

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083437.D
 Acq On : 3 Dec 2015 1:37
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 03 02:55:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	590799	20.00	ng	0.15
21) Naphthalene-d8	7.84	136	677941	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	336050	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	613036	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	431154	20.00	ng	-0.02
86) Perylene-d12	16.80	264	387667	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	927874	23.57	ng	-0.01
7) Phenol-d6	6.33	99	37429	0.69	ng	0.10
23) Nitrobenzene-d5	7.12	82	1116496	72.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	237190	70.31	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1676092	71.08	ng	-0.01
78) Terphenyl-d14	13.20	244	1577747	87.27	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	221843	10.41	ng	97
3) Pyridine	2.54	79	610127	11.44	ng	97
4) n-Nitrosodimethylamine	2.51	42	302194	11.51	ng	91
6) Aniline	6.20	93	842890	11.43	ng	96
8) 2-Chlorophenol	6.33	128	494052	11.38	ng	91
9) Benzaldehyde	6.08	77	310843	9.49	ng	94
10) Phenol	6.22	94	718213	11.08	ng	89
11) bis(2-Chloroethyl)ether	6.29	93	548626	11.63	ng	90
12) 1,3-Dichlorobenzene	6.56	146	565704	11.72	ng	98
13) 1,4-Dichlorobenzene	6.72	146	522893	10.48	ng	98
14) 1,2-Dichlorobenzene	6.72	146	522893	11.42	ng	97
15) Benzyl Alcohol	6.70	79	463549	11.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	951823	11.50	ng	78
17) 2-Methylphenol	6.99	107	574344	15.87	ng	# 68
18) Hexachloroethane	7.05	117	195664	11.29	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	443091	11.50	ng	92
20) 3+4-Methylphenols	6.99	107	574344	11.71	ng	93
22) Acetophenone	6.97	105	764234	37.68	ng	# 95
24) Nitrobenzene	7.14	77	675261	41.00	ng	93
25) Isophorone	7.38	82	1108198	37.10	ng	99
26) 2-Nitrophenol	7.46	139	271213	40.34	ng	# 74
27) 2,4-Dimethylphenol	7.52	122	433712	38.49	ng	96
28) bis(2-Chloroethoxy)methane	7.60	93	621461	36.53	ng	99
29) 2,4-Dichlorophenol	7.71	162	410403	37.87	ng	91
30) 1,2,4-Trichlorobenzene	7.78	180	461977	39.16	ng	97
31) Naphthalene	7.85	128	1361127	37.00	ng	99
32) Benzoic acid	7.68	122	298722	38.43	ng	92
33) 4-Chloroaniline	7.92	127	595860	37.58	ng	94
34) Hexachlorobutadiene	7.98	225	252838	37.75	ng	97
35) Caprolactam	8.30	113	136391	39.83	ng	# 84
36) 4-Chloro-3-methylphenol	8.42	107	455131	37.44	ng	89
37) 2-Methylnaphthalene	8.54	142	962643	39.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	393329	36.92	ng	98
40) Hexachlorocyclopentadiene	8.70	237	96513	19.07	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

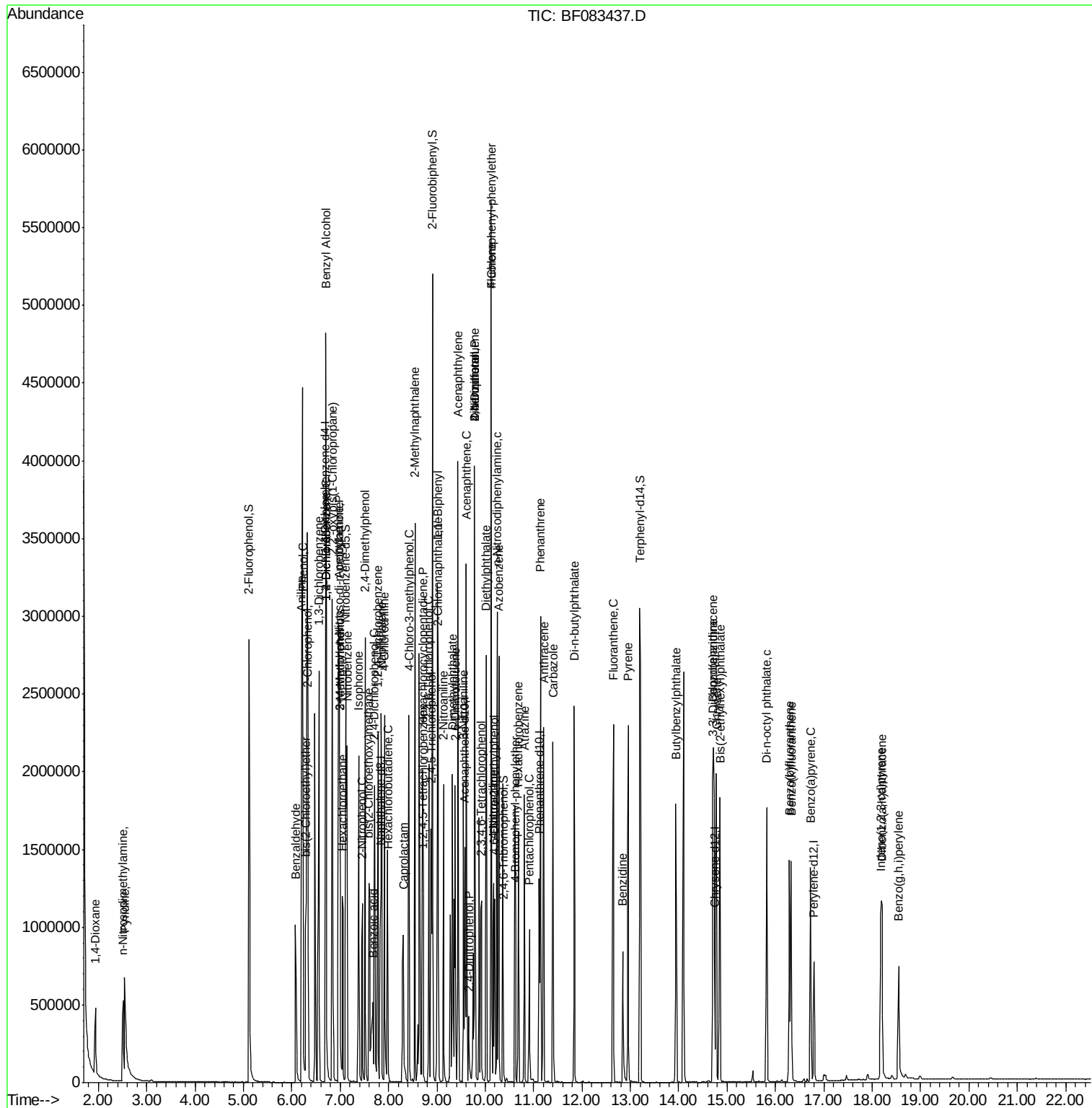
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	284284	38.05	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	298399	38.54	ng	# 90
45) 1,1'-Biphenyl	9.01	154	1130857	38.37	ng	99
46) 2-Chloronaphthalene	9.02	162	804119	35.81	ng	98
47) 2-Nitroaniline	9.14	65	358708	40.33	ng	88
48) Acenaphthylene	9.44	152	1281000	35.76	ng	99
49) Dimethylphthalate	9.32	163	964521	35.32	ng	99
50) 2,6-Dinitrotoluene	9.38	165	201093	34.48	ng	86
51) Acenaphthene	9.61	154	742657	35.25	ng	99
52) 3-Nitroaniline	9.55	138	248026	36.28	ng	95
53) 2,4-Dinitrophenol	9.66	184	71649	24.43	ng	# 76
54) Dibenzofuran	9.78	168	1053287	34.11	ng	99
55) 4-Nitrophenol	9.78	139	547300	128.00	ng	# 1
56) 2,4-Dinitrotoluene	9.78	165	260423	35.19	ng	88
57) Fluorene	10.12	166	868761	35.63	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222073	35.55	ng	98
59) Diethylphthalate	10.02	149	1000475	38.43	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	424133	37.86	ng	99
61) 4-Nitroaniline	10.17	138	271748	39.73	ng	97
62) Azobenzene	10.28	77	1218716	38.76	ng	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	135838	33.00	ng	91
65) n-Nitrosodiphenylamine	10.25	169	867195	40.25	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	259593	38.71	ng	95
67) Hexachlorobenzene	10.68	284	276977	37.35	ng	# 70
68) Atrazine	10.81	200	209683	35.19	ng	99
69) Pentachlorophenol	10.91	266	138772	35.73	ng	98
70) Phenanthrene	11.14	178	1302752	35.91	ng	98
71) Anthracene	11.21	178	1407178	38.53	ng	100
72) Carbazole	11.40	167	1212562	36.95	ng	99
73) Di-n-butylphthalate	11.84	149	1510197	38.83	ng	100
74) Fluoranthene	12.65	202	1305182	34.71	ng	95
76) Benzidine	12.84	184	471258	36.70	ng	100
77) Pyrene	12.96	202	1295086	43.01	ng	99
79) Butylbenzylphthalate	13.94	149	582593	45.61	ng	95
80) Benzo(a)anthracene	14.72	228	1027200	38.89	ng	100
81) 3,3'-Dichlorobenzidine	14.71	252	327814	39.73	ng	98
82) Chrysene	14.77	228	939789	36.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	795305	46.41	ng	99
84) Di-n-octyl phthalate	15.81	149	1243529	48.74	ng	100
85) Indeno(1,2,3-cd)pyrene	18.18	276	818286	44.02	ng	100
87) Benzo(b)fluoranthene	16.28	252	917241	36.87	ng	98
88) Benzo(k)fluoranthene	16.33	252	845254	35.99	ng	99
89) Benzo(a)pyrene	16.73	252	821134	38.43	ng	99
90) Dibenzo(a,h)anthracene	18.20	278	704639	37.85	ng	98
91) Benzo(g,h,i)perylene	18.55	276	607208	33.23	ng	97

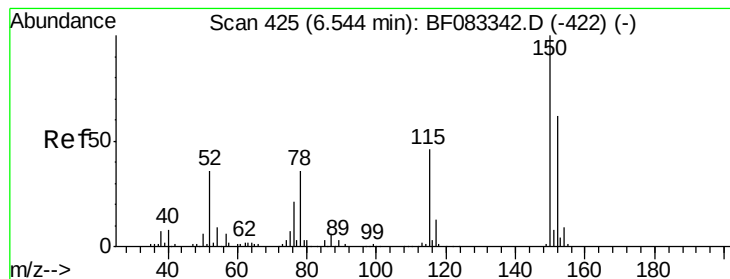
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\  
Data File : BF083437.D  
Acq On    : 3 Dec 2015    1:37  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 03 02:55:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

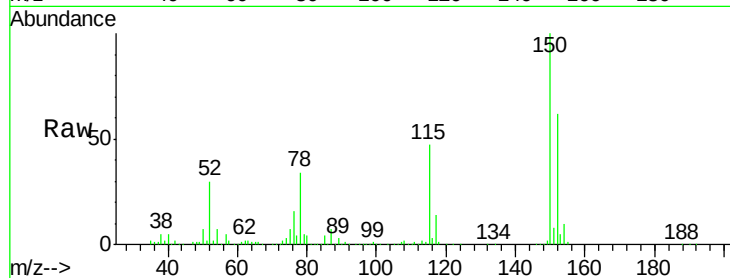
Tgt Ion:152 Resp: 590799

Ion Ratio Lower Upper

152 100

150 160.1 129.8 194.8

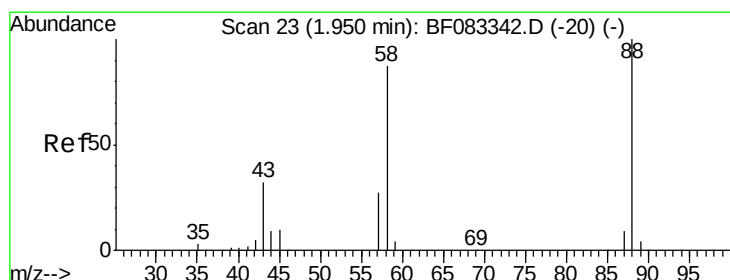
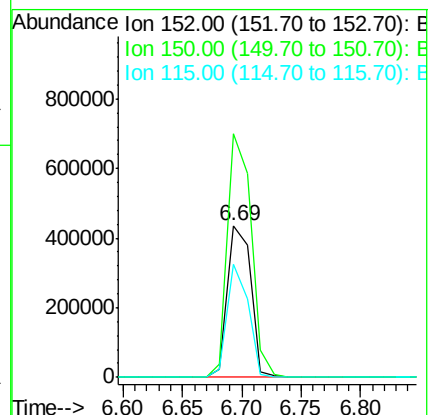
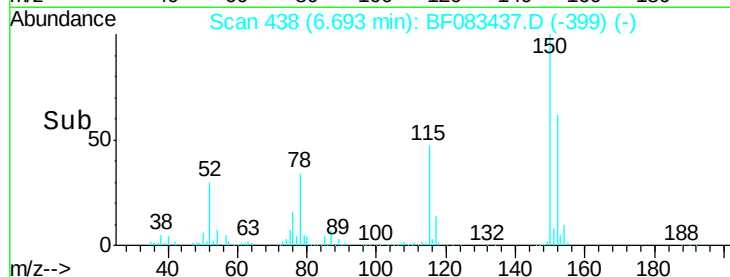
115 74.6 59.2 88.8



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: 10.41 ng

RT: 1.94 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

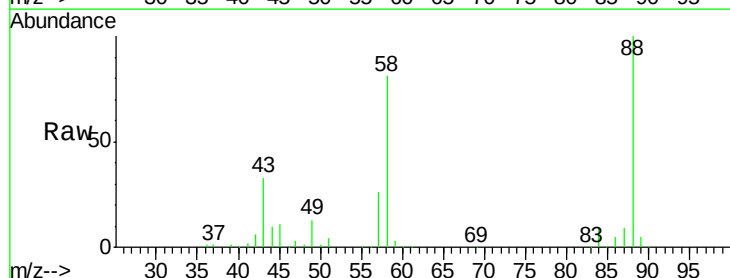
Tgt Ion: 88 Resp: 221843

Ion Ratio Lower Upper

88 100

58 85.7 66.6 100.0

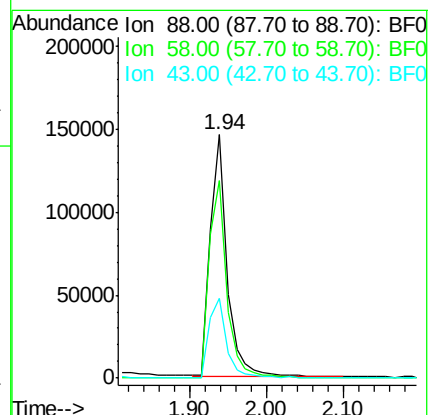
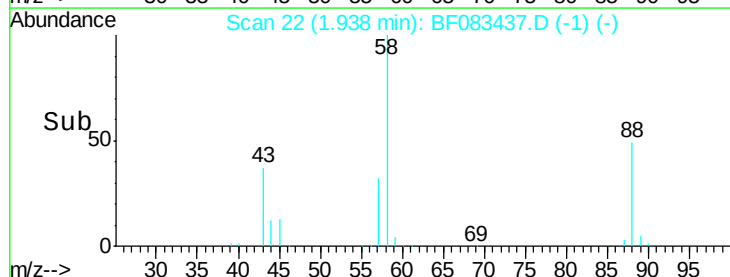
43 35.1 27.1 40.7

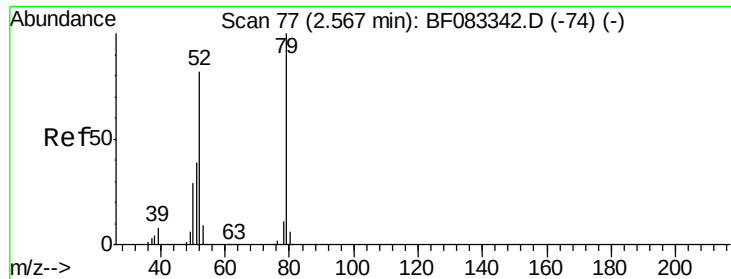


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.44 ng

RT: 2.54 min Scan# 75

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

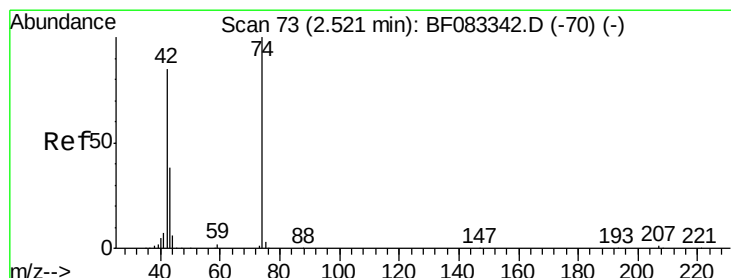
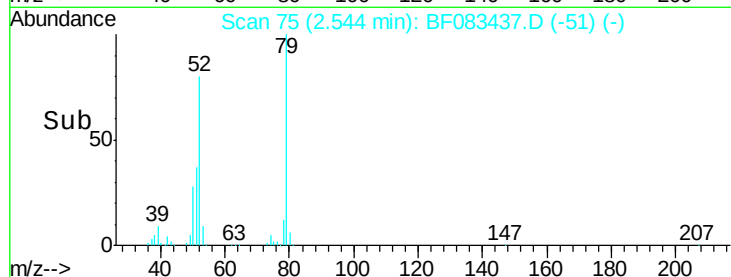
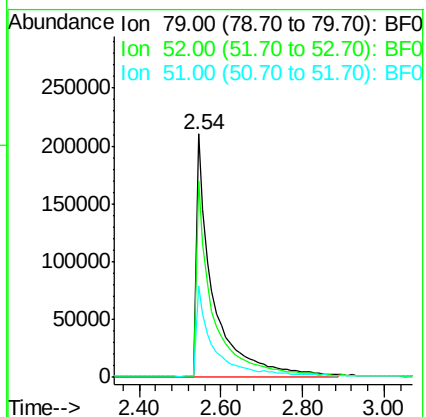
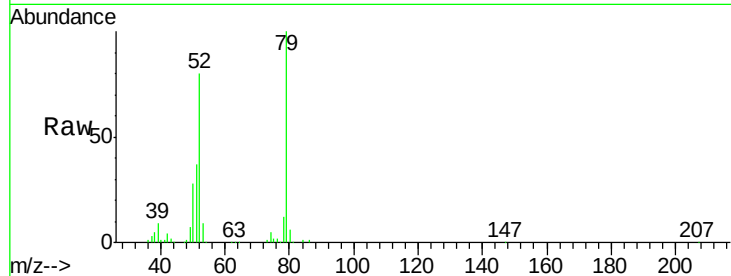
Tgt Ion: 79 Resp: 610127

Ion Ratio Lower Upper

79 100

52 80.4 65.9 98.9

51 37.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 11.51 ng

RT: 2.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

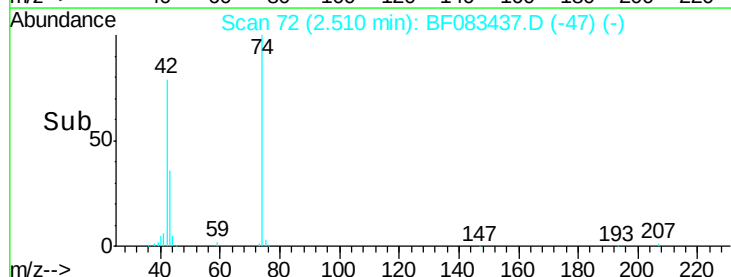
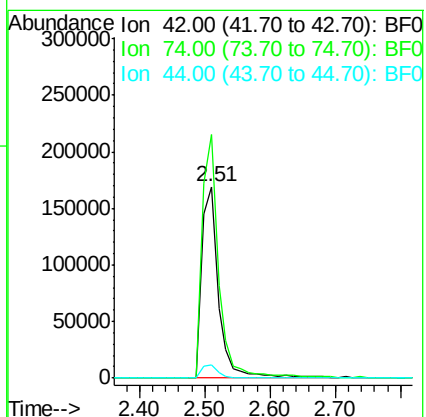
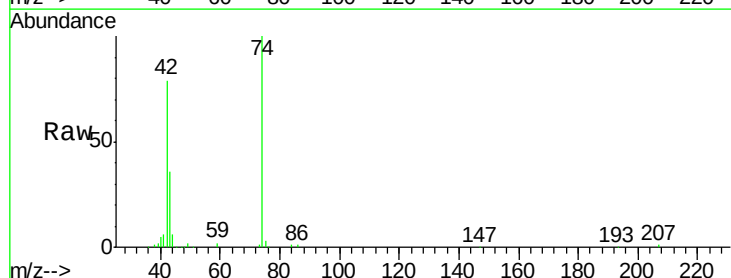
Tgt Ion: 42 Resp: 302194

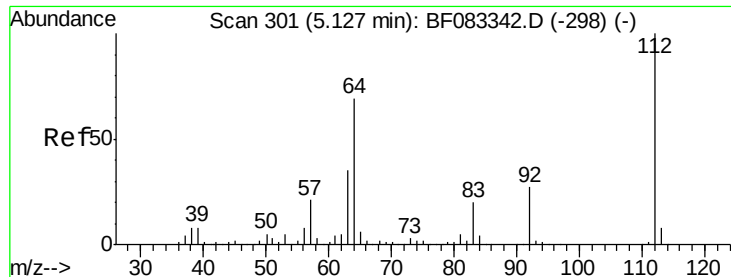
Ion Ratio Lower Upper

42 100

74 127.3 93.7 140.5

44 7.1 5.6 8.4





#5

2-Fluorophenol

Concen: 23.57 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

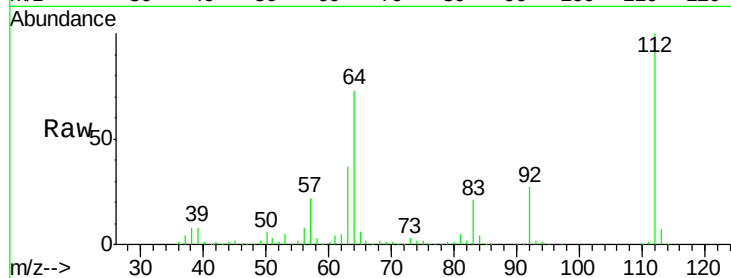
Tgt Ion: 112 Resp: 927874

Ion Ratio Lower Upper

112 100

64 73.0 55.6 83.4

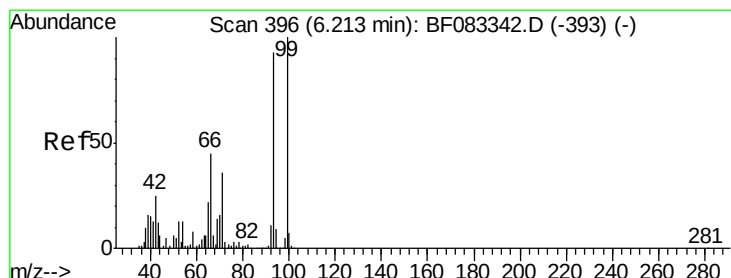
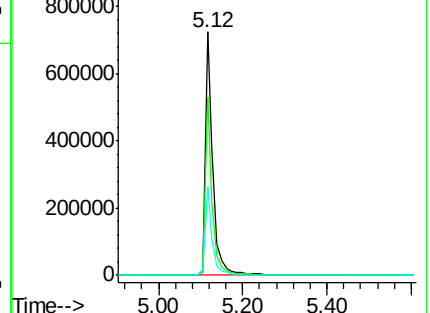
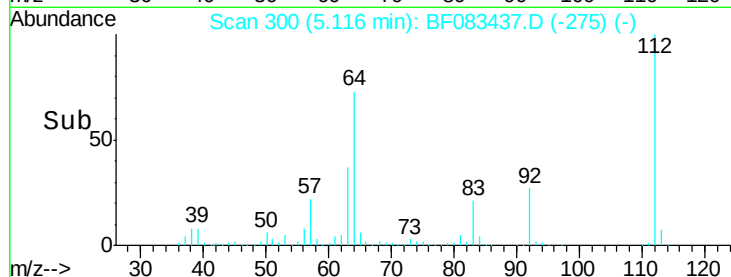
63 36.7 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.43 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

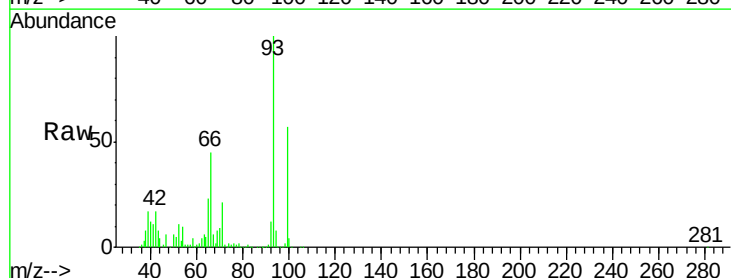
Tgt Ion: 93 Resp: 842890

Ion Ratio Lower Upper

93 100

66 45.1 38.7 58.1

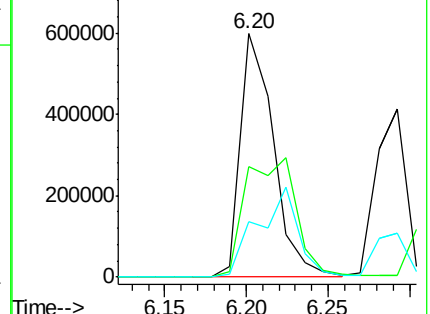
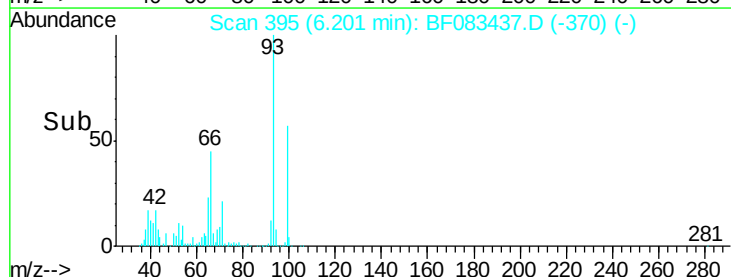
65 22.6 19.0 28.6

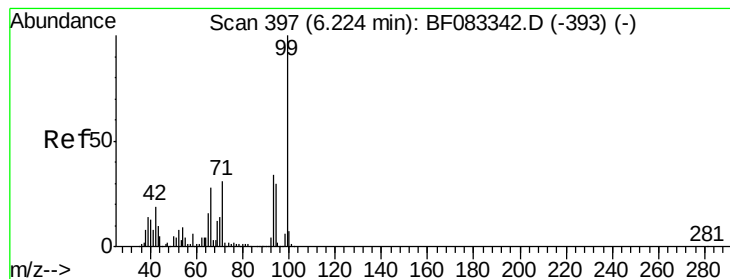


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 0.69 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.10 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

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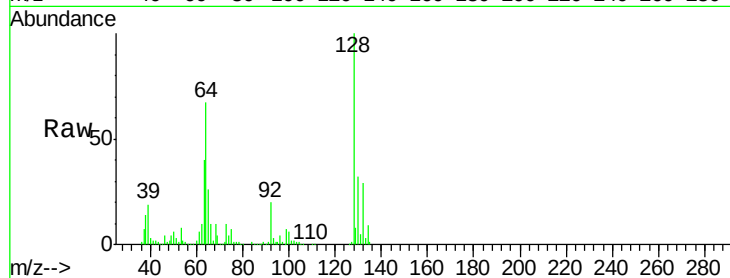
Tgt Ion: 99 Resp: 37429

Ion Ratio Lower Upper

99 100

42 34.9 14.9 22.3#

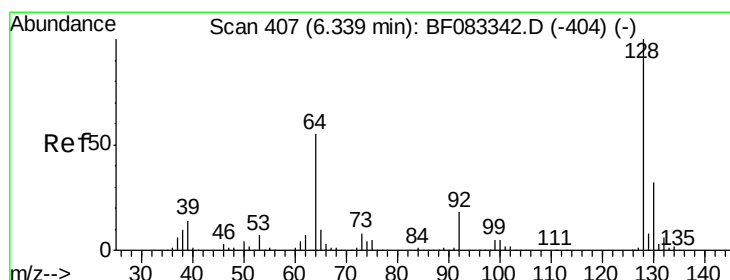
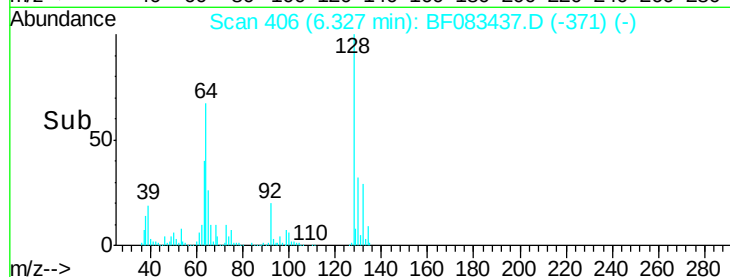
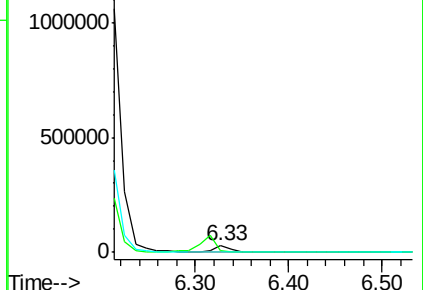
71 5.6 24.7 37.1#



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: 11.38 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

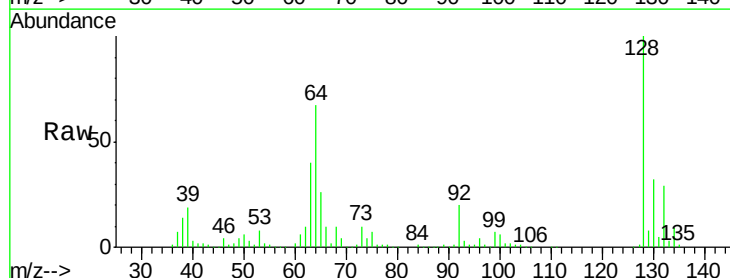
Tgt Ion: 128 Resp: 494052

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

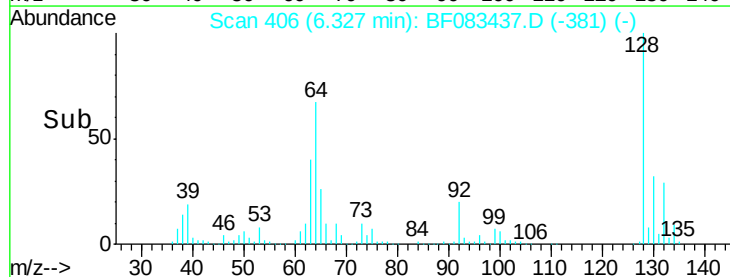
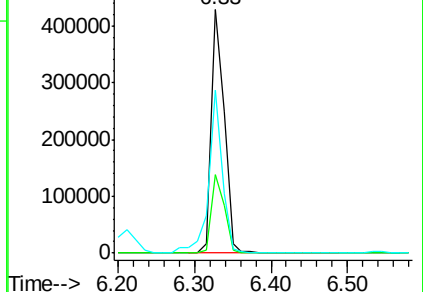
64 67.0 36.4 76.4

