

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082600.D
 Acq On : 31 Oct 2015 4:55
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 31 05:40:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	195147	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	724375	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	391299	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	731453	20.00	ng	0.00
75) Chrysene-d12	14.08	240	544493	20.00	ng	0.00
86) Perylene-d12	15.52	264	415276	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1095691	84.57	ng	0.00
7) Phenol-d6	6.53	99	1333034	77.44	ng	0.00
23) Nitrobenzene-d5	7.47	82	1401698	79.02	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	333895	77.97	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2173929	78.88	ng	0.00
78) Terphenyl-d14	13.03	244	1971672	79.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	241776	40.36	ng	93
3) Pyridine	3.26	79	724326	41.24	ng	97
4) n-Nitrosodimethylamine	3.21	42	391466	39.60	ng	96
6) Aniline	6.57	93	989286	41.28	ng	99
8) 2-Chlorophenol	6.69	128	544105	38.81	ng	98
9) Benzaldehyde	6.44	77	437931	37.27	ng	100
10) Phenol	6.54	94	778541	39.92	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	514017	35.72	ng	98
12) 1,3-Dichlorobenzene	6.84	146	618360	38.68	ng	100
13) 1,4-Dichlorobenzene	6.92	146	640530	40.40	ng	98
14) 1,2-Dichlorobenzene	7.08	146	638205	43.37	ng	99
15) Benzyl Alcohol	7.05	79	664759	41.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	911357	39.85	ng	98
17) 2-Methylphenol	7.16	107	500218	41.97	ng	98
18) Hexachloroethane	7.42	117	260765	42.14	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	507288	38.88	ng	99
20) 3+4-Methylphenols	7.31	107	586384	37.85	ng	95
22) Acetophenone	7.32	105	923169	43.29	ng	99
24) Nitrobenzene	7.49	77	787919	43.94	ng	98
25) Isophorone	7.73	82	1275820	39.09	ng	99
26) 2-Nitrophenol	7.80	139	265333	40.51	ng	98
27) 2,4-Dimethylphenol	7.85	122	521291	40.77	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	714595	40.03	ng	99
29) 2,4-Dichlorophenol	8.05	162	489946	42.04	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	491081	37.97	ng	98
31) Naphthalene	8.21	128	1461764	37.29	ng	100
32) Benzoic acid	7.96	122	410464	44.25	ng	98
33) 4-Chloroaniline	8.26	127	610205	36.46	ng	99
34) Hexachlorobutadiene	8.34	225	325529	39.57	ng	99
35) Caprolactam	8.64	113	139414	38.99	ng	98
36) 4-Chloro-3-methylphenol	8.74	107	510407	37.19	ng	98
37) 2-Methylnaphthalene	8.91	142	1101682	43.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	515163	39.45	ng	98
40) Hexachlorocyclopentadiene	9.07	237	340931	41.53	ng	97

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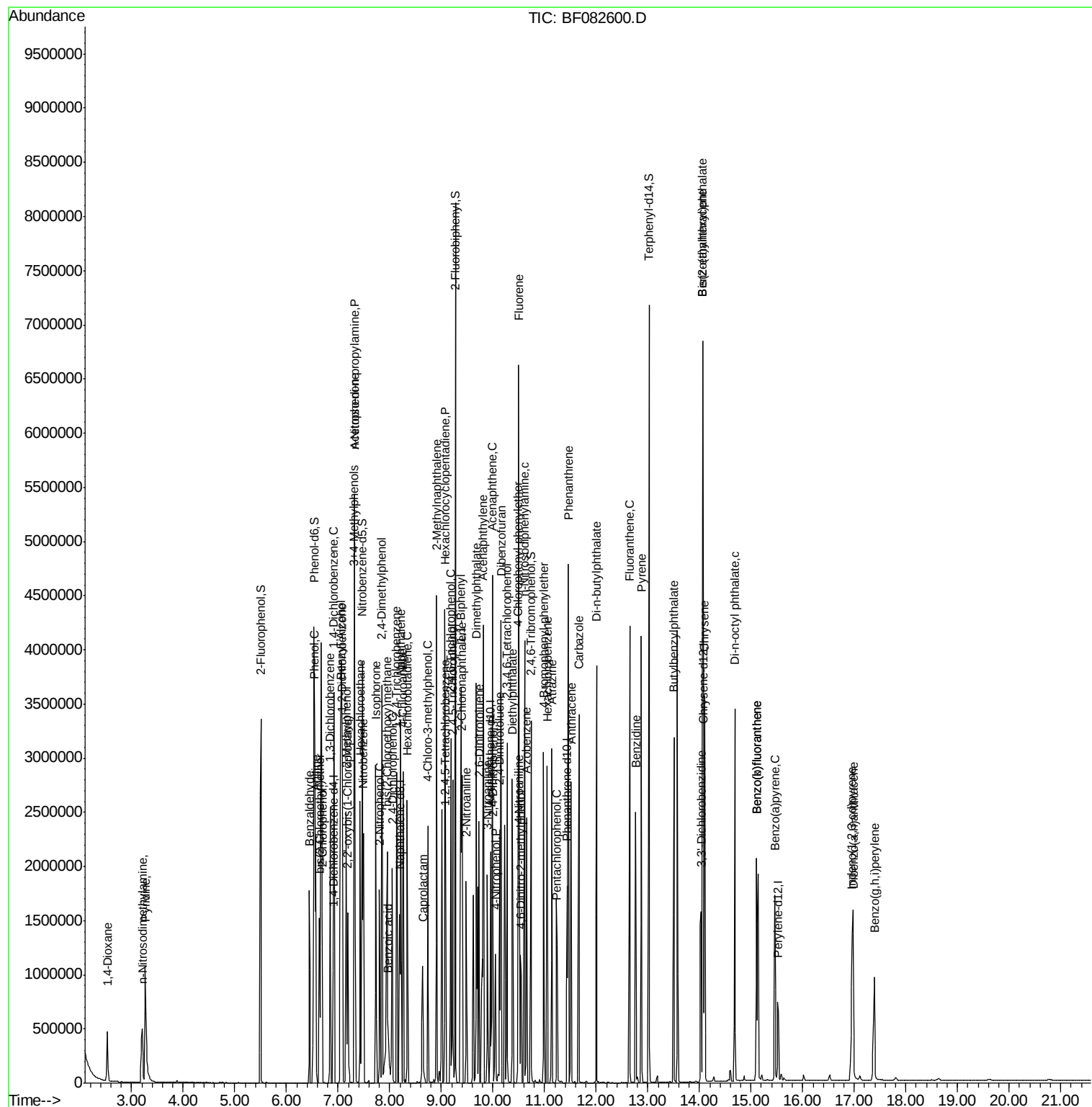
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	384363	40.77	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	341411	36.34	ng	97
45) 1,1'-Biphenyl	9.38	154	1324933	40.08	ng	98
46) 2-Chloronaphthalene	9.40	162	1044094	40.45	ng	99
47) 2-Nitroaniline	9.48	65	363314	36.21	ng	100
48) Acenaphthylene	9.81	152	1612364	39.06	ng	100
49) Dimethylphthalate	9.68	163	1169503	36.60	ng	100
50) 2,6-Dinitrotoluene	9.73	165	289182	43.66	ng	92
51) Acenaphthene	9.98	154	972484	37.11	ng	99
52) 3-Nitroaniline	9.89	138	258067	35.02	ng	99
53) 2,4-Dinitrophenol	10.00	184	129462	40.31	ng	# 67
54) Dibenzofuran	10.16	168	1329527	37.39	ng	100
55) 4-Nitrophenol	10.05	139	241958	43.64	ng	92
56) 2,4-Dinitrotoluene	10.13	165	388817	43.41	ng	# 93
57) Fluorene	10.50	166	1100874	38.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	310355	39.09	ng	97
59) Diethylphthalate	10.37	149	1218604	37.46	ng	96
60) 4-Chlorophenyl-phenylether	10.49	204	518328	37.18	ng	# 71
61) 4-Nitroaniline	10.51	138	263473	37.47	ng	98
62) Azobenzene	10.65	77	1378207	37.56	ng	83
64) 4,6-Dinitro-2-methylphenol	10.54	198	206051	46.71	ng	86
65) n-Nitrosodiphenylamine	10.61	169	1059243	42.13	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	307131	37.05	ng	# 63
67) Hexachlorobenzene	11.05	284	331356	36.05	ng	93
68) Atrazine	11.14	200	329313	40.03	ng	99
69) Pentachlorophenol	11.24	266	250594	41.35	ng	98
70) Phenanthrene	11.46	178	1581593	38.34	ng	99
71) Anthracene	11.52	178	1658842	39.93	ng	98
72) Carbazole	11.67	167	1561019	43.14	ng	99
73) Di-n-butylphthalate	12.01	149	2009125	43.62	ng	98
74) Fluoranthene	12.65	202	1674860	39.71	ng	98
76) Benzidine	12.76	184	852664	34.72	ng	98
77) Pyrene	12.88	202	1697957	42.11	ng	100
79) Butylbenzylphthalate	13.51	149	793907	44.96	ng	86
80) Benzo(a)anthracene	14.07	228	1347273	38.95	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	467104	39.19	ng	# 96
82) Chrysene	14.10	228	1071334	34.17	ng	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	915265	39.98	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1419255	39.74	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1094069	42.29	ng	99
87) Benzo(b)fluoranthene	15.11	252	974895	34.05	ng	99
88) Benzo(k)fluoranthene	15.11	252	974895	44.69	ng	# 98
89) Benzo(a)pyrene	15.46	252	890555	39.49	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	928265	44.11	ng	98
91) Benzo(g,h,i)perylene	17.39	276	911770	44.71	ng	97

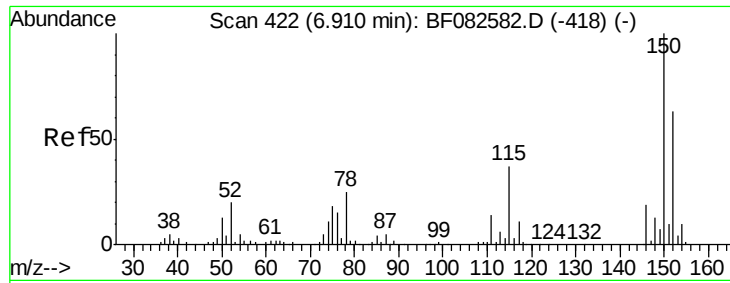
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

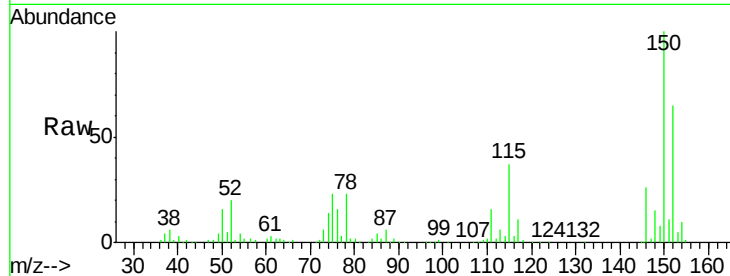
Tgt Ion:152 Resp: 195147

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

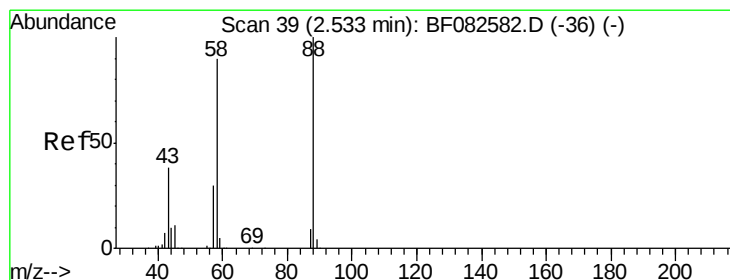
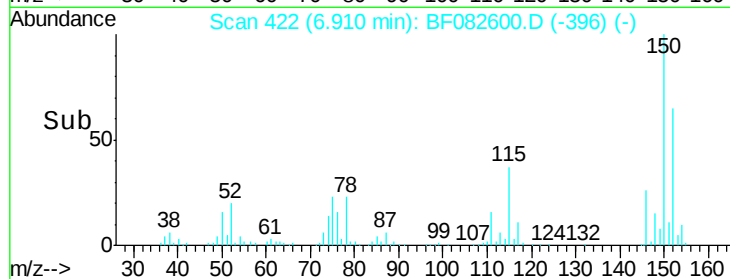
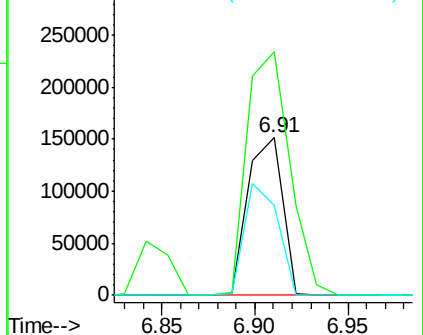
115 57.3 47.0 70.6



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: 40.36 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

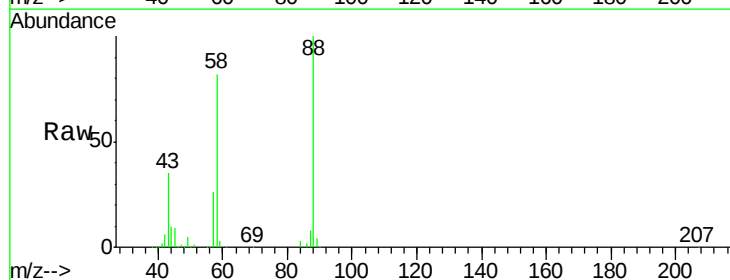
Tgt Ion: 88 Resp: 241776

Ion Ratio Lower Upper

88 100

58 84.3 62.0 93.0

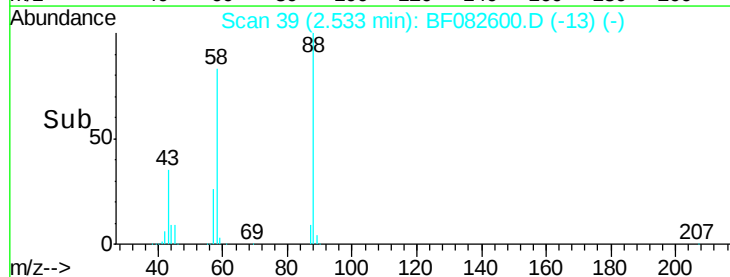
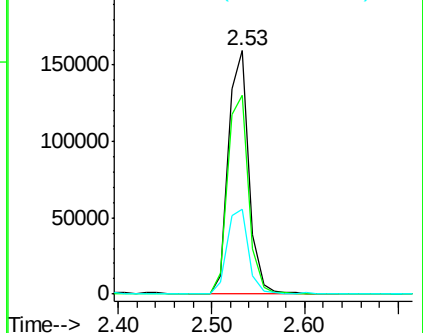
43 36.1 26.6 40.0

