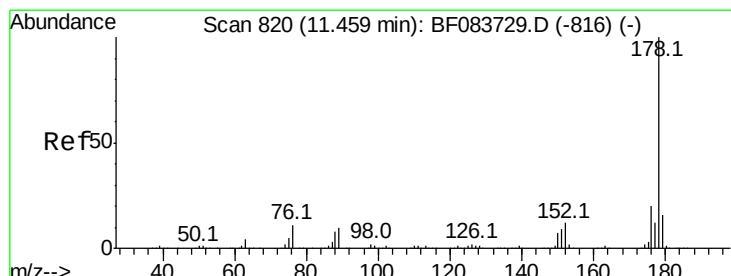
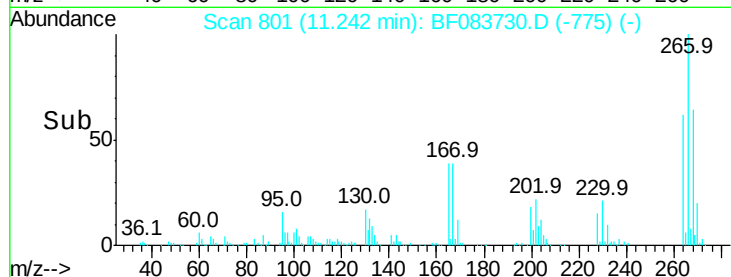
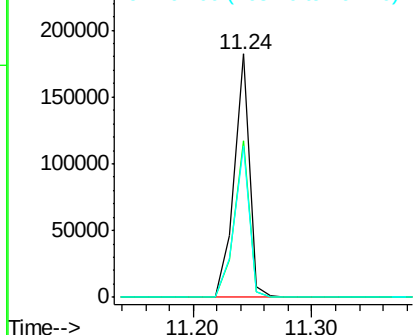
#69
 Pentachlorophenol
 Concen: 56.33 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.8	77.8
264	62.4	49.4	74.2

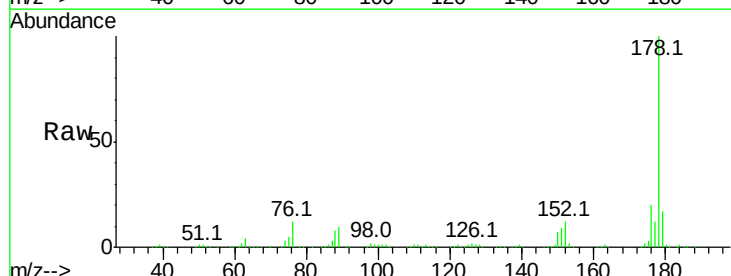


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

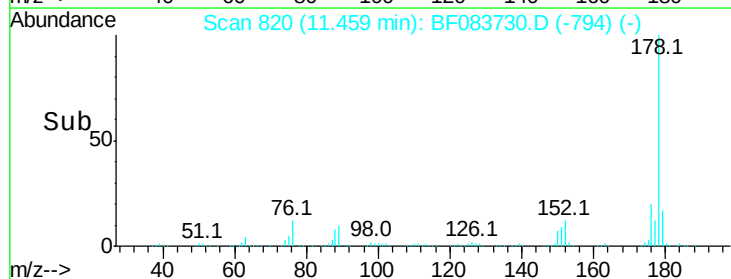
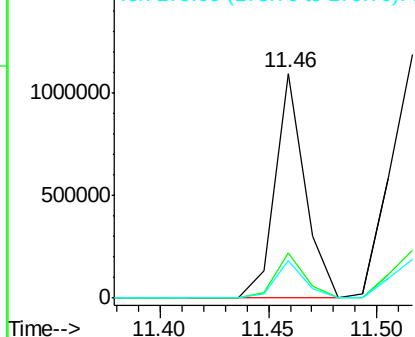


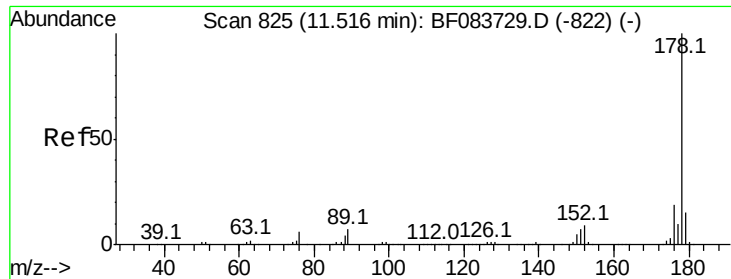
#70
 Phenanthrene
 Concen: 44.44 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.5	12.9	19.3



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

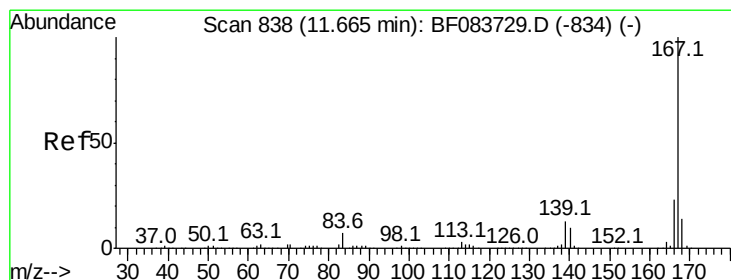
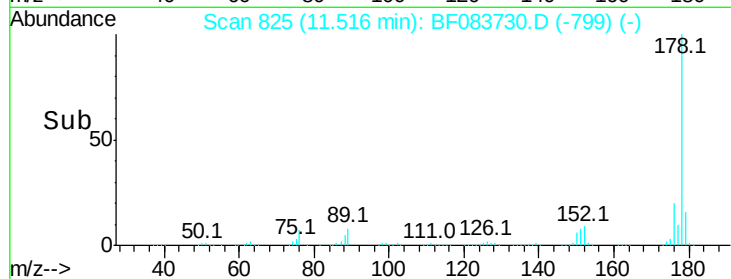
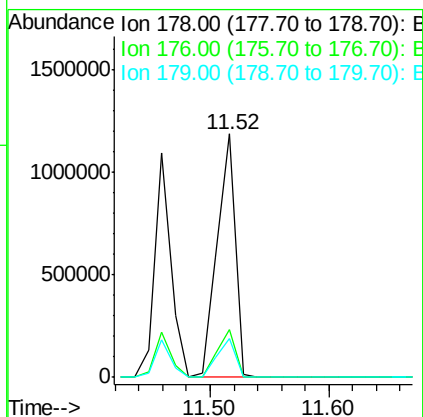
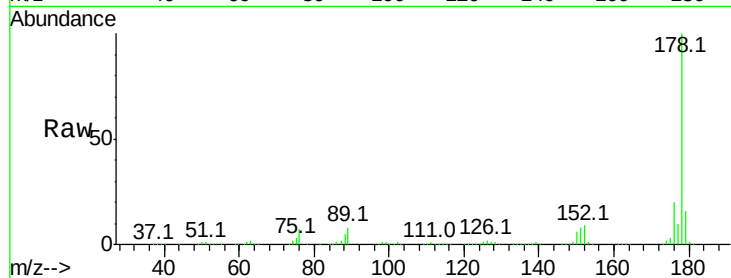




#71
 Anthracene
 Concen: 49.33 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