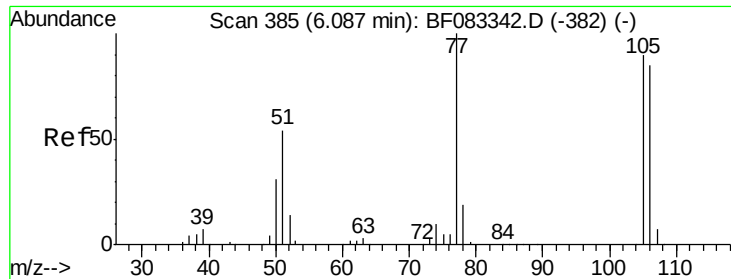


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.49 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

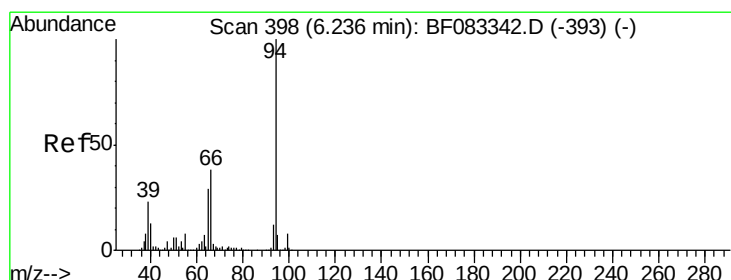
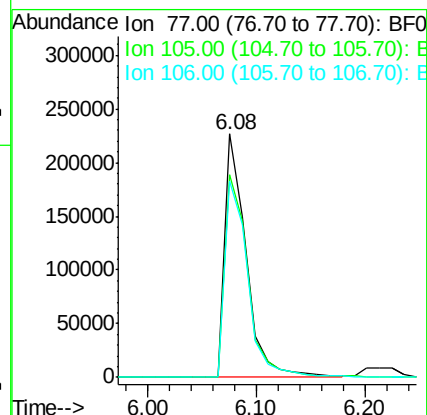
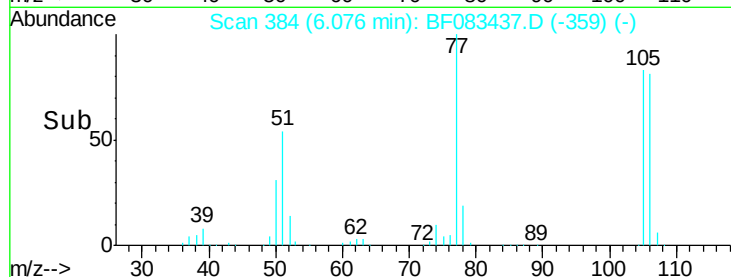
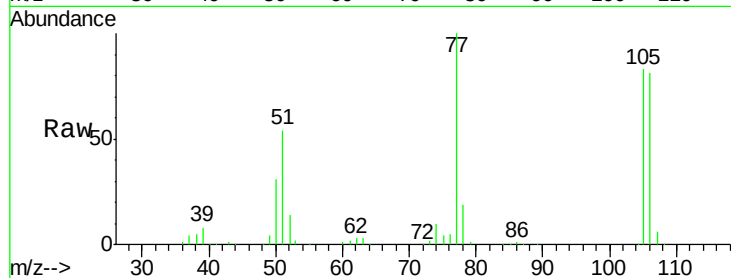
Tgt Ion: 77 Resp: 310843

Ion Ratio Lower Upper

77 100

105 83.4 70.0 110.0

106 80.6 65.0 105.0



#10

Phenol

Concen: 11.08 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

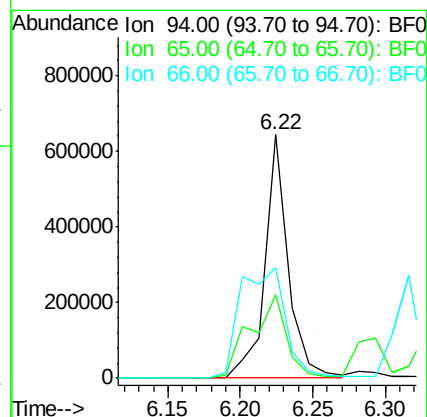
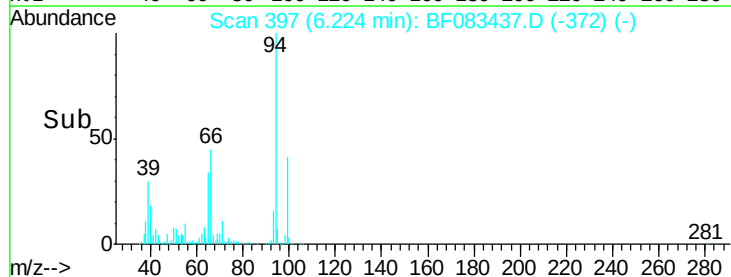
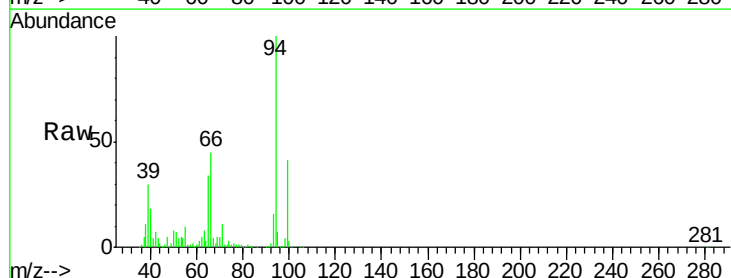
Tgt Ion: 94 Resp: 718213

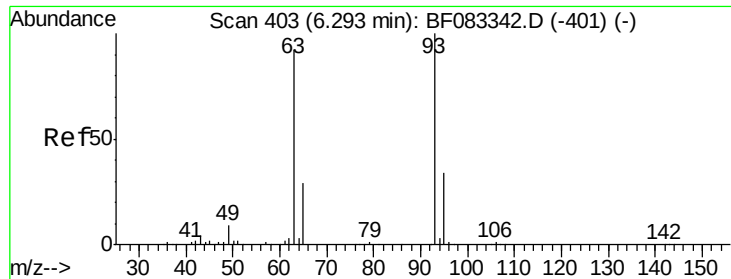
Ion Ratio Lower Upper

94 100

65 34.3 9.5 49.5

66 45.5 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 11.63 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

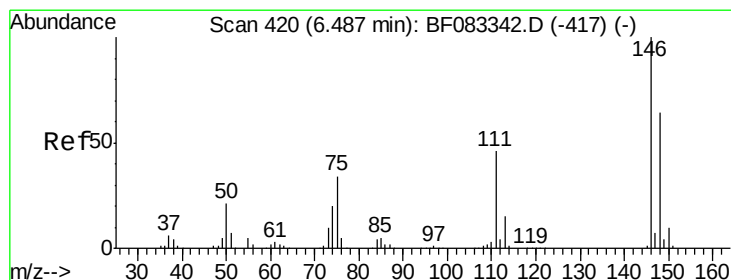
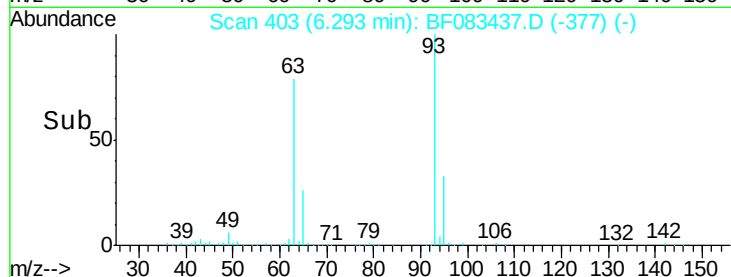
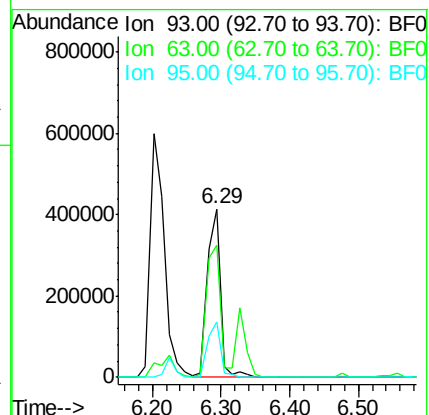
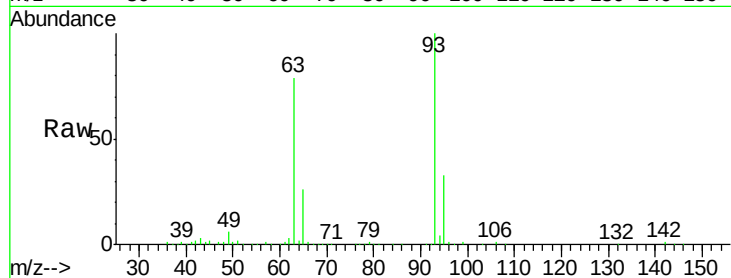
Tgt Ion: 93 Resp: 548626

Ion Ratio Lower Upper

93 100

63 78.9 71.4 111.4

95 33.1 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 11.72 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.07 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

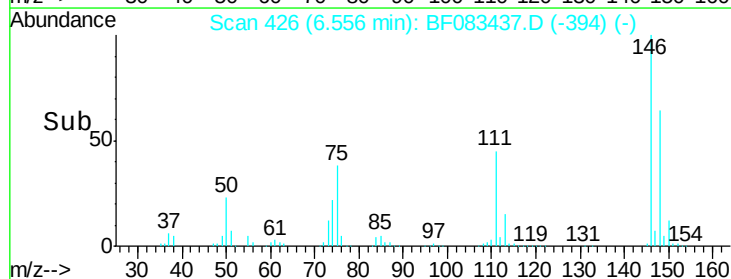
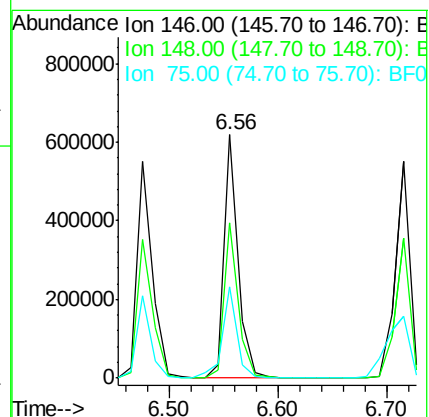
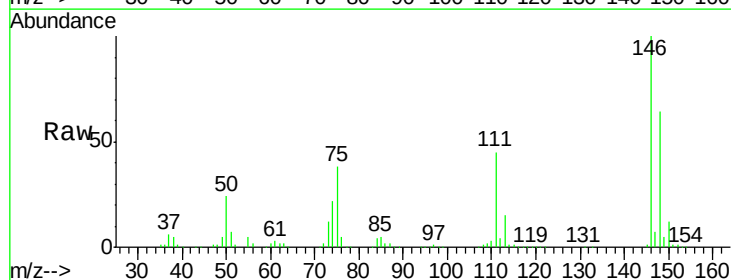
Tgt Ion: 146 Resp: 565704

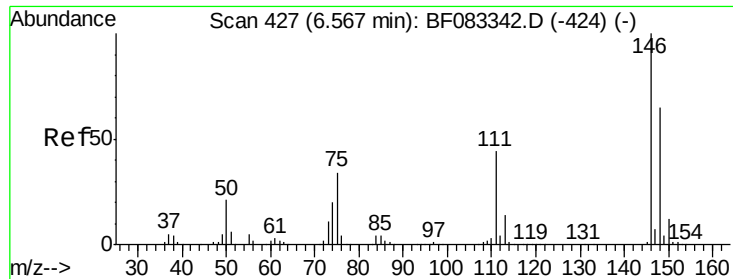
Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

75 37.6 27.5 41.3

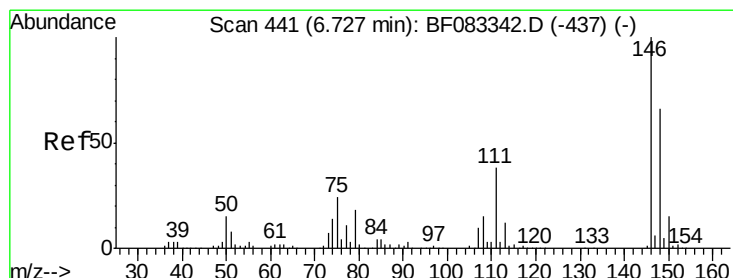
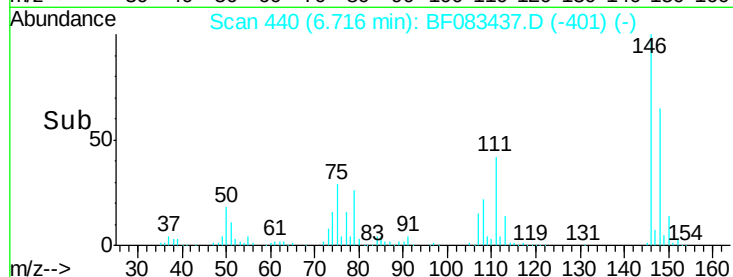
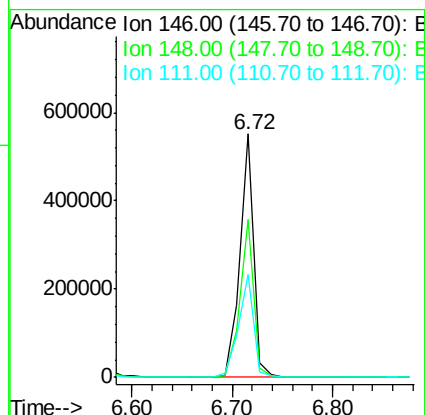
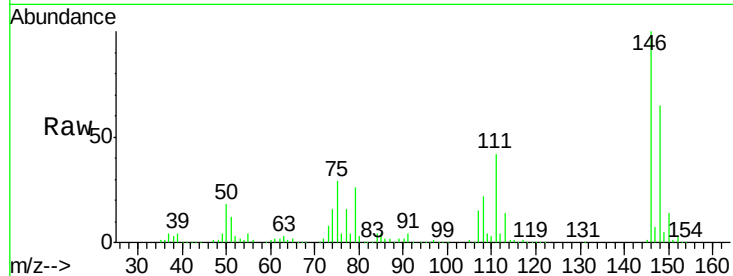




#13
 1,4-Dichlorobenzene
 Concen: 10.48 ng
 RT: 6.72 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

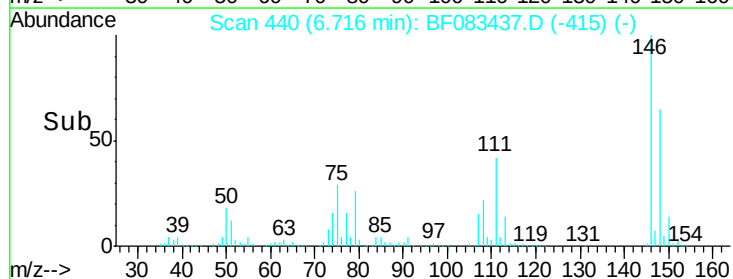
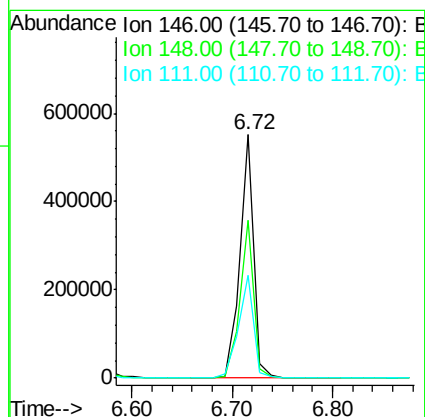
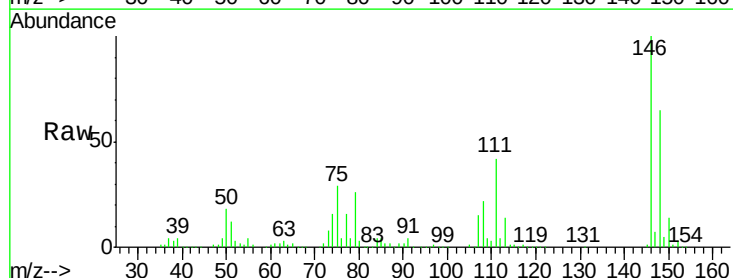
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

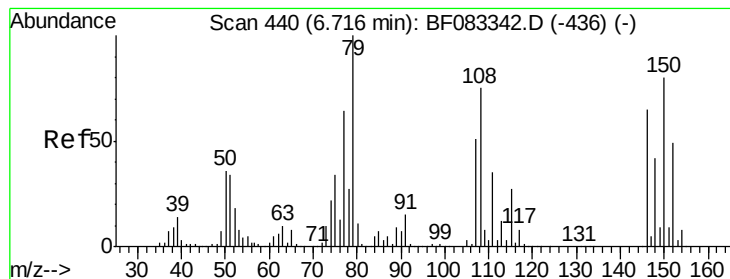
Tgt Ion:146 Resp: 522893
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 42.2 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 11.42 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:146 Resp: 522893
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.5 78.7
 111 42.2 30.6 46.0





#15

Benzyl Alcohol

Concen: 11.13 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

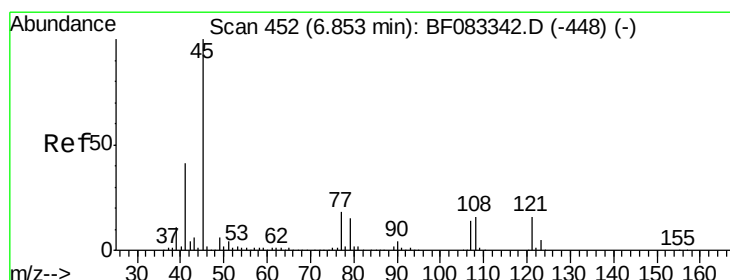
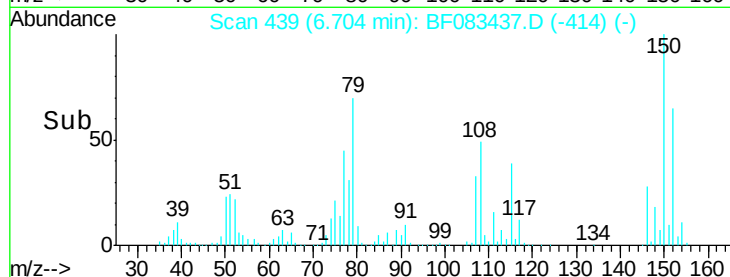
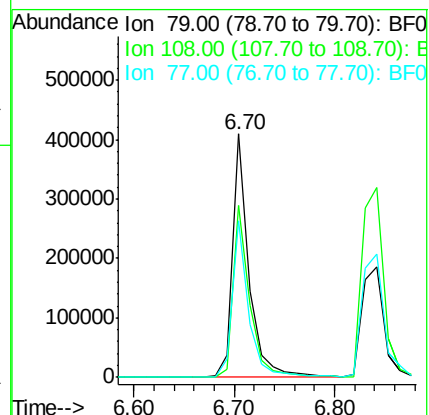
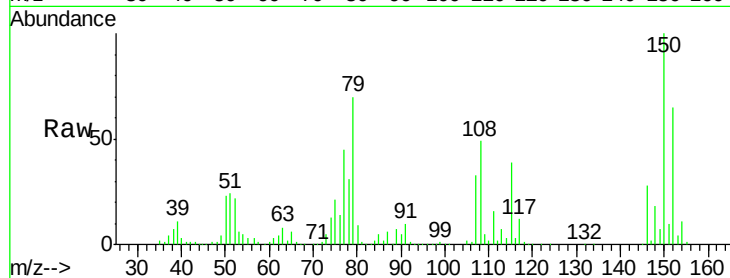
Tgt Ion: 79 Resp: 463549

Ion Ratio Lower Upper

79 100

108 70.6 59.9 89.9

77 64.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.50 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

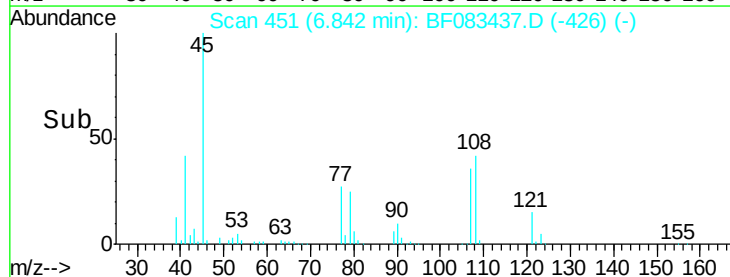
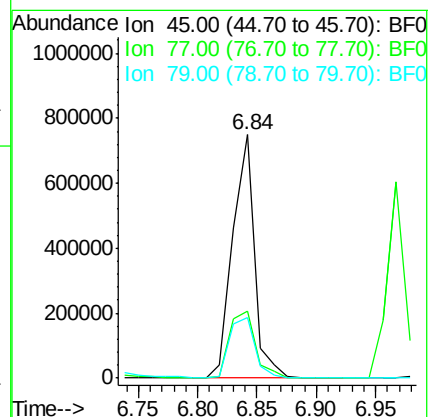
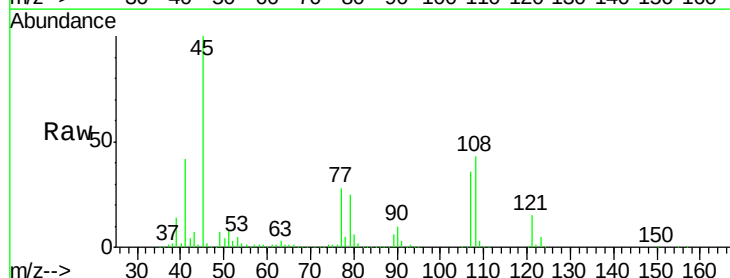
Tgt Ion: 45 Resp: 951823

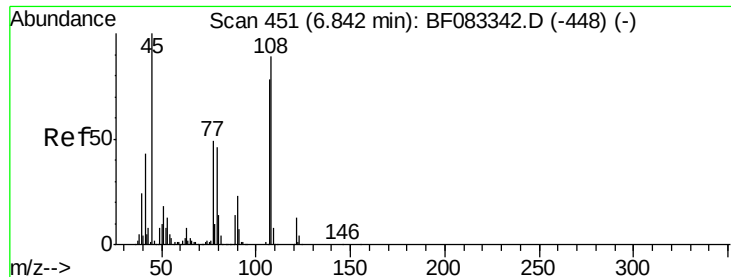
Ion Ratio Lower Upper

45 100

77 27.7 0.0 38.3

79 24.9 0.0 35.4





#17

2-Methylphenol

Concen: 15.87 ng

RT: 6.99 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 574344

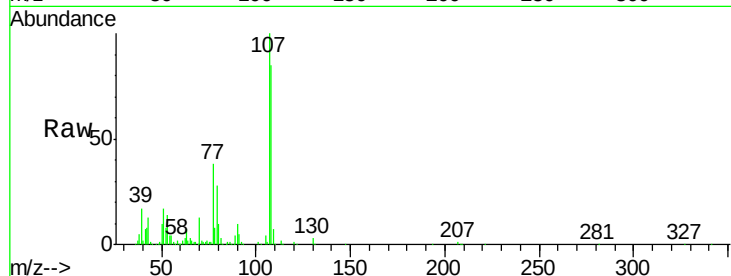
Ion Ratio Lower Upper

107 100

108 85.0 91.6 137.4#

77 37.8 49.9 74.9#

79 27.7 47.3 70.9#

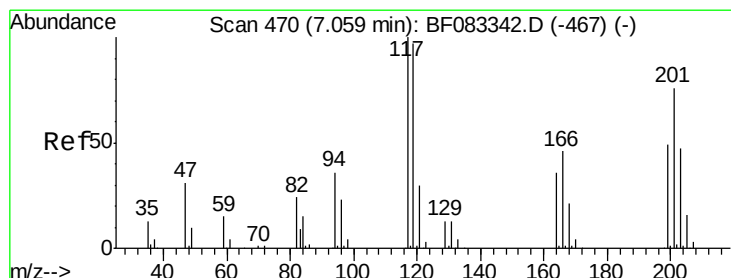
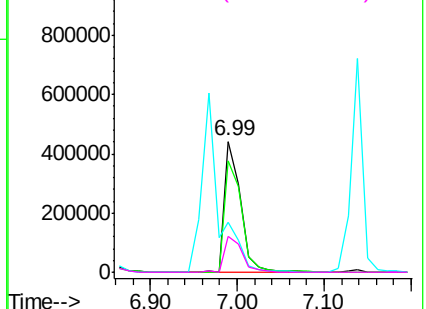
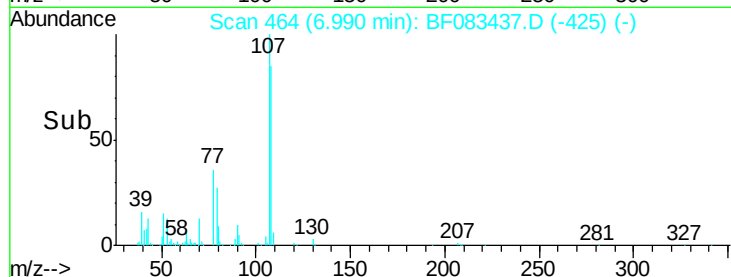


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.29 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

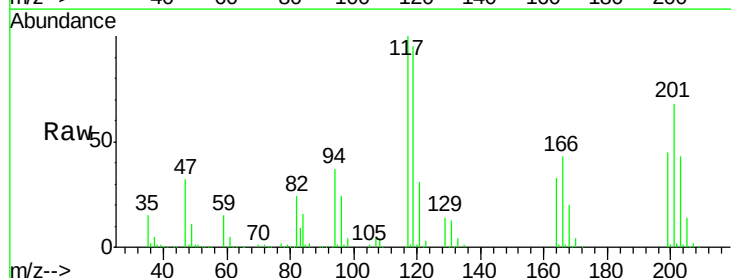
Tgt Ion:117 Resp: 195664

Ion Ratio Lower Upper

117 100

119 94.6 77.3 115.9

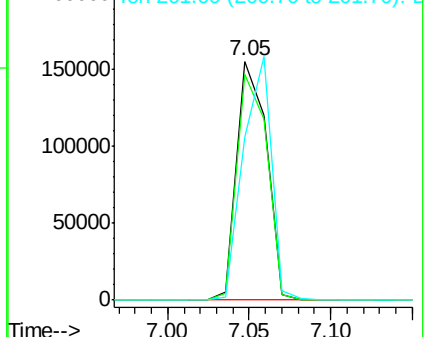
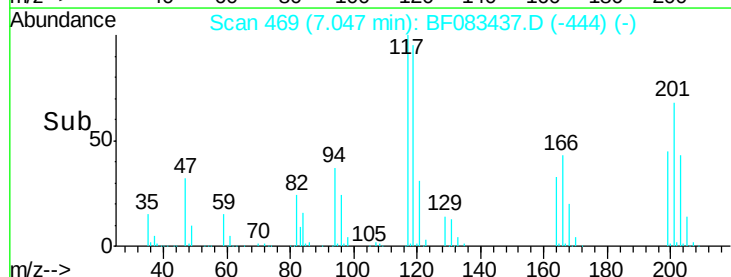
201 68.2 60.6 90.8

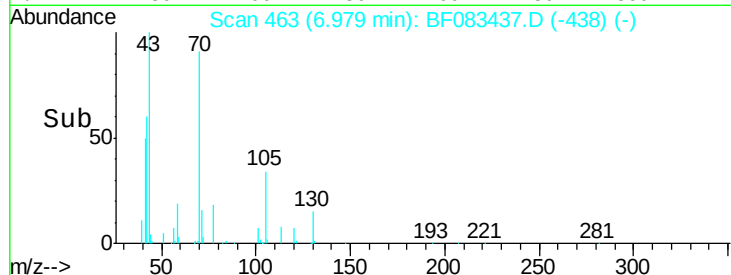
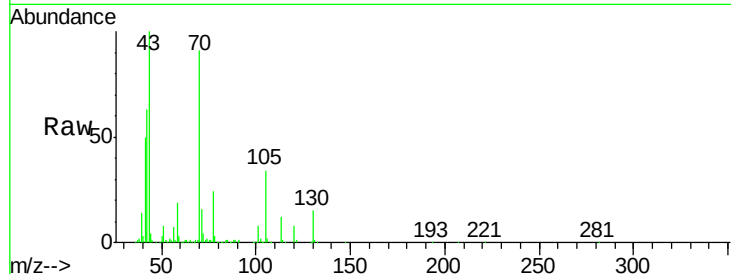
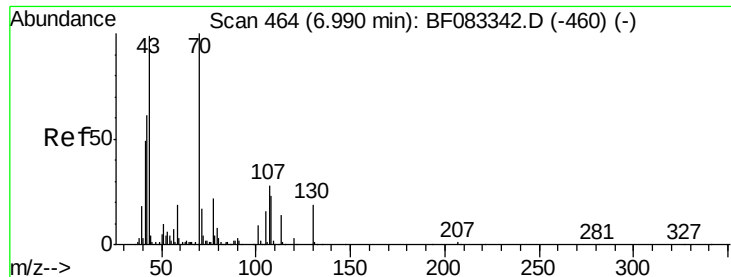


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

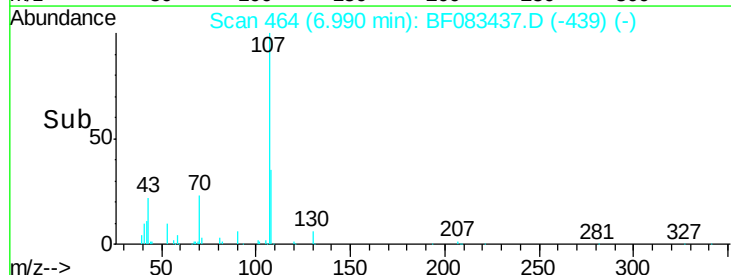
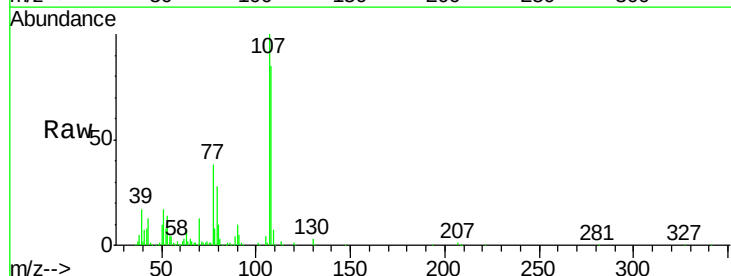
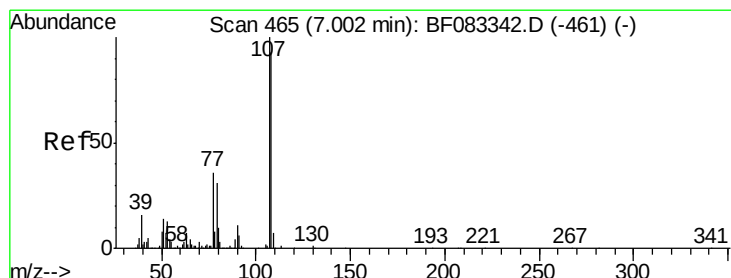
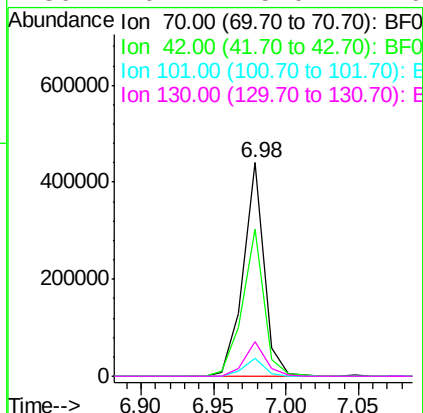