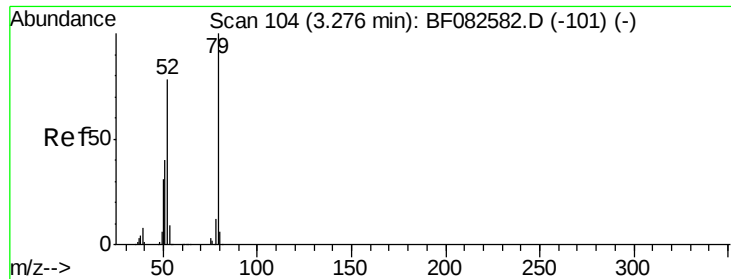


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.24 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

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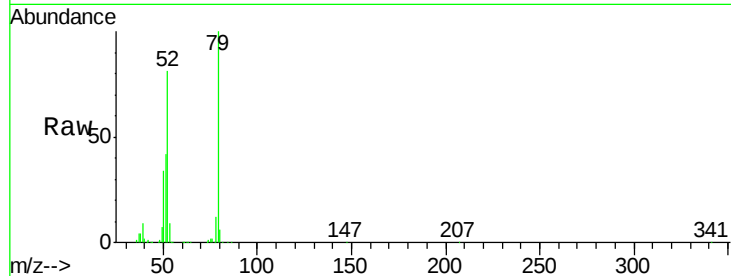
Tgt Ion: 79 Resp: 724326

Ion Ratio Lower Upper

79 100

52 81.2 62.8 94.2

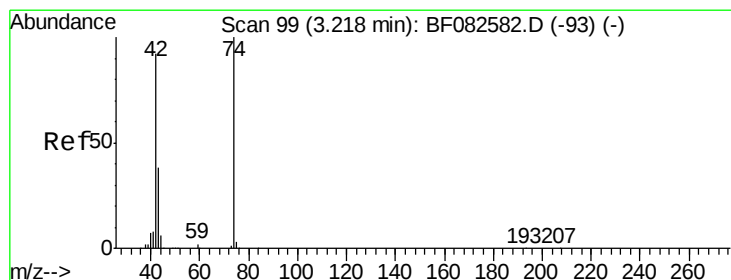
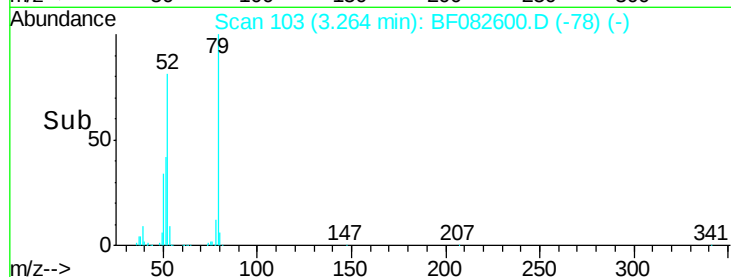
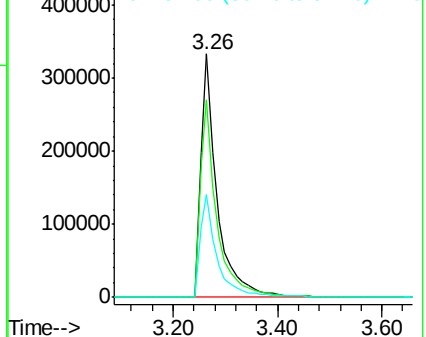
51 42.1 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.60 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.01 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

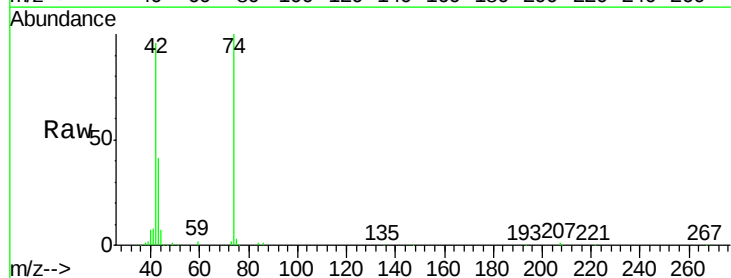
Tgt Ion: 42 Resp: 391466

Ion Ratio Lower Upper

42 100

74 104.0 87.0 130.4

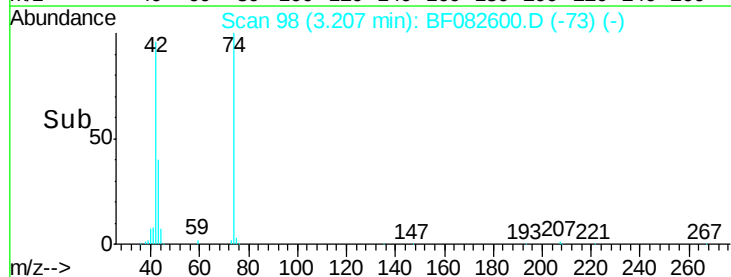
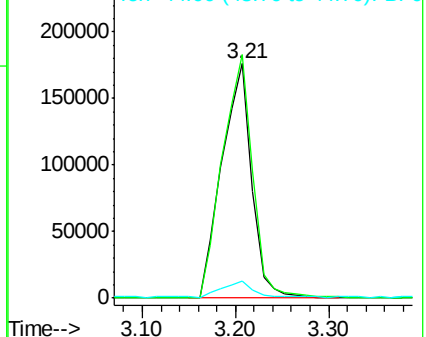
44 7.2 5.8 8.8

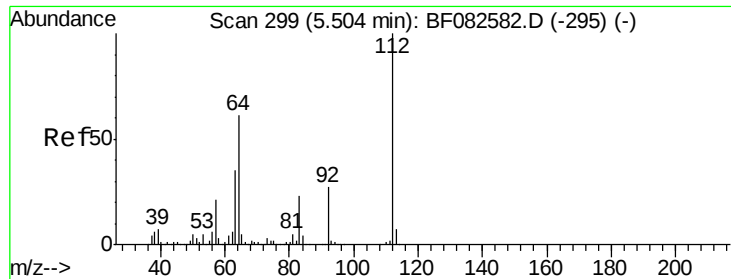


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.57 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

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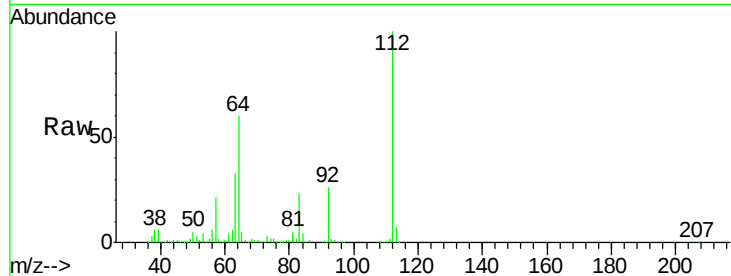
Tgt Ion: 112 Resp: 1095691

Ion Ratio Lower Upper

112 100

64 59.6 48.9 73.3

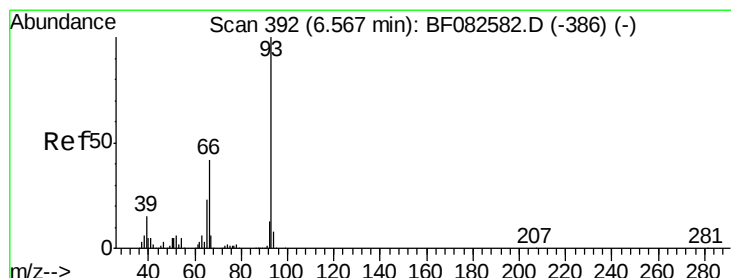
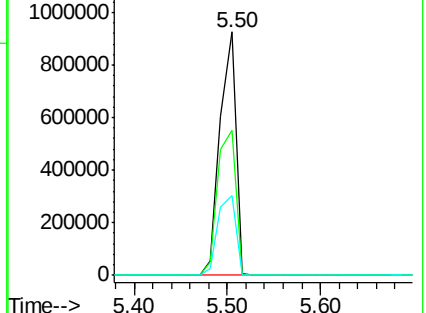
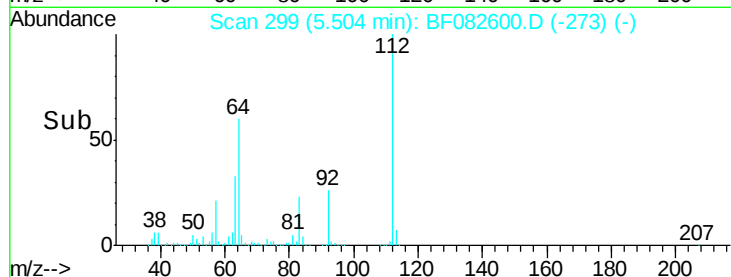
63 33.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.28 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

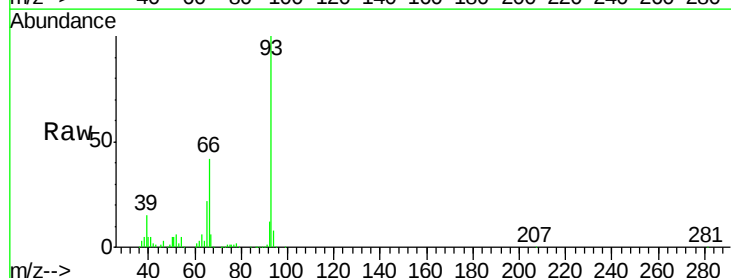
Tgt Ion: 93 Resp: 989286

Ion Ratio Lower Upper

93 100

66 42.0 33.6 50.4

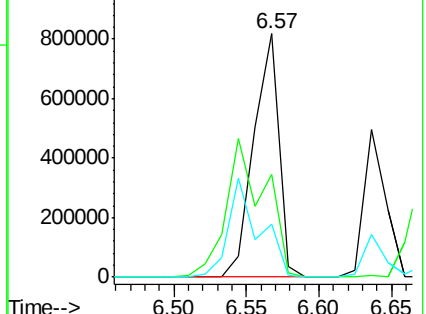
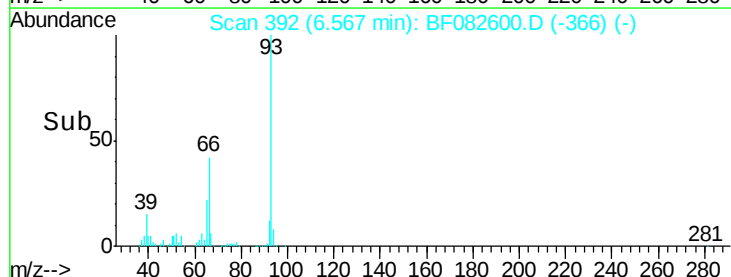
65 21.7 18.1 27.1

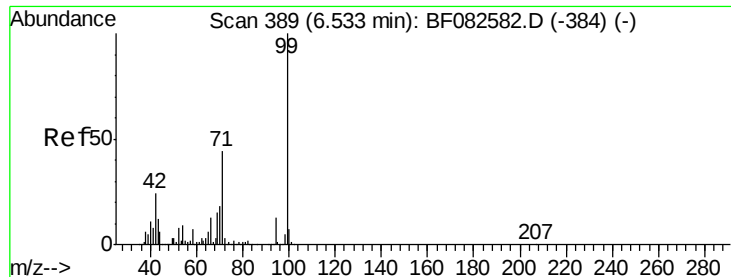


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.44 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

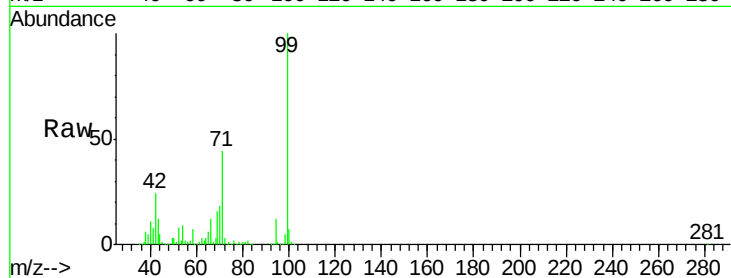
BNA_F

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Tgt Ion: 99 Resp: 1333034

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.2	28.8
71	44.3	35.0	52.4

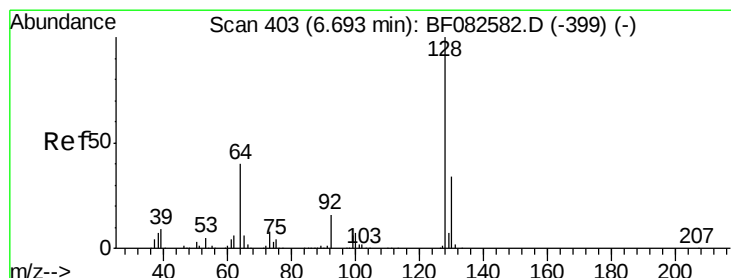
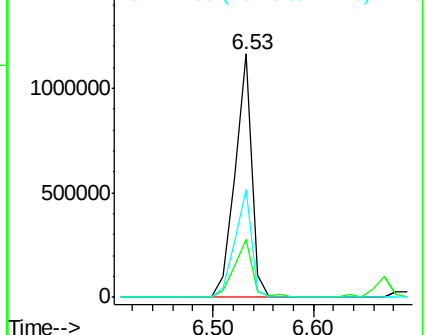
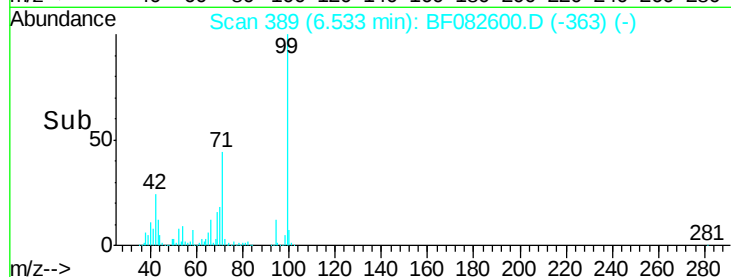