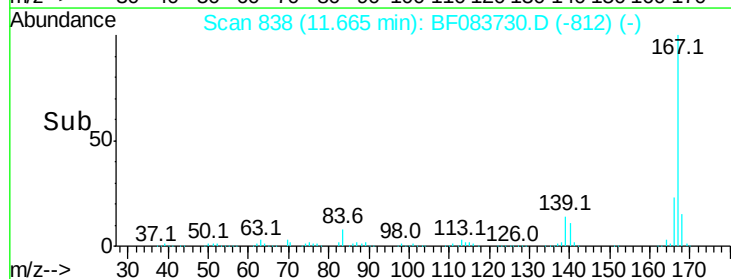
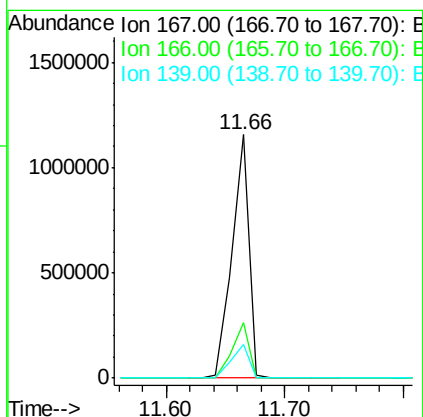
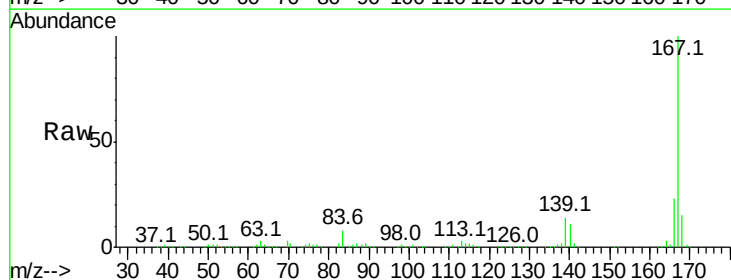
Instrument :
 BNA_F
 ClientSampleId :

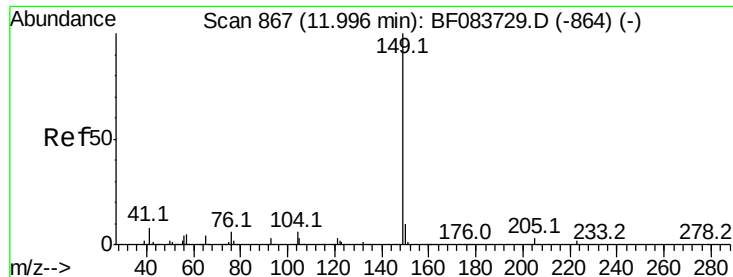
Tot Ion:178 Resp: 1237799
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.9 12.3 18.5



#72
 Carbazole
 Concen: 49.13 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:167 Resp: 1143949
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 13.7 10.2 15.4





#73

Di-n-butylphthalate

Concen: 51.35 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

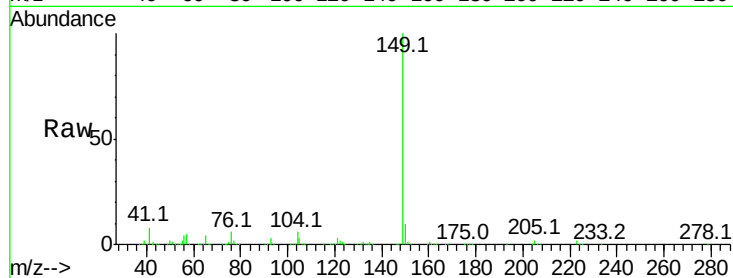
Tot Ion:149 Resp: 1286768

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

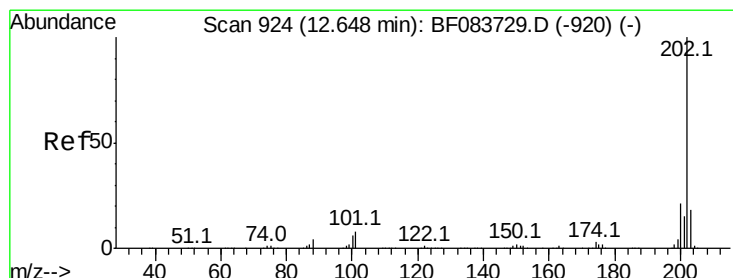
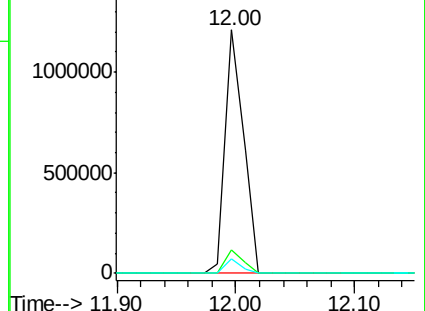
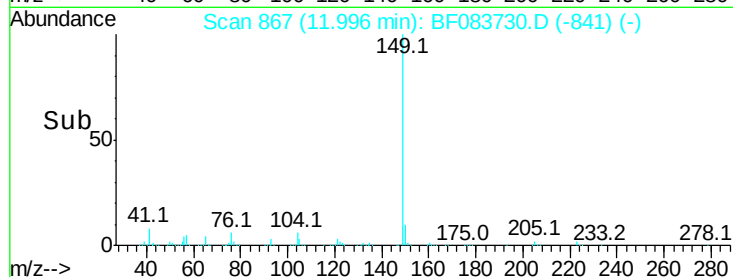
104 5.8 4.6 6.8



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: 47.45 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

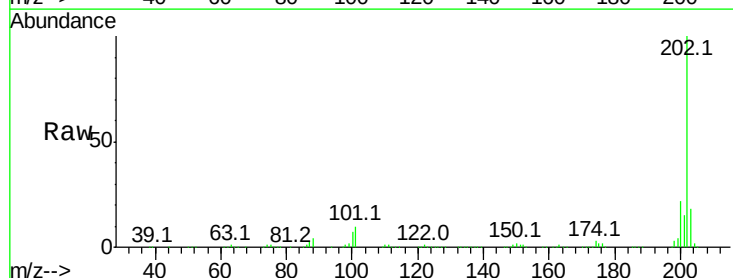
Tgt Ion:202 Resp: 1211271

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.2

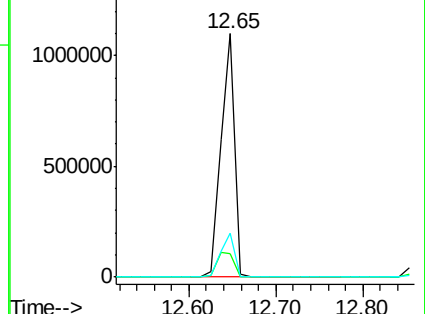
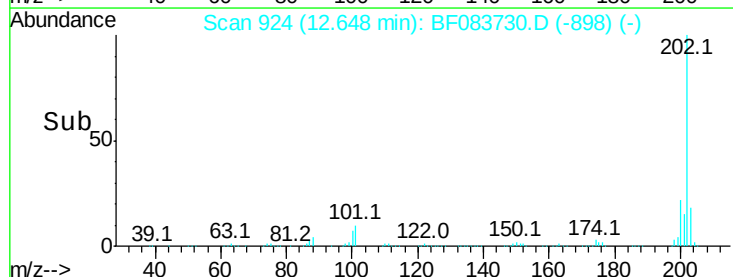
203 18.0 0.0 37.6