#19
n-Nitroso-di-n-propylamine
Concen: 11.50 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

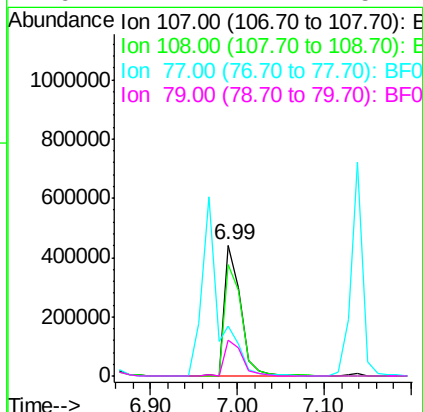
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

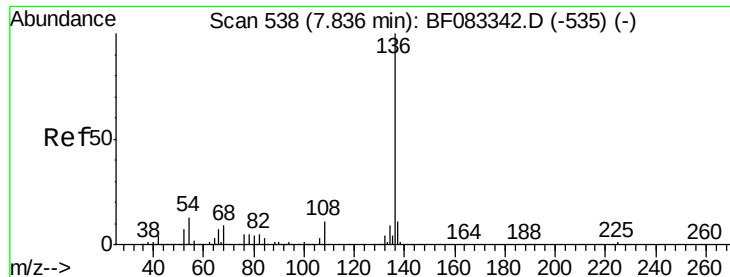
Tgt Ion:	70	Resp:	443091
Ion	Ratio	Lower	Upper
70	100		
42	68.8	48.8	73.2
101	8.3	7.1	10.7
130	16.2	15.0	22.6



#20
3+4-Methylphenols
Concen: 11.71 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:	107	Resp:	574344
Ion	Ratio	Lower	Upper
107	100		
108	85.0	73.0	113.0
77	37.8	16.8	56.8
79	27.7	11.4	51.4

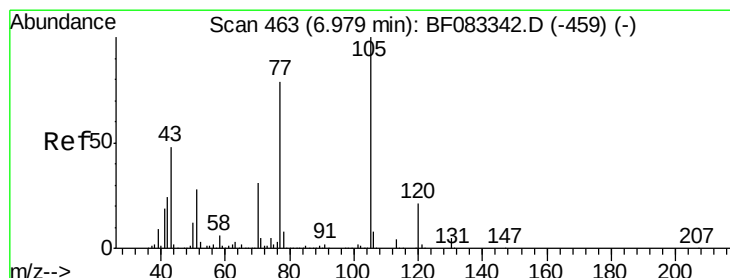
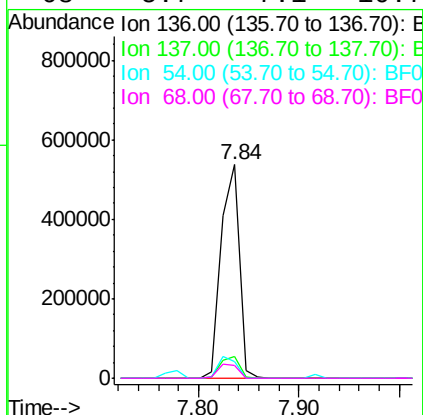
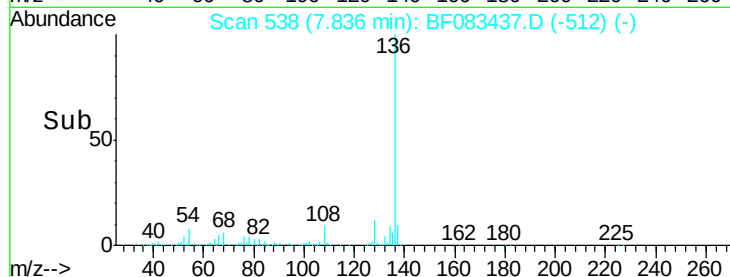
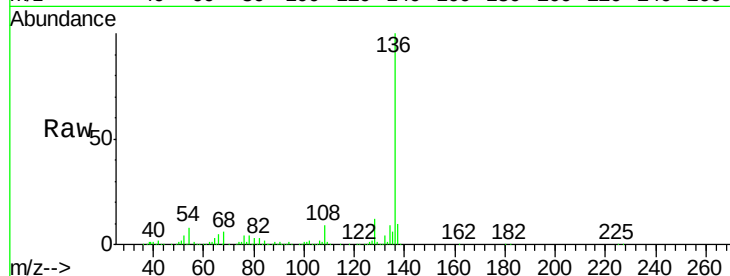




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

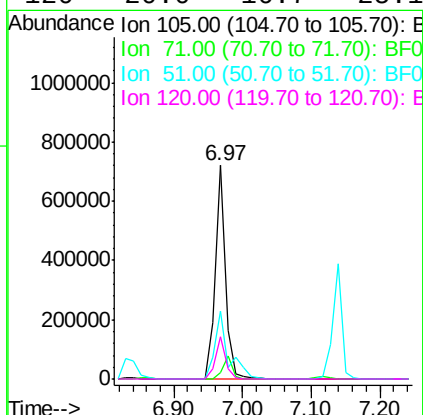
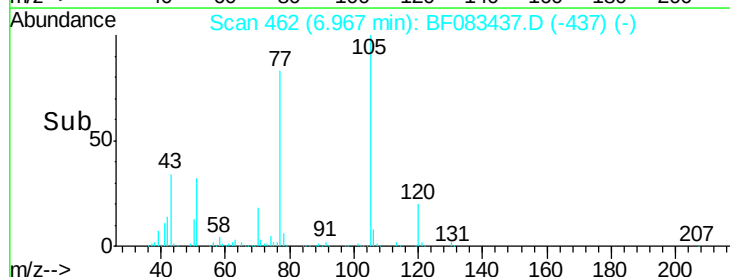
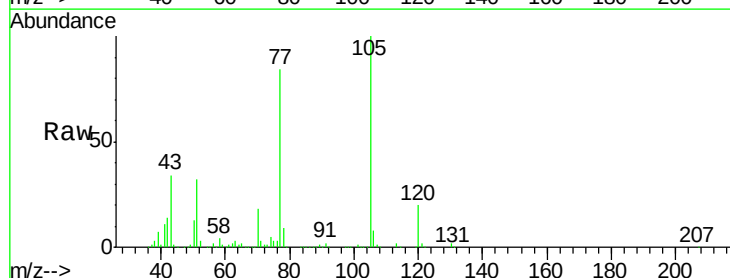
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

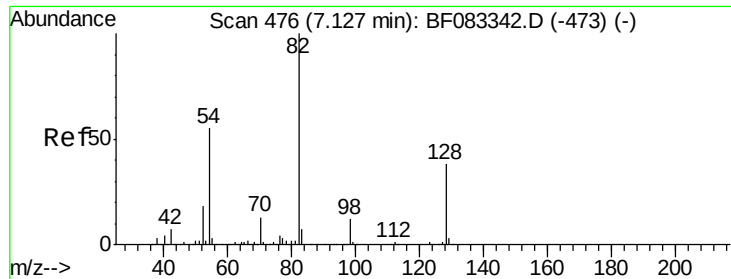
Tgt Ion:	136	Resp:	677941
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	7.9	10.1	15.1#
68	5.7	7.1	10.7#



#22
Acetophenone
Concen: 37.68 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:	105	Resp:	764234
Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.3	6.5#
51	31.8	22.9	34.3
120	20.0	16.7	25.1

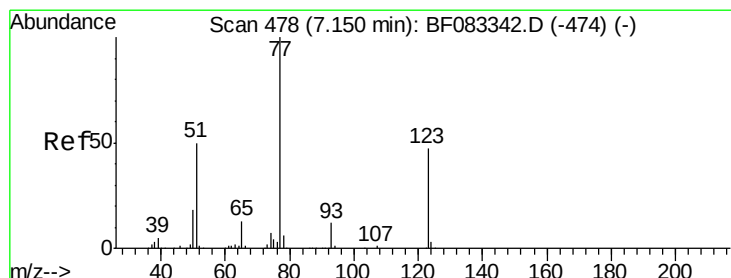
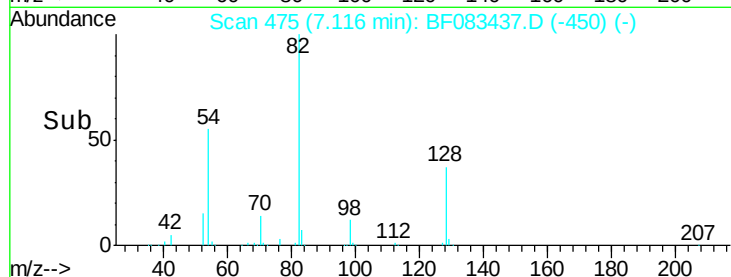
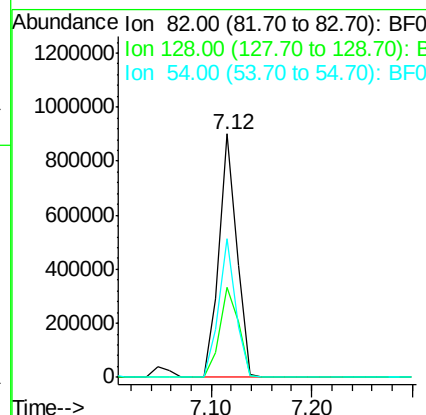
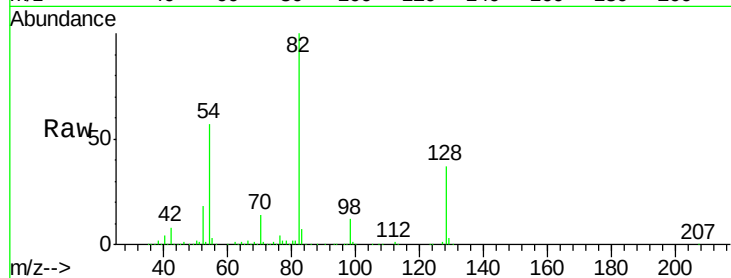




#23
 Nitrobenzene-d5
 Concen: 72.40 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

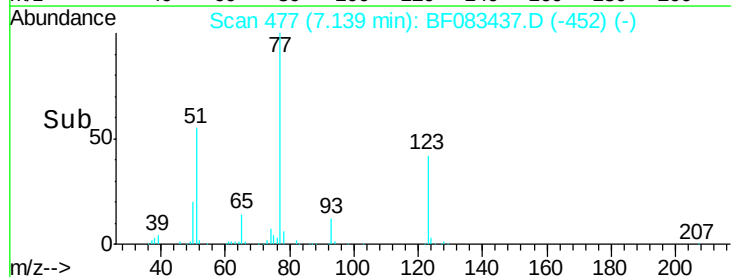
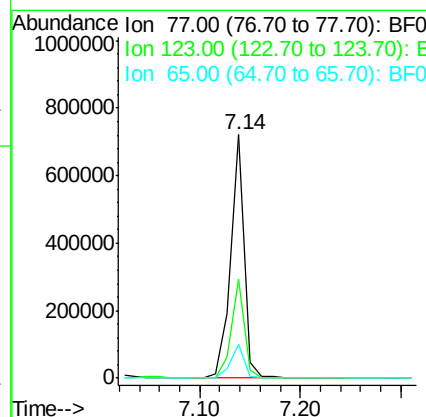
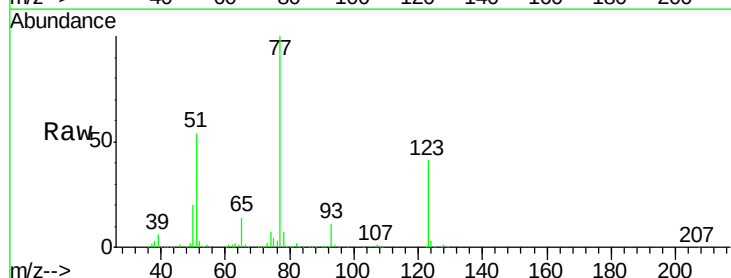
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

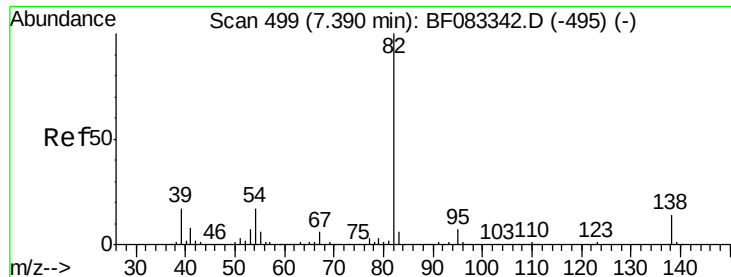
Tgt Ion: 82 Resp: 1116496
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.6 46.0
 54 57.0 43.8 65.6



#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion: 77 Resp: 675261
 Ion Ratio Lower Upper
 77 100
 123 40.9 37.4 56.0
 65 13.9 10.6 15.8





#25

Isophorone

Concen: 37.10 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

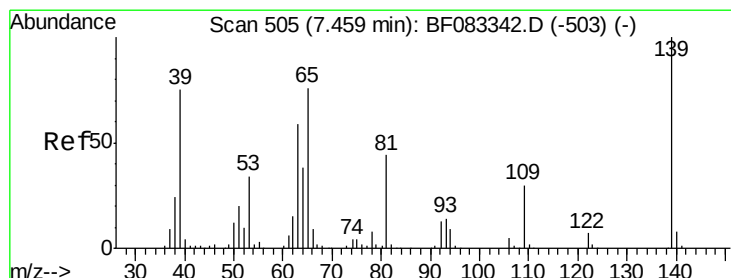
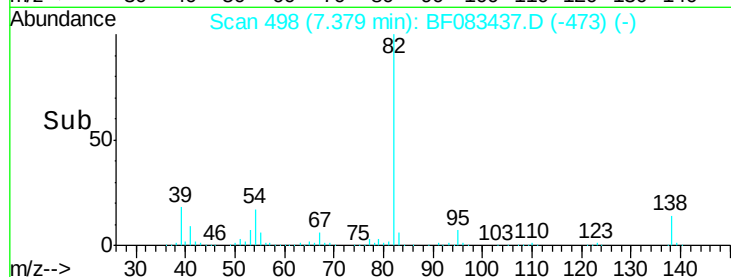
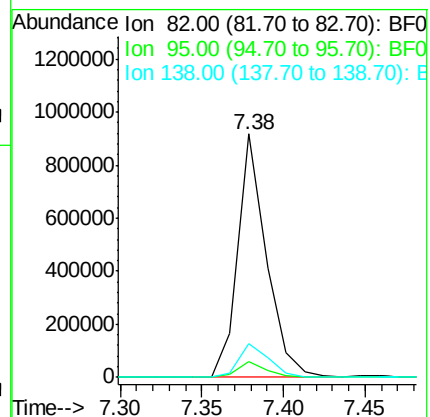
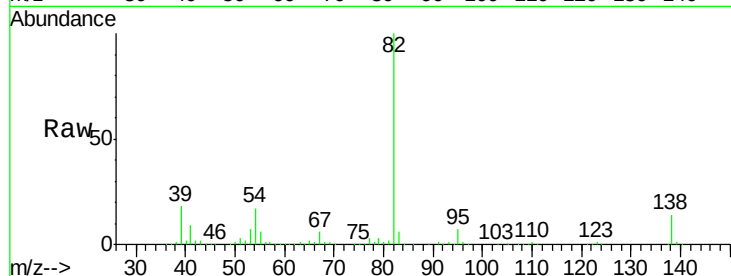
Tgt Ion: 82 Resp: 1108198

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 13.8 11.6 17.4



#26

2-Nitrophenol

Concen: 40.34 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

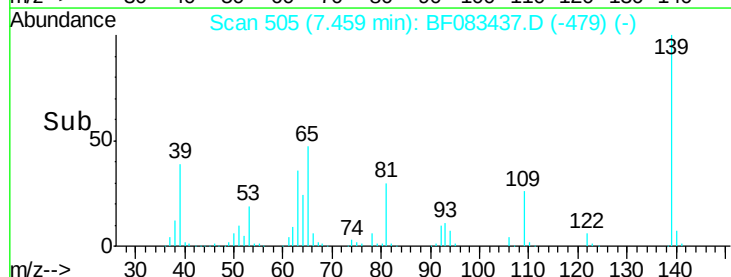
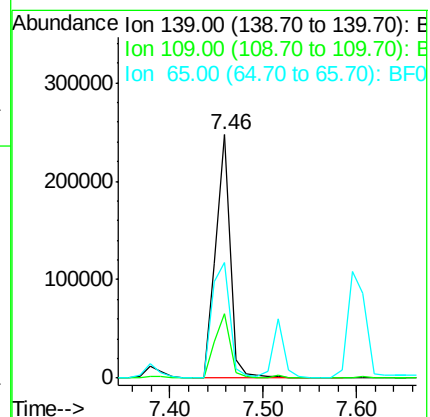
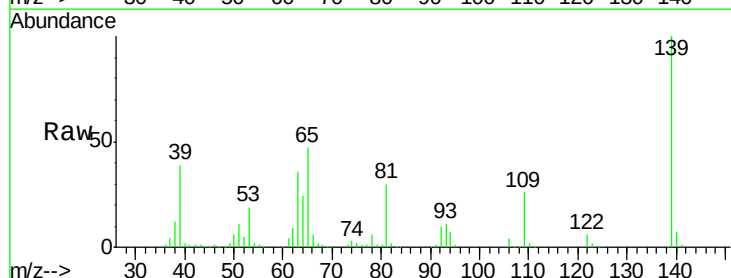
Tgt Ion: 139 Resp: 271213

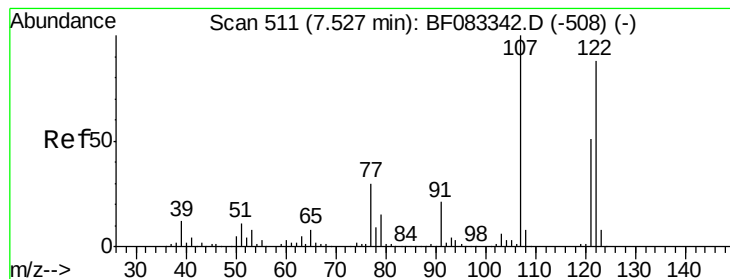
Ion Ratio Lower Upper

139 100

109 26.3 24.2 36.4

65 47.3 61.0 91.6#





#27

2,4-Dimethylphenol

Concen: 38.49 ng

RT: 7.52 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

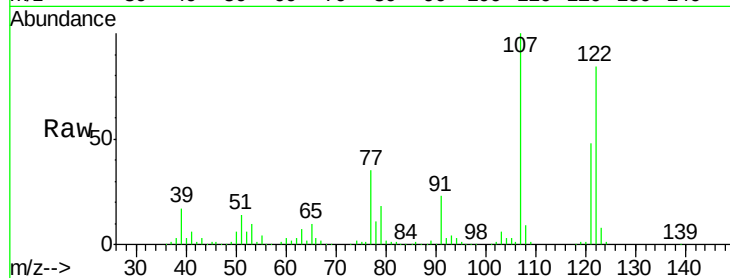
Tgt Ion:122 Resp: 433712

Ion Ratio Lower Upper

122 100

107 119.7 91.2 136.8

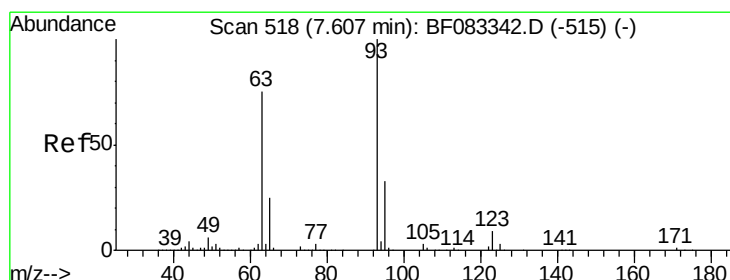
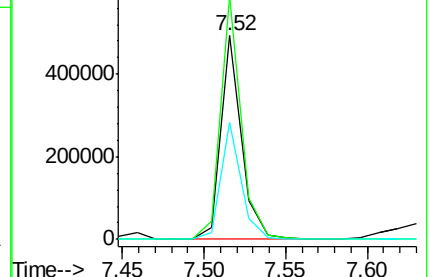
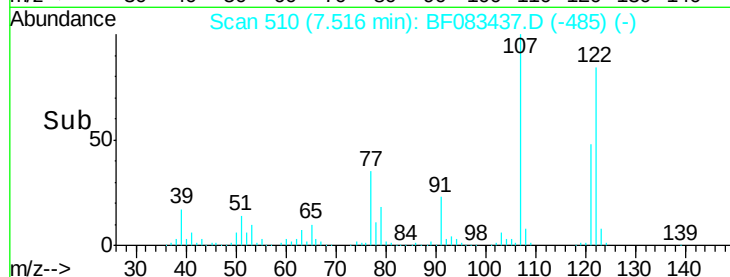
121 57.8 46.4 69.6



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: 36.53 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

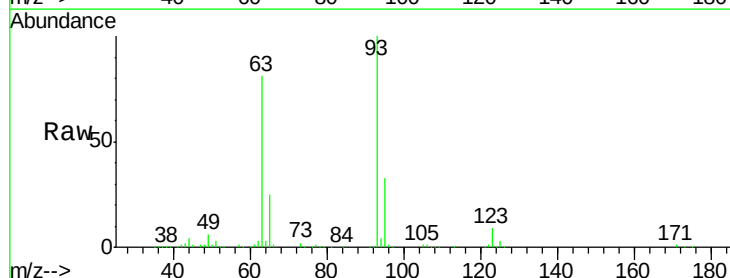
Tgt Ion: 93 Resp: 621461

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

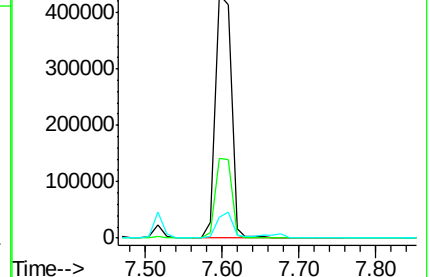
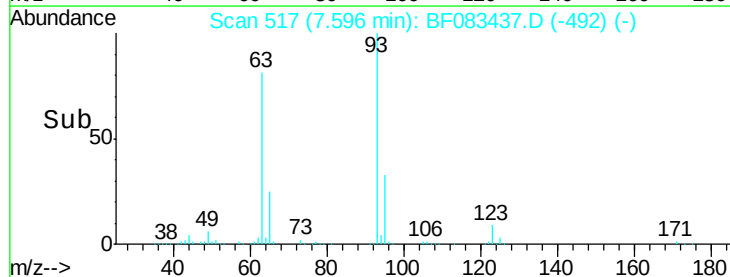
123 8.8 7.4 11.0

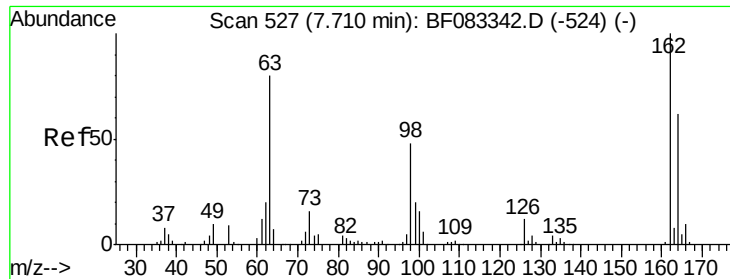


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

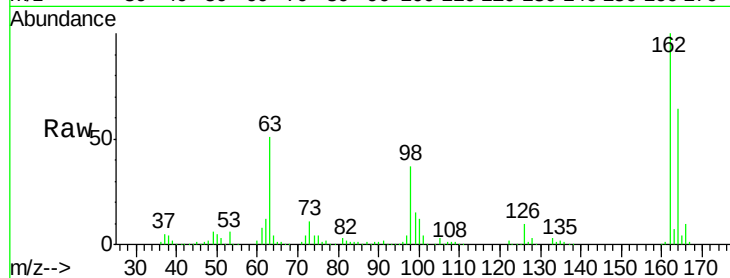




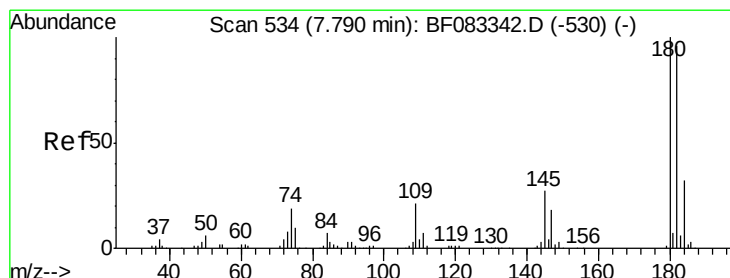
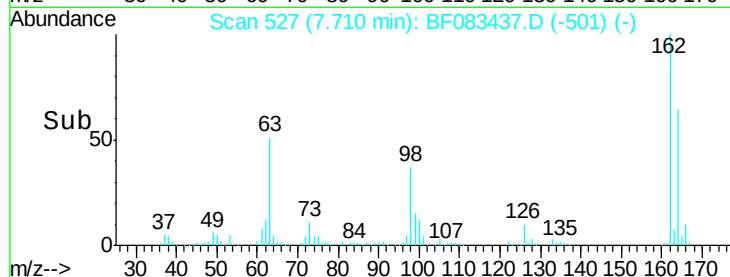
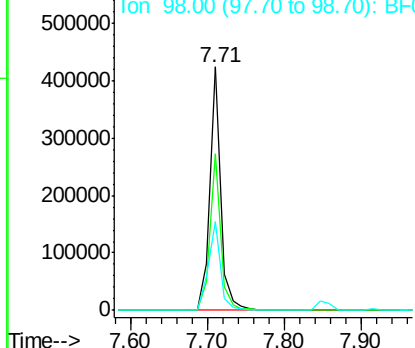
#29
 2,4-Dichlorophenol
 Concen: 37.87 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 410403
 Ion Ratio Lower Upper
 162 100
 164 64.1 41.9 81.9
 98 36.6 28.1 68.1

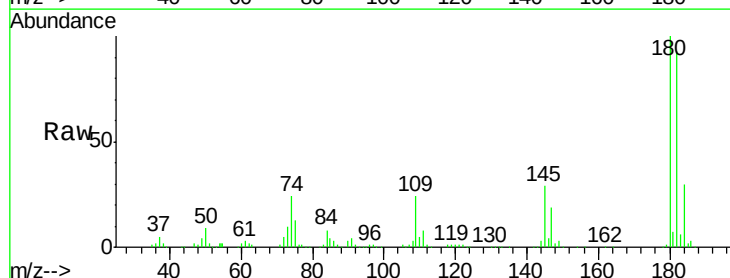


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

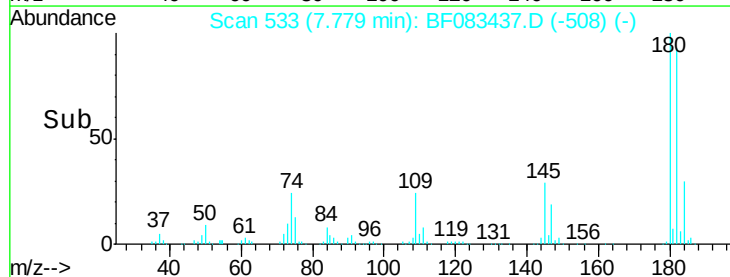
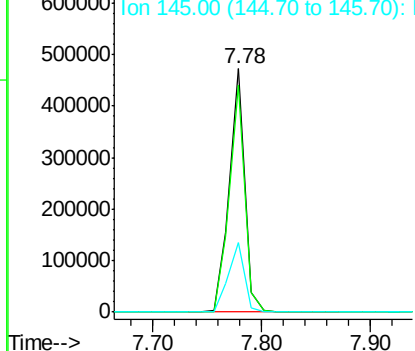


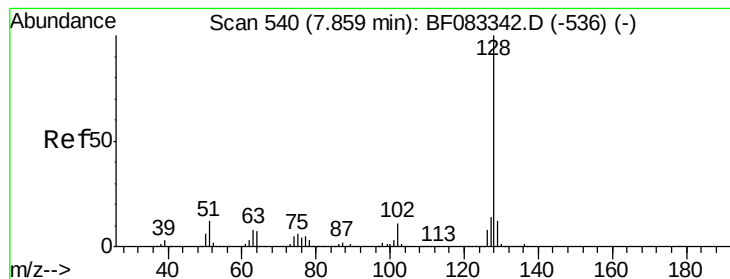
#30
 1,2,4-Trichlorobenzene
 Concen: 39.16 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:180 Resp: 461977
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.2 115.8
 145 28.6 21.4 32.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.00 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

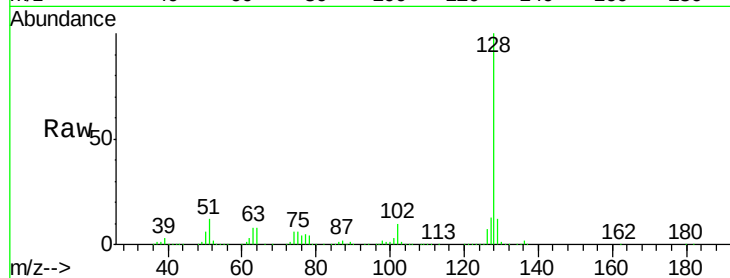
Tgt Ion:128 Resp: 1361127

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

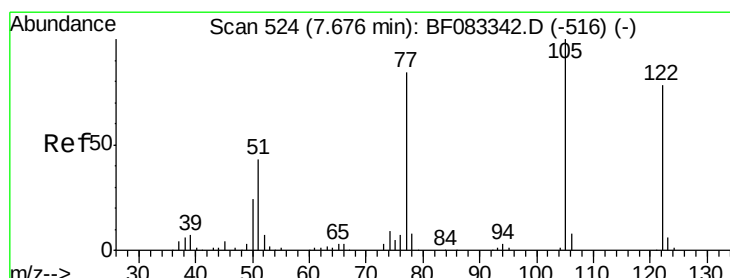
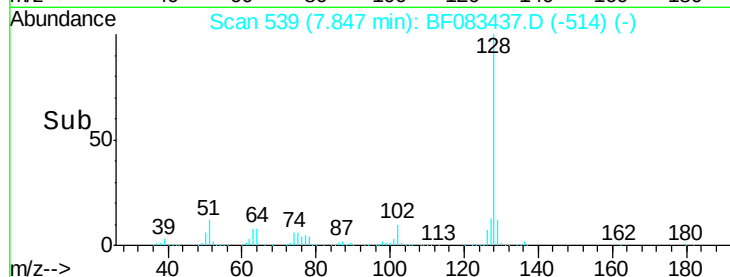
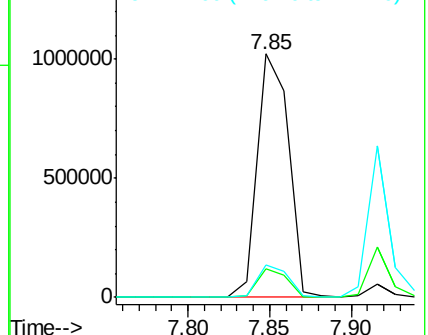
127 13.1 11.0 16.4