Abundance

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: 38.81 ng

RT: 6.69 min Scan# 403

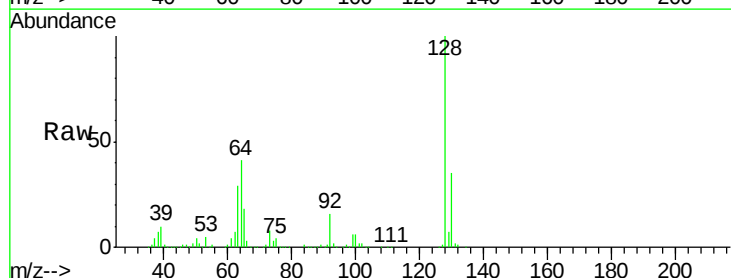
Delta R.T. 0.00 min

Lab File: BF082600.D

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Tgt Ion: 128 Resp: 544105

Ion	Ratio	Lower	Upper
128	100		
130	35.4	13.5	53.5
64	41.0	21.1	61.1

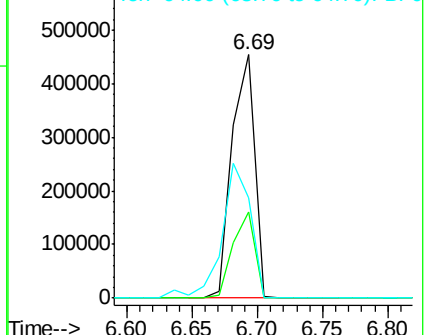
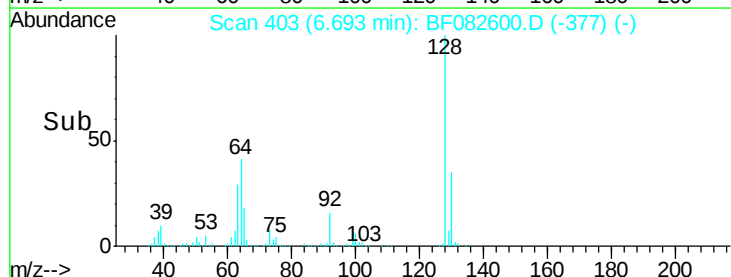


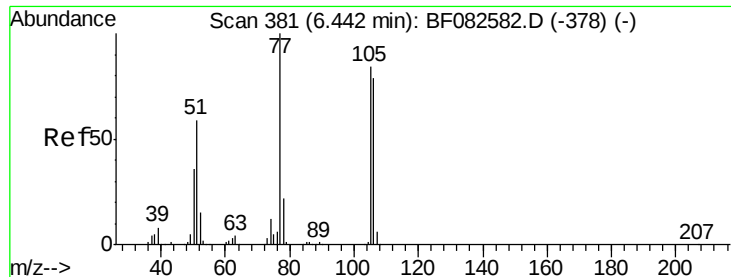
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.27 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

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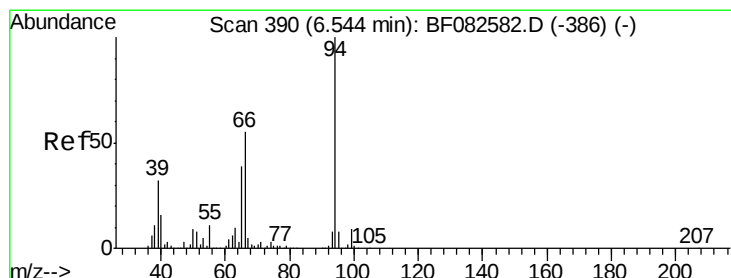
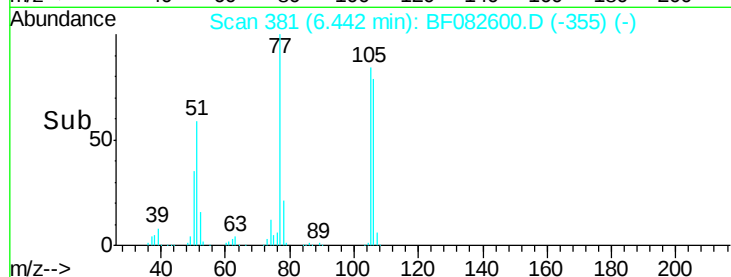
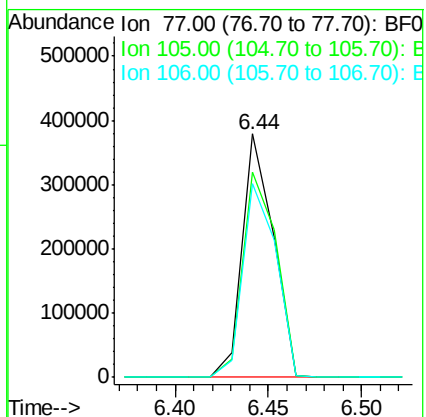
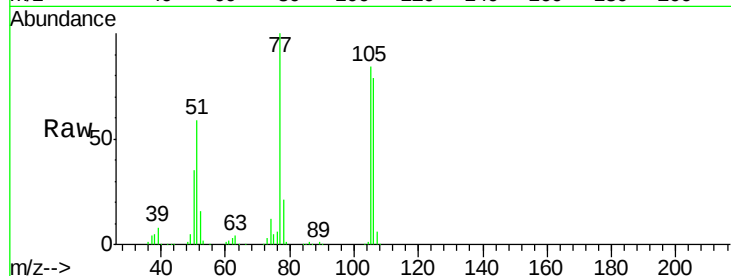
Tgt Ion: 77 Resp: 437931

Ion Ratio Lower Upper

77 100

105 84.1 63.5 103.5

106 79.5 59.3 99.3



#10

Phenol

Concen: 39.92 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

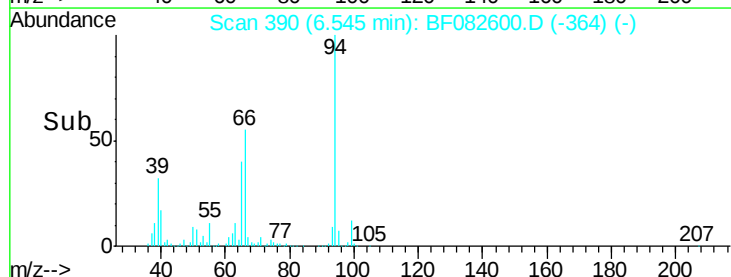
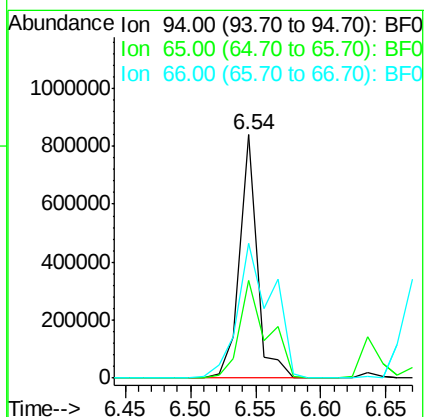
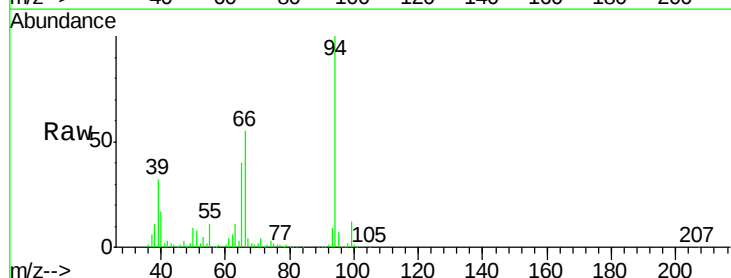
Tgt Ion: 94 Resp: 778541

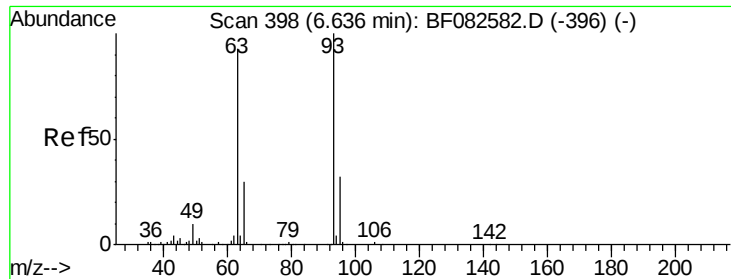
Ion Ratio Lower Upper

94 100

65 39.9 18.9 58.9

66 55.4 34.9 74.9

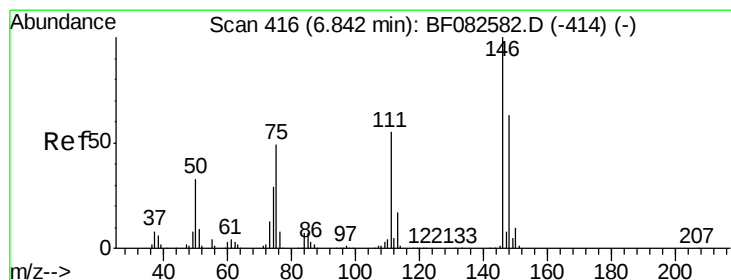
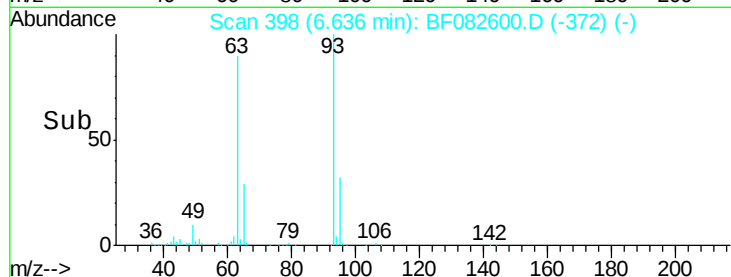
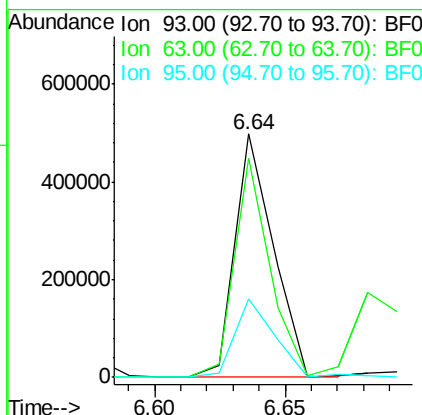
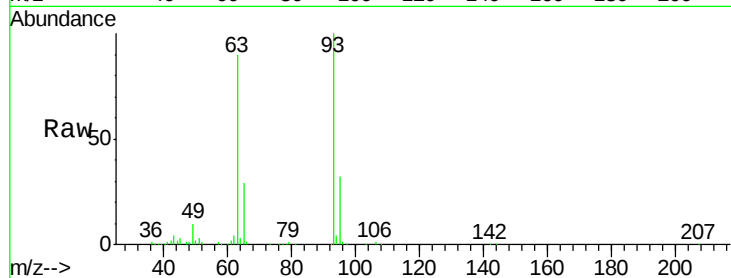




#11
bis(2-Chloroethyl)ether
Concen: 35.72 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

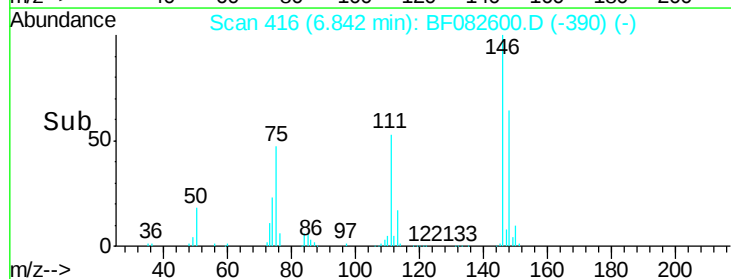
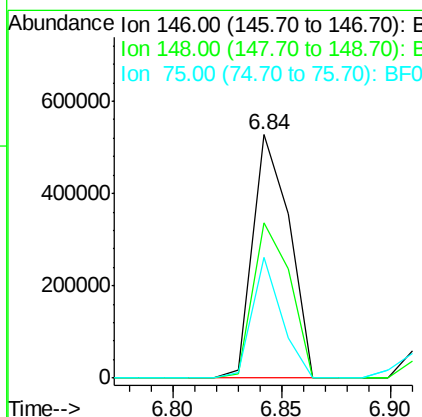
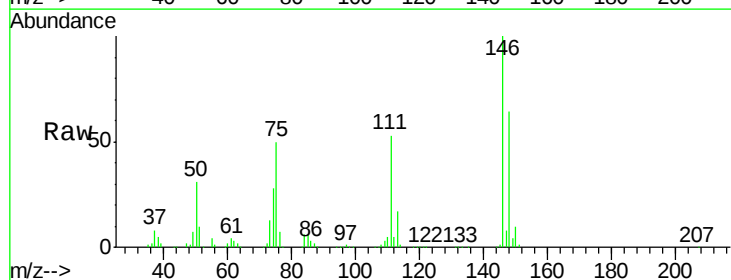
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

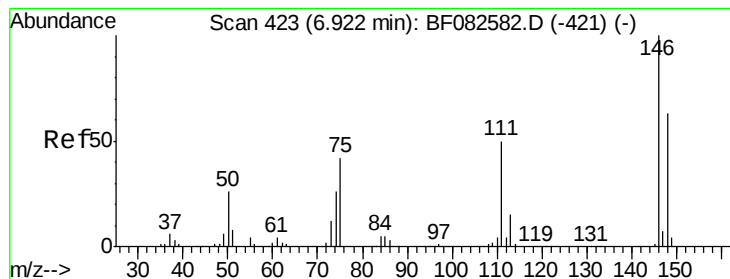
Tgt Ion: 93 Resp: 514017
Ion Ratio Lower Upper
93 100
63 90.3 72.7 112.7
95 32.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 38.68 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion: 146 Resp: 618360
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 49.5 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 40.40 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