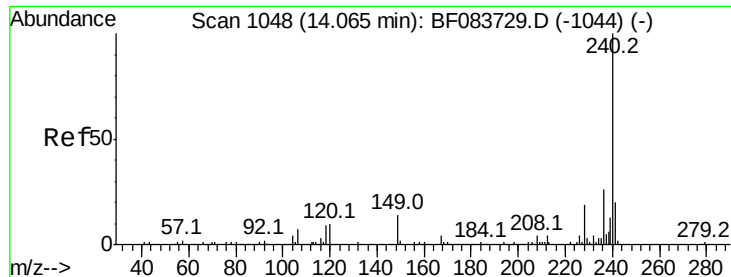


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

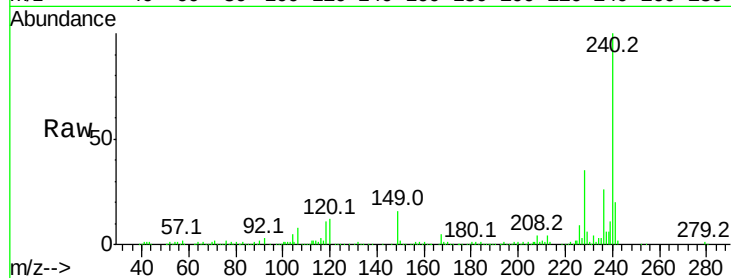
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 293517

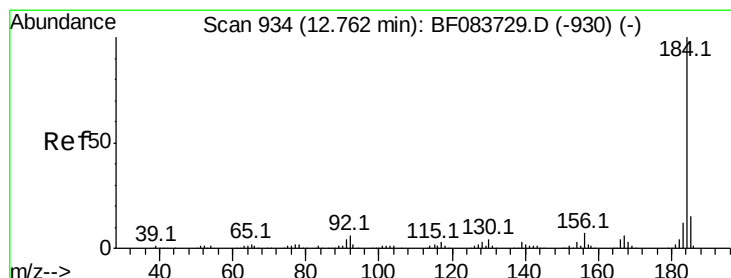
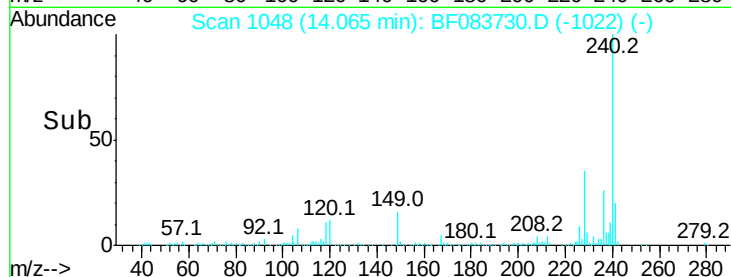
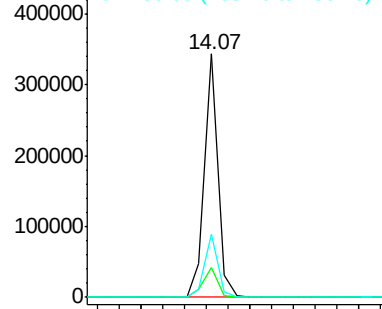
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	25.9	20.6	31.0



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



#76

Benzidine

Concen: 43.62 ng

RT: 12.76 min Scan# 934

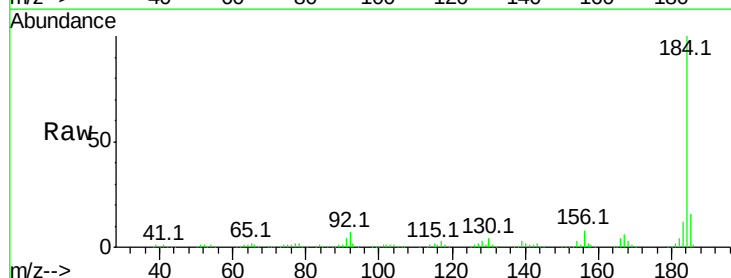
Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Tgt Ion:184 Resp: 484838

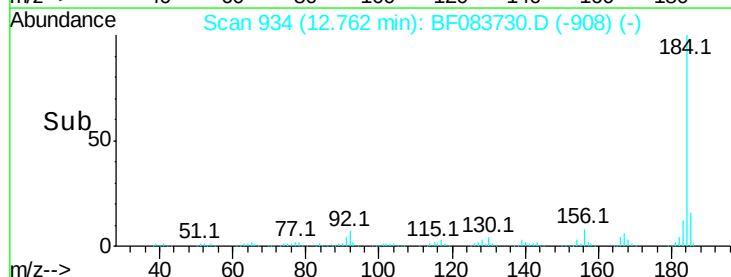
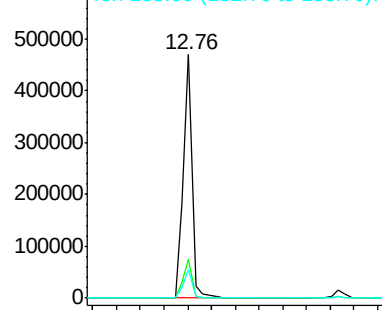
Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.4
183	12.0	9.5	14.3

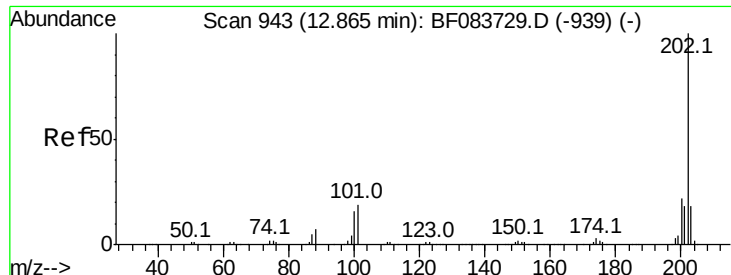


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

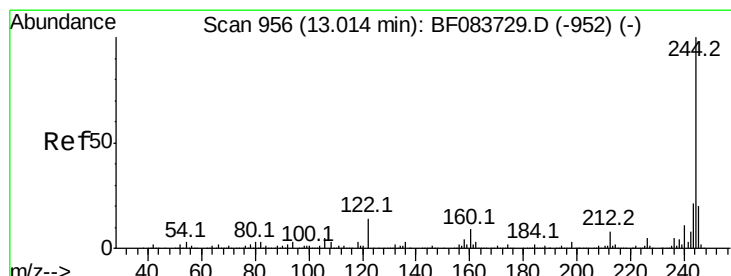
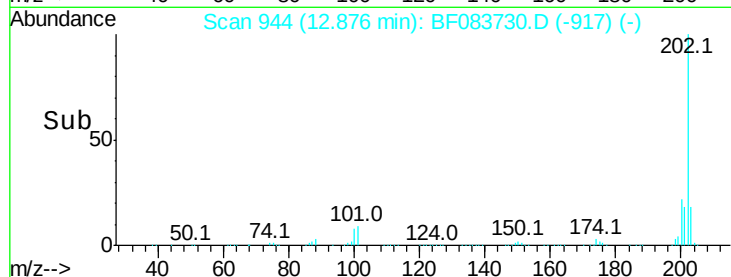
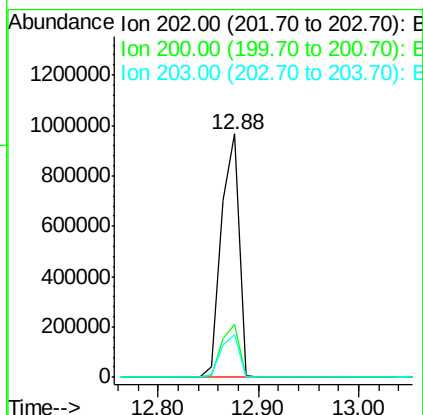
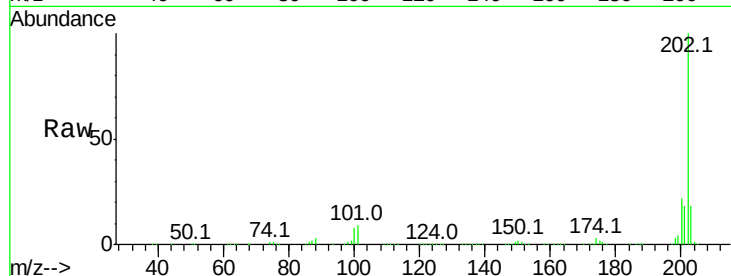