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: 38.43 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

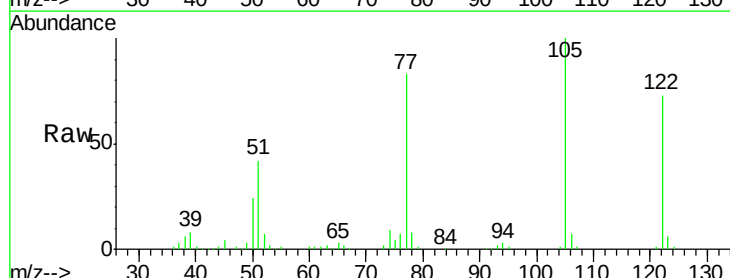
Tgt Ion:122 Resp: 298722

Ion Ratio Lower Upper

122 100

105 136.1 106.0 146.0

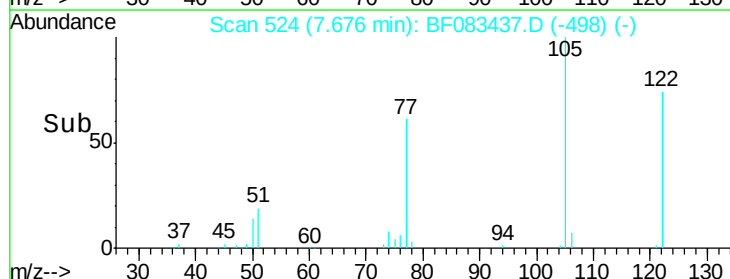
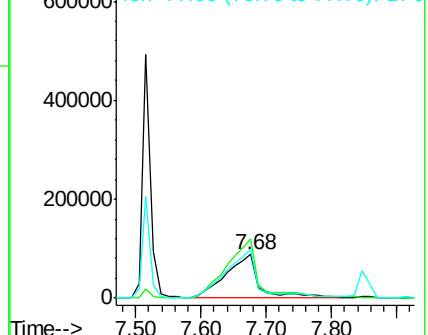
77 113.4 86.3 126.3

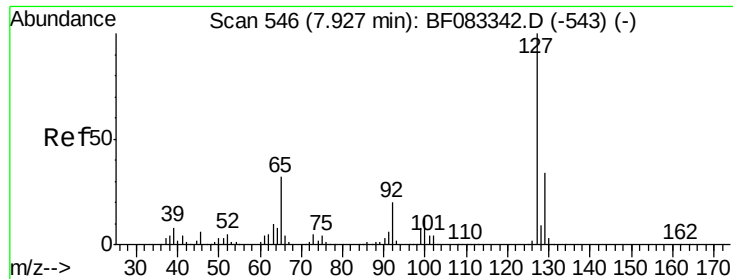


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

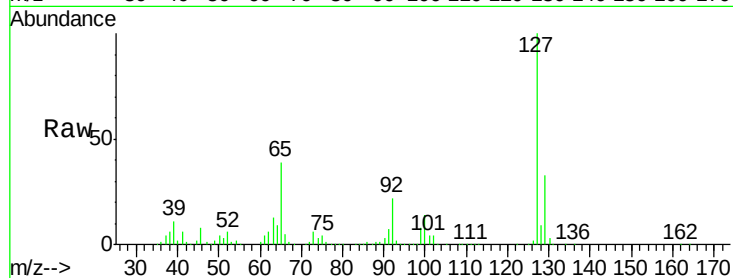




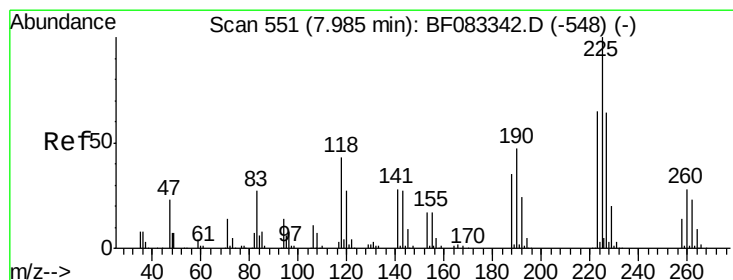
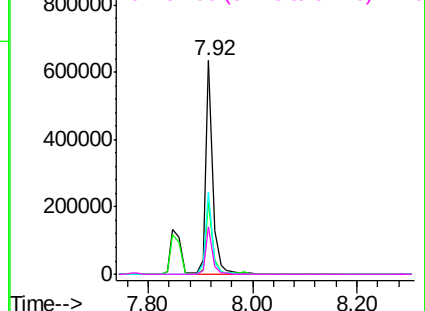
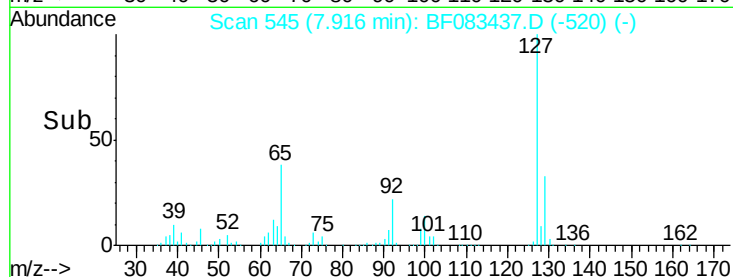
#33
 4-Chloroaniline
 Concen: 37.58 ng
 RT: 7.92 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	595860
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.4
65	38.6	25.9	38.9
92	22.2	15.8	23.8

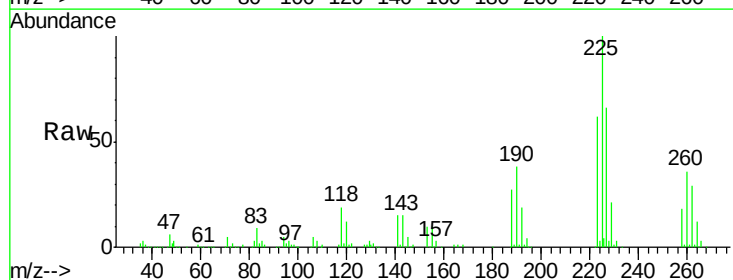


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

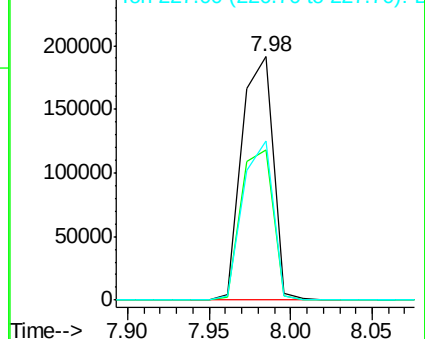
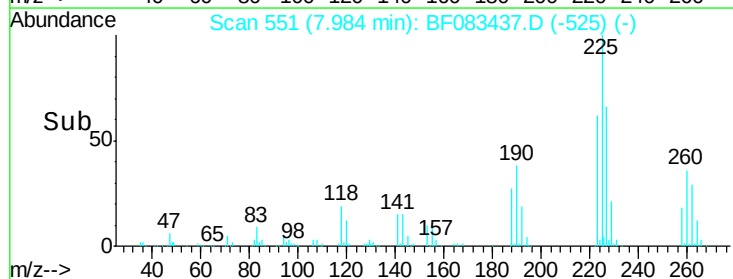


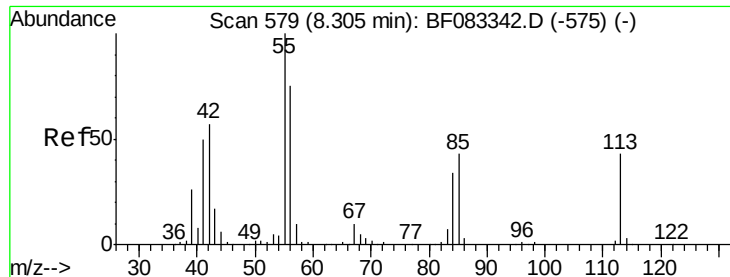
#34
 Hexachlorobutadiene
 Concen: 37.75 ng
 RT: 7.98 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:	225	Resp:	252838
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.0	78.0
227	65.5	51.1	76.7



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

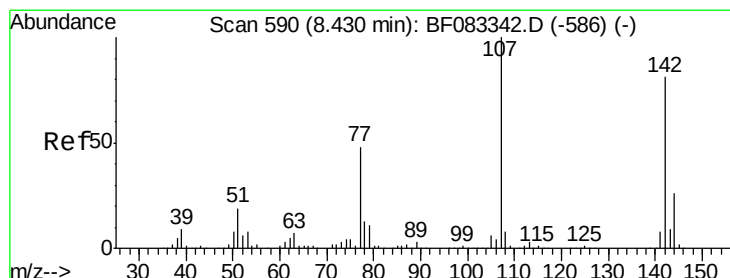
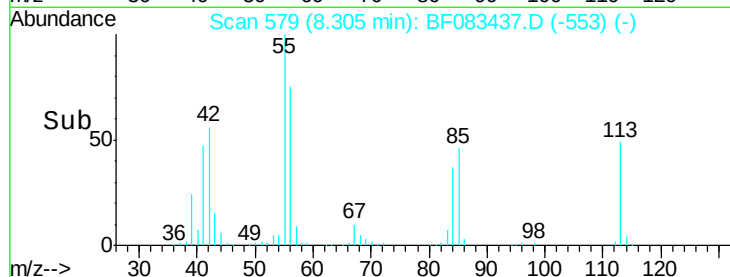
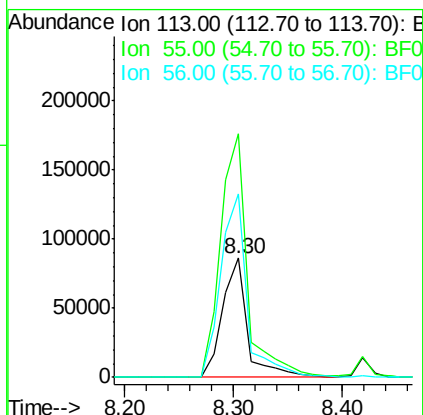
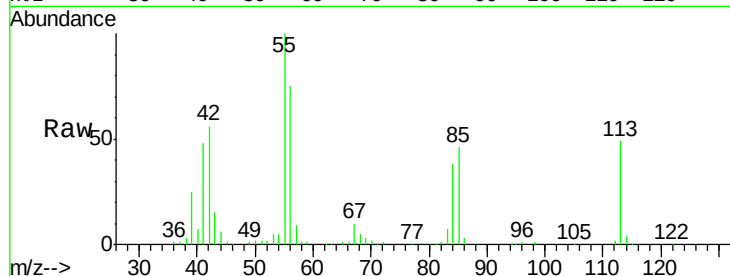




#35
 Caprolactam
 Concen: 39.83 ng
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

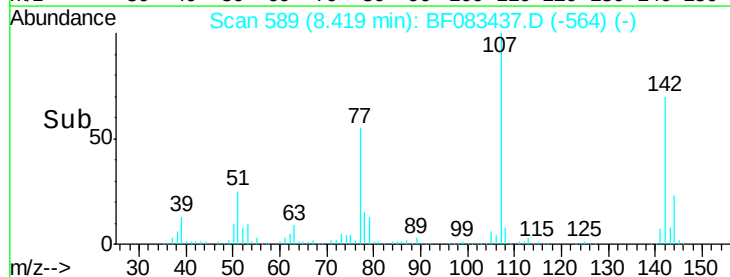
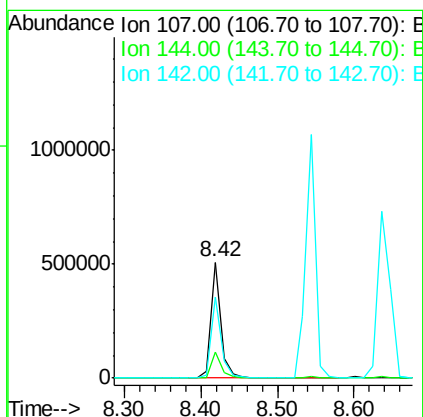
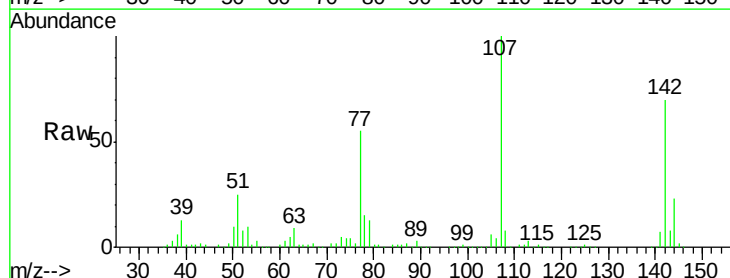
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

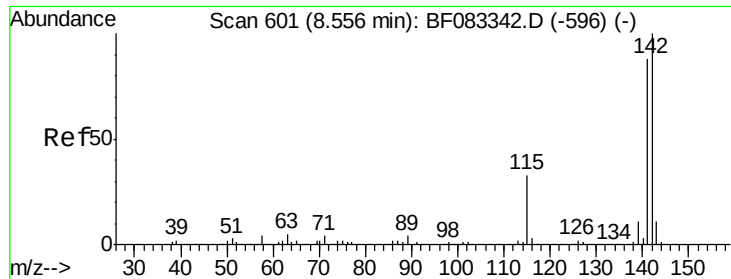
Tgt Ion:113 Resp: 136391
 Ion Ratio Lower Upper
 113 100
 55 204.1 211.6 251.6#
 56 153.4 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.44 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:107 Resp: 455131
 Ion Ratio Lower Upper
 107 100
 144 22.8 21.1 31.7
 142 70.1 65.1 97.7

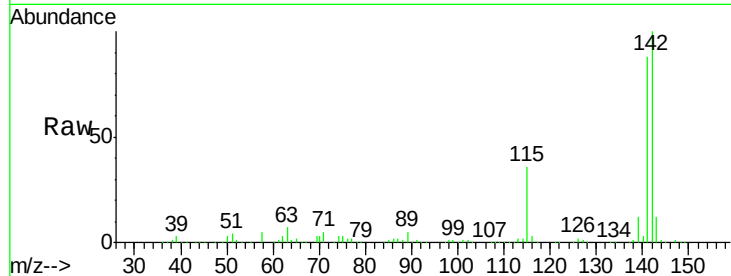




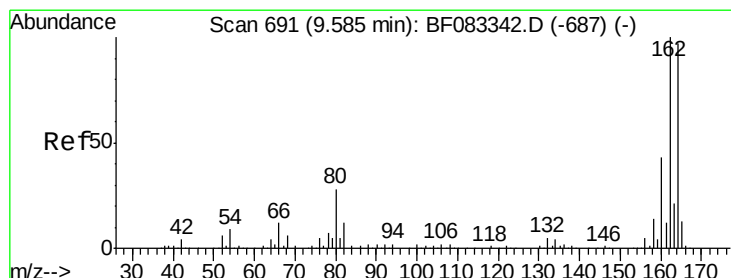
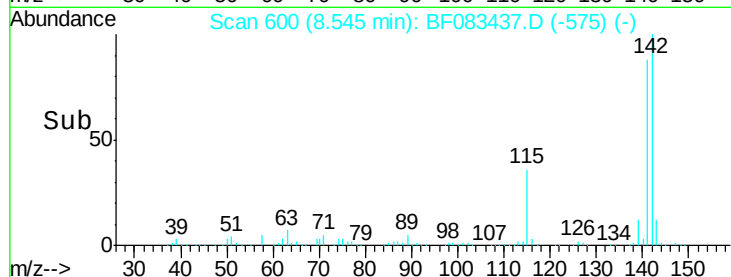
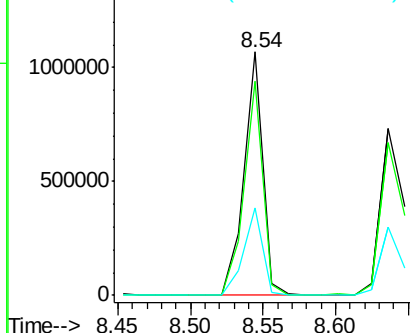
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 962643
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8
115 35.9 26.2 39.2

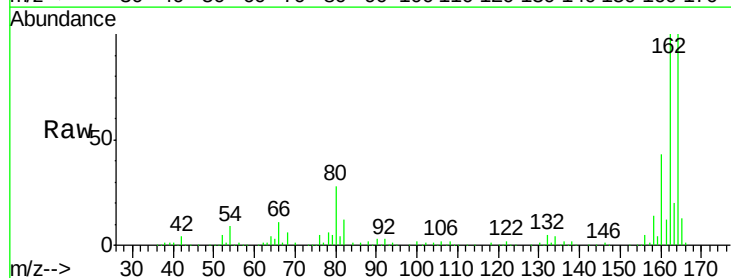


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

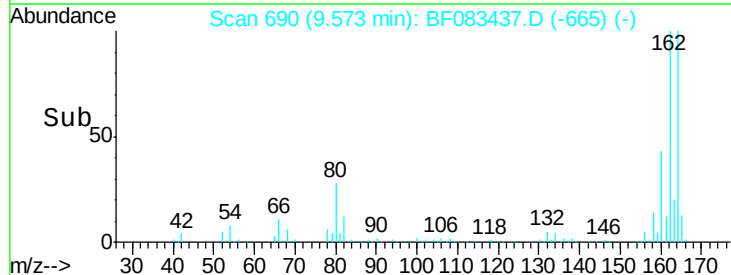
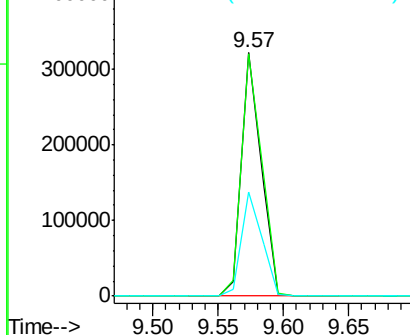


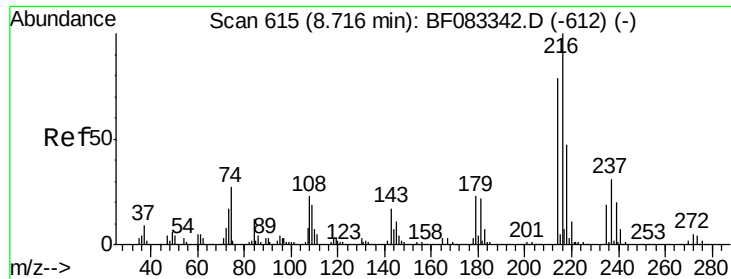
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:164 Resp: 336050
Ion Ratio Lower Upper
164 100
162 99.5 82.6 123.8
160 42.5 35.3 52.9



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: 36.92 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 393329

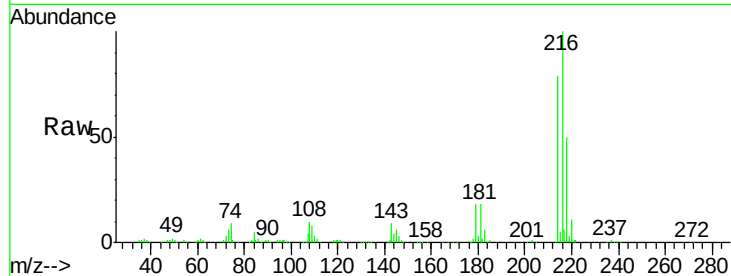
Ion Ratio Lower Upper

216 100

214 79.4 62.3 93.5

179 21.7 17.0 25.4

108 19.2 16.7 25.1

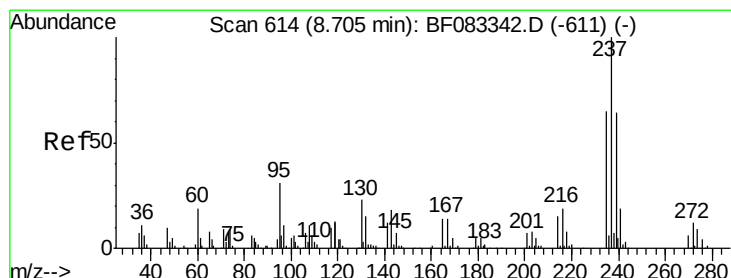
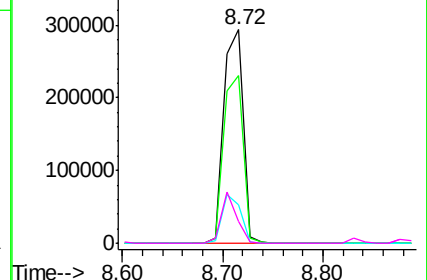
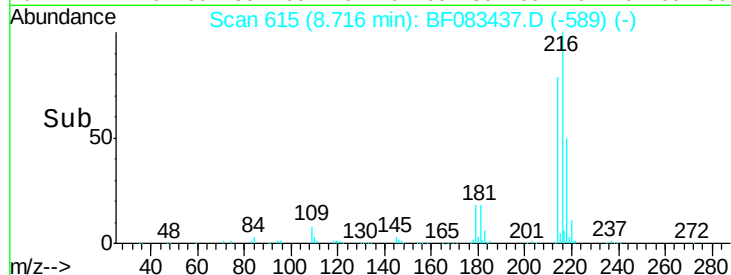


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.07 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

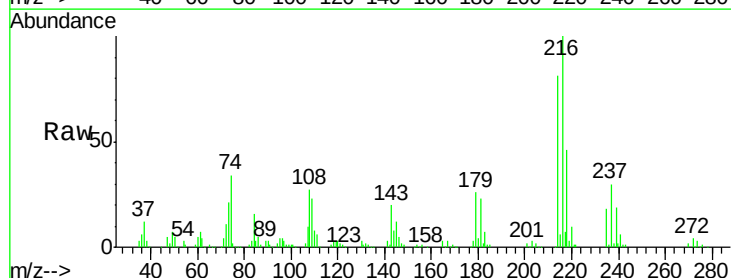
Tgt Ion:237 Resp: 96513

Ion Ratio Lower Upper

237 100

235 61.5 44.5 84.5

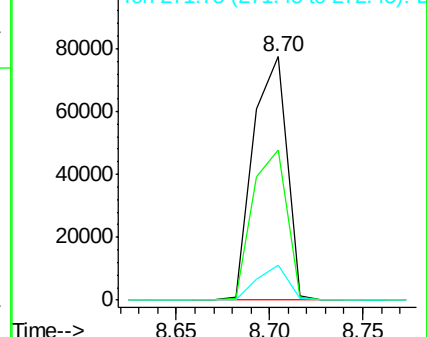
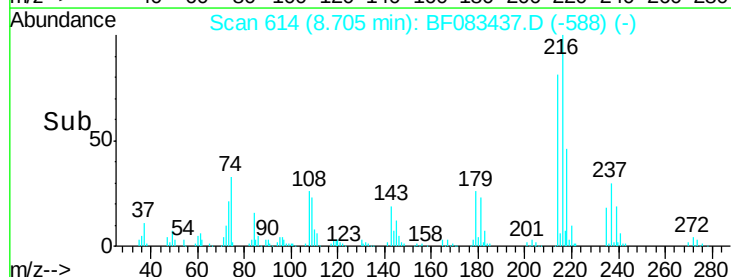
272 14.3 0.0 31.6

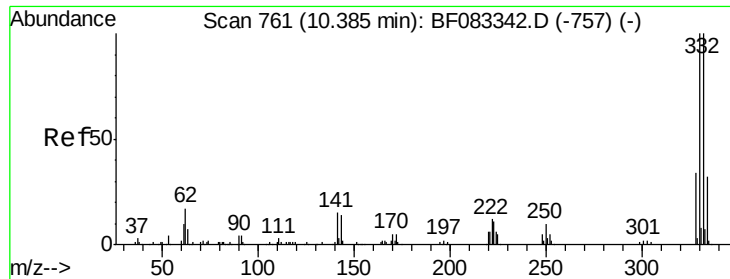


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 70.31 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

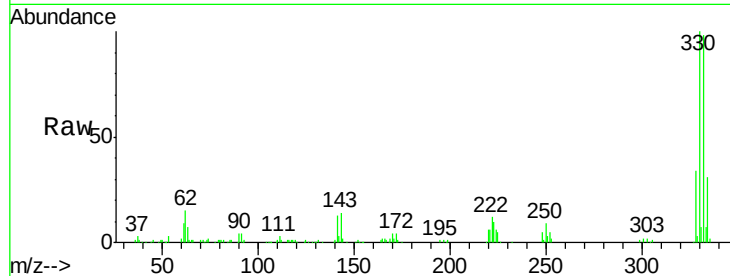
Tgt Ion:330 Resp: 237190

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

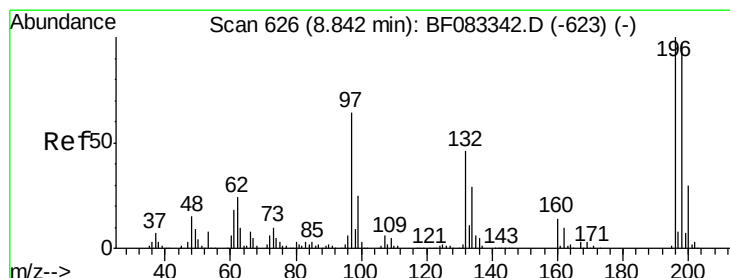
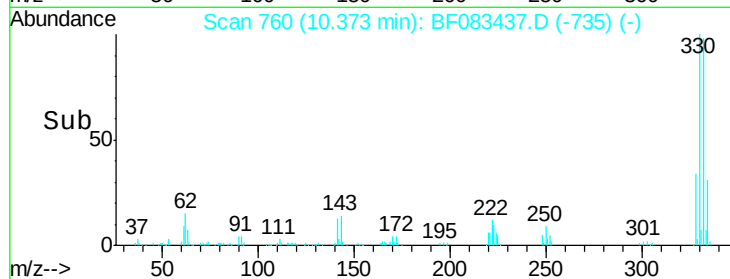
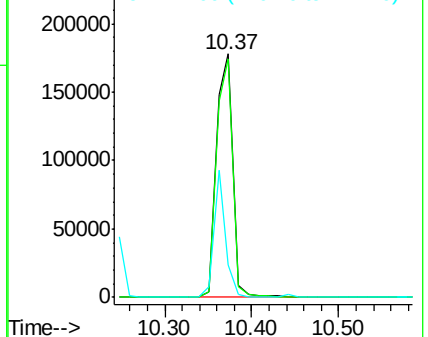
141 36.8 29.4 44.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.05 ng

RT: 8.83 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

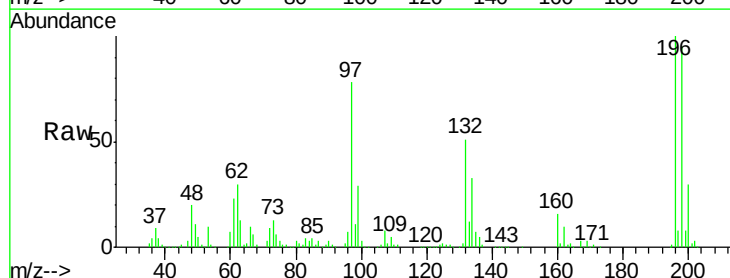
Tgt Ion:196 Resp: 284284

Ion Ratio Lower Upper

196 100

198 95.3 77.2 115.8

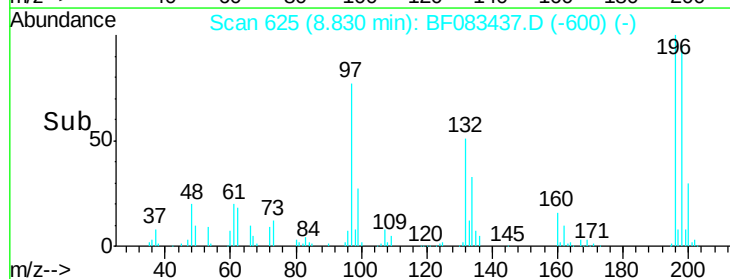
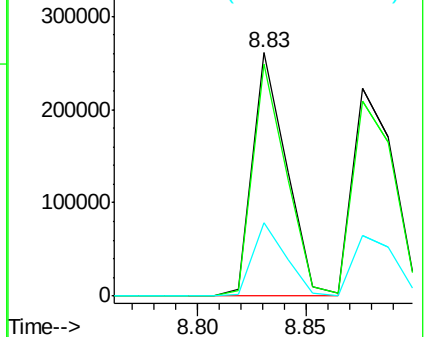
200 29.9 24.2 36.4

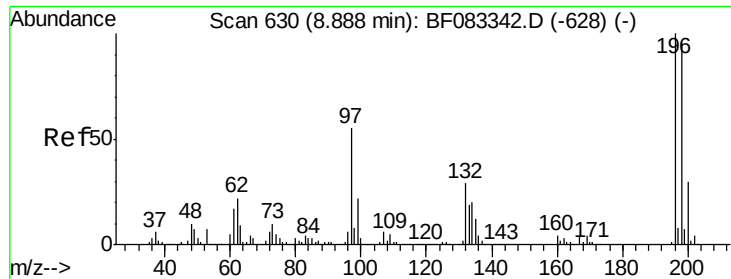


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

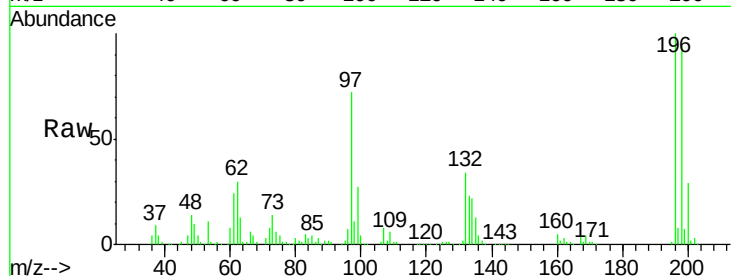




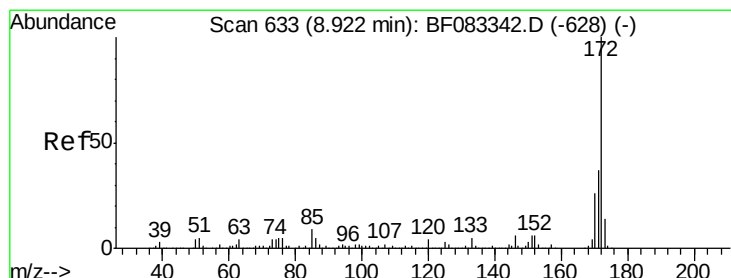
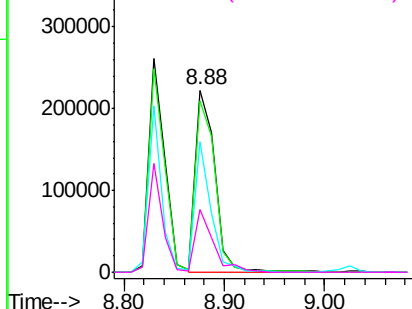
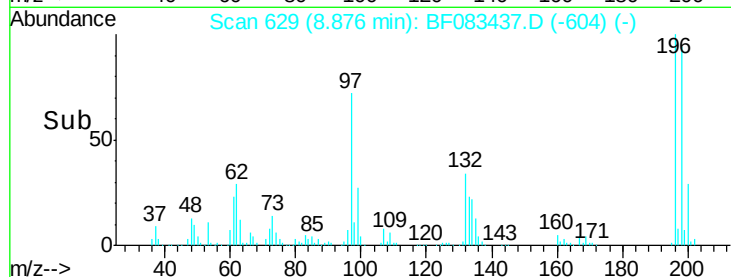
#43
 2,4,5-Trichlorophenol
 Concen: 38.54 ng
 RT: 8.88 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	298399		
196	100		
198	94.1	77.2	115.8
97	72.0	44.4	66.6
132	34.4	23.2	34.8