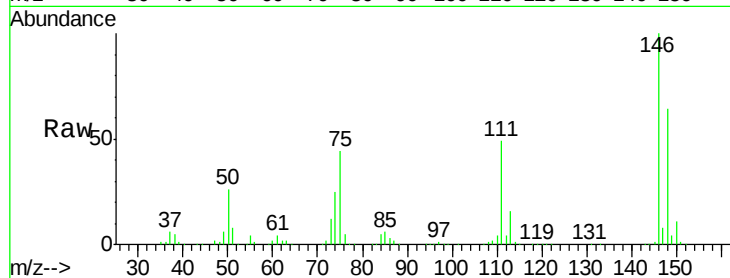
Tgt Ion:146 Resp: 640530

Ion Ratio Lower Upper

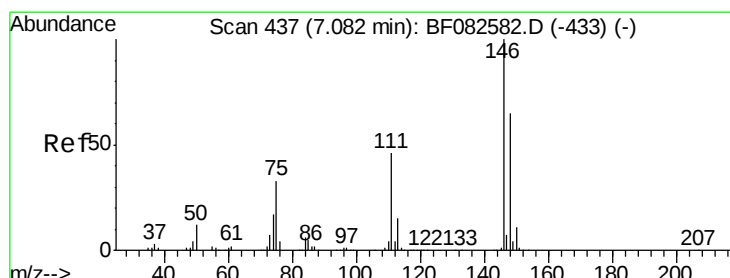
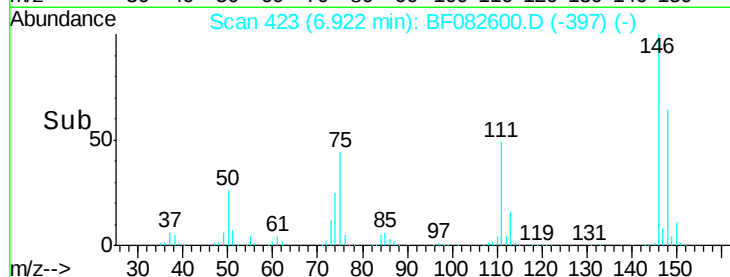
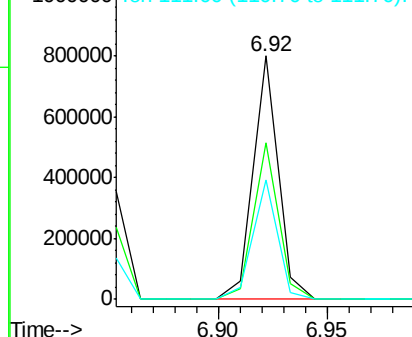
146 100

148 64.4 50.8 76.2

111 49.2 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.37 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

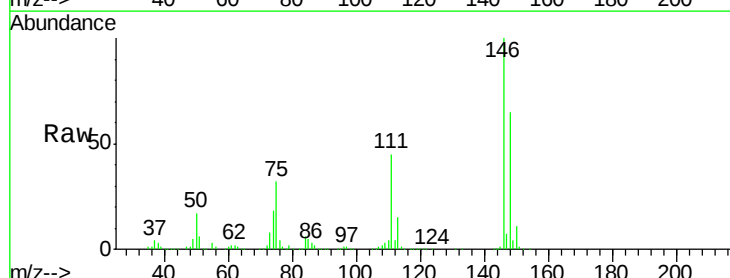
Tgt Ion:146 Resp: 638205

Ion Ratio Lower Upper

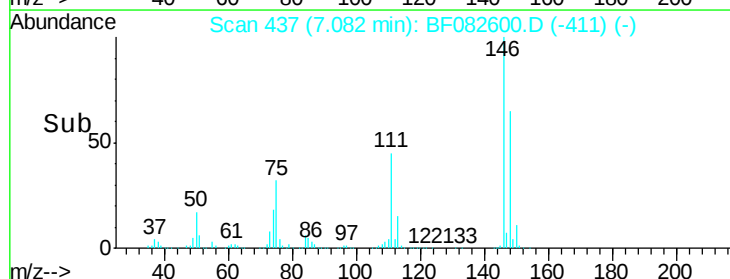
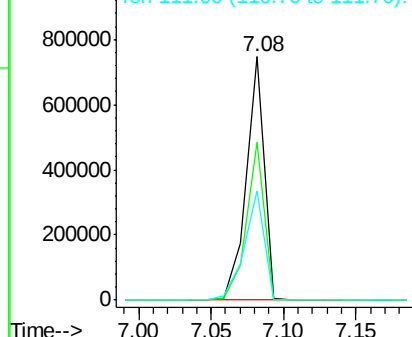
146 100

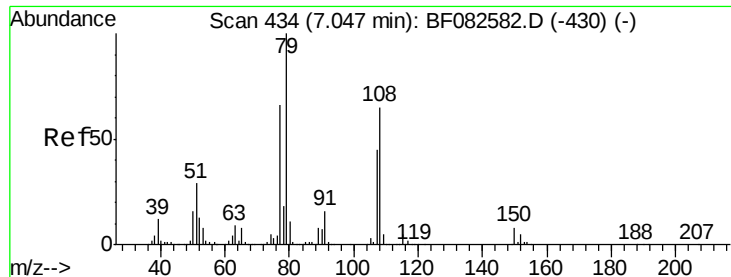
148 65.0 52.2 78.4

111 44.7 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

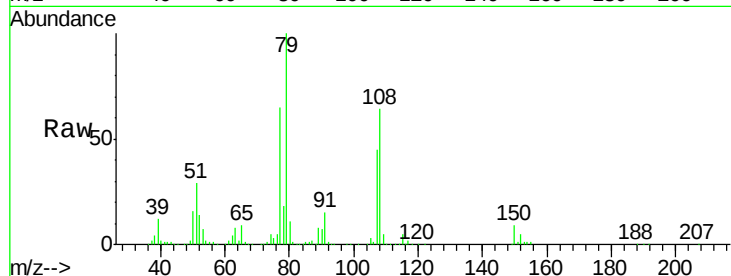
Tgt Ion: 79 Resp: 664759

Ion Ratio Lower Upper

79 100

108 63.8 52.2 78.4

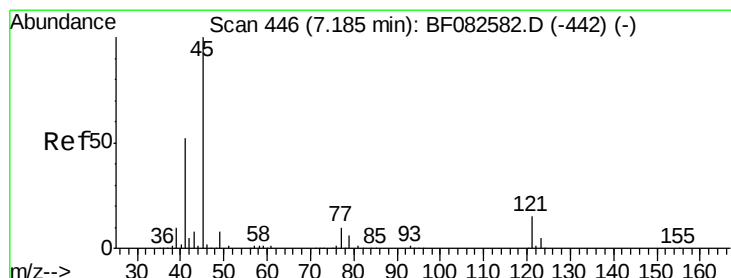
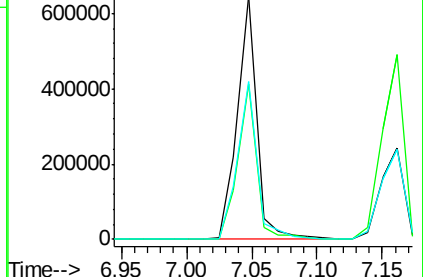
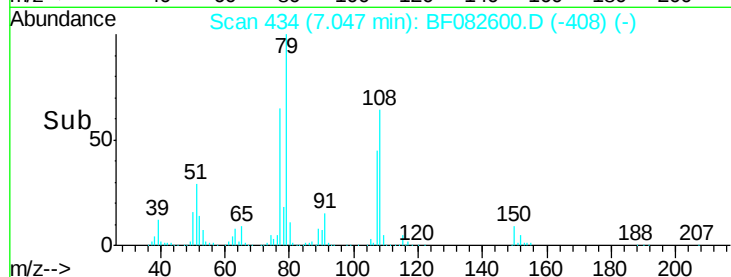
77 64.8 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.85 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

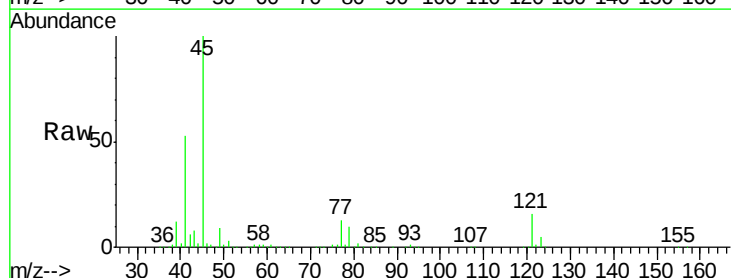
Tgt Ion: 45 Resp: 911357

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

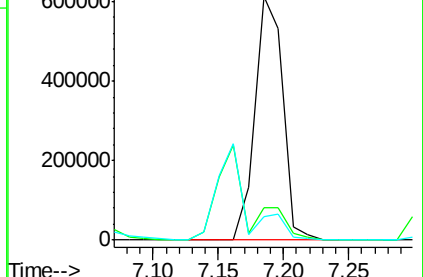
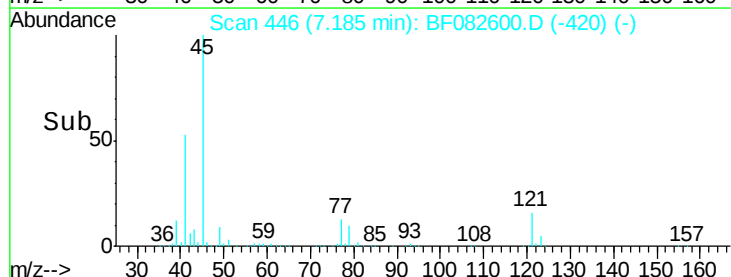
79 9.6 0.0 29.2

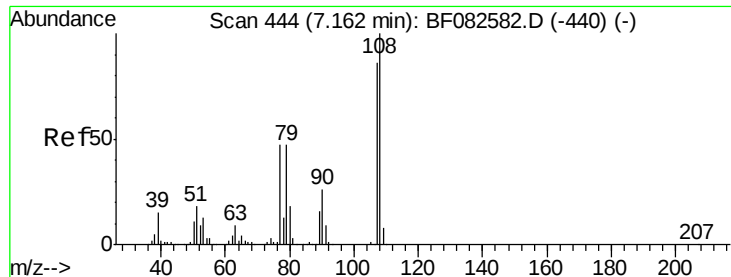


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.97 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 500218

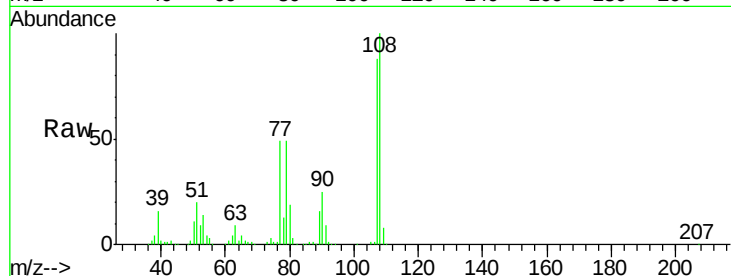
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.4

77 55.4 44.1 66.1

79 56.3 43.6 65.4

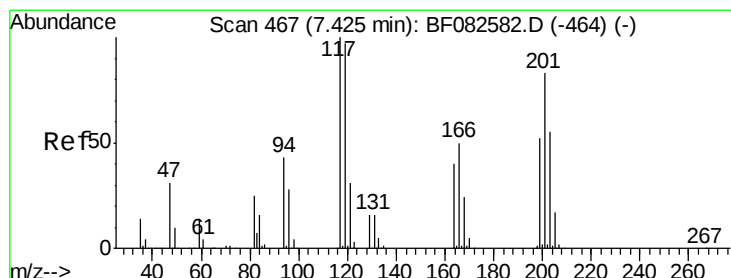
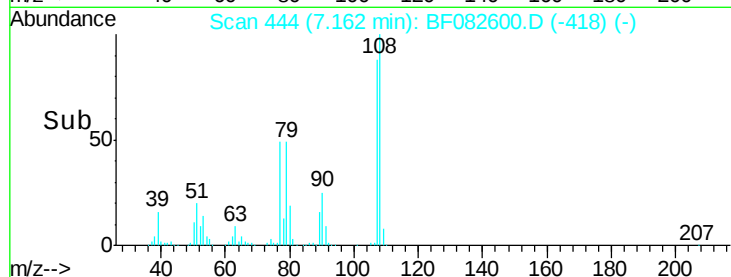
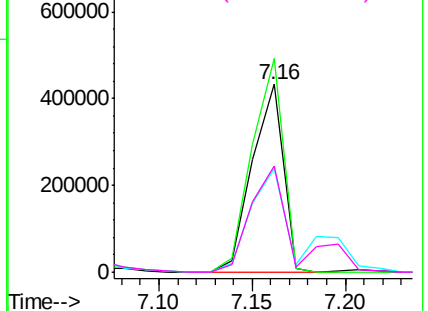


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.14 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

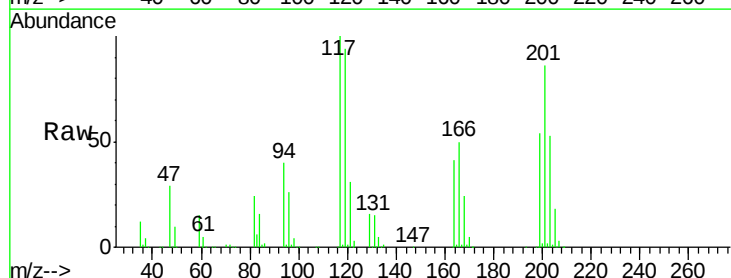
Tgt Ion:117 Resp: 260765

Ion Ratio Lower Upper

117 100

119 94.5 77.7 116.5

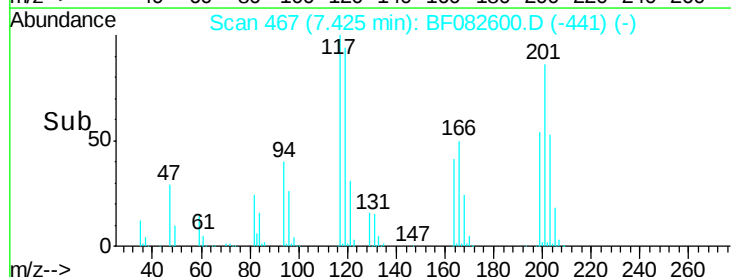
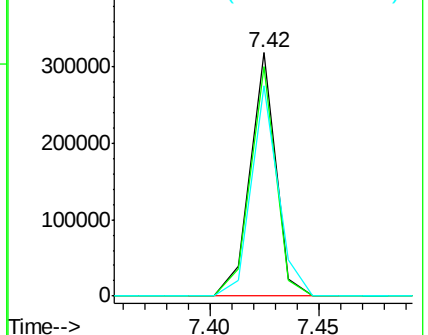
201 86.4 66.7 100.1