#77
Pvrene
Concen: 50.73 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

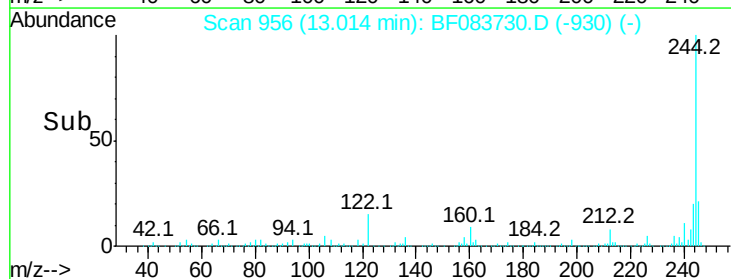
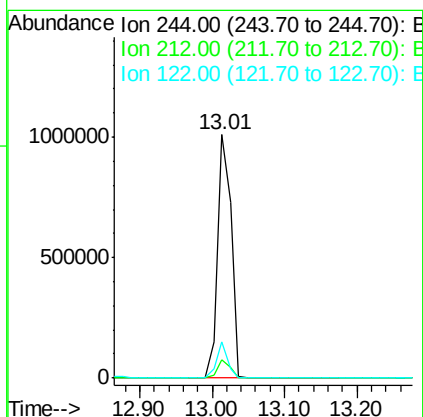
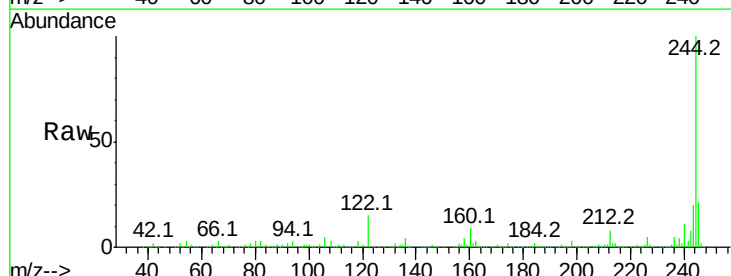
Instrument :
BNA_F
ClientSampleId :

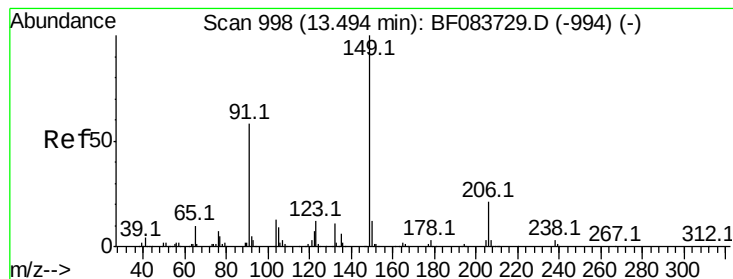
Tot Ion:202 Resp: 1185542
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.7 22.1



#78
Terphenyl-d14
Concen: 99.65 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:244 Resp: 1304574
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.9 11.6 17.4





#79

Butylbenzylphthalate

Concen: 67.33 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

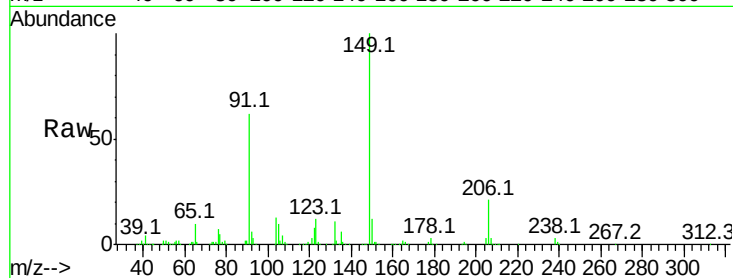
Tot Ion:149 Resp: 531072

Ion Ratio Lower Upper

149 100

91 61.7 46.6 70.0

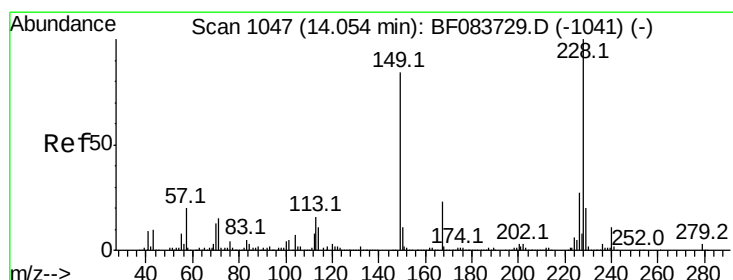
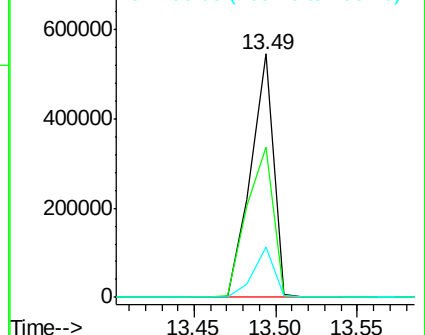
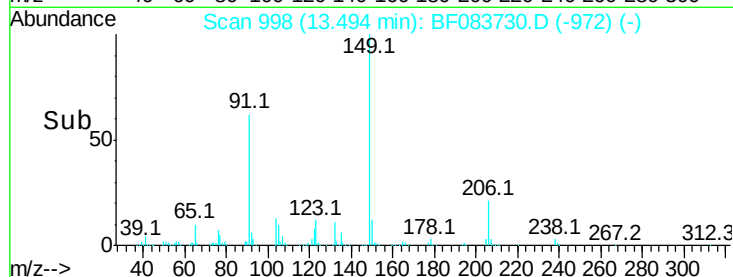
206 20.5 16.5 24.7



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: 48.72 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

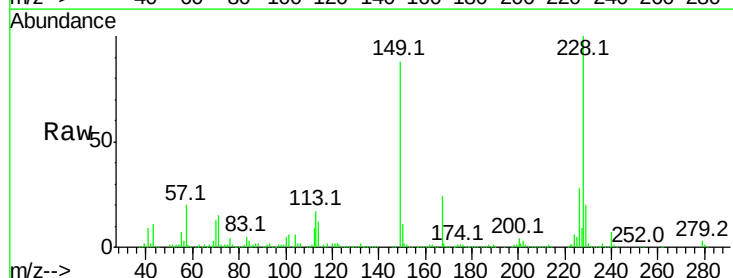
Tgt Ion:228 Resp: 837523

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

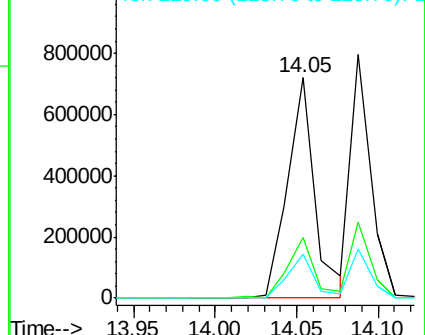
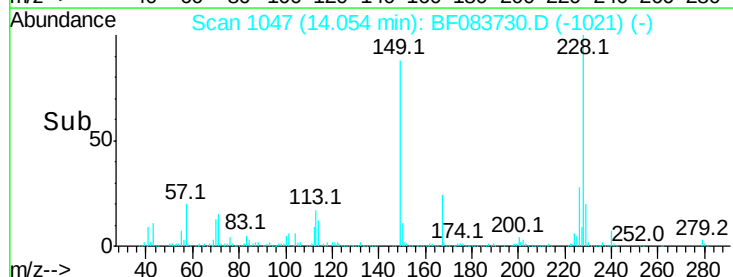
229 20.2 15.8 23.8