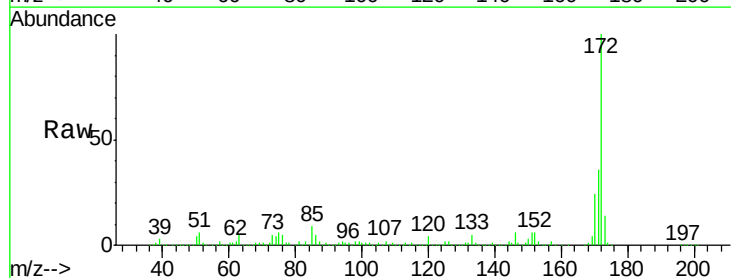


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

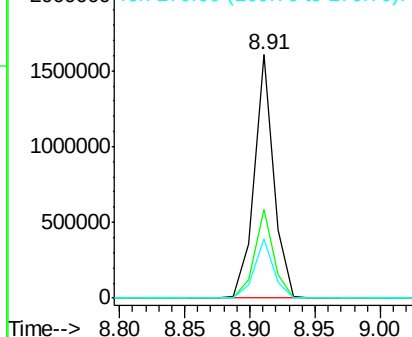
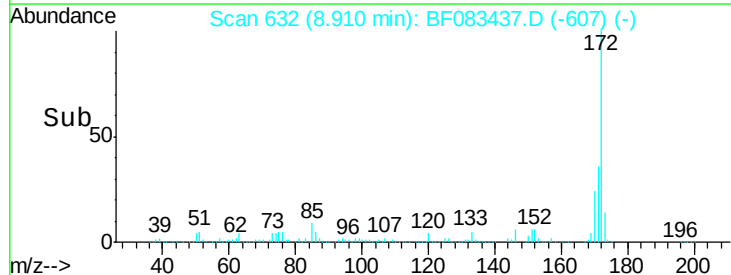


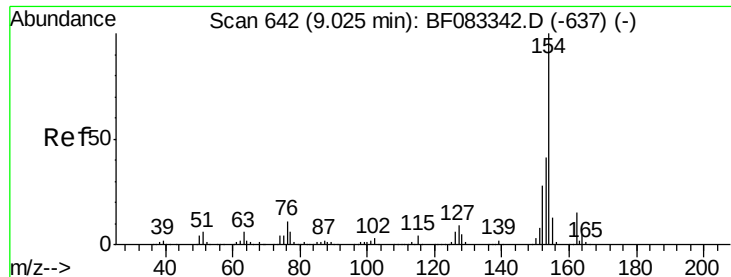
#44
 2-Fluorobiphenyl
 Concen: 71.08 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Resp	Lower	Upper
172	1676092		
172	100		
171	36.5	29.4	44.0
170	24.2	20.4	30.6



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

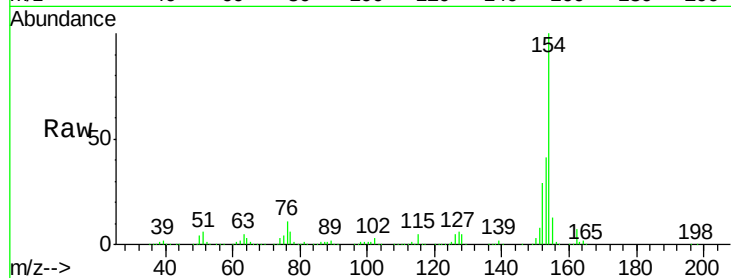




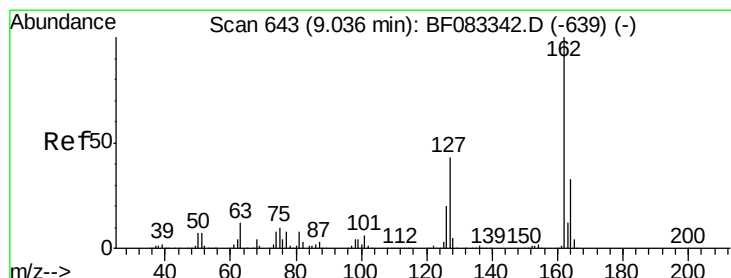
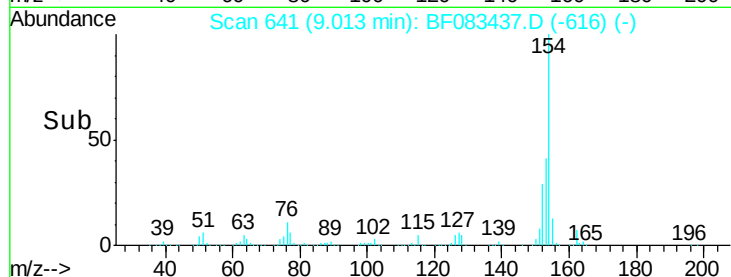
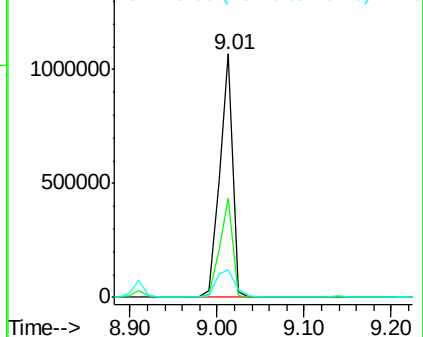
#45
 1,1'-Biphenyl
 Concen: 38.37 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1130857
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 11.4 0.0 30.5

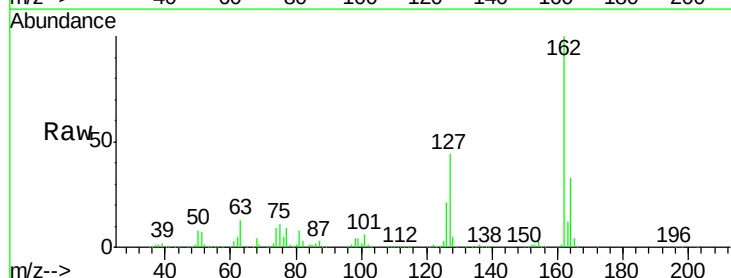


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

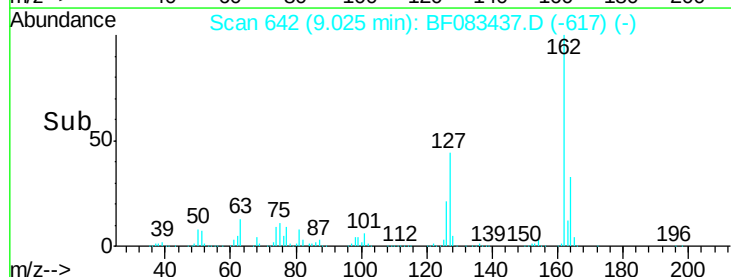
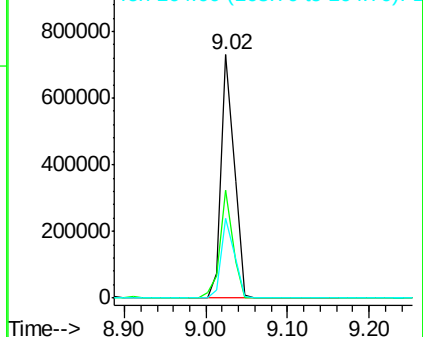


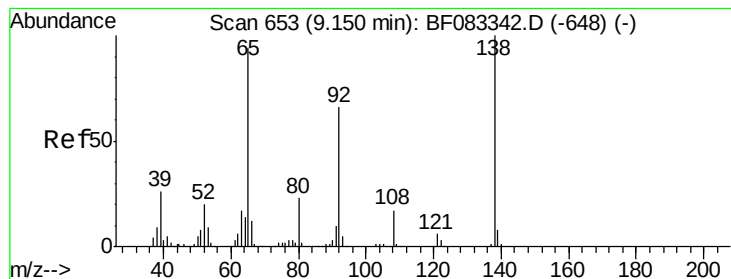
#46
 2-Chloronaphthalene
 Concen: 35.81 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:162 Resp: 804119
 Ion Ratio Lower Upper
 162 100
 127 44.5 34.1 51.1
 164 32.9 26.6 39.8



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: 40.33 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

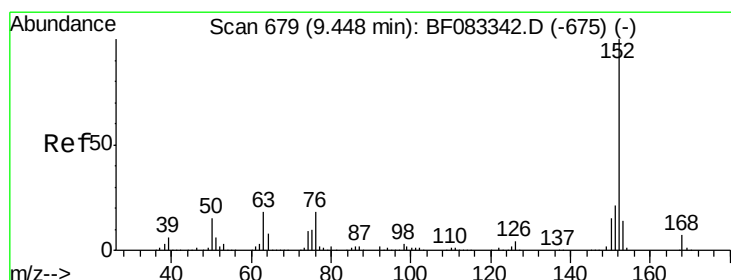
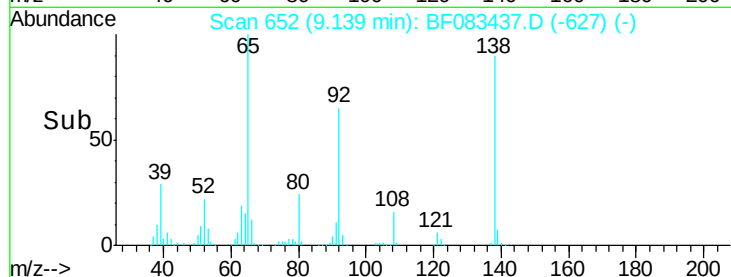
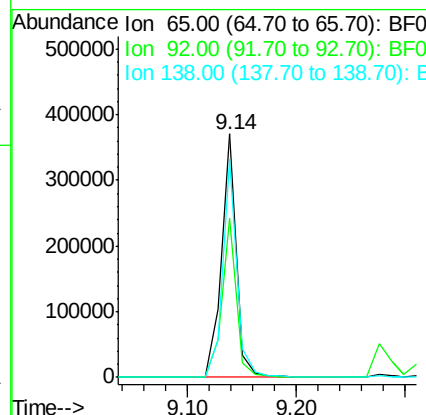
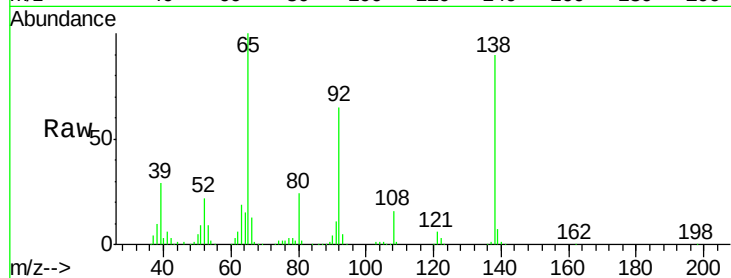
Tgt Ion: 65 Resp: 358708

Ion Ratio Lower Upper

65 100

92 65.2 56.2 84.4

138 89.7 85.4 128.0



#48

Acenaphthylene

Concen: 35.76 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

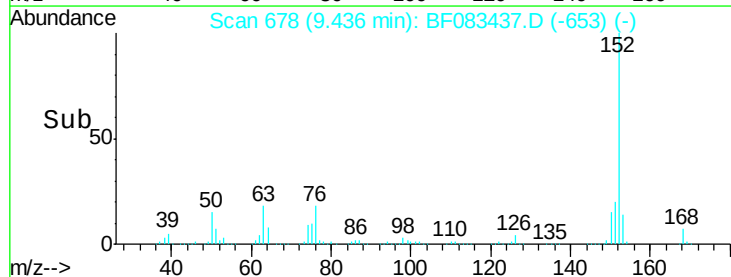
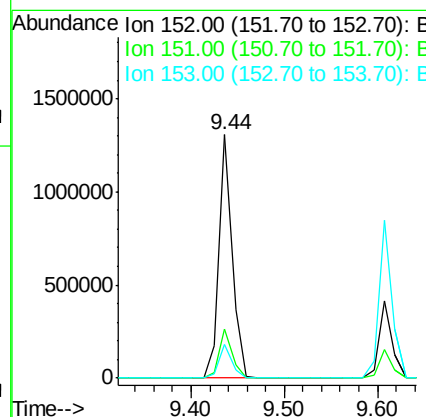
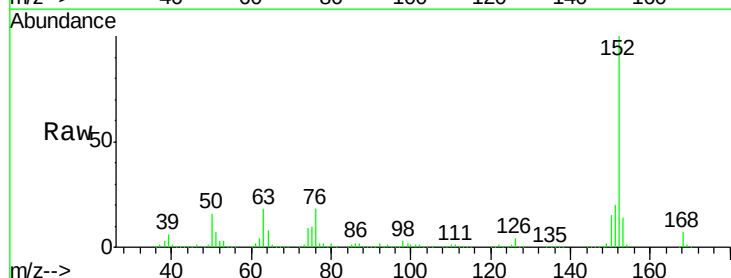
Tgt Ion: 152 Resp: 1281000

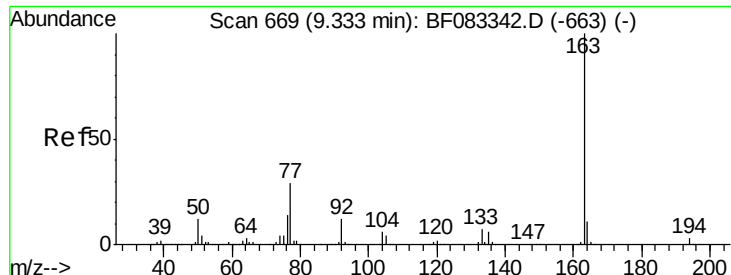
Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

153 13.9 11.2 16.8

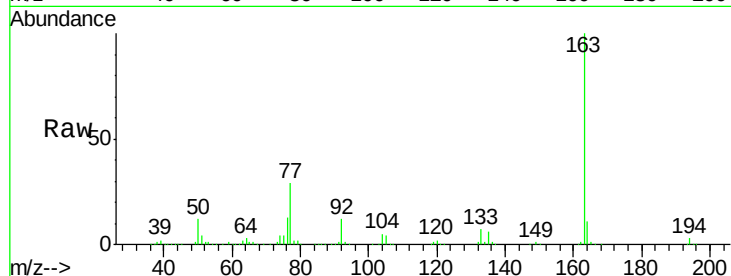




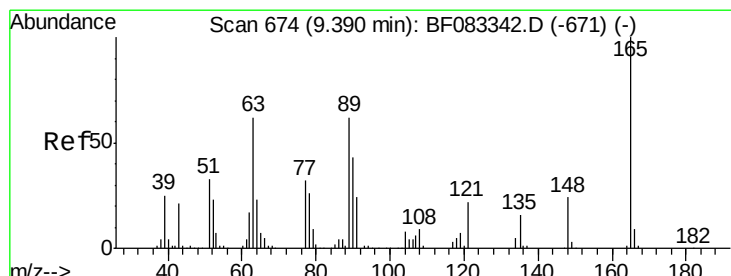
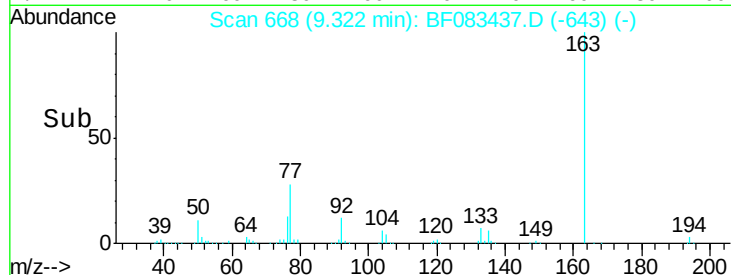
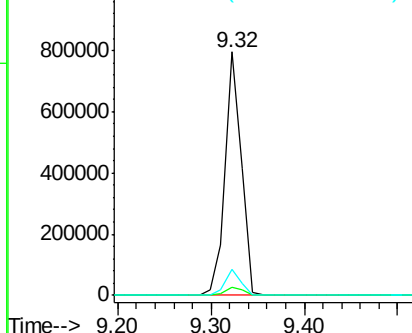
#49
Dimethylphthalate
Concen: 35.32 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 964521
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 8.8 13.2

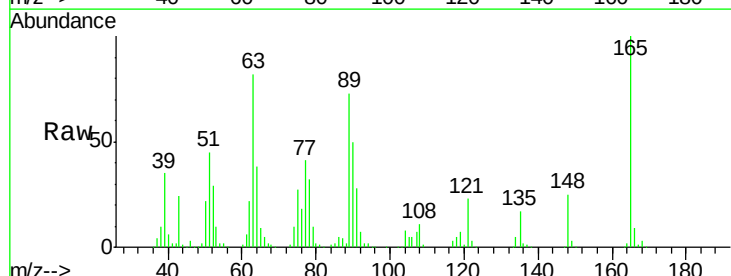


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

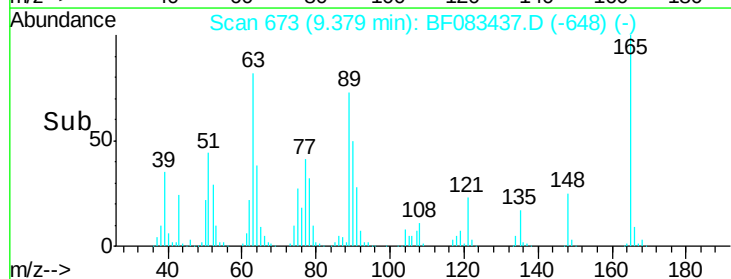
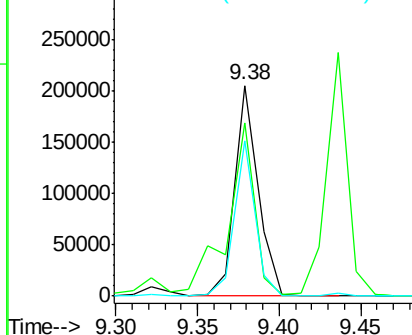


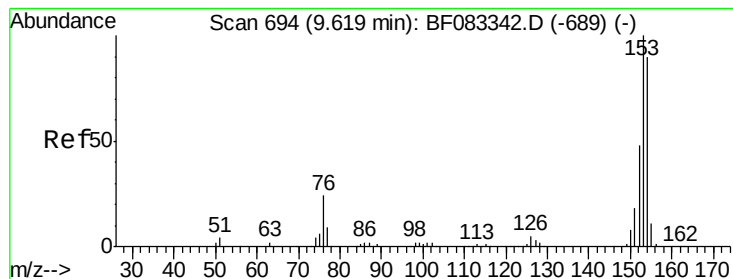
#50
2,6-Dinitrotoluene
Concen: 34.48 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:165 Resp: 201093
Ion Ratio Lower Upper
165 100
63 81.9 56.0 84.0
89 73.3 49.8 74.8



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: 35.25 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

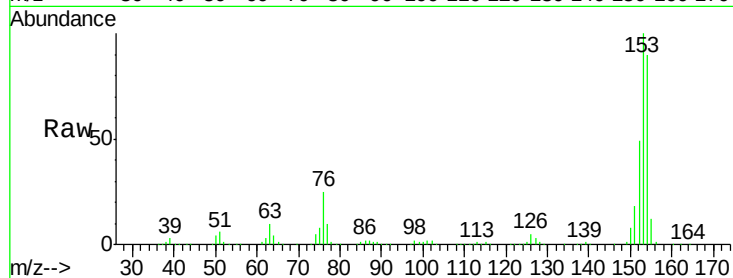
Tgt Ion:154 Resp: 742657

Ion Ratio Lower Upper

154 100

153 111.6 89.3 133.9

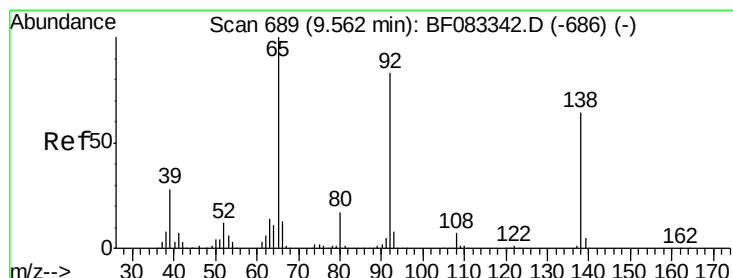
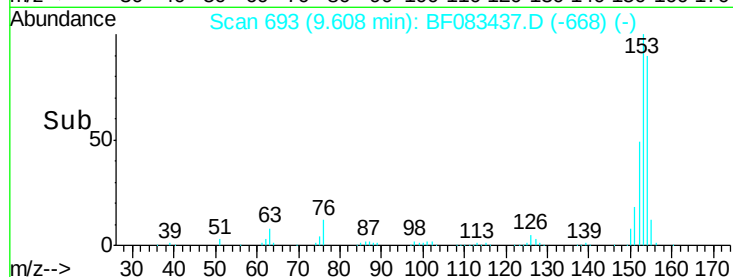
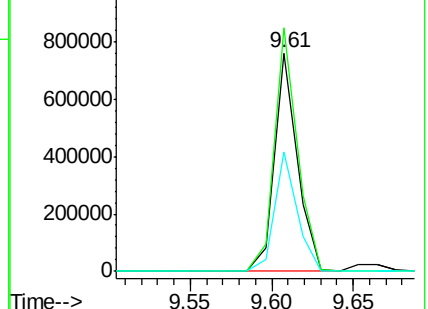
152 54.6 42.5 63.7



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: 36.28 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

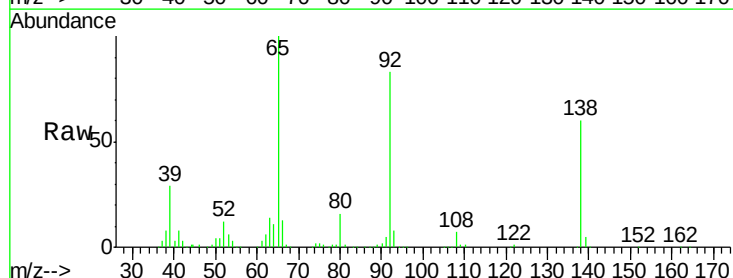
Tgt Ion:138 Resp: 248026

Ion Ratio Lower Upper

138 100

108 10.8 8.4 12.6

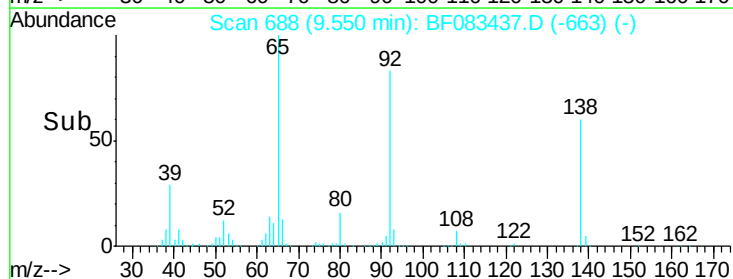
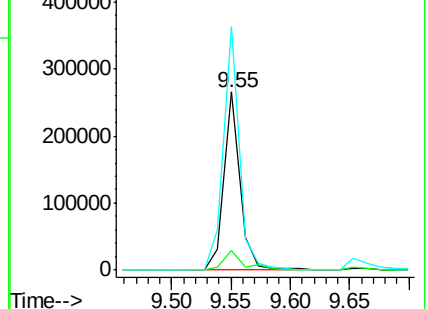
92 137.0 104.2 156.4

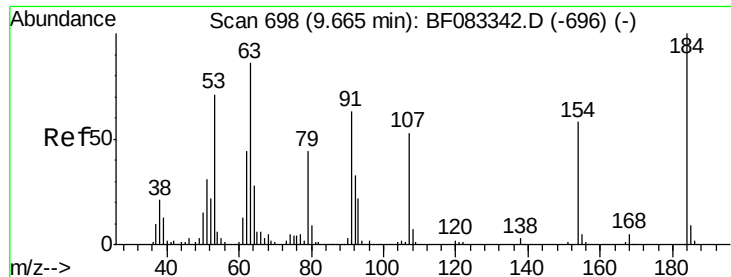


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

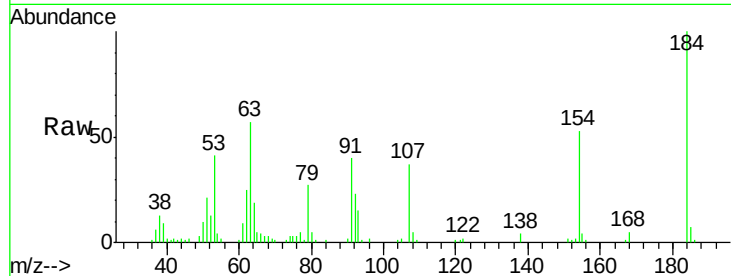




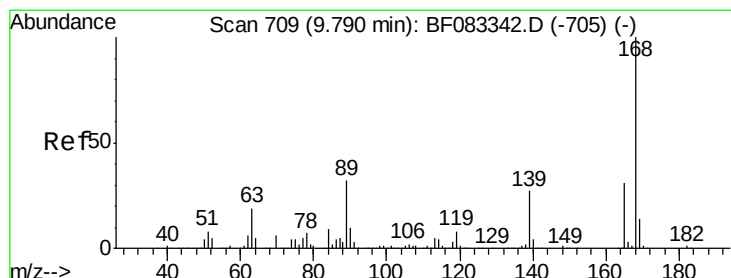
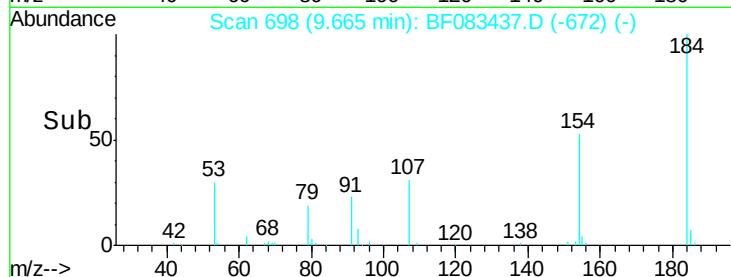
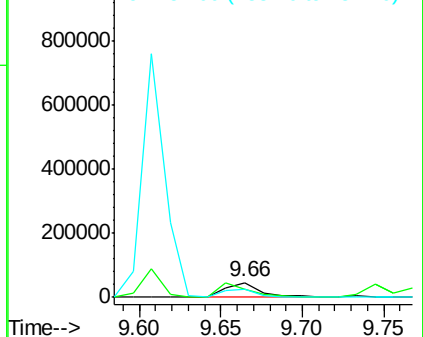
#53
 2,4-Dinitrophenol
 Concen: 24.43 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 71649
 Ion Ratio Lower Upper
 184 100
 63 56.8 69.0 103.6#
 154 53.4 50.0 75.0

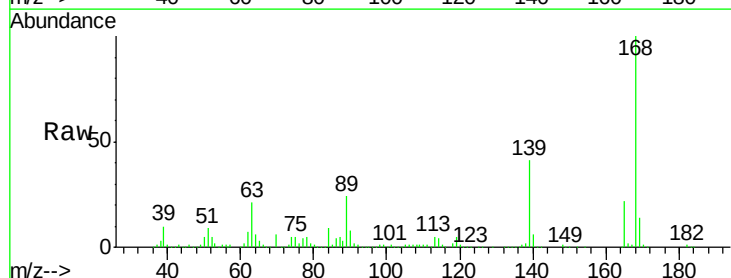


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

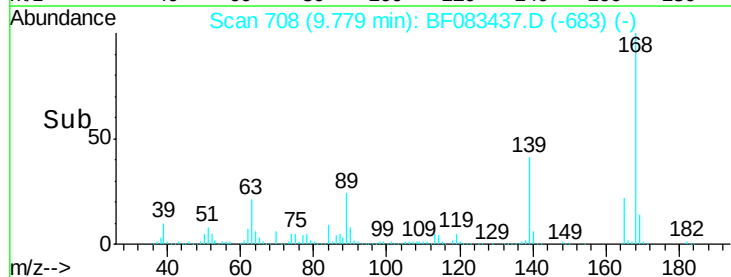
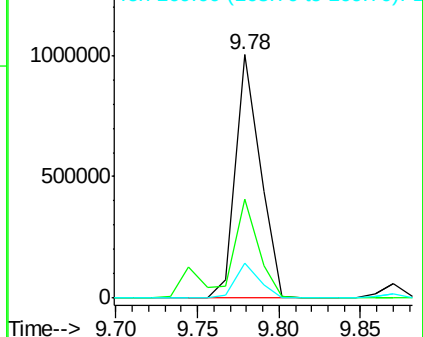


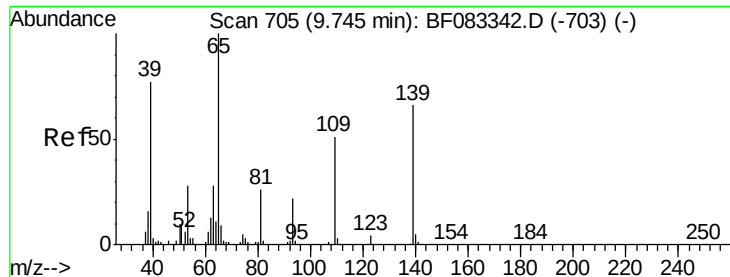
#54
 Dibenzofuran
 Concen: 34.11 ng
 RT: 9.78 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:168 Resp: 1053287
 Ion Ratio Lower Upper
 168 100
 139 40.7 32.7 49.1
 169 14.4 11.1 16.7



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: 128.00 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.03 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

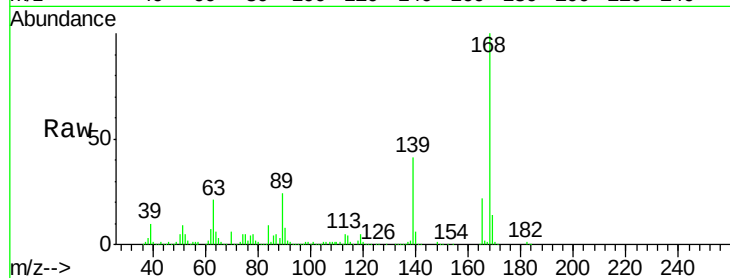
Tgt Ion:139 Resp: 547300

Ion Ratio Lower Upper

139 100

109 2.3 57.4 97.4#

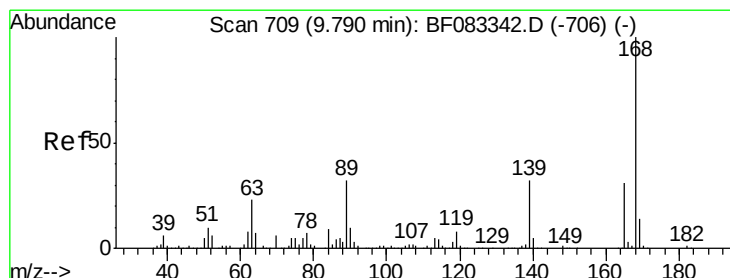
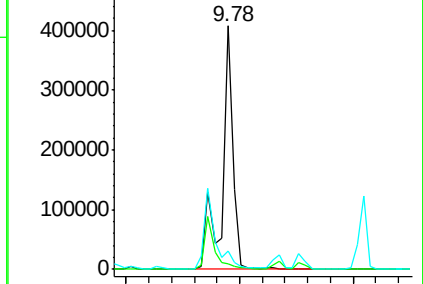
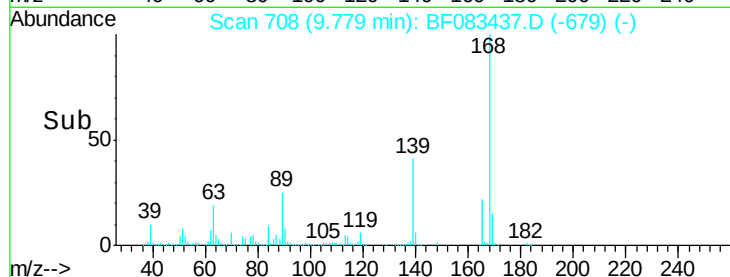
65 7.7 131.6 171.6#