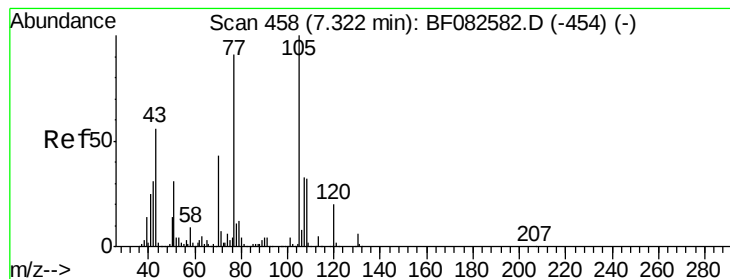


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.88 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 507288

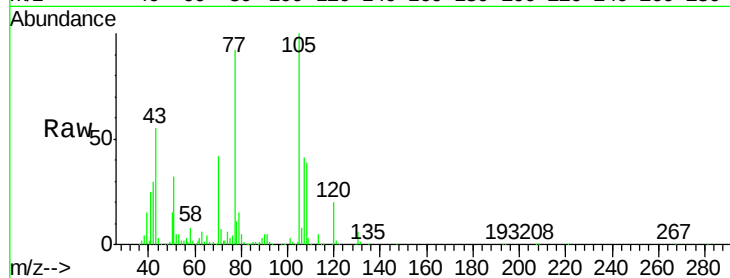
Ion Ratio Lower Upper

70 100

42 72.6 57.7 86.5

101 8.3 7.0 10.6

130 14.2 11.8 17.6

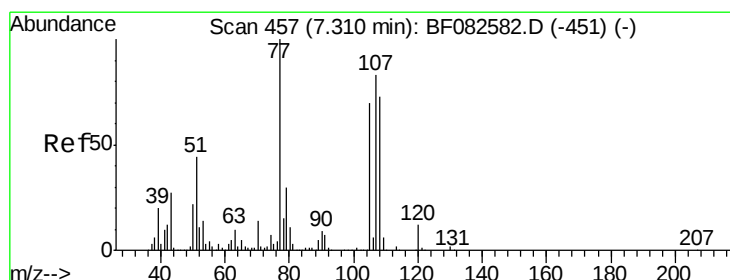
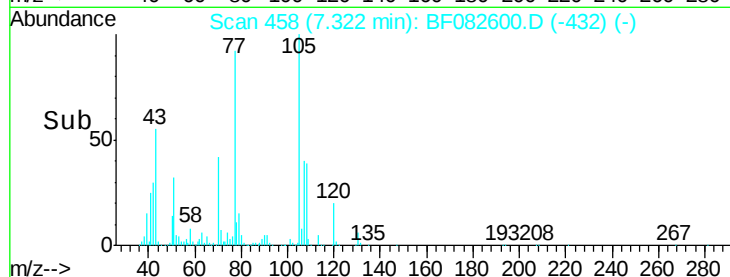
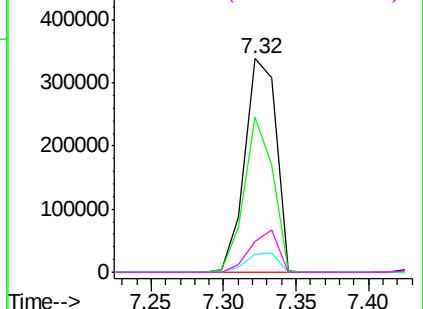


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.85 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Tgt Ion: 107 Resp: 586384

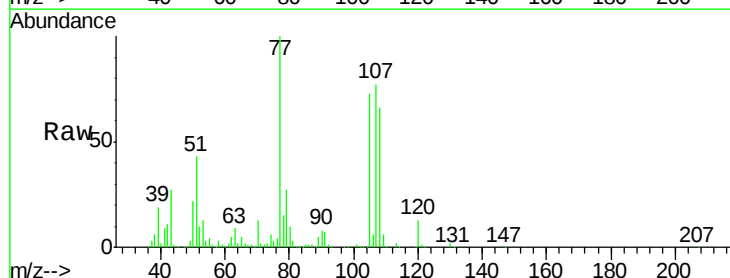
Ion Ratio Lower Upper

107 100

108 86.1 67.3 107.3

77 130.4 100.3 140.3

79 35.7 16.2 56.2

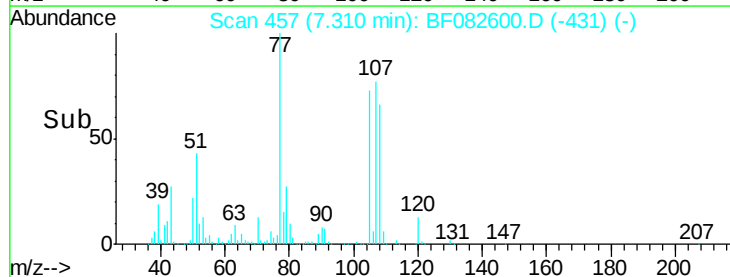
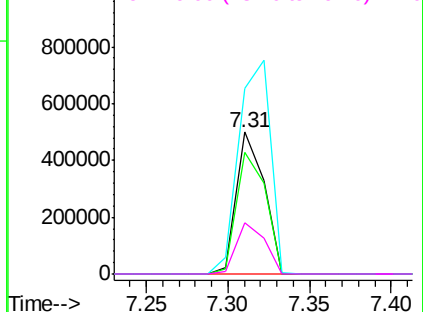


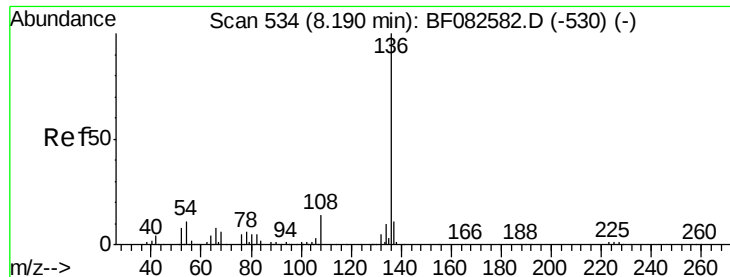
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

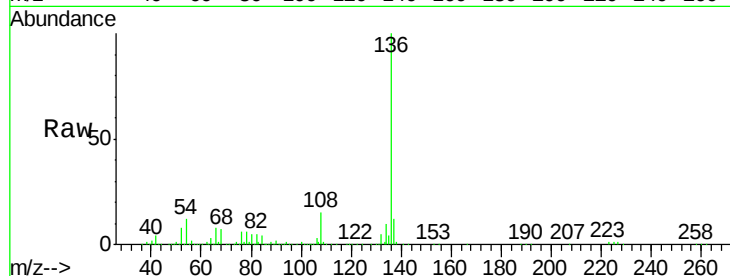




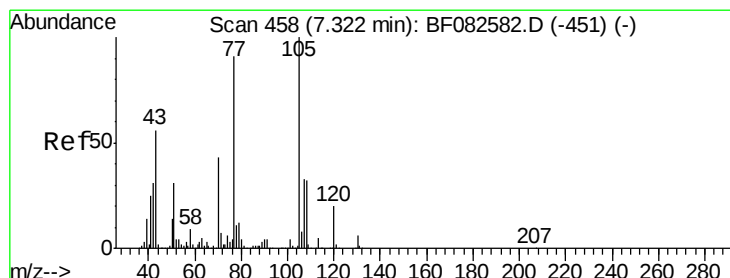
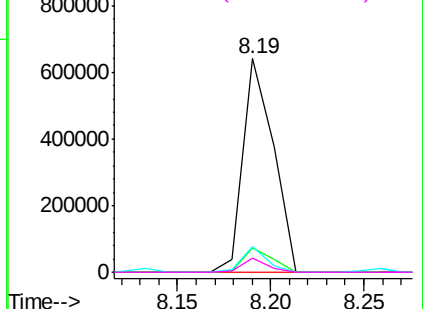
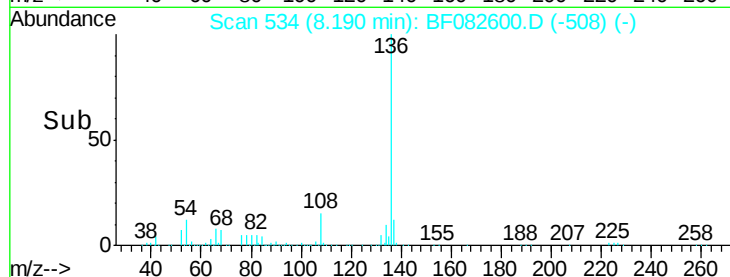
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	724375
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	11.8	9.1	13.7
68	6.5	4.8	7.2

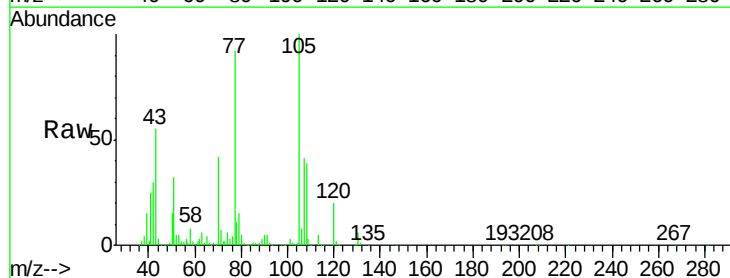


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

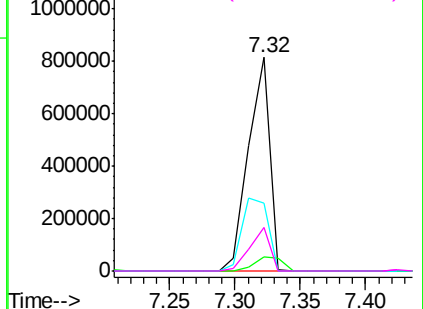
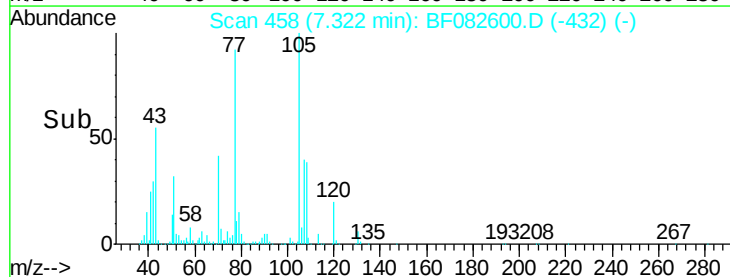


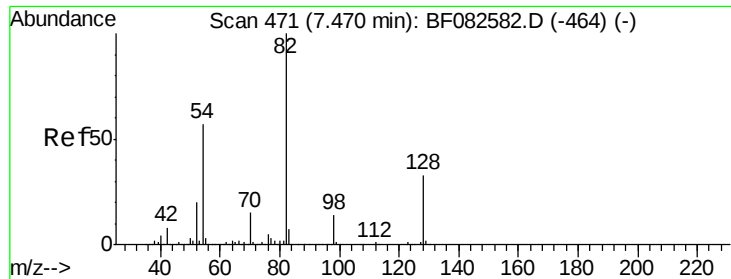
#22
Acetophenone
Concen: 43.29 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion:	105	Resp:	923169
Ion Ratio	Lower	Upper	
105	100		
71	6.8	5.6	8.4
51	31.8	24.9	37.3
120	20.1	15.8	23.8



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

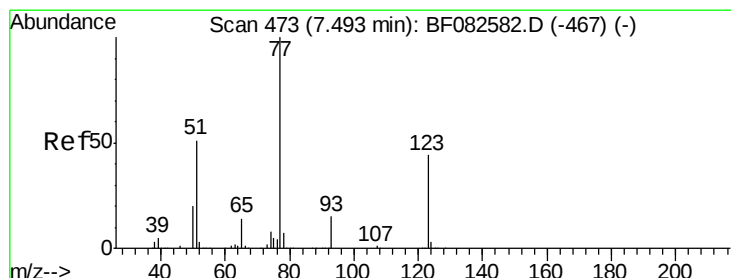
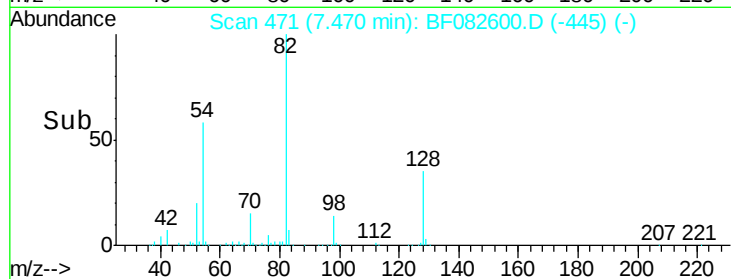
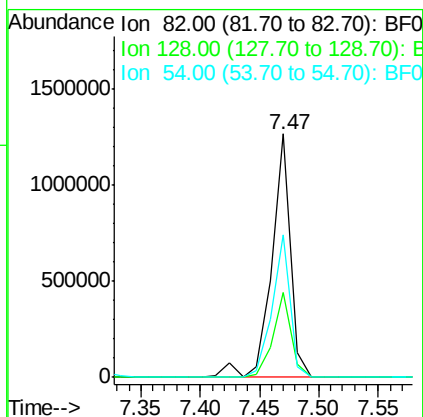
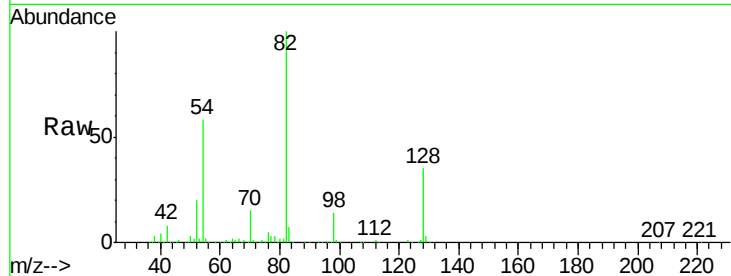




#23
 Nitrobenzene-d5
 Concen: 79.02 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