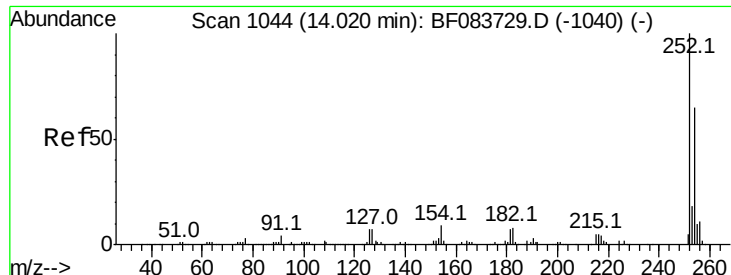


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

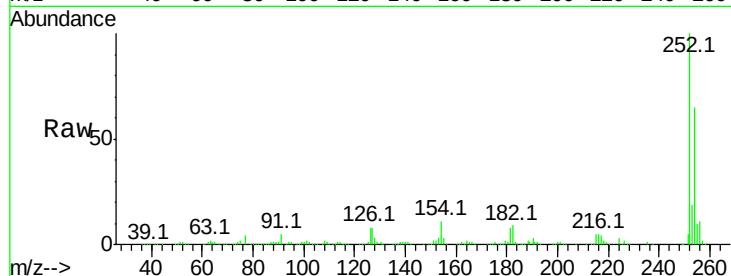




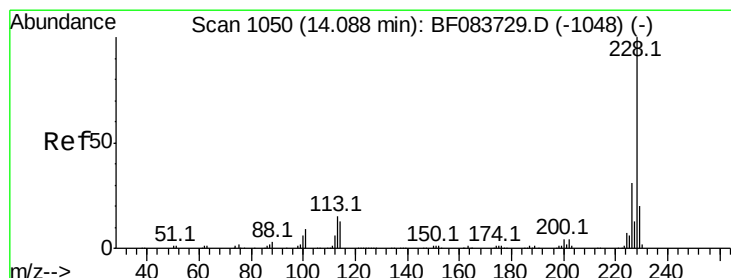
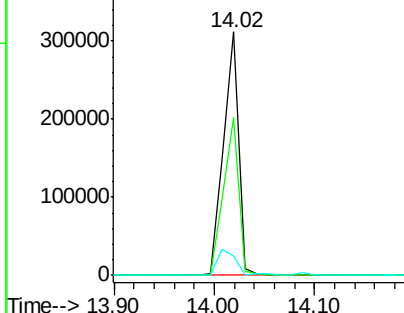
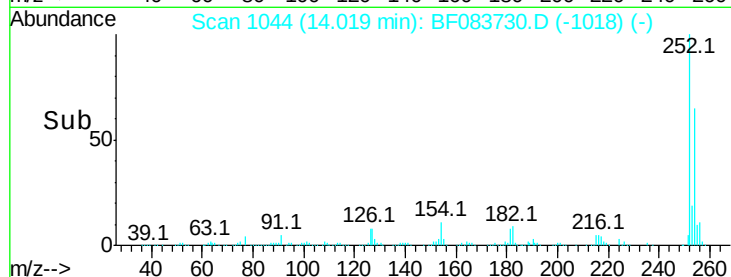
#81
 3,3'-Dichlorobenzidine
 Concen: 58.13 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 326484
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.2 78.2
 126 8.2 5.5 8.3

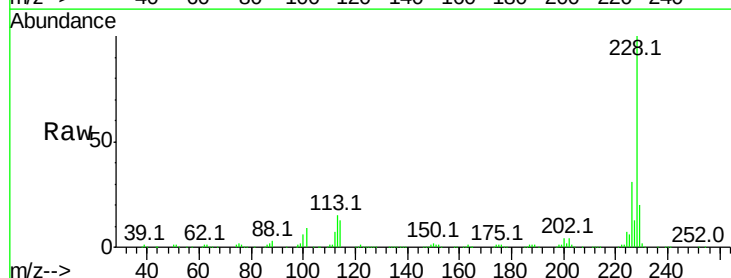


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

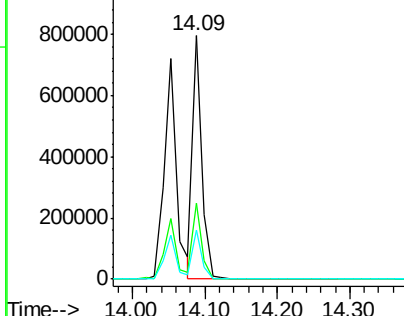
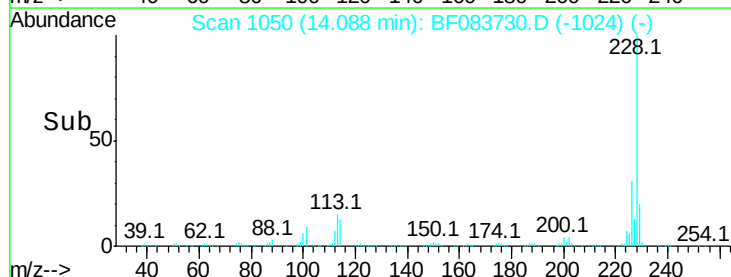


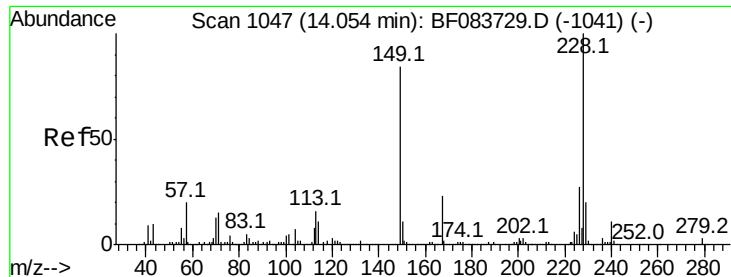
#82
 Chrysene
 Concen: 43.03 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion:228 Resp: 708653
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 20.2 16.2 24.2