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: 35.19 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:165 Resp: 260423

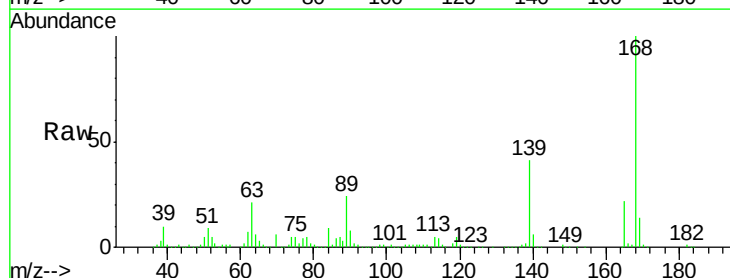
Ion Ratio Lower Upper

165 100

63 96.3 65.4 98.0

89 110.3 81.2 121.8

182 2.3 1.8 2.8

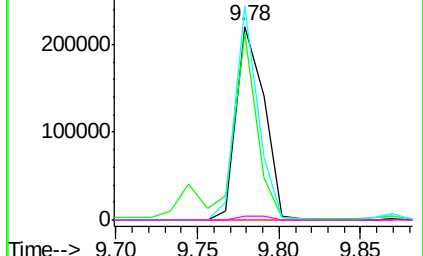
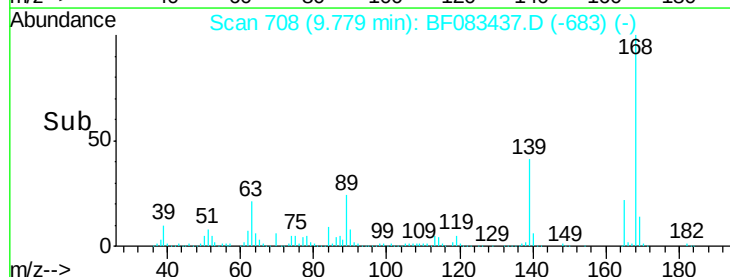


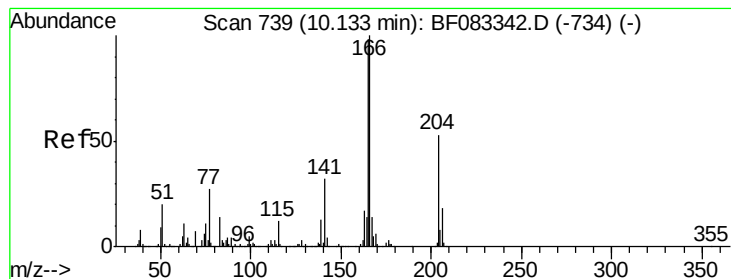
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.63 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

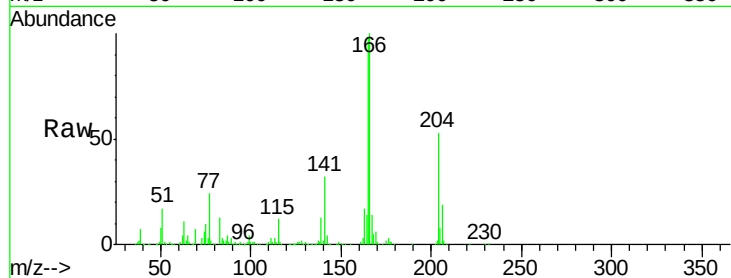
Tgt Ion:166 Resp: 868761

Ion Ratio Lower Upper

166 100

165 98.3 78.3 117.5

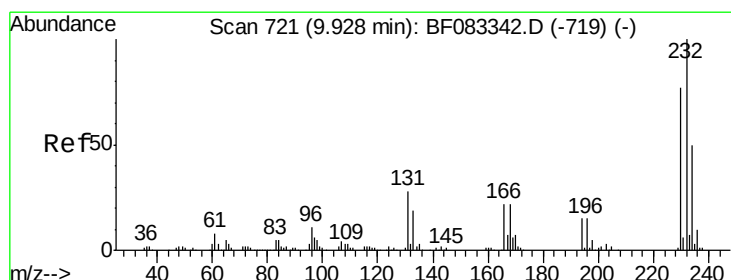
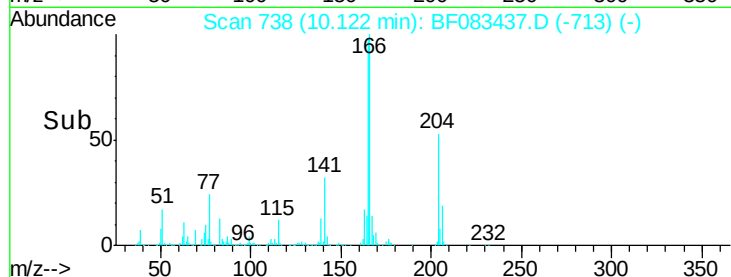
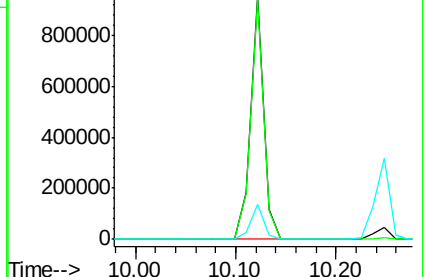
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.55 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion:232 Resp: 222073

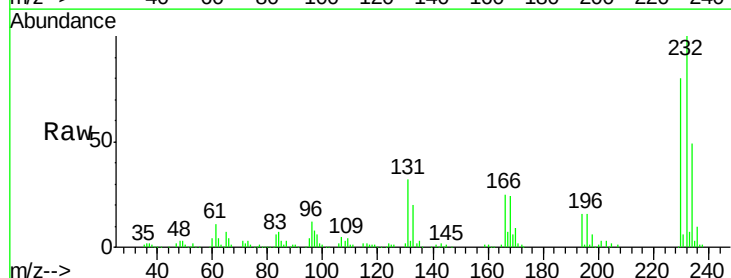
Ion Ratio Lower Upper

232 100

131 46.2 35.4 53.2

130 2.2 1.7 2.5

166 29.7 23.3 34.9

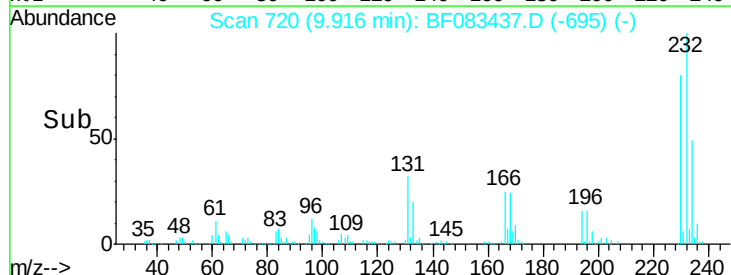
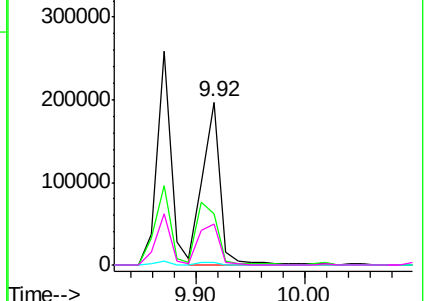


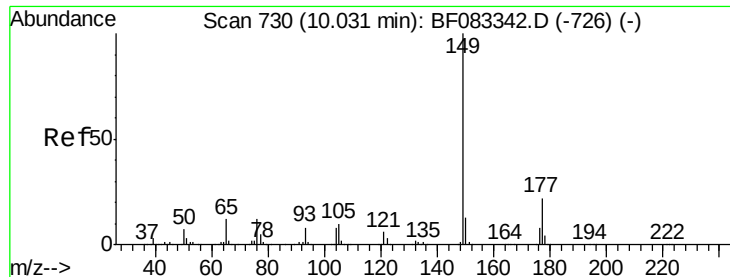
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

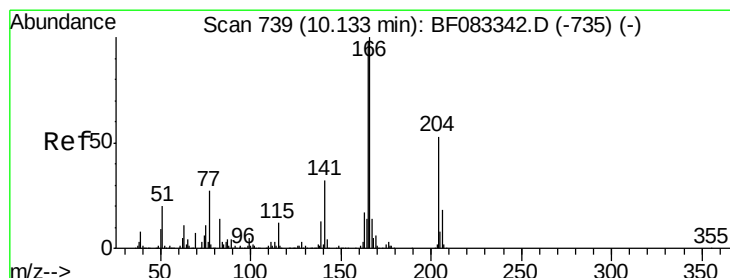
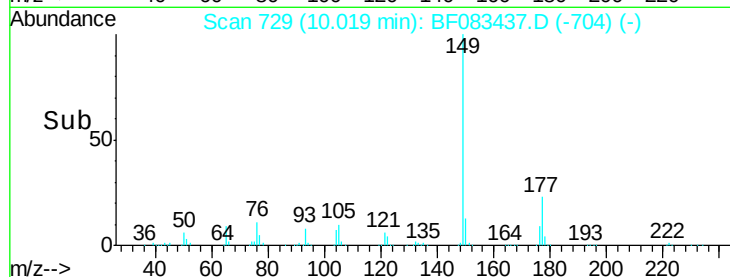
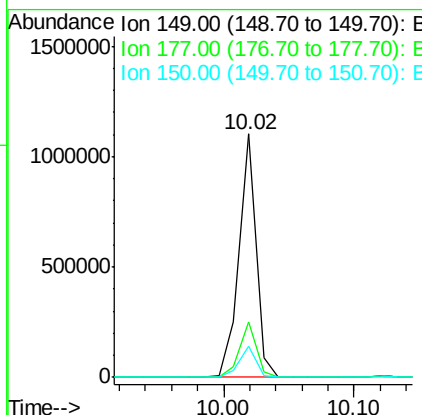
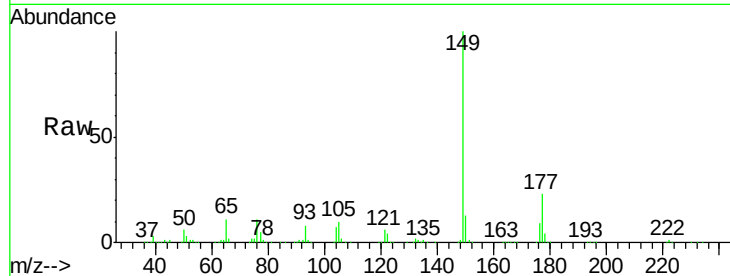




#59
Diethylphthalate
Concen: 38.43 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

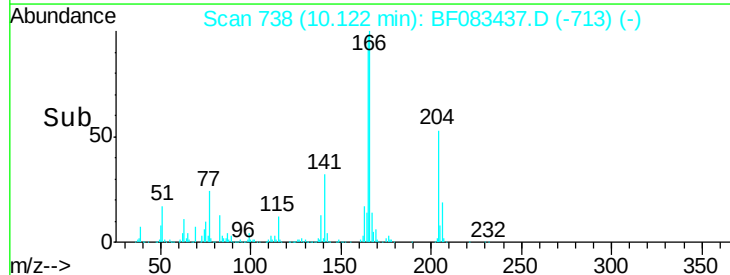
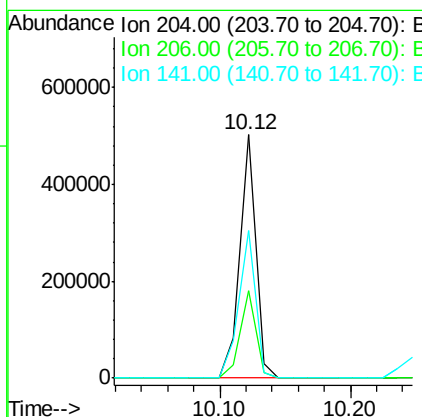
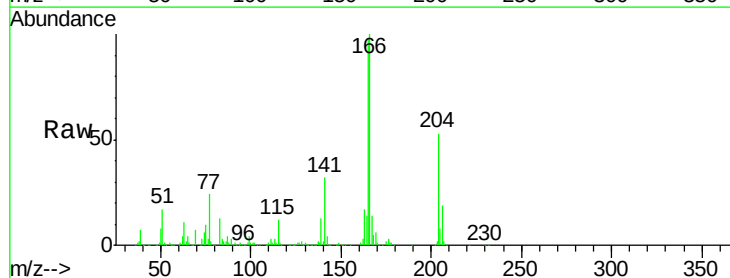
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

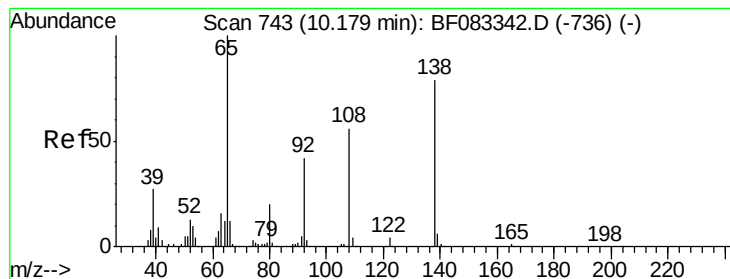
Tgt Ion:149 Resp: 1000475
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 37.86 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:204 Resp: 424133
Ion Ratio Lower Upper
204 100
206 35.7 27.5 41.3
141 60.9 48.1 72.1





#61

4-Nitroaniline

Concen: 39.73 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

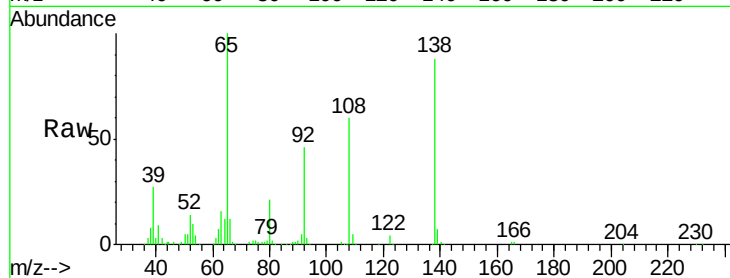
Tgt Ion:138 Resp: 271748

Ion Ratio Lower Upper

138 100

92 52.3 33.6 73.6

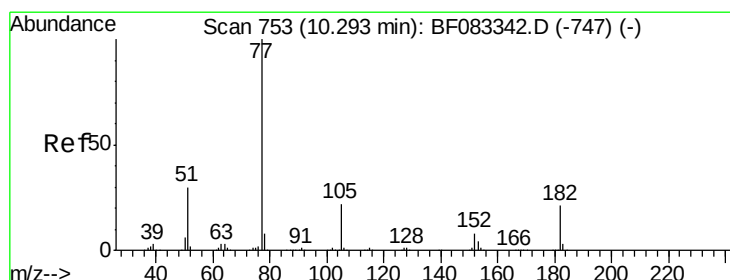
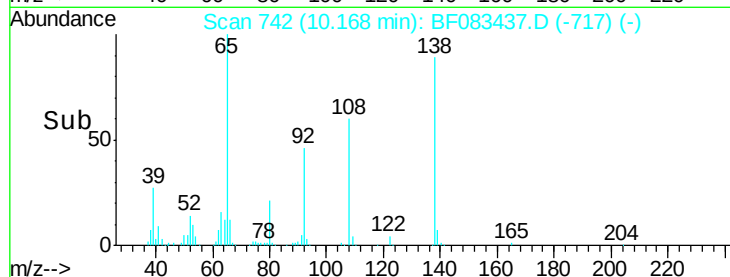
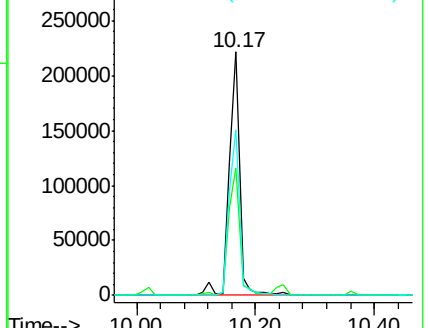
108 68.1 51.0 91.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.76 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Tgt Ion: 77 Resp: 1218716

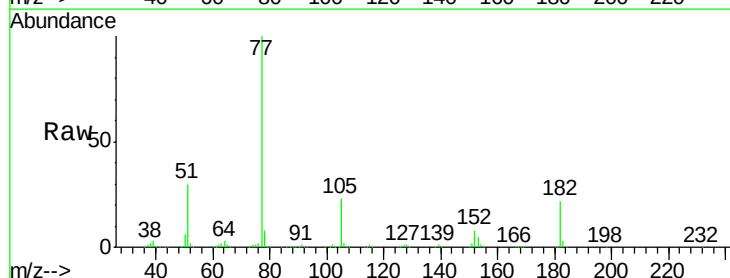
Ion Ratio Lower Upper

77 100

182 22.3 0.8 40.8

105 22.9 2.3 42.3

51 29.6 10.6 50.6

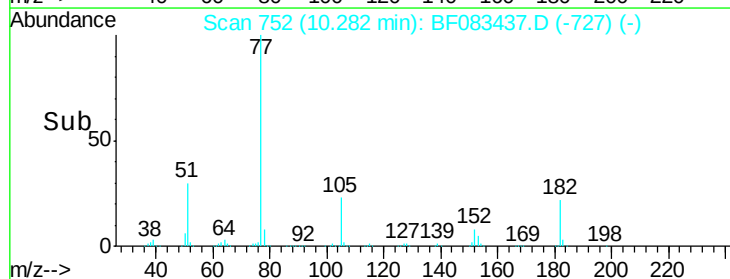
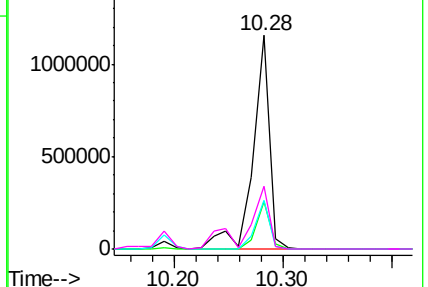


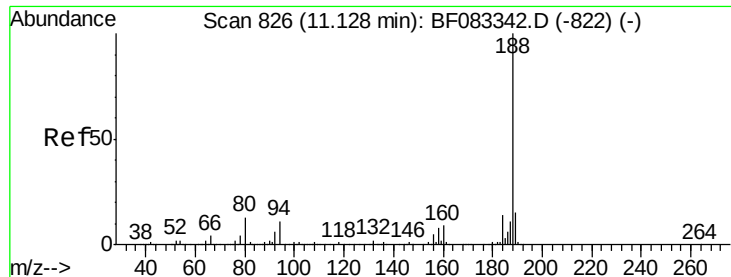
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

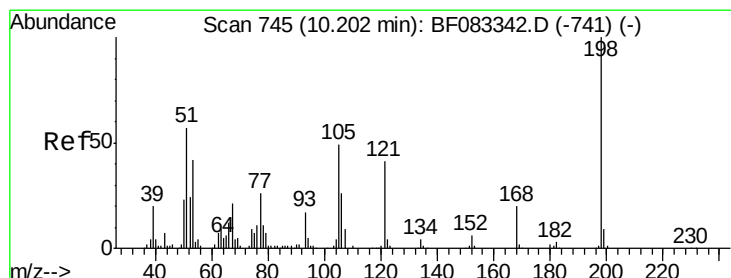
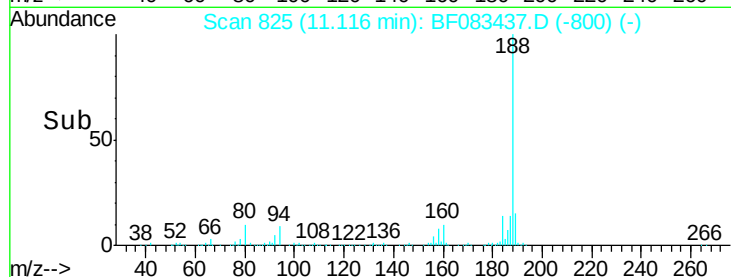
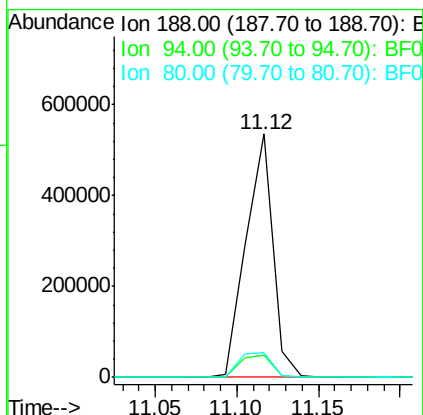
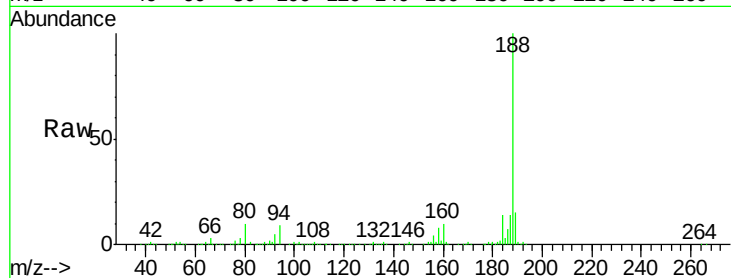




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

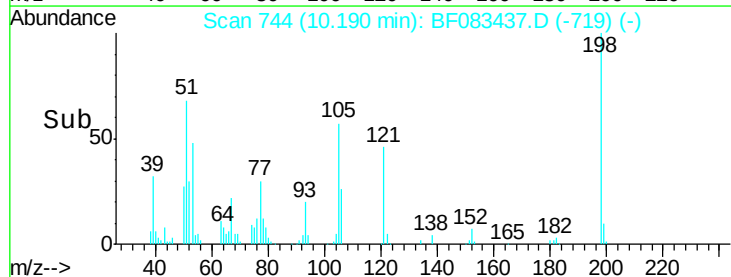
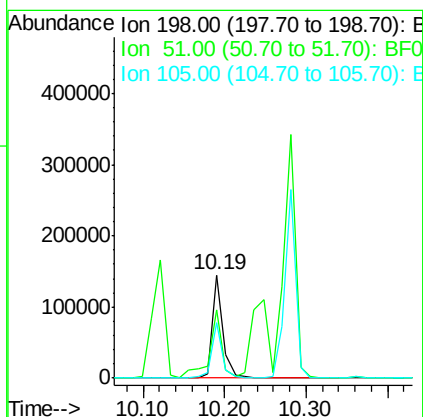
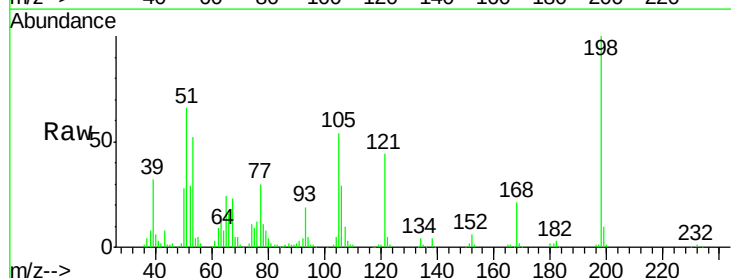
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

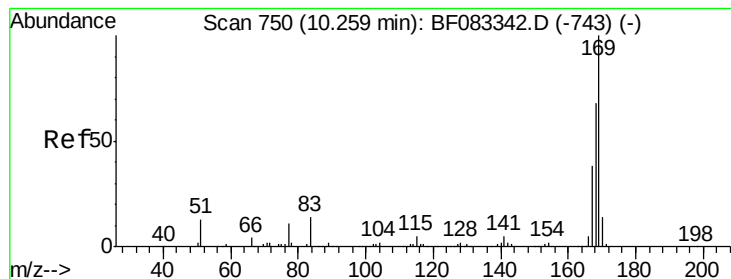
Tgt Ion:188 Resp: 613036
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.0 10.3 15.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.00 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:198 Resp: 135838
Ion Ratio Lower Upper
198 100
51 65.5 38.3 78.3
105 54.1 29.2 69.2





#65

n-Nitrosodiphenylamine

Concen: 40.25 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

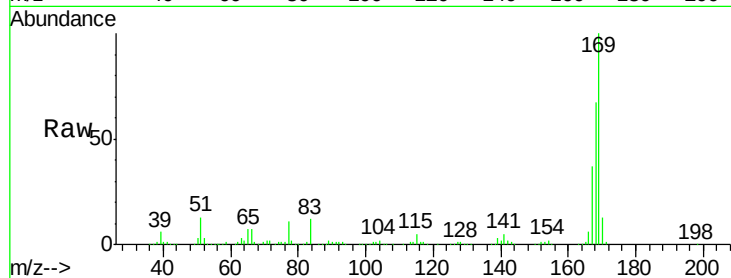
Tgt Ion:169 Resp: 867195

Ion Ratio Lower Upper

169 100

168 67.1 54.8 82.2

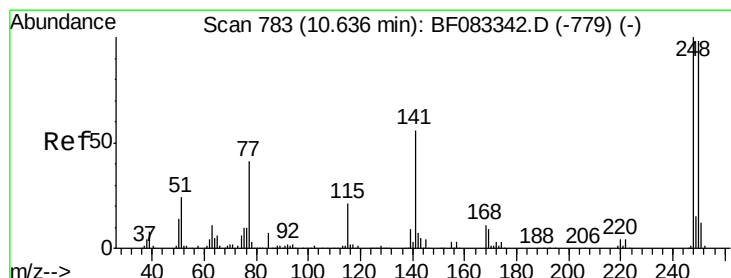
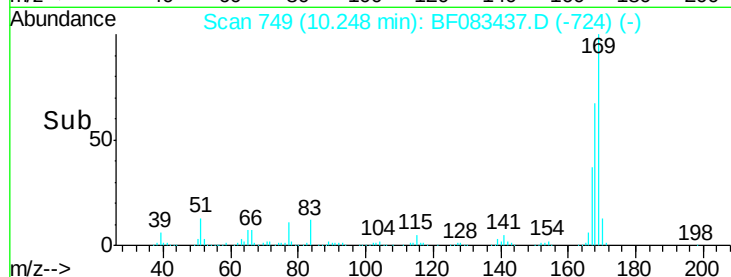
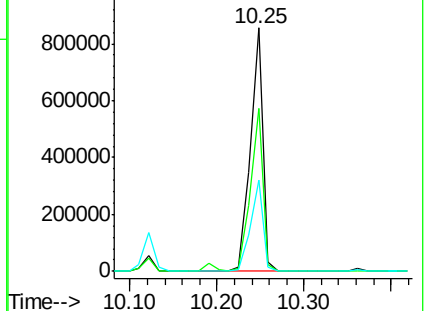
167 37.3 30.2 45.2



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: 38.71 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

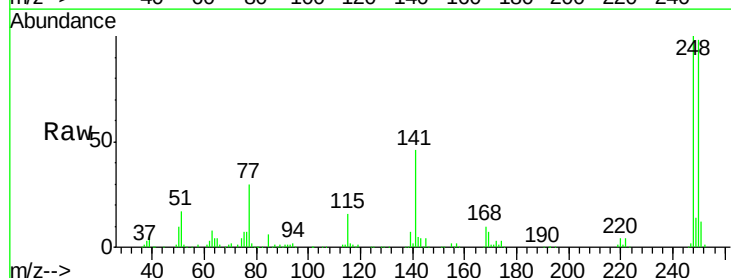
Tgt Ion:248 Resp: 259593

Ion Ratio Lower Upper

248 100

250 97.6 78.6 118.0

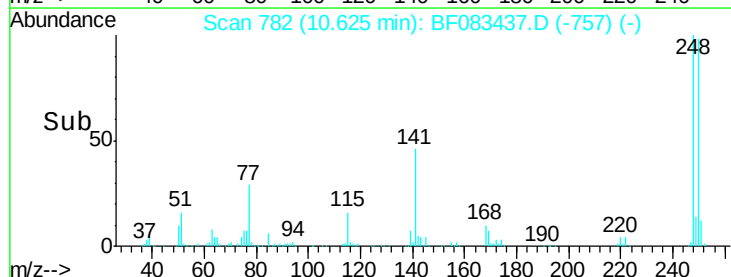
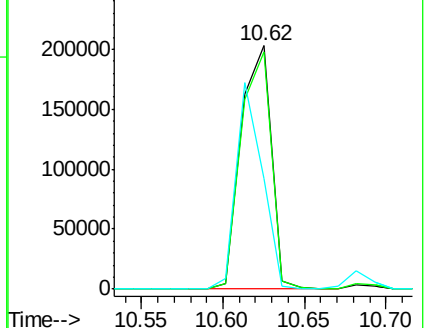
141 45.6 44.4 66.6

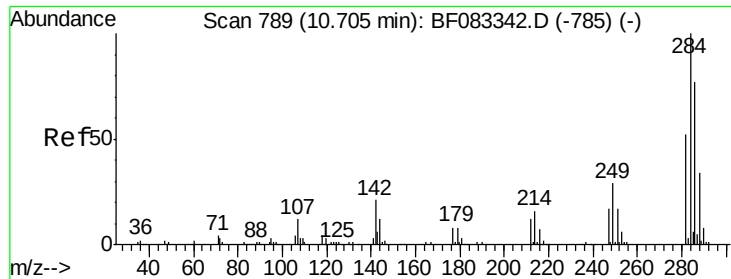


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

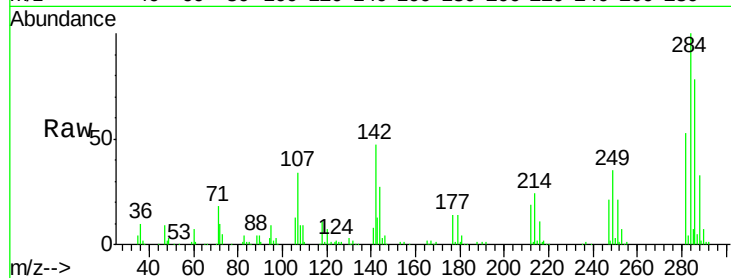




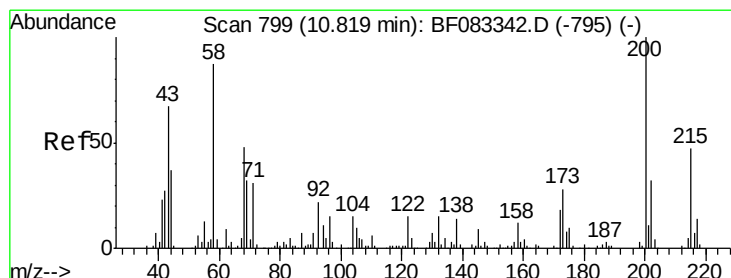
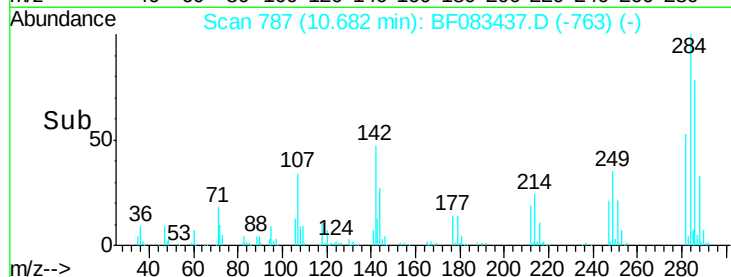
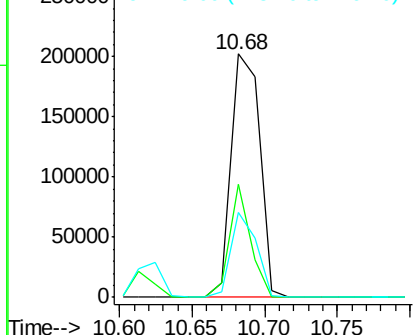
#67
Hexachlorobenzene
Concen: 37.35 ng
RT: 10.68 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 276977
Ion Ratio Lower Upper
284 100
142 46.6 16.6 24.8#
249 34.7 23.0 34.4#