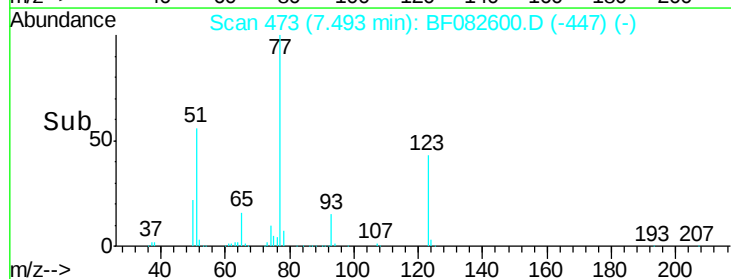
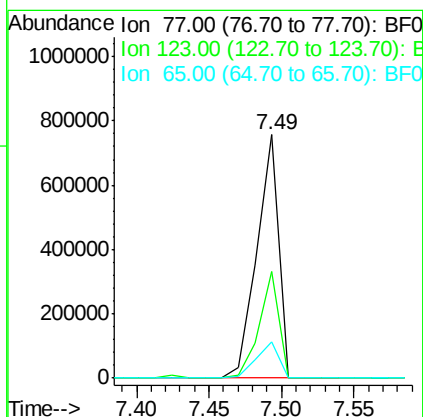
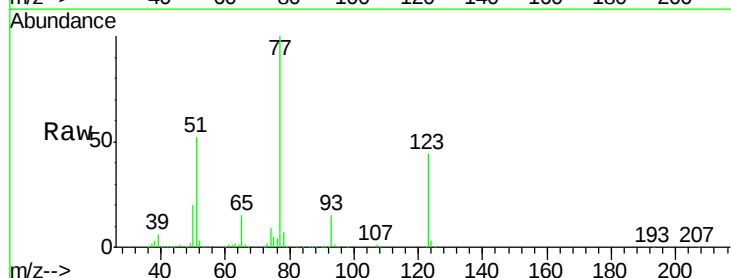
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

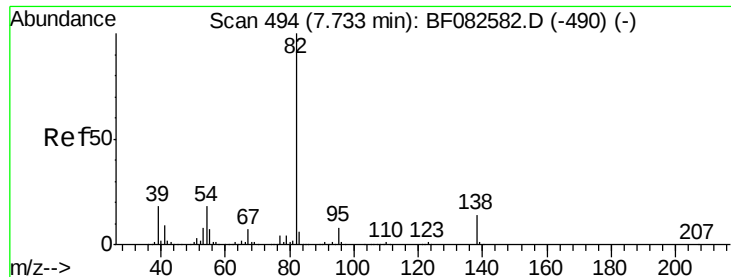
Tgt Ion: 82 Resp: 1401698
 Ion Ratio Lower Upper
 82 100
 128 34.6 26.8 40.2
 54 58.4 45.7 68.5



#24
 Nitrobenzene
 Concen: 43.94 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion: 77 Resp: 787919
 Ion Ratio Lower Upper
 77 100
 123 43.7 36.4 54.6
 65 14.7 11.5 17.3





#25

Isophorone

Concen: 39.09 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

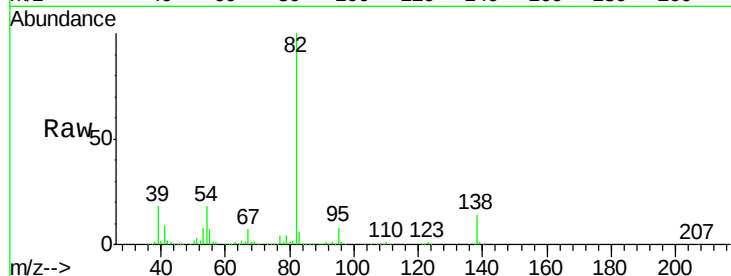
Tgt Ion: 82 Resp: 1275820

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

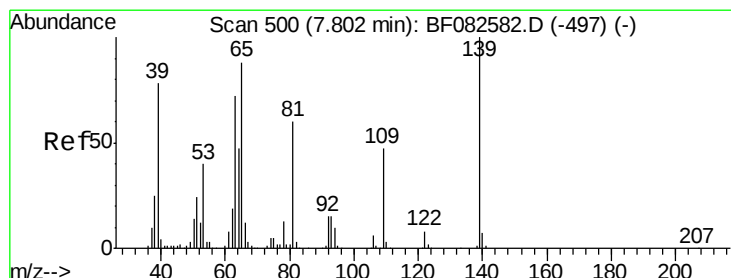
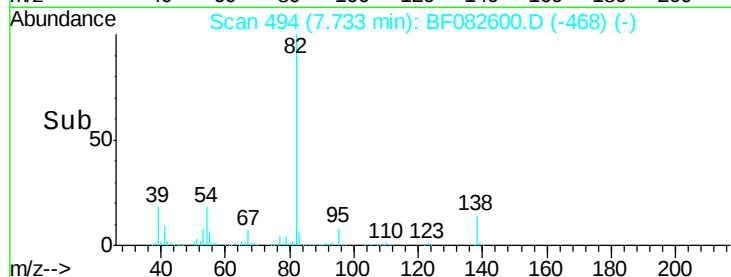
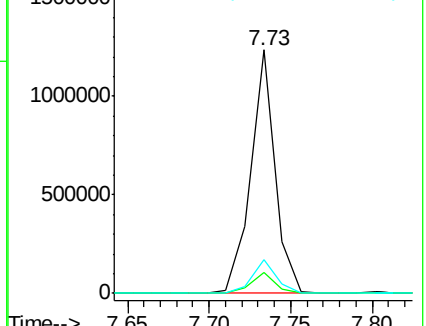
138 13.6 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.51 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

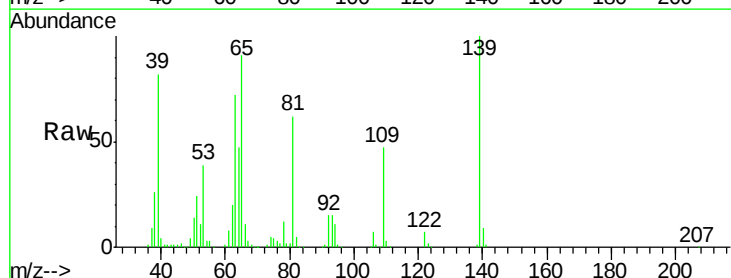
Tgt Ion: 139 Resp: 265333

Ion Ratio Lower Upper

139 100

109 47.0 37.6 56.4

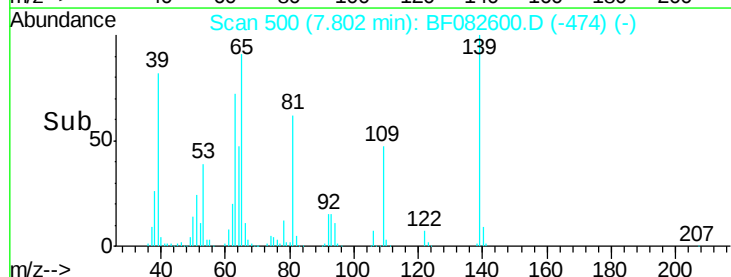
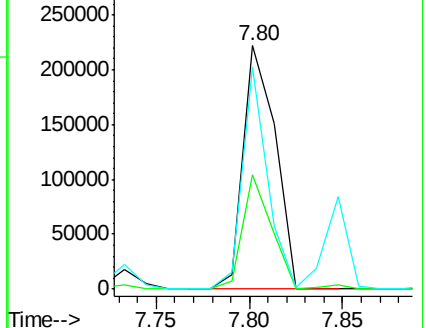
65 91.2 70.6 105.8

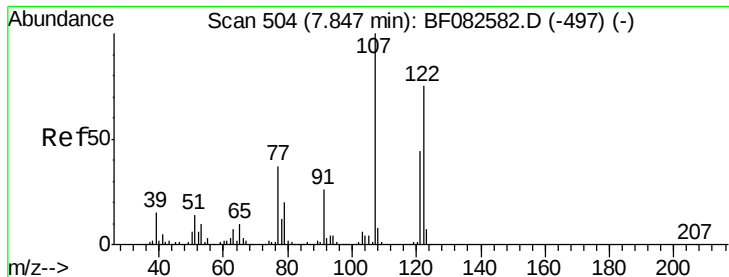


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.77 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

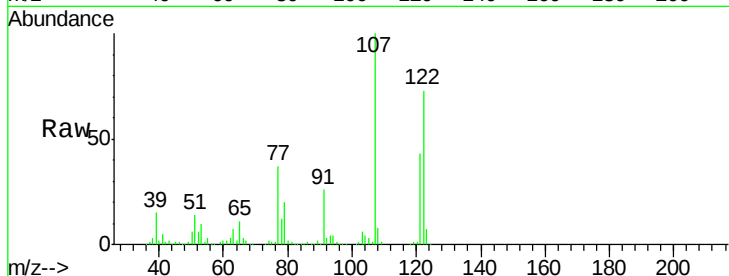
Tgt Ion:122 Resp: 521291

Ion Ratio Lower Upper

122 100

107 136.2 106.0 159.0

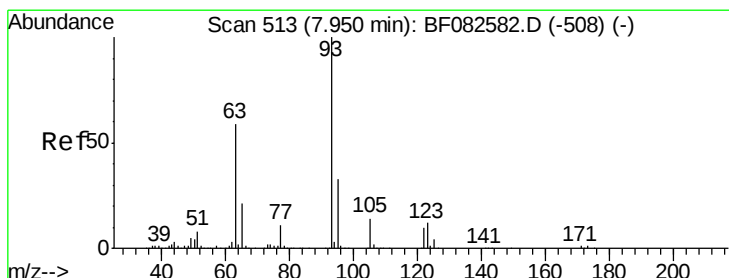
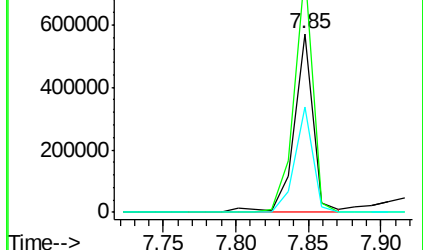
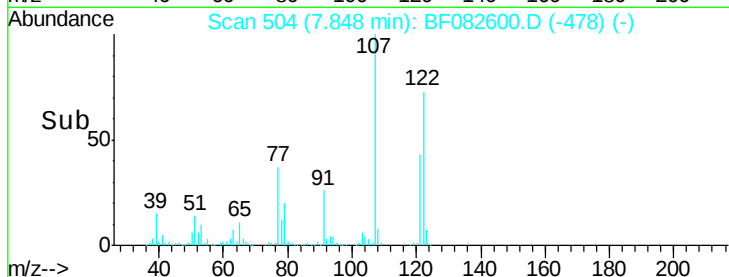
121 58.7 46.7 70.1



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: 40.03 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

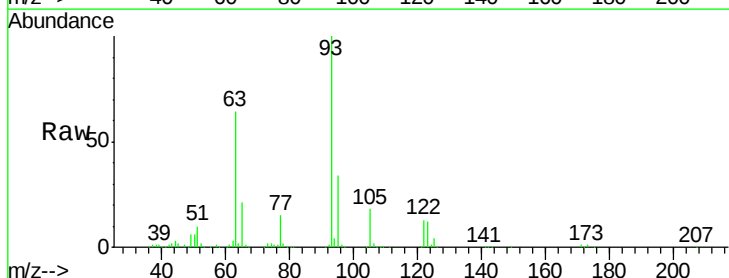
Tgt Ion: 93 Resp: 714595

Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

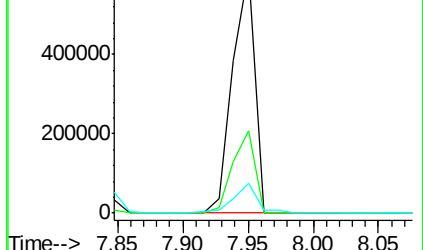
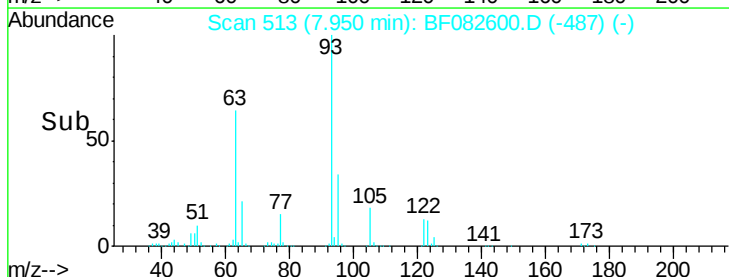
123 12.4 9.7 14.5

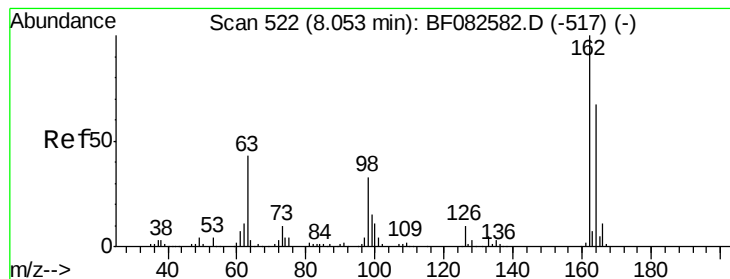


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.04 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

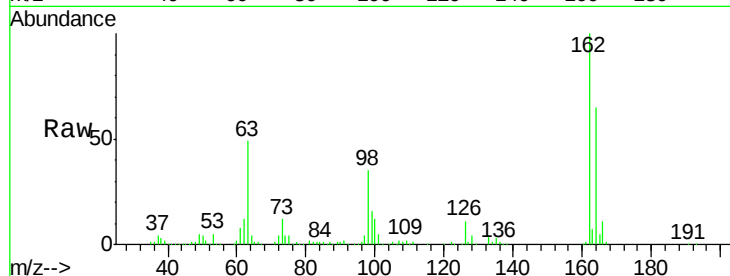
Tgt Ion:162 Resp: 489946

Ion Ratio Lower Upper

162 100

164 64.6 46.8 86.8

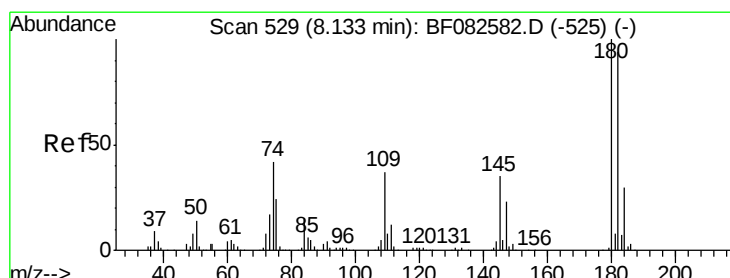
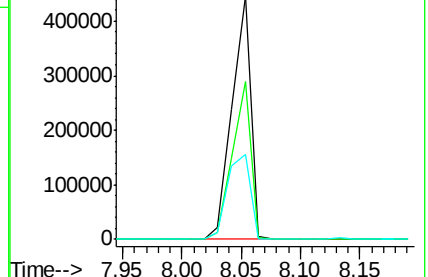
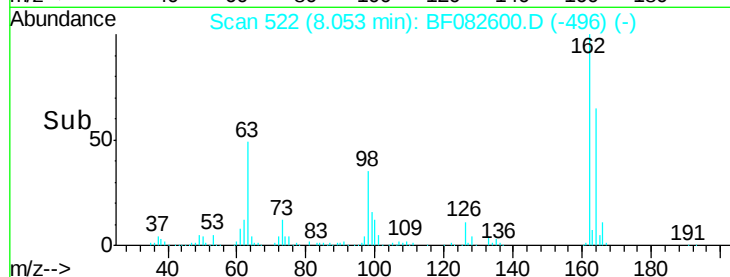
98 34.9 12.5 52.5