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

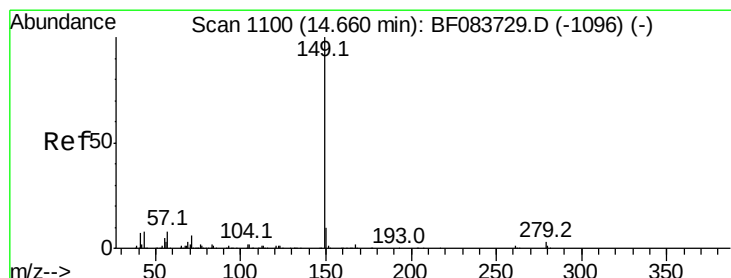
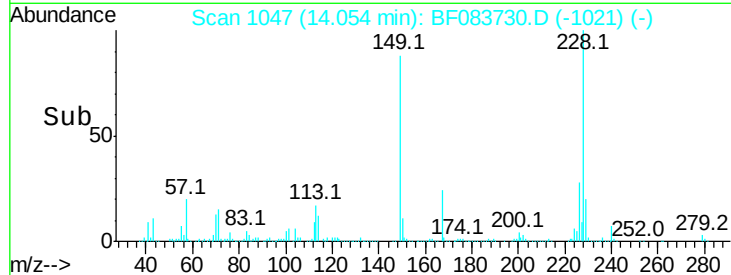
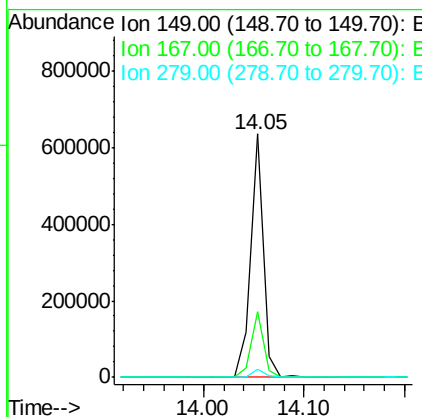
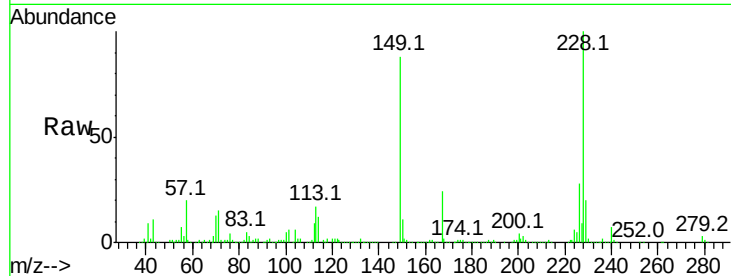




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.82 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

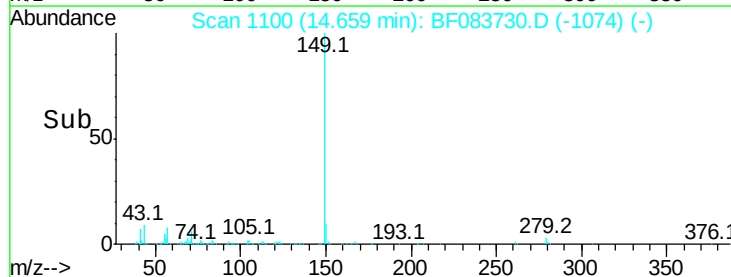
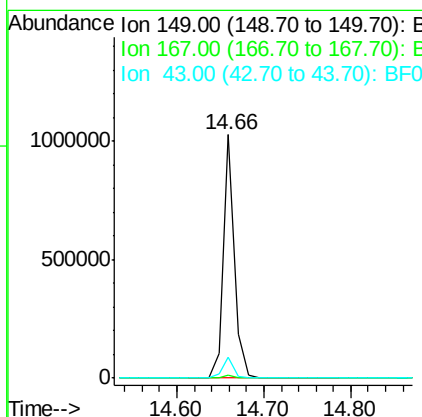
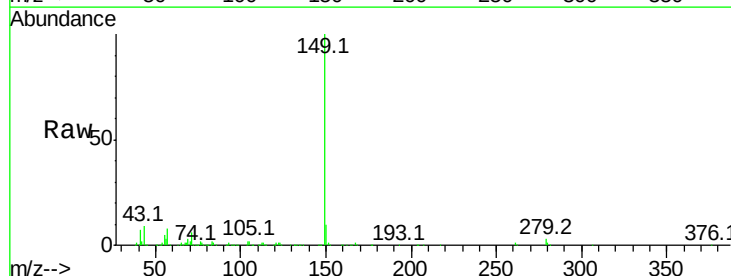
Instrument :
 BNA_F
 ClientSampleId :

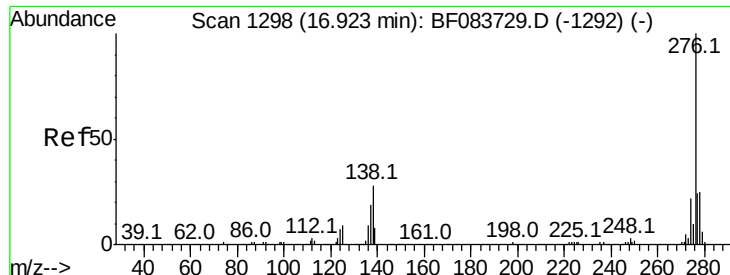
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.4	2.5	3.7



#84
 Di-n-octyl phthalate
 Concen: 69.65 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	7.4	11.0

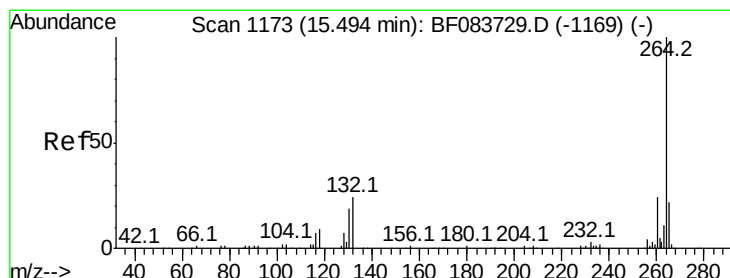
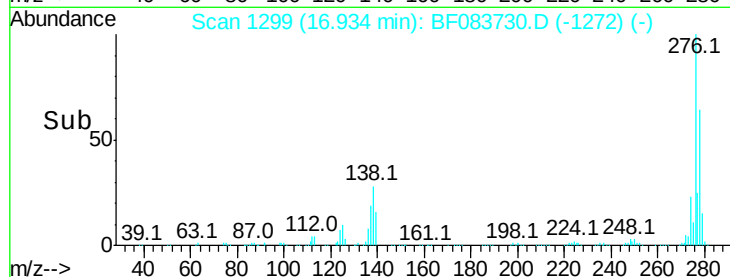
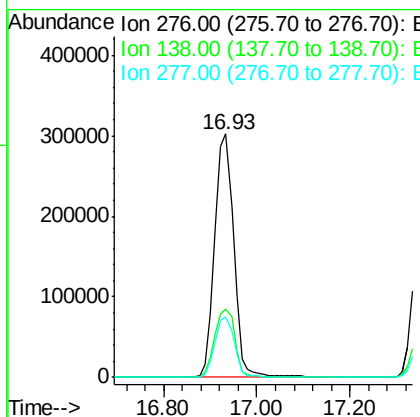
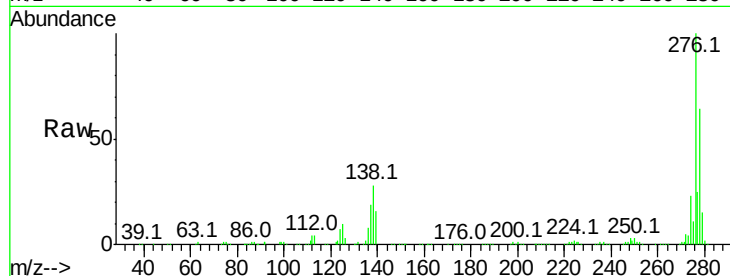




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.31 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