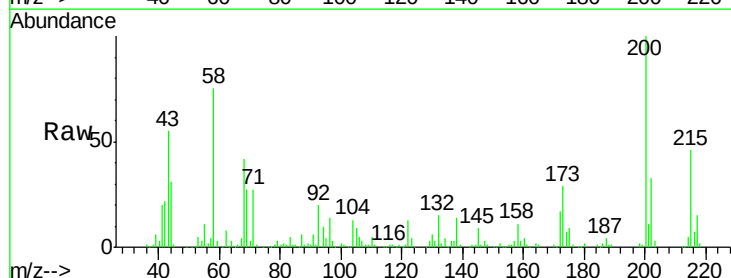


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

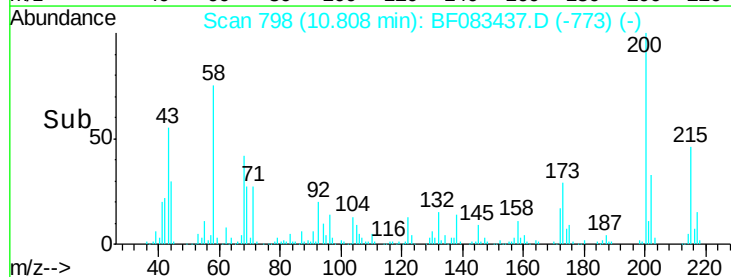
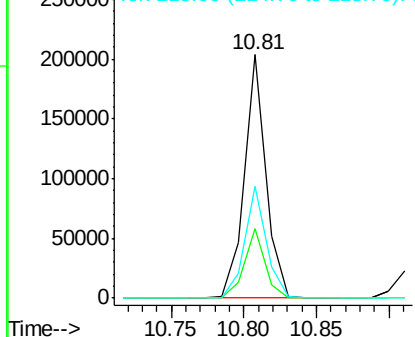


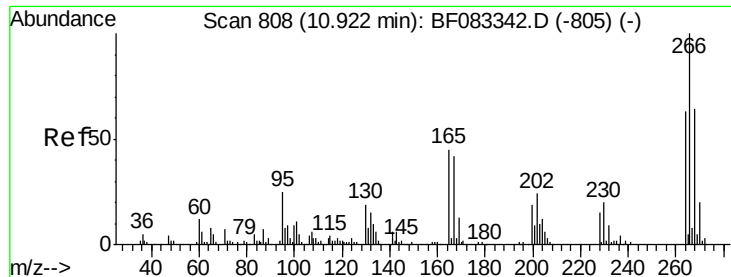
#68
Atrazine
Concen: 35.19 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:200 Resp: 209683
Ion Ratio Lower Upper
200 100
173 28.5 8.3 48.3
215 45.9 26.7 66.7



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

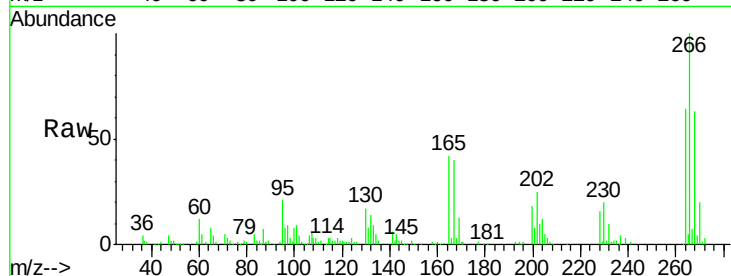




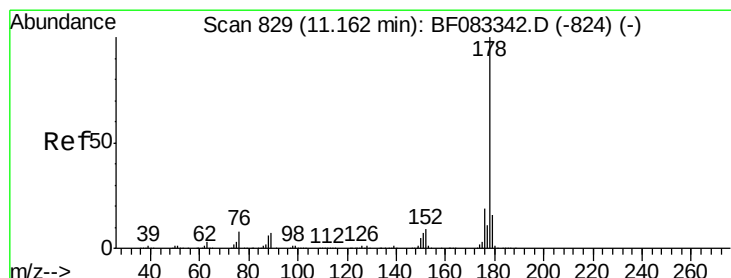
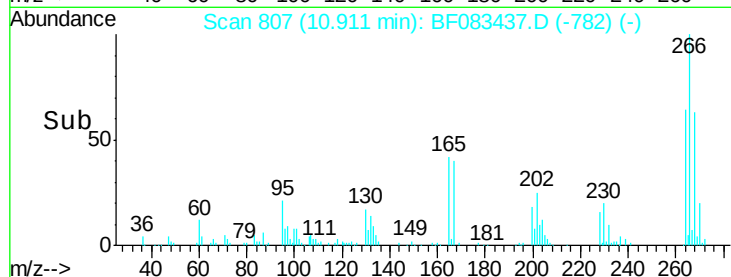
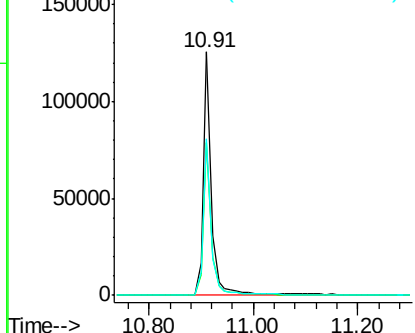
#69
 Pentachlorophenol
 Concen: 35.73 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 138772
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.5 77.3
 264 64.2 50.4 75.6

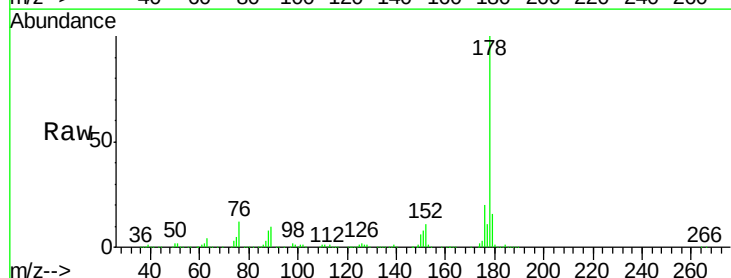


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

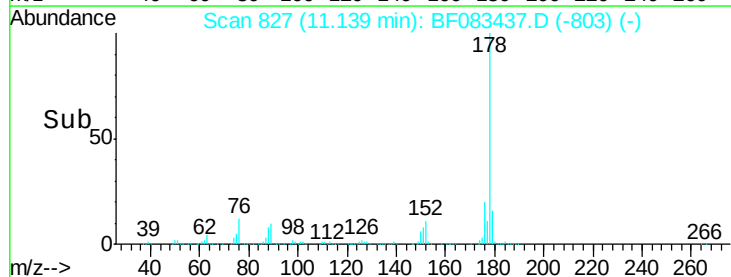
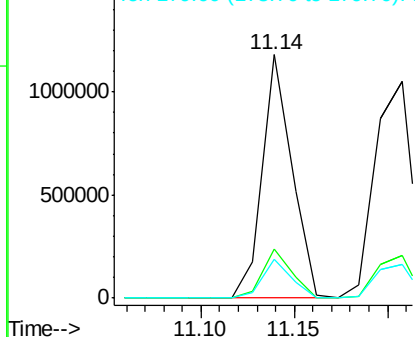


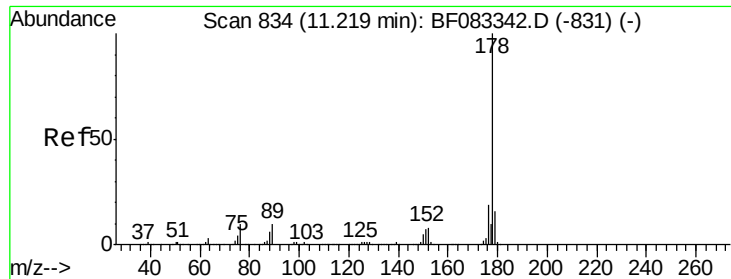
#70
 Phenanthrene
 Concen: 35.91 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:178 Resp: 1302752
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 16.1 12.4 18.6



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

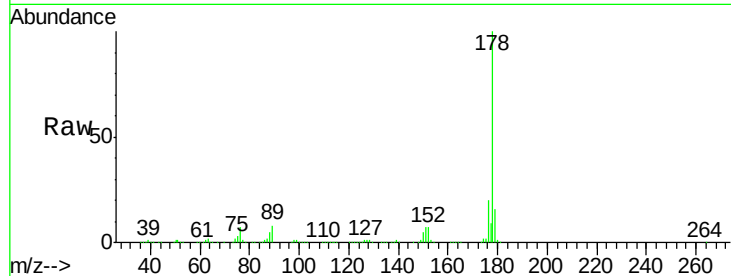




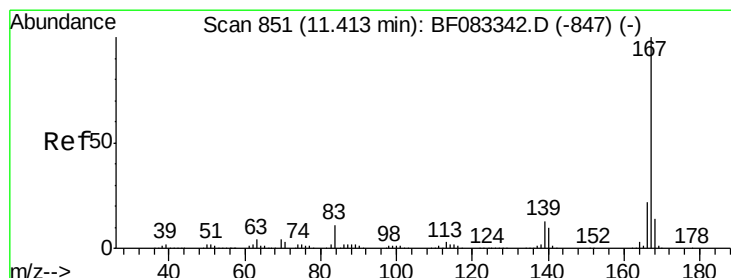
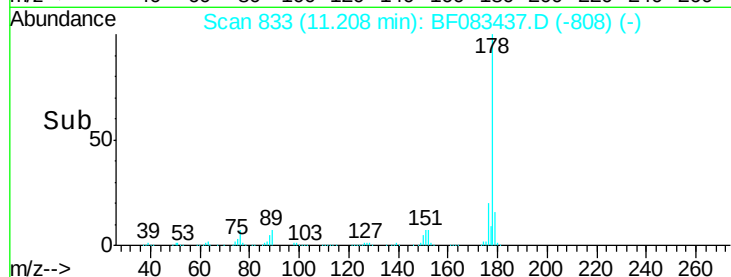
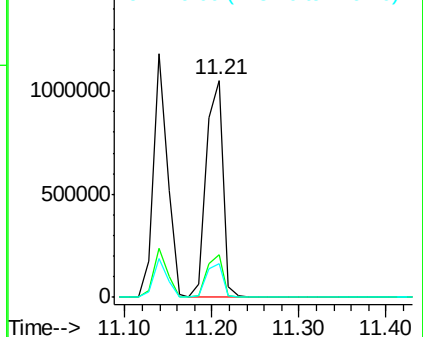
#71
 Anthracene
 Concen: 38.53 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1407178
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.7 12.8 19.2

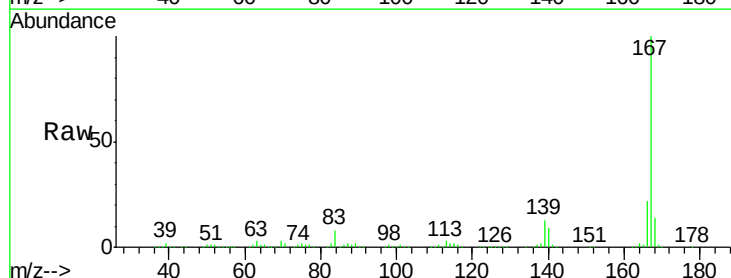


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

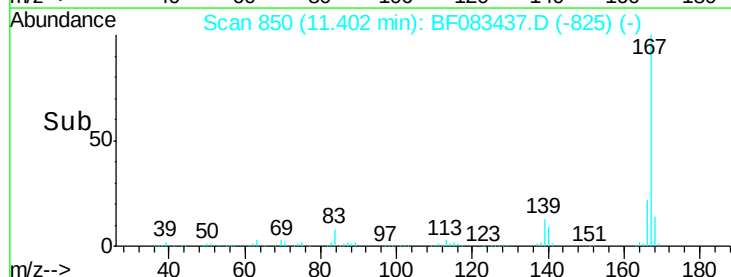
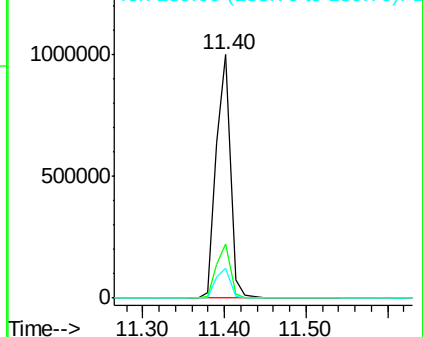


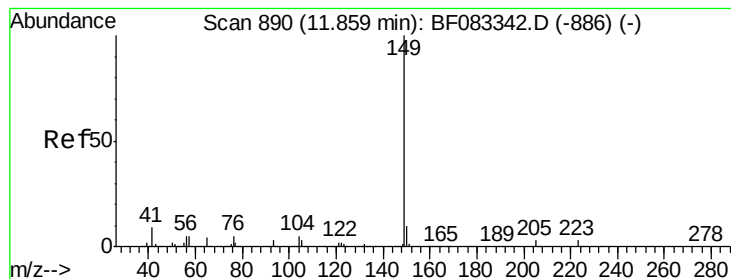
#72
 Carbazole
 Concen: 36.95 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:167 Resp: 1212562
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.5 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 11.84 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

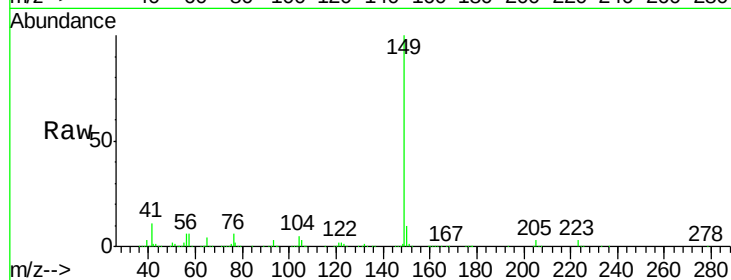
Tgt Ion:149 Resp: 1510197

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

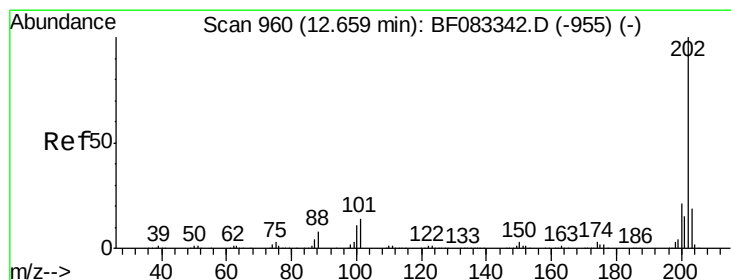
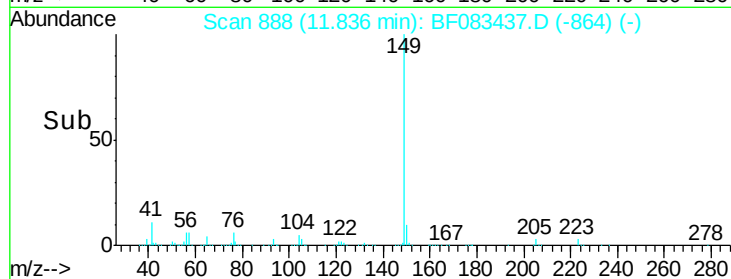
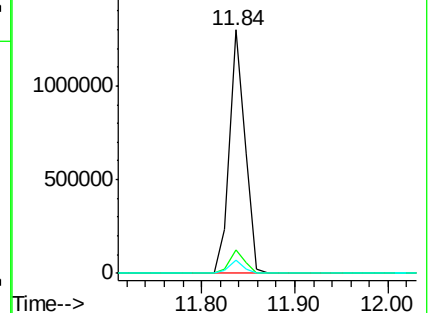
104 5.4 4.0 6.0



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: 34.71 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

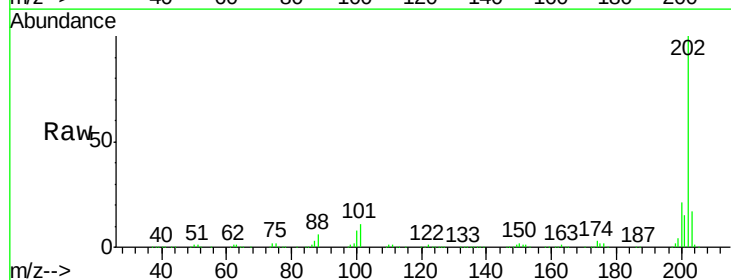
Tgt Ion:202 Resp: 1305182

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.5

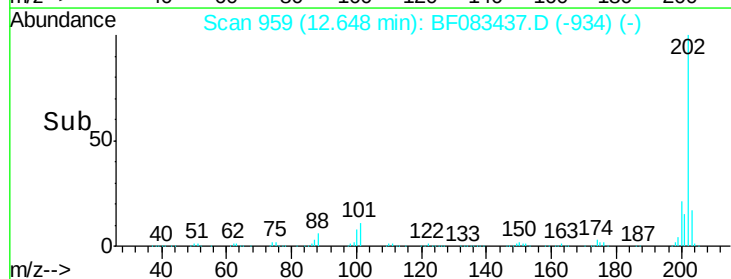
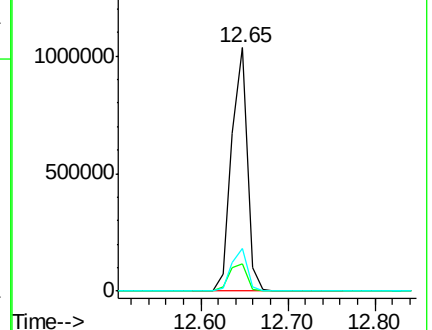
203 17.4 0.0 38.7

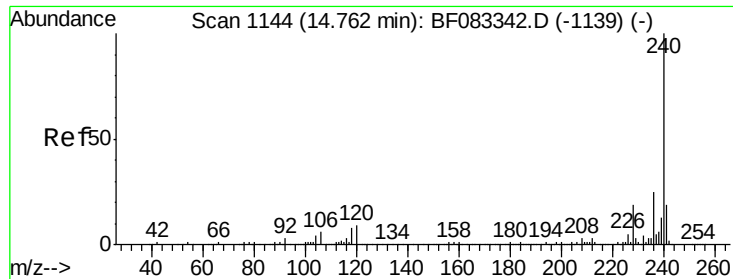


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

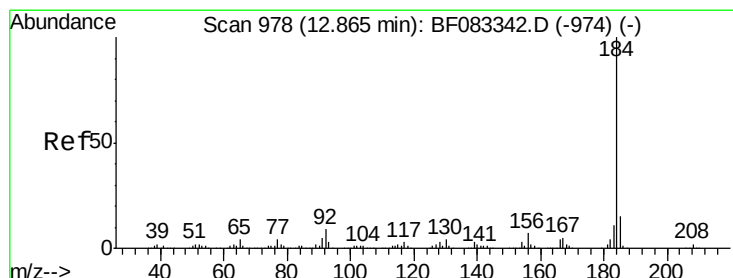
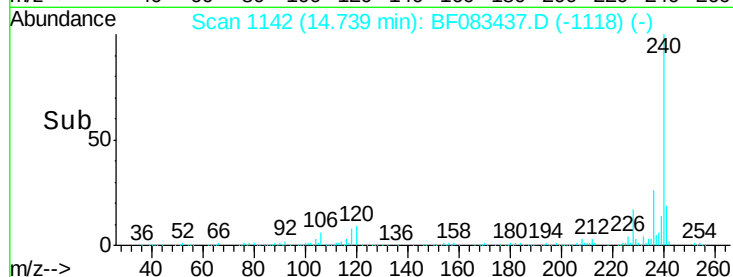
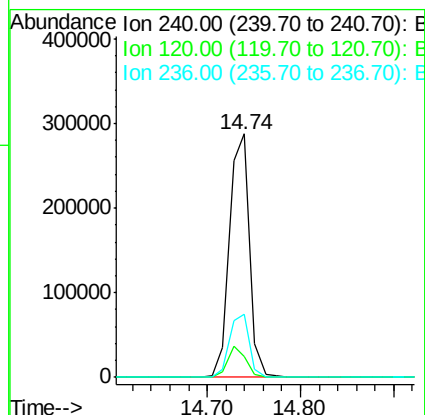
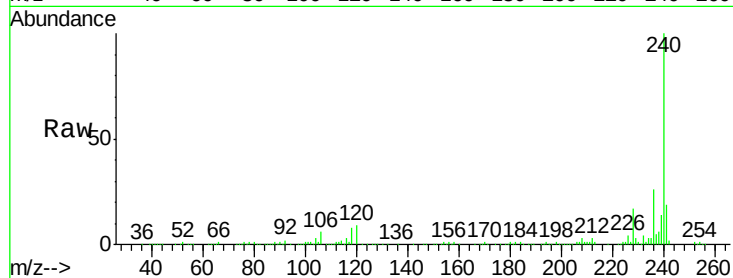




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

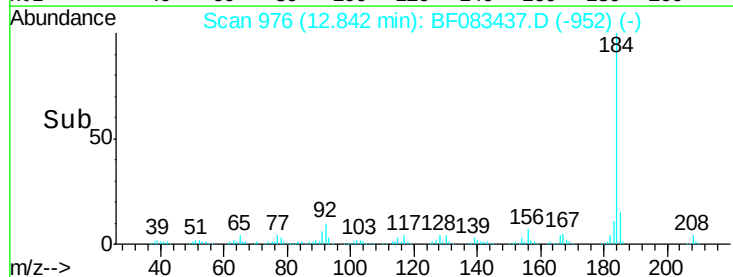
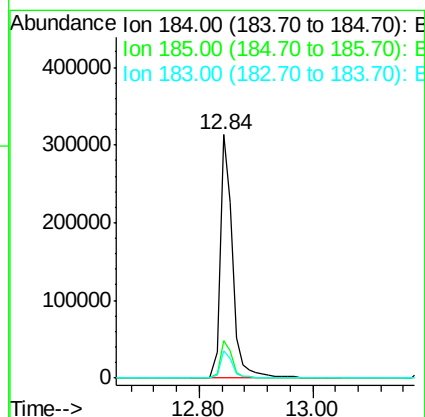
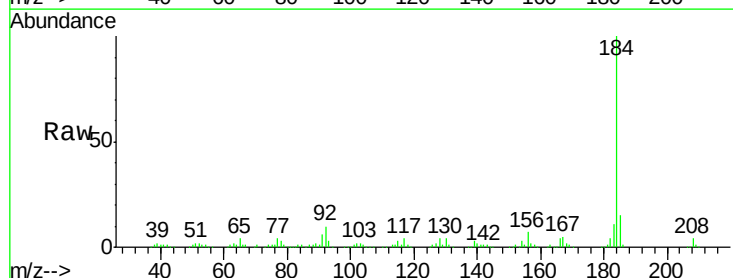
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

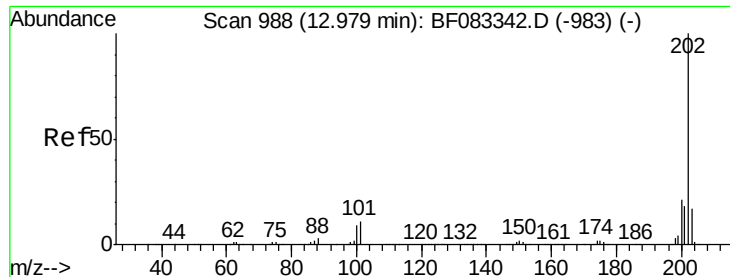
Tgt Ion:240 Resp: 431154
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.9 10.3
 236 25.7 19.8 29.6



#76
 Benzidine
 Concen: 36.70 ng
 RT: 12.84 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:184 Resp: 471258
 Ion Ratio Lower Upper
 184 100
 185 15.2 12.4 18.6
 183 11.3 9.0 13.4

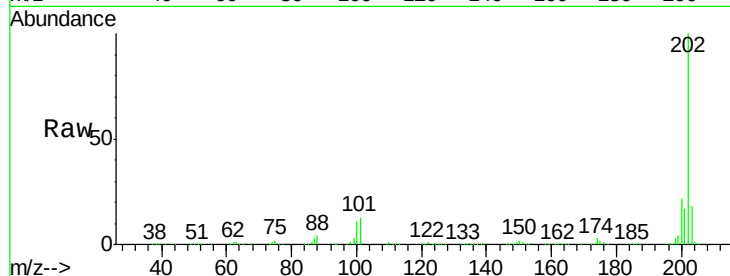




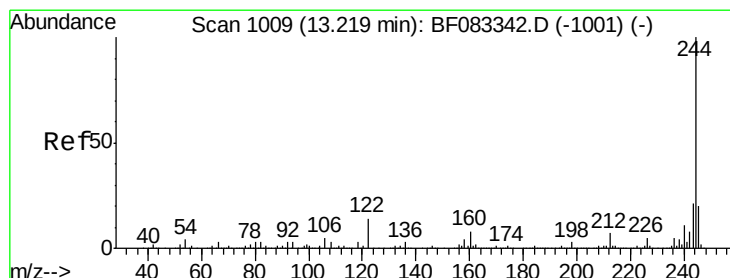
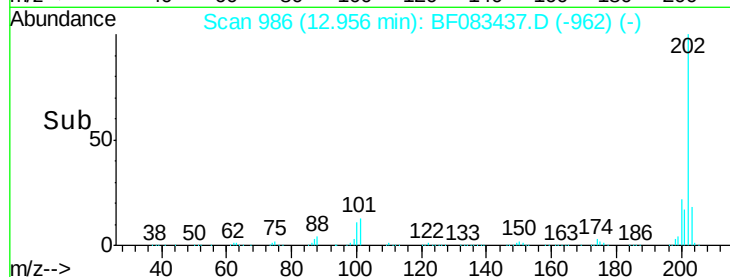
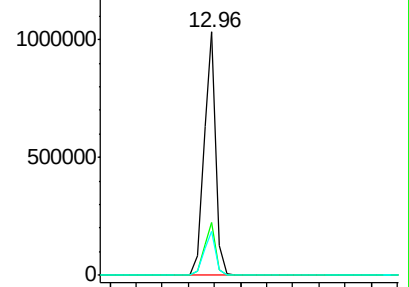
#77
Pyrene
 Concen: 43.01 ng
 RT: 12.96 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1295086
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.9 25.3
 203 18.0 13.9 20.9

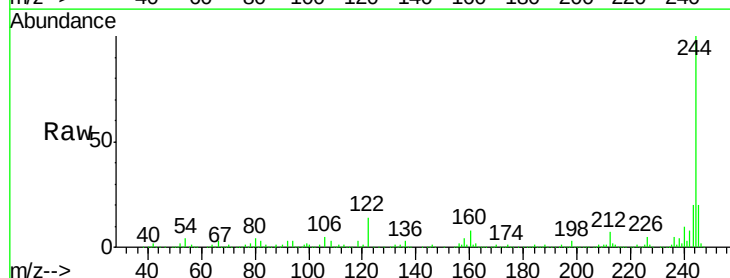


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

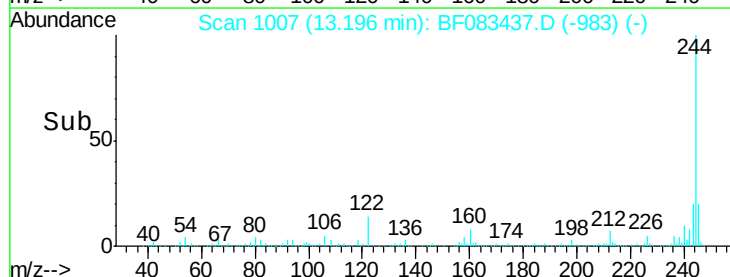
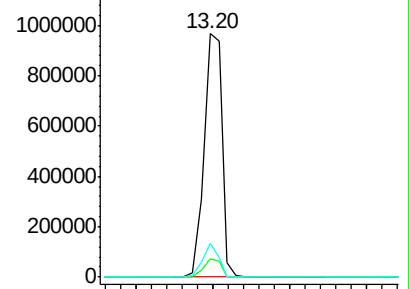


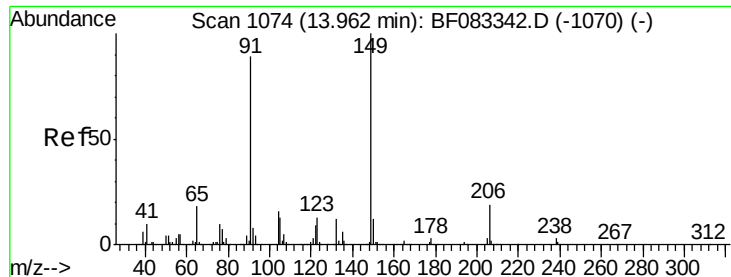
#78
Terphenyl-d14
 Concen: 87.27 ng
 RT: 13.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion:244 Resp: 1577747
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 14.1 11.0 16.4