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: 37.97 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

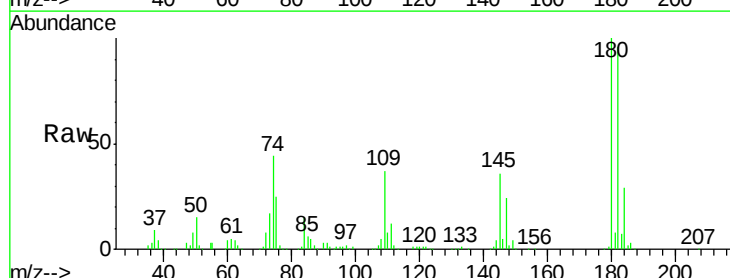
Tgt Ion:180 Resp: 491081

Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

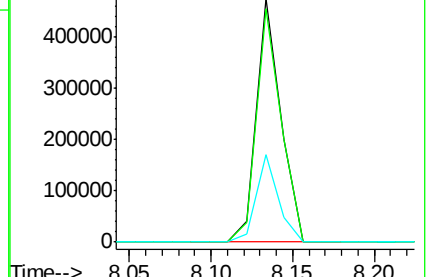
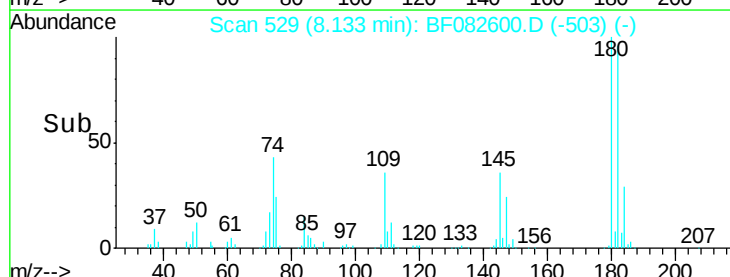
145 35.9 27.8 41.8

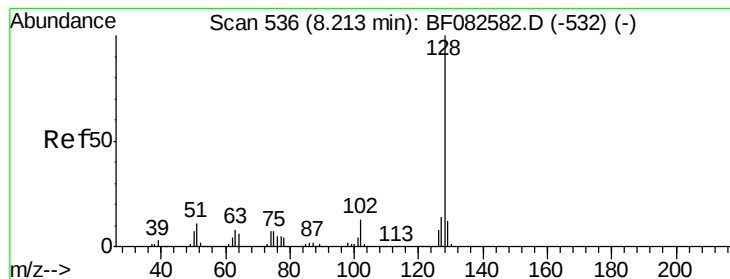


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.29 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

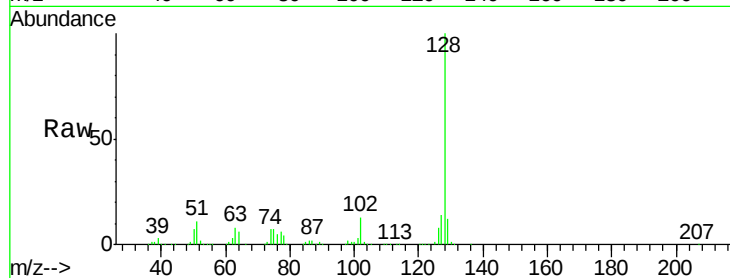
Tgt Ion:128 Resp: 1461764

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

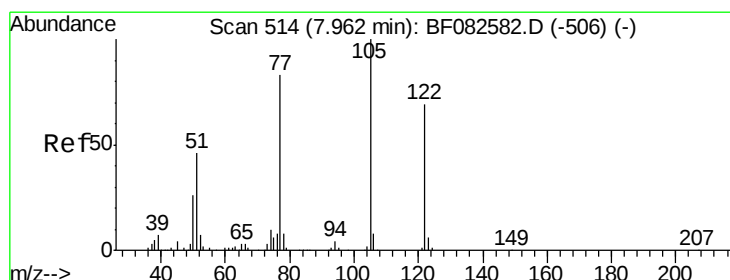
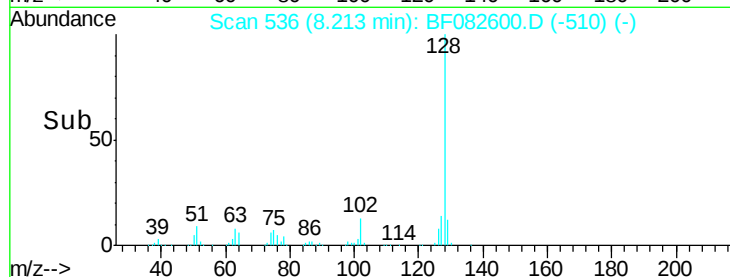
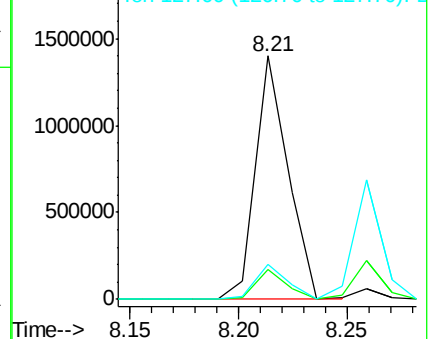
127 14.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.25 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

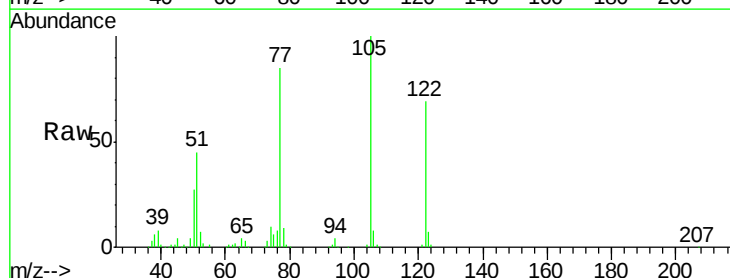
Tgt Ion:122 Resp: 410464

Ion Ratio Lower Upper

122 100

105 144.6 122.6 162.6

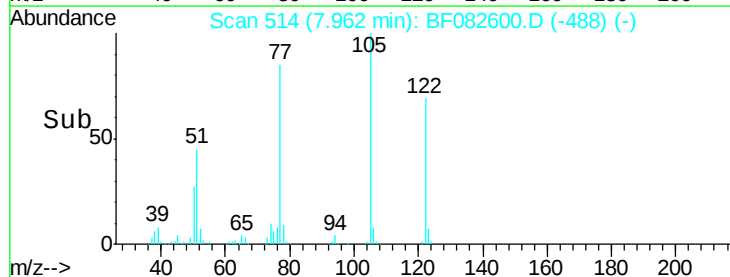
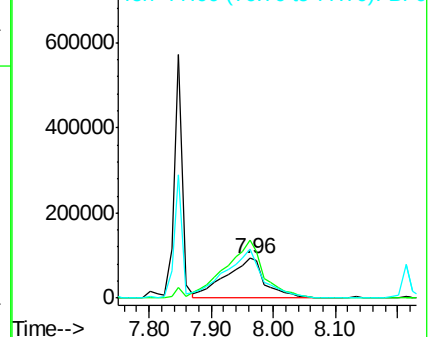
77 122.9 100.9 140.9

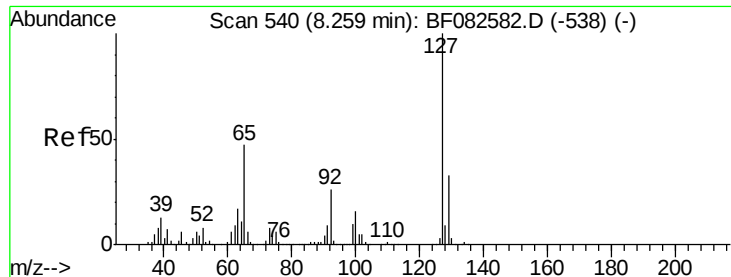


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

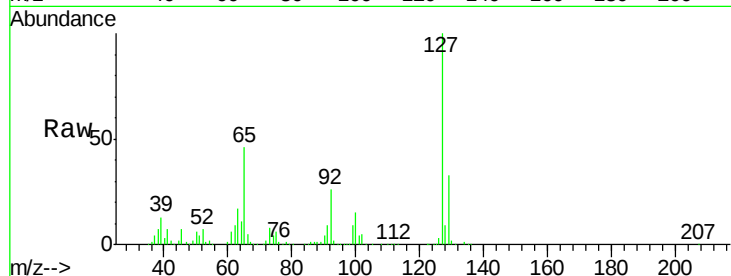




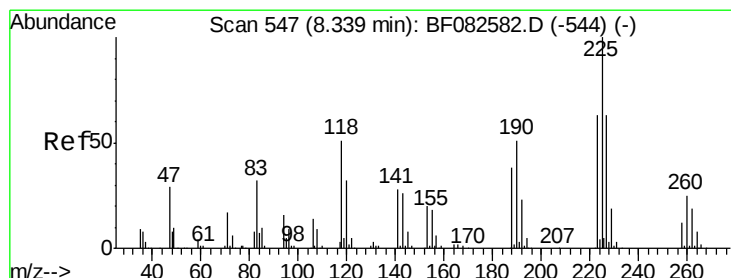
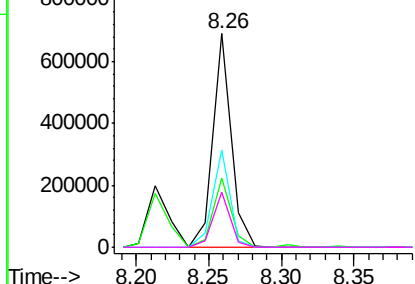
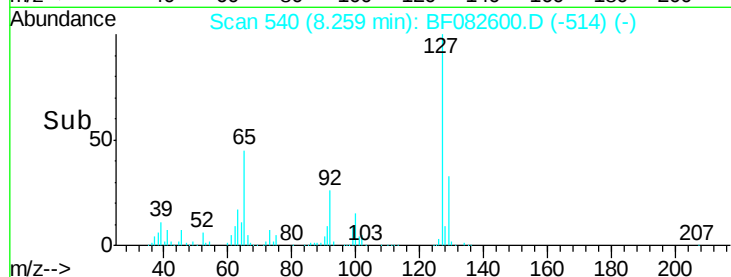
#33
 4-Chloroaniline
 Concen: 36.46 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	127	Resp:	610205
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	45.5	37.8	56.8
92	25.6	20.6	31.0

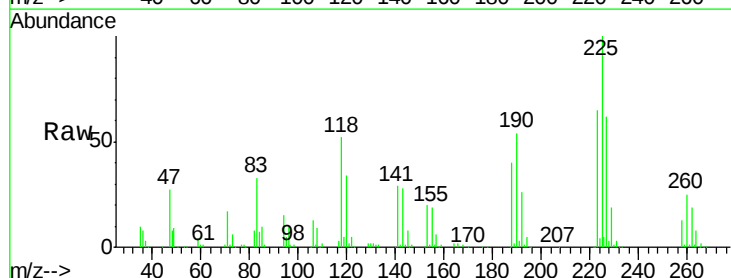


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

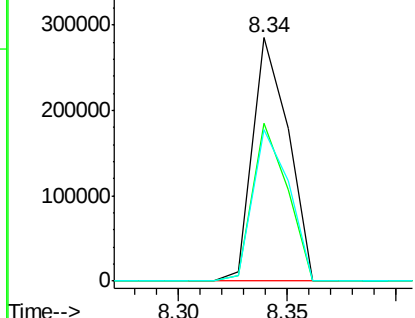
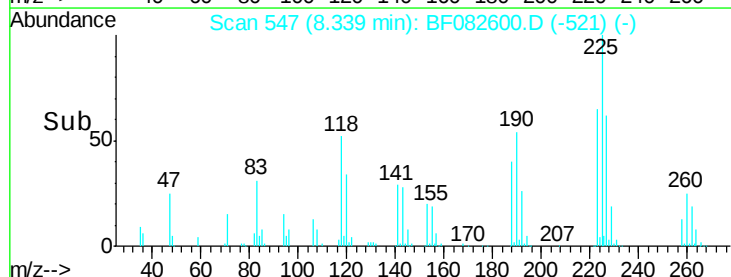


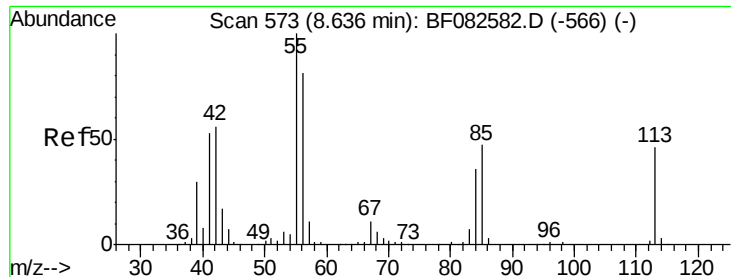
#34
 Hexachlorobutadiene
 Concen: 39.57 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:	225	Resp:	325529
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.5	75.7
227	62.3	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