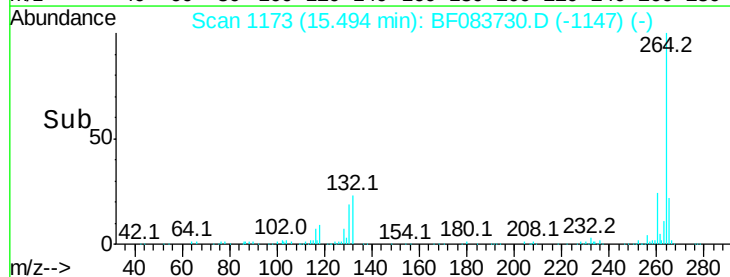
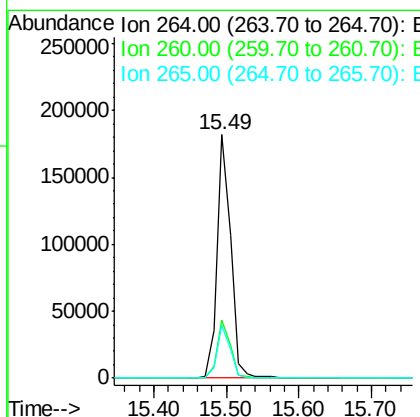
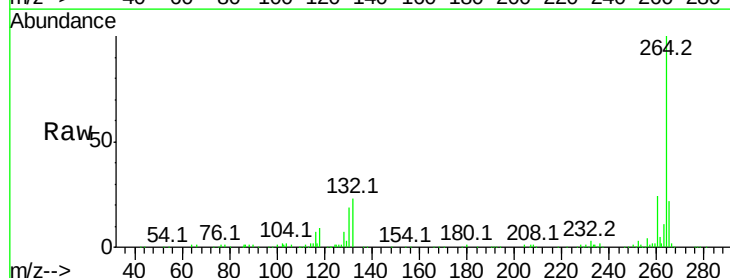
Instrument :
 BNA_F
 ClientSampleId :

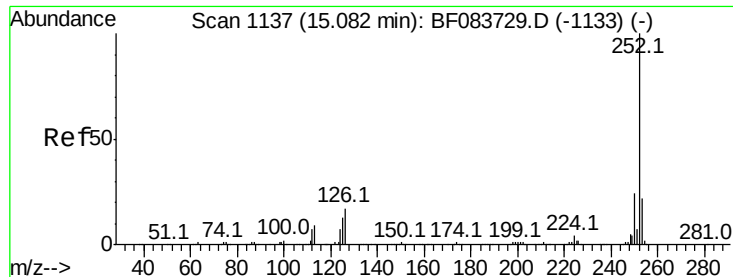
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.1	37.7
277	25.3	20.3	30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF083730.D
 Acq: 13 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.9	17.7	26.5

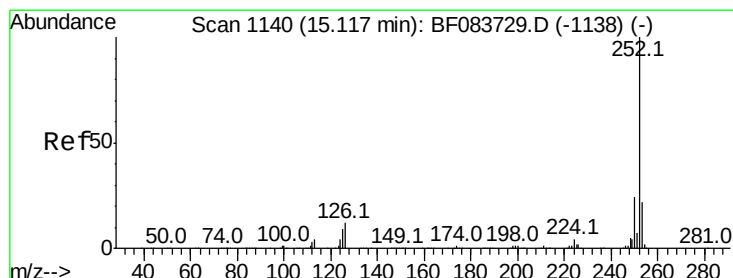
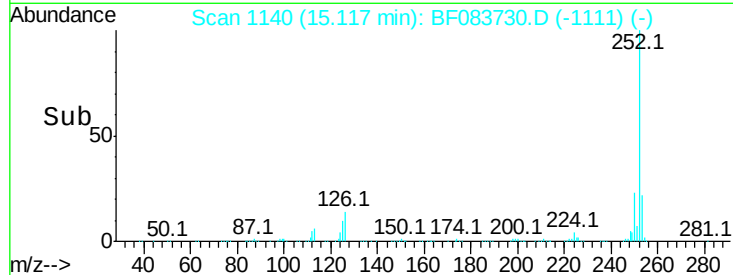
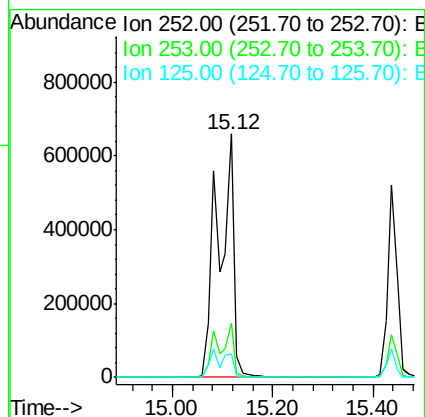
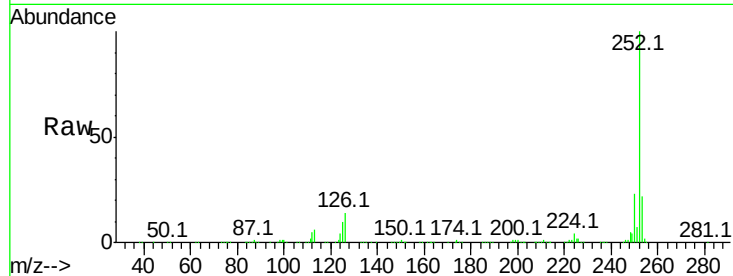




#87
Benzo(b)fluoranthene
Concen: 96.03 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.03 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

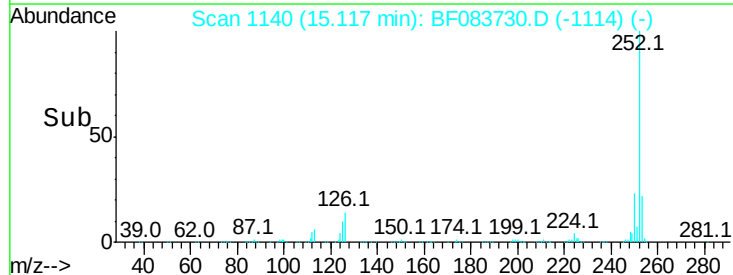
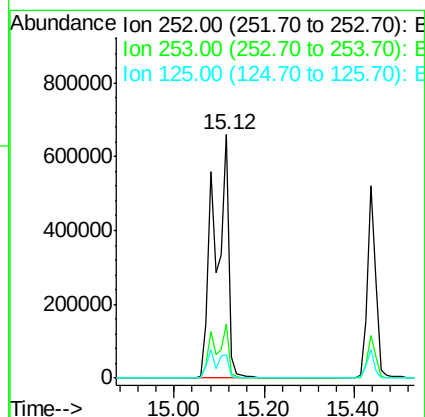
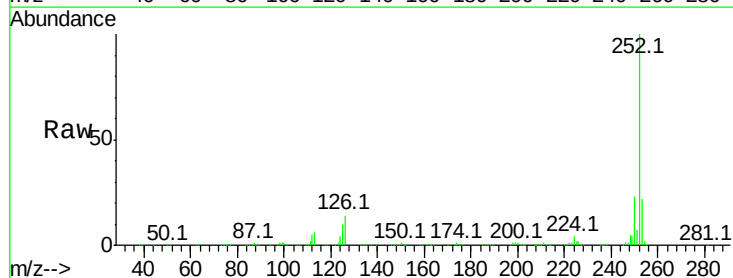
Instrument :
BNA_F
ClientSampleId :