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

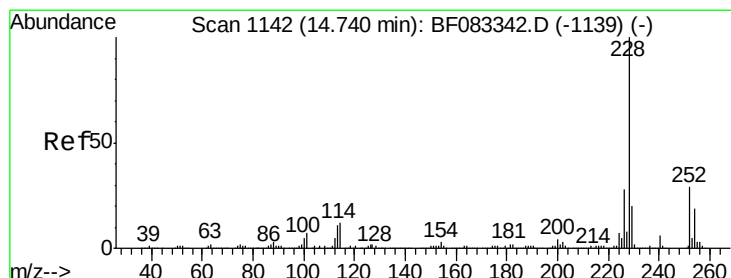
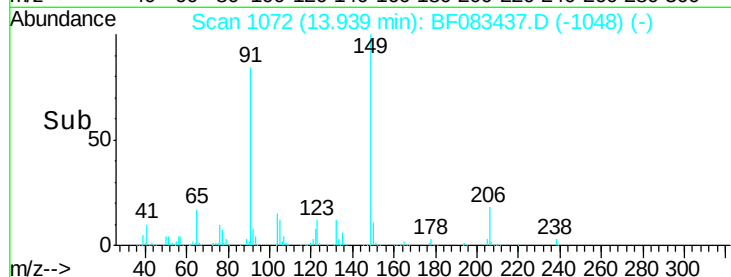
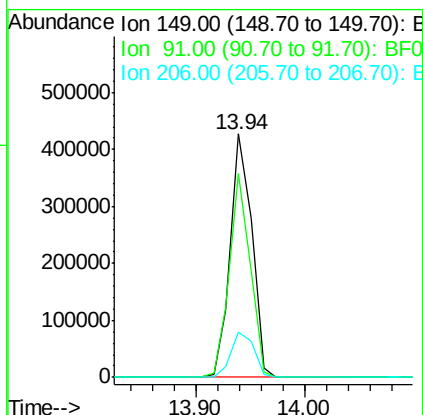
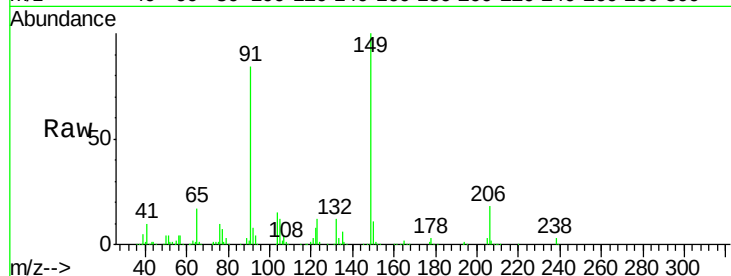




#79
Butylbenzylphthalate
Concen: 45.61 ng
RT: 13.94 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

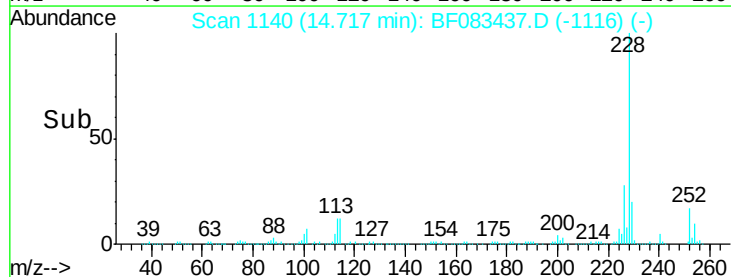
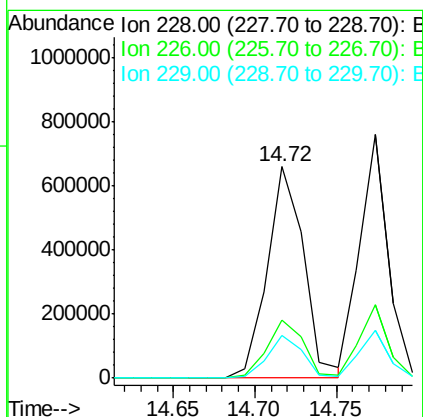
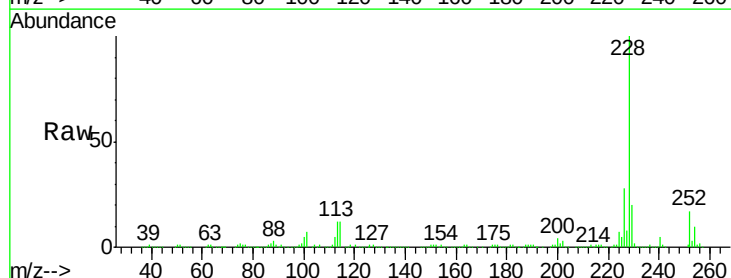
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

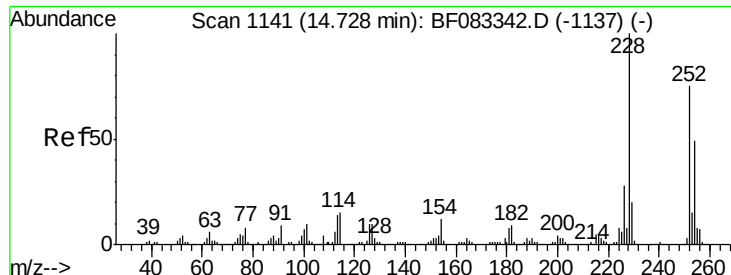
Tgt Ion:149 Resp: 582593
Ion Ratio Lower Upper
149 100
91 84.0 71.4 107.2
206 18.3 15.1 22.7



#80
Benzo(a)anthracene
Concen: 38.89 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:228 Resp: 1027200
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.3 16.1 24.1

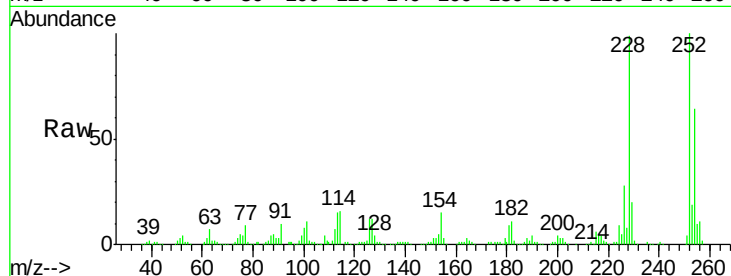




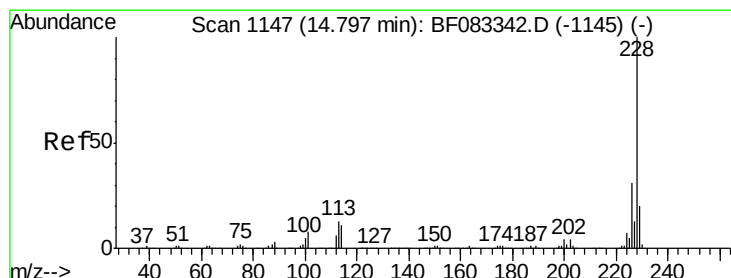
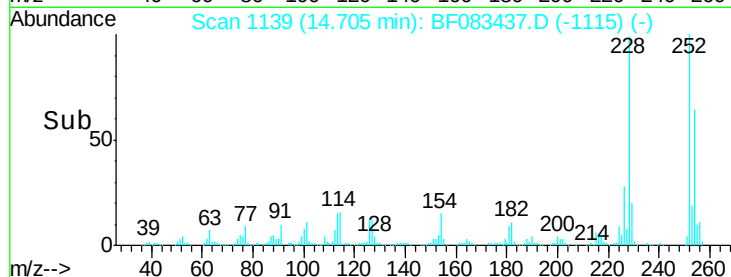
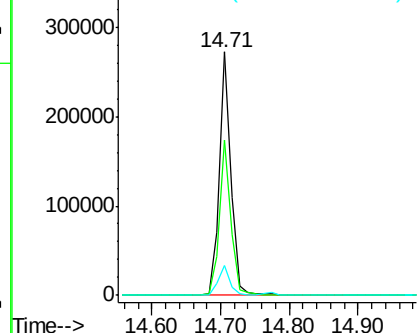
#81
 3,3'-Dichlorobenzidine
 Concen: 39.73 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 327814
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.0 78.0
 126 12.5 10.7 16.1

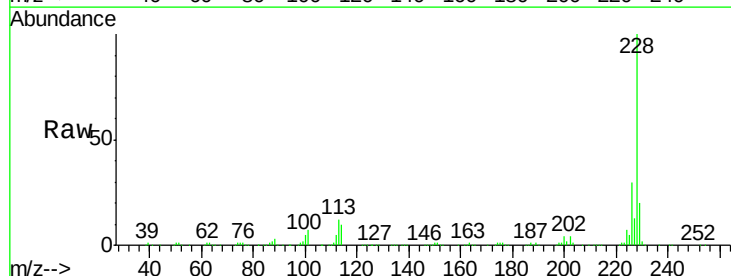


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

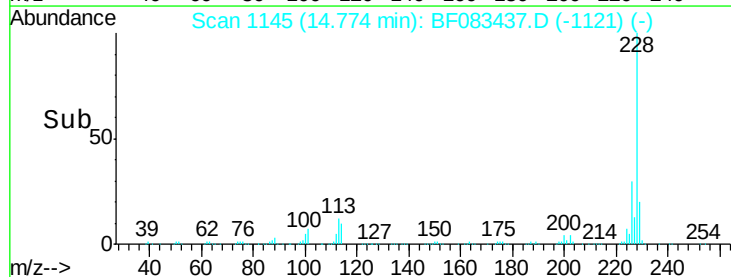
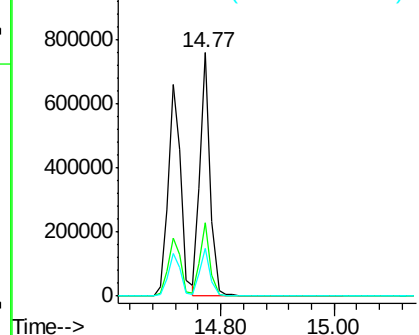


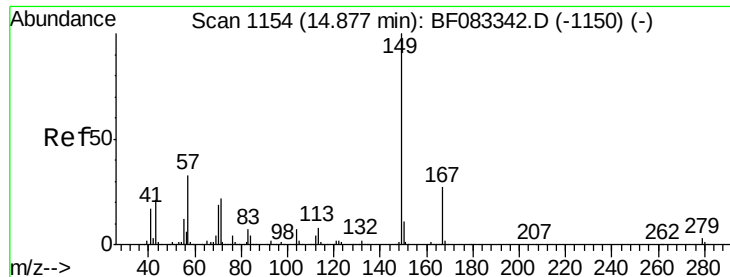
#82
 Chrysene
 Concen: 36.82 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion: 228 Resp: 939789
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 37.0
 229 19.8 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: 46.41 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

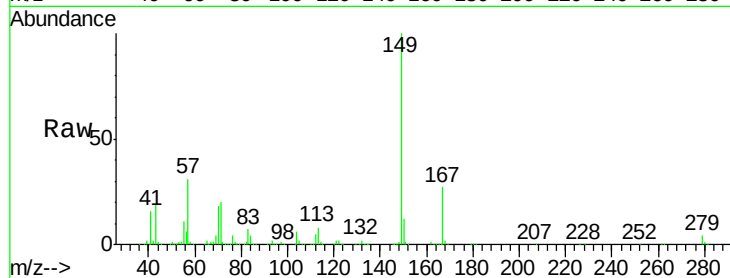
Tgt Ion:149 Resp: 795305

Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

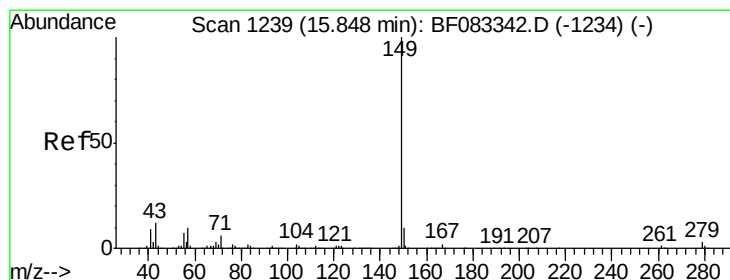
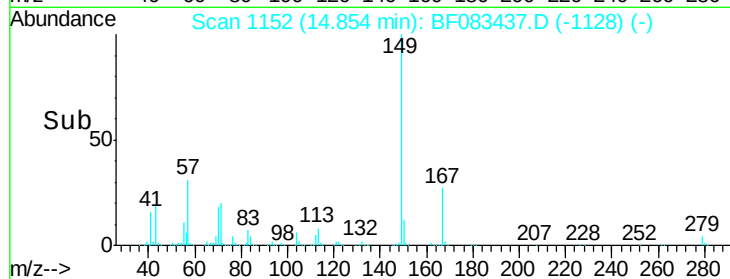
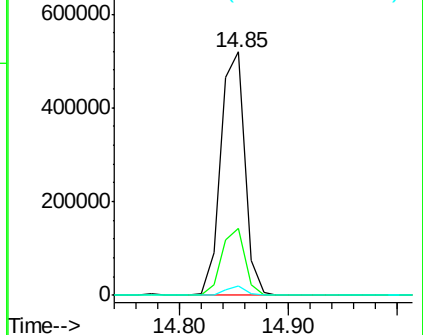
279 3.6 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.74 ng

RT: 15.81 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

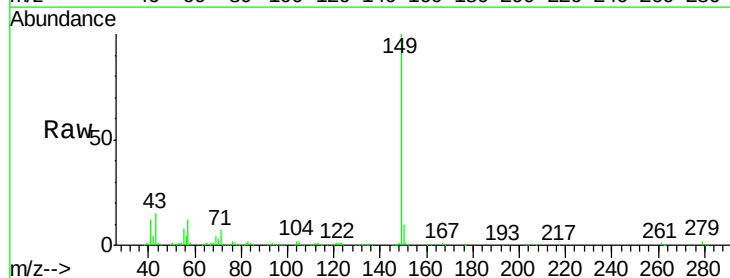
Tgt Ion:149 Resp: 1243529

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

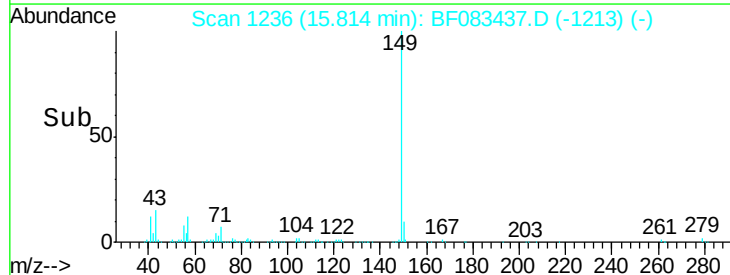
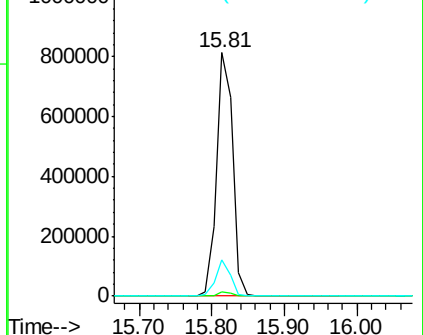
43 13.8 11.0 16.6

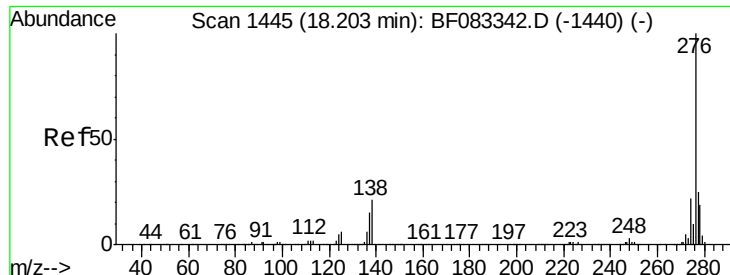


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

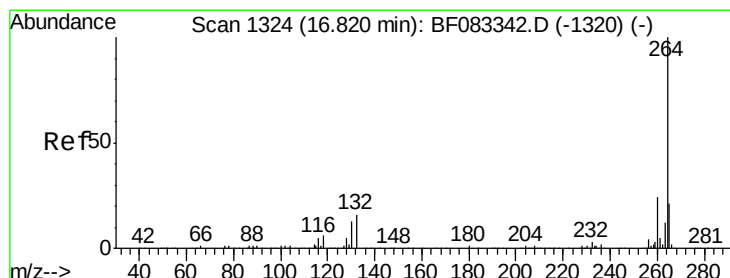
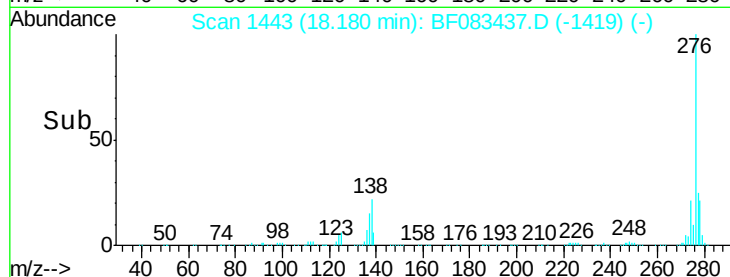
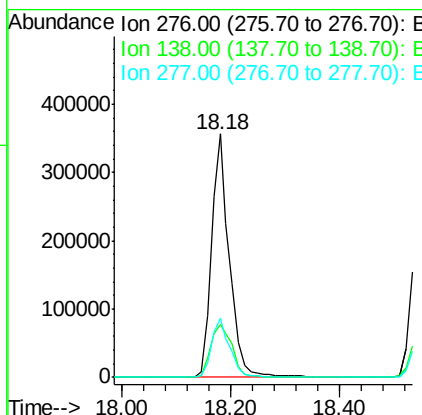
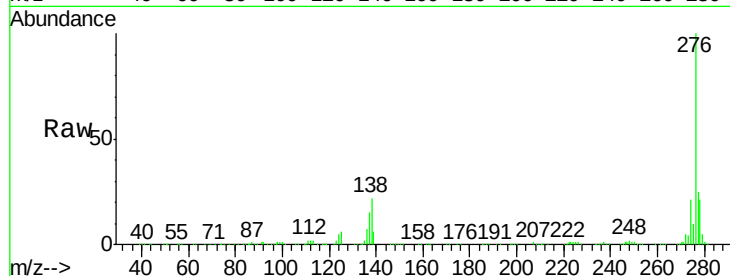




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.02 ng
 RT: 18.18 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

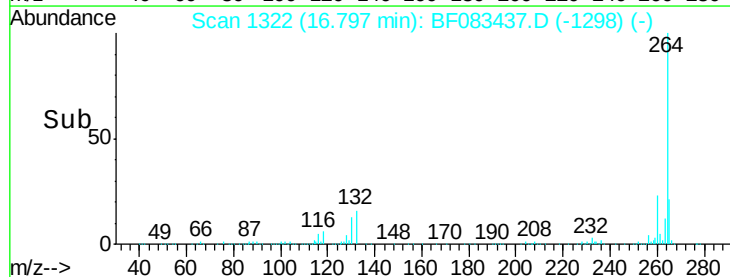
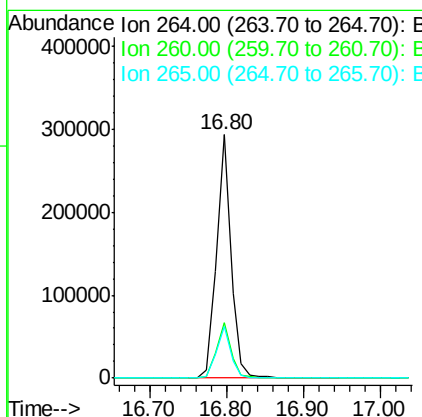
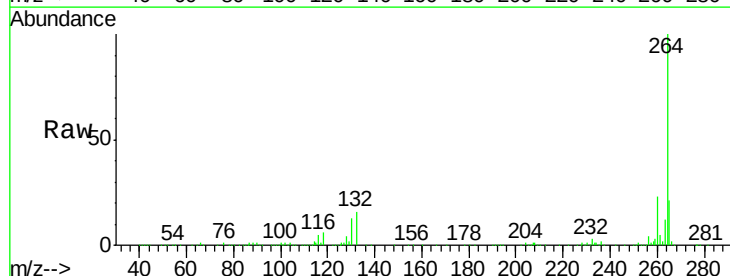
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

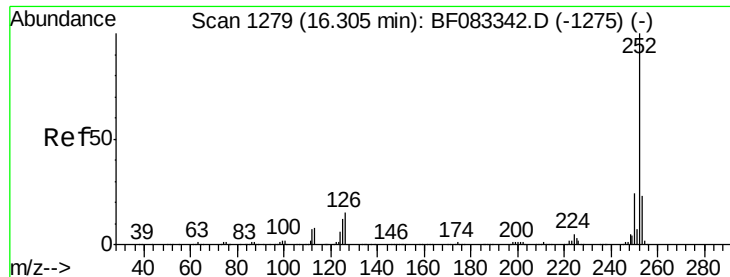
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083437.D
 Acq: 3 Dec 2015 1:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.3	16.8	25.2

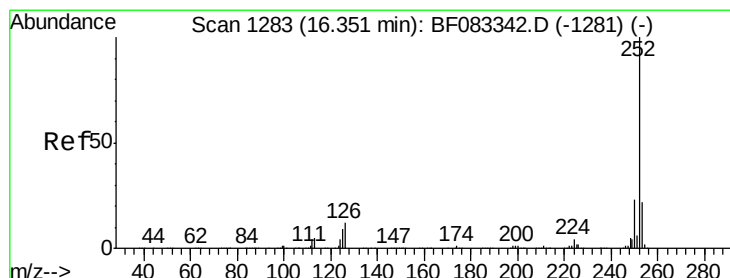
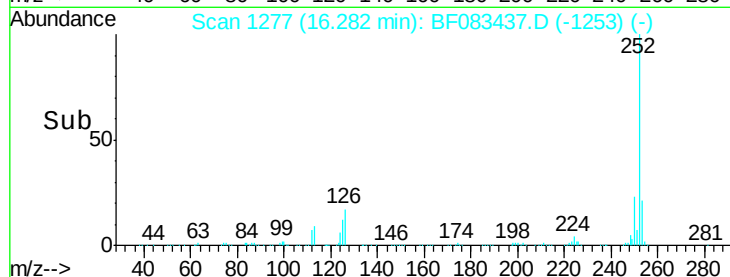
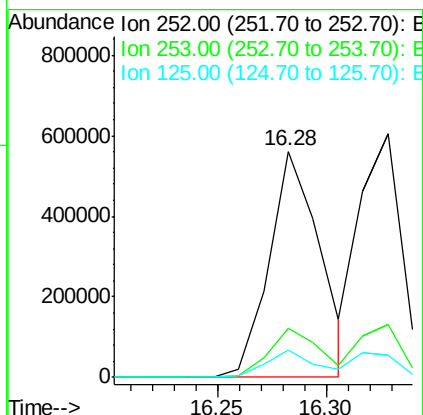
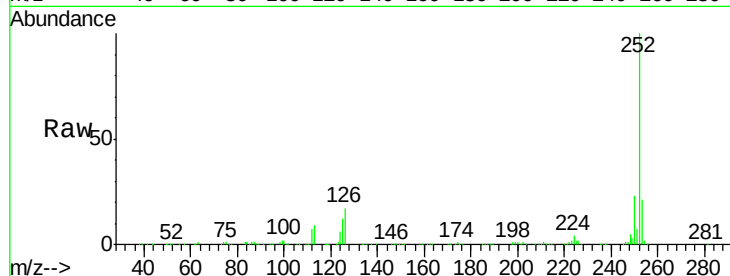




#87
Benzo(b)fluoranthene
Concen: 36.87 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

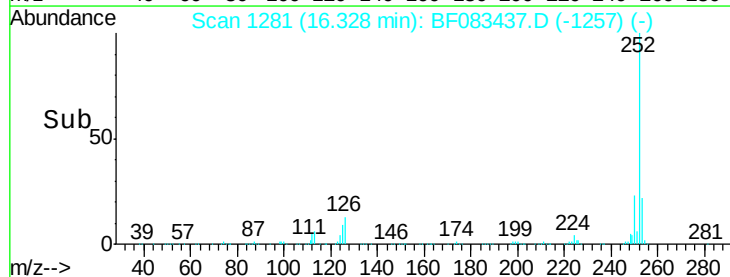
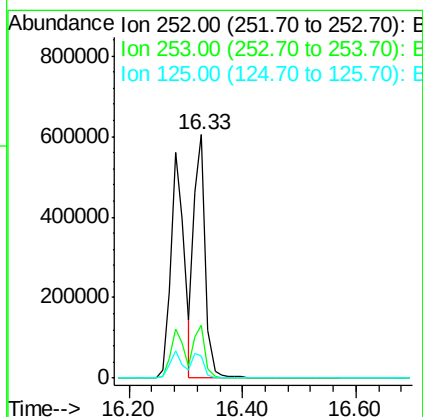
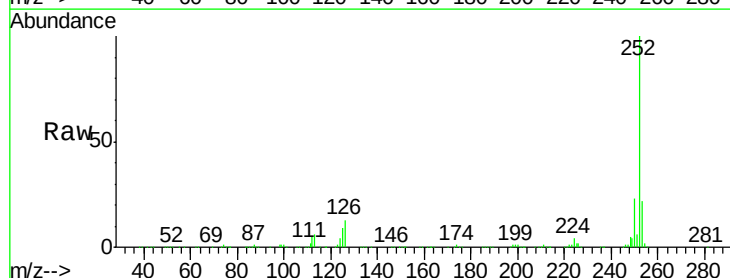
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

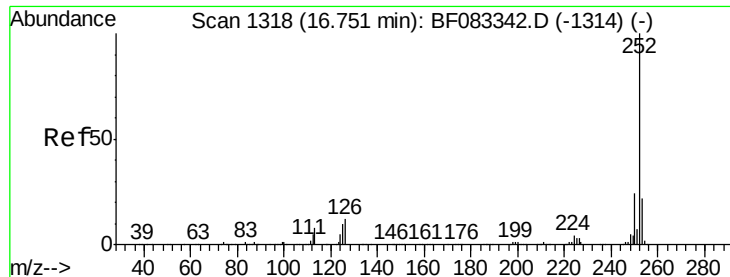
Tgt Ion:252 Resp: 917241
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 12.1 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 35.99 ng
RT: 16.33 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF083437.D
Acq: 3 Dec 2015 1:37

Tgt Ion:252 Resp: 845254
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.9 7.5 11.3





#89

Benzo(a)pyrene

Concen: 38.43 ng

RT: 16.73 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

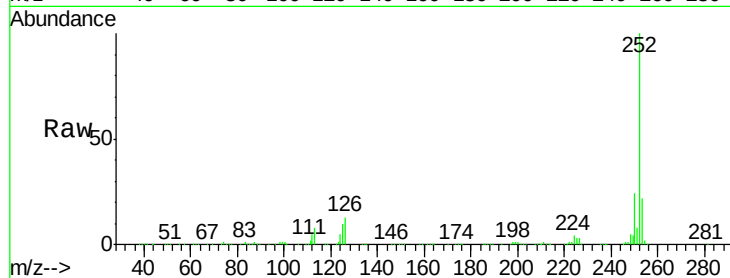
Tgt Ion:252 Resp: 821134

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

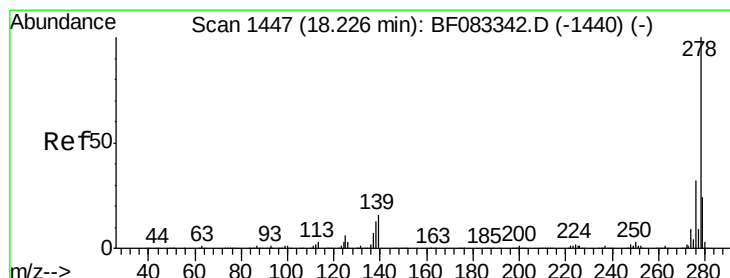
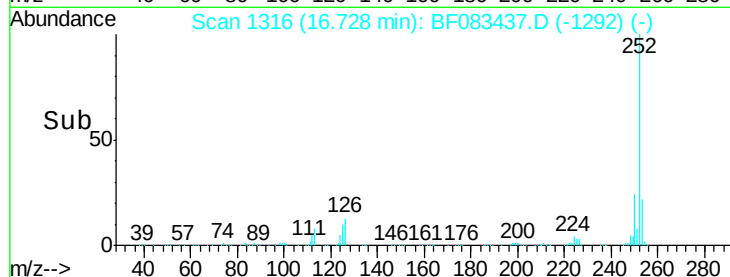
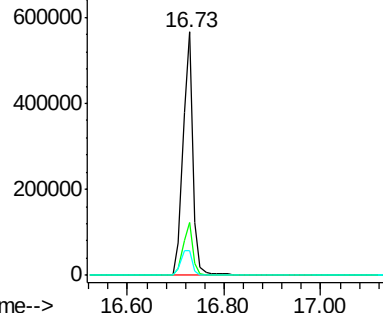
125 10.4 7.8 11.8



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: 37.85 ng

RT: 18.20 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF083437.D

Acq: 3 Dec 2015 1:37

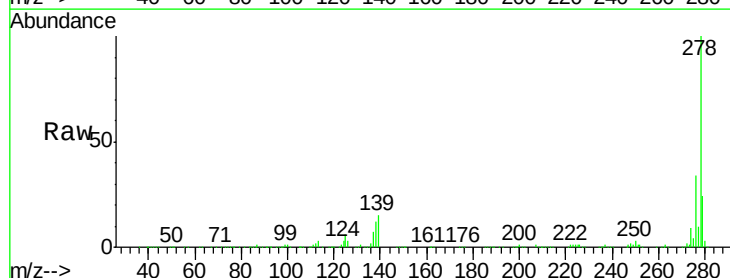
Tgt Ion:278 Resp: 704639

Ion Ratio Lower Upper

278 100

139 15.1 13.1 19.7

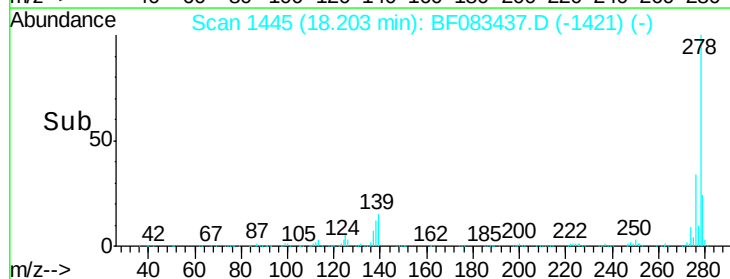
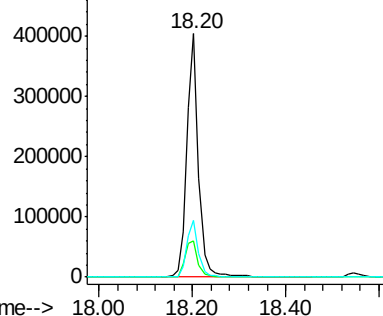
279 23.5 19.2 28.8

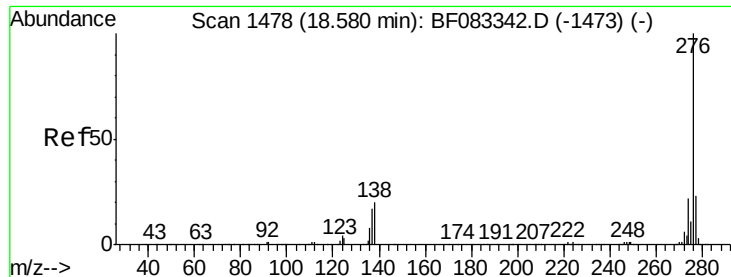


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.23 ng

RT: 18.55 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF083437.D

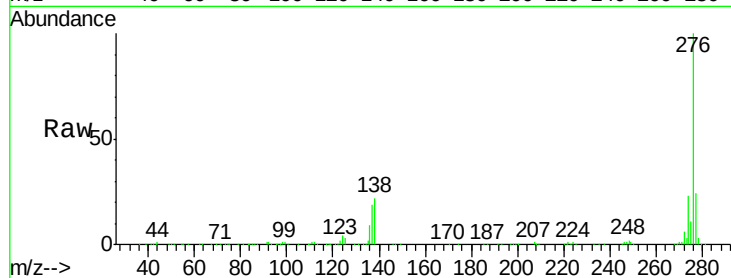
Acq: 3 Dec 2015 1:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	607208
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	22.5	16.1	24.1