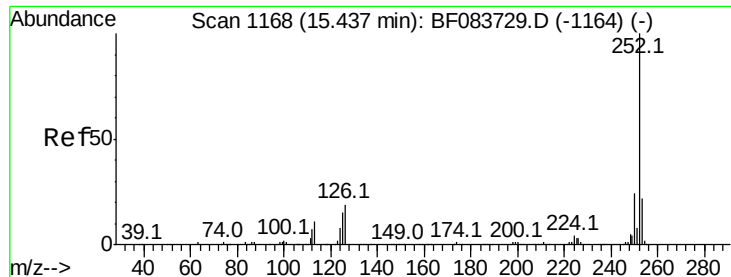
Tot Ion:252 Resp: 1435711
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.7 10.1 15.1#



#88
Benzo(k)fluoranthene
Concen: 100.41 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF083730.D
Acq: 13 Dec 2015 15:41

Tgt Ion:252 Resp: 1436688
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.7 7.0 10.4





#89

Benzo(a)pyrene

Concen: 50.48 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

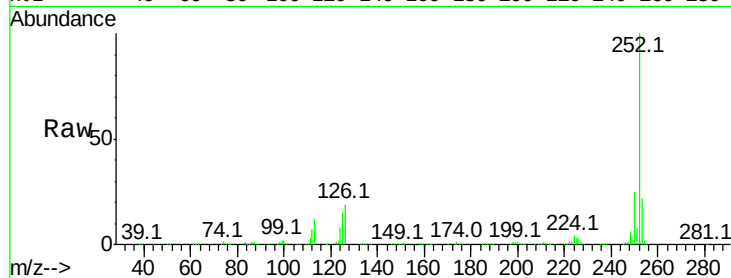
Tot Ion:252 Resp: 680234

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

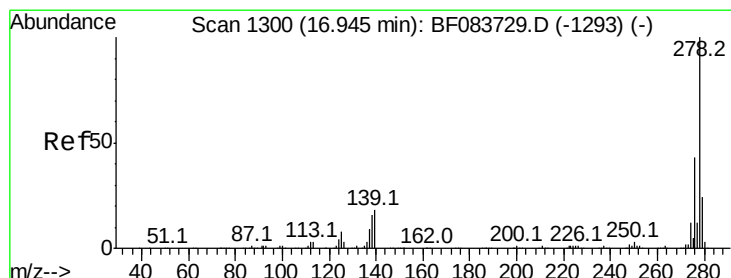
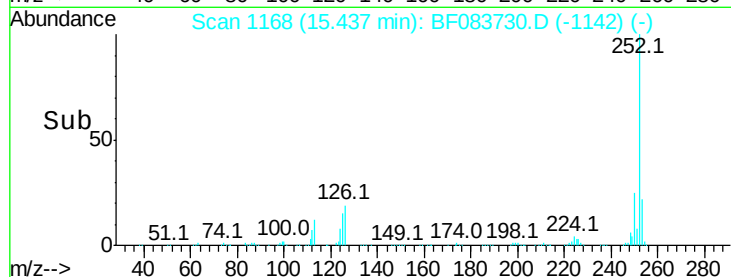
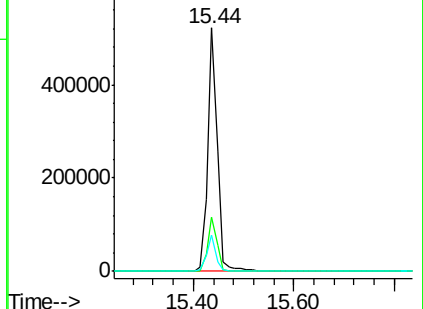
125 15.1 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.09 ng

RT: 16.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

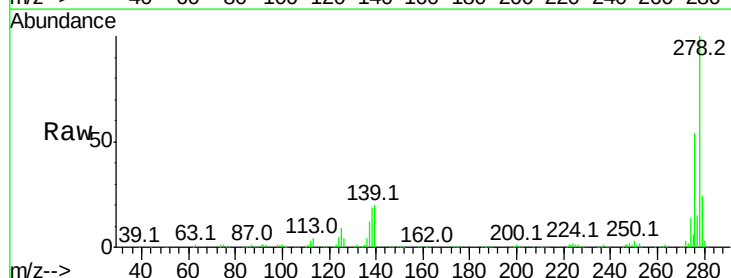
Tgt Ion:278 Resp: 716337

Ion Ratio Lower Upper

278 100

139 20.0 14.4 21.6

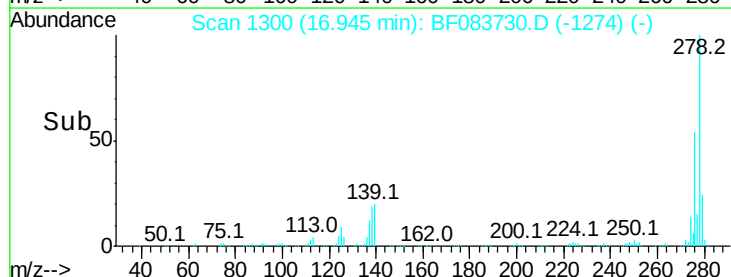
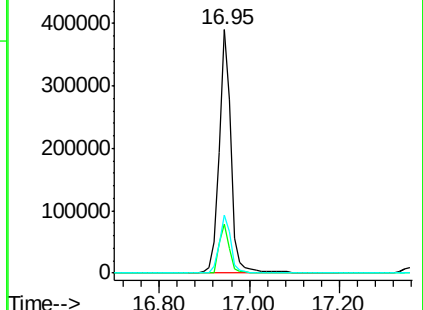
279 23.6 19.0 28.6

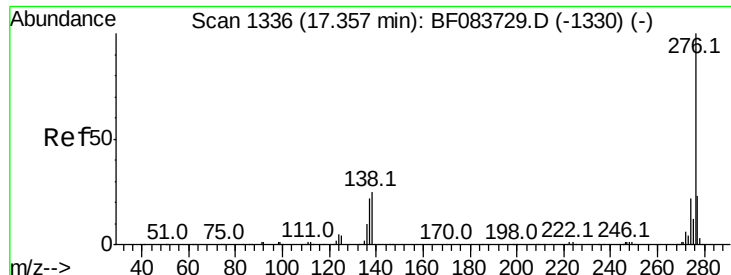


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.25 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.00 min

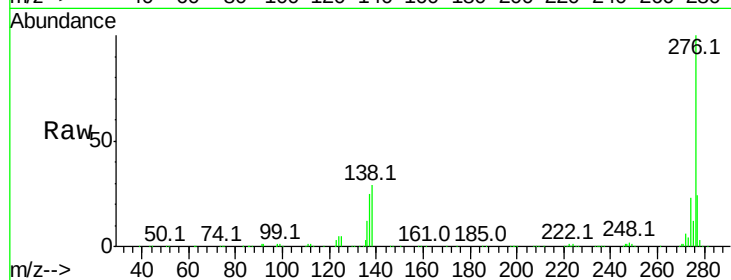
Lab File: BF083730.D

Acq: 13 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :



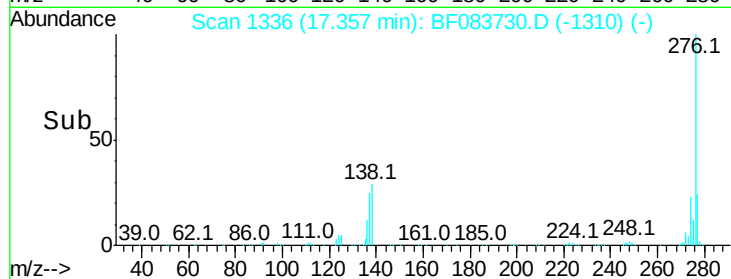
Tot Ion:276 Resp: 729197

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 28.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