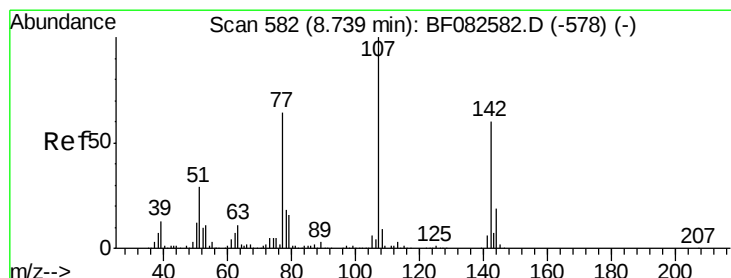
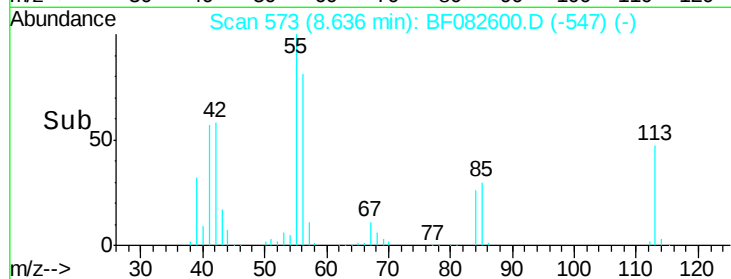
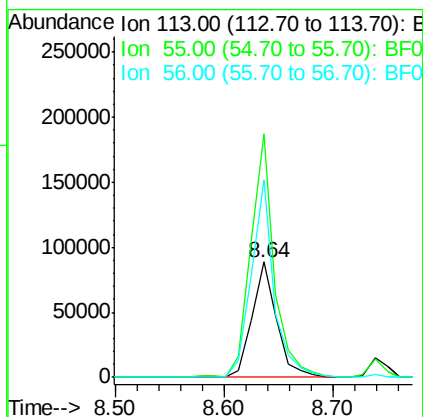
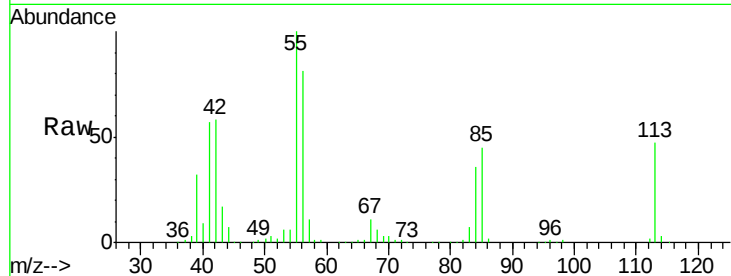




#35
 Caprolactam
 Concen: 38.99 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

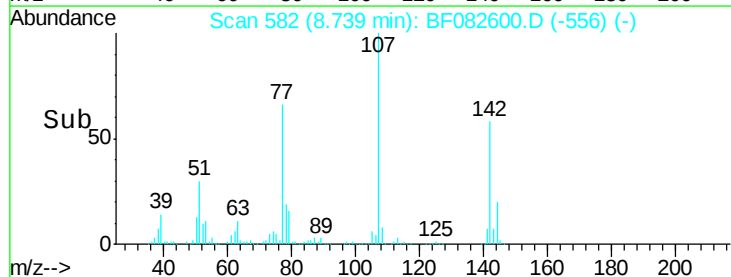
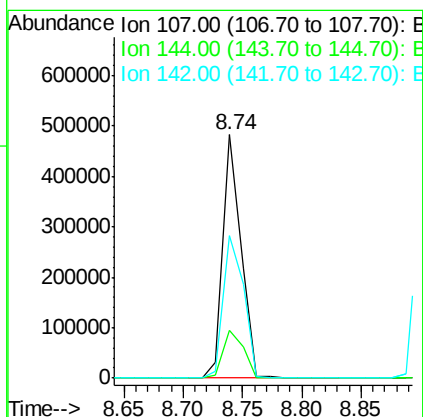
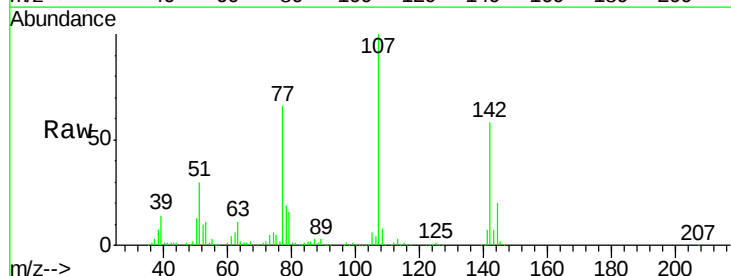
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 139414
 Ion Ratio Lower Upper
 113 100
 55 211.3 195.5 235.5
 56 171.2 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.19 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:107 Resp: 510407
 Ion Ratio Lower Upper
 107 100
 144 19.7 15.4 23.0
 142 58.5 47.8 71.8





#37

2-Methylnaphthalene

Concen: 43.37 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

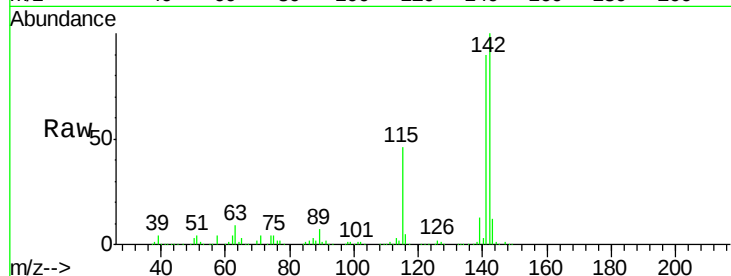
Tgt Ion:142 Resp: 1101682

Ion Ratio Lower Upper

142 100

141 89.7 72.3 108.5

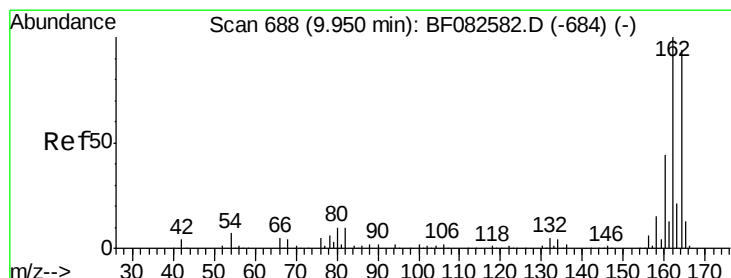
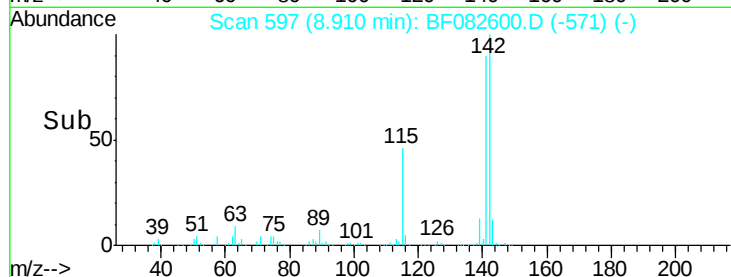
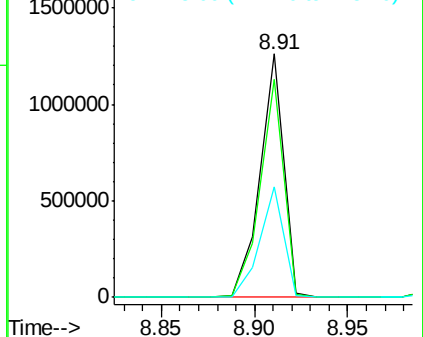
115 45.5 38.1 57.1



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: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

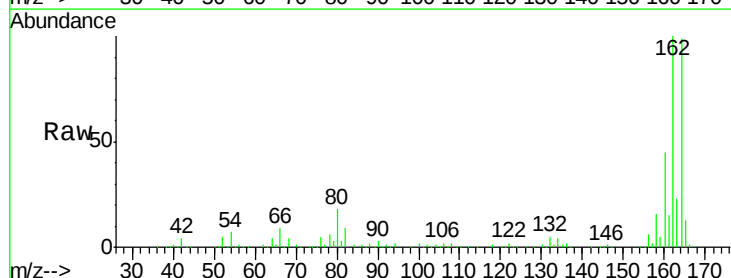
Tgt Ion:164 Resp: 391299

Ion Ratio Lower Upper

164 100

162 101.0 84.9 127.3

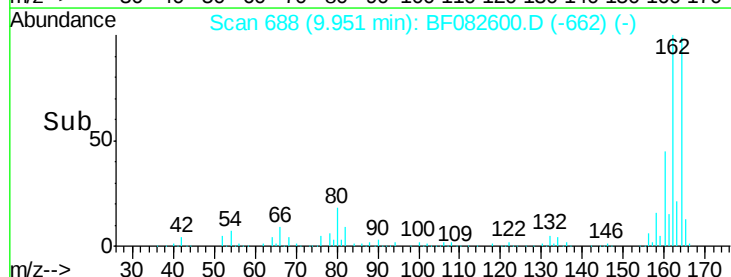
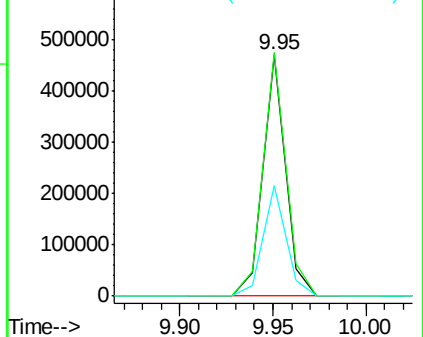
160 45.7 37.5 56.3

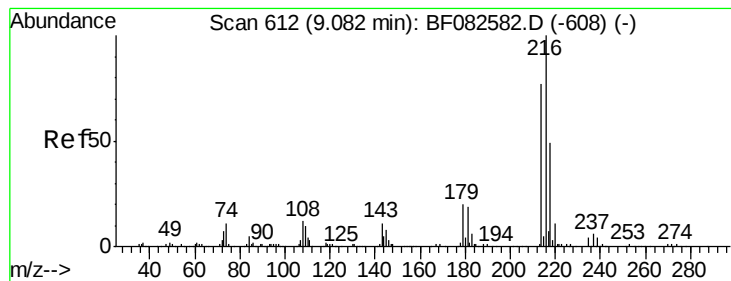


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.45 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 515163

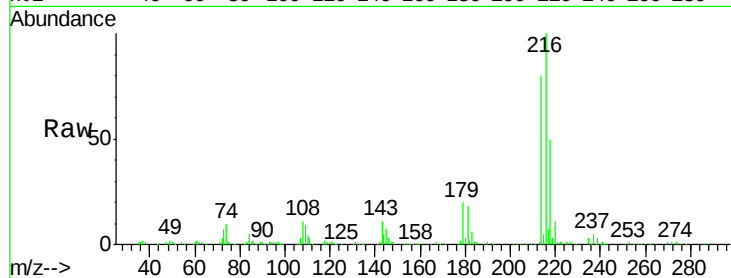
Ion Ratio Lower Upper

216 100

214 80.5 62.2 93.2

179 22.3 18.1 27.1

108 20.6 16.6 25.0

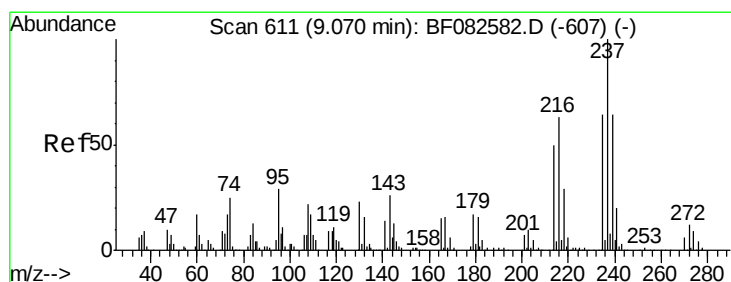
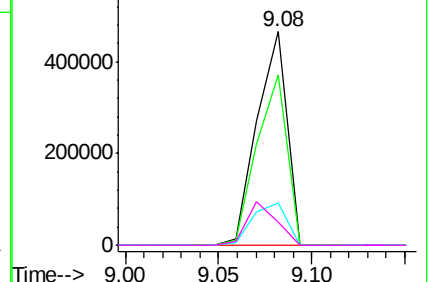
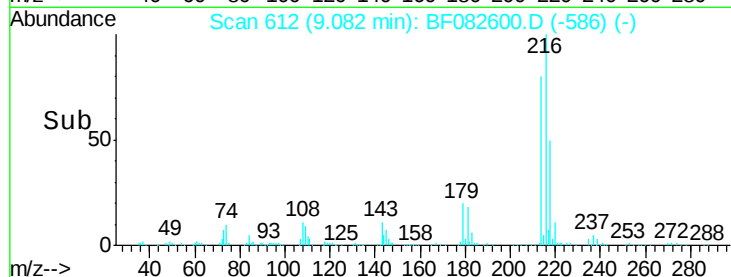


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.53 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

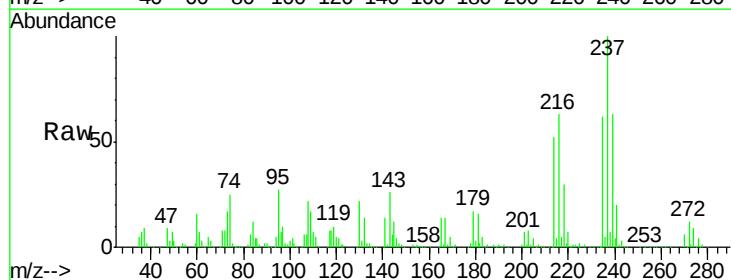
Tgt Ion:237 Resp: 340931

Ion Ratio Lower Upper

237 100

235 61.9 44.3 84.3

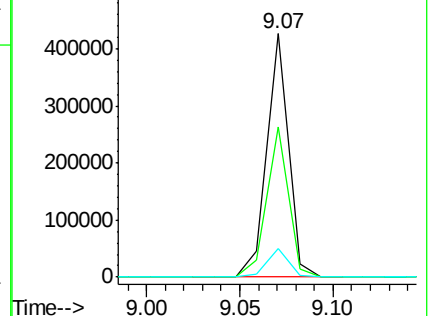
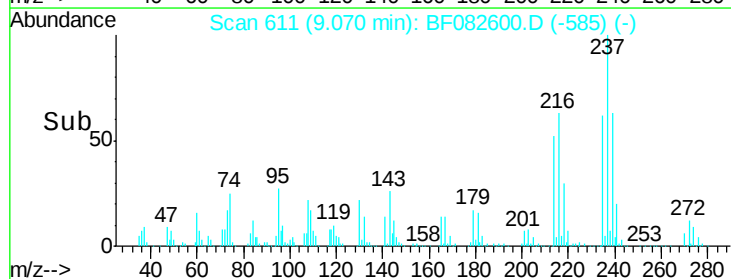
272 11.6 0.0 31.9

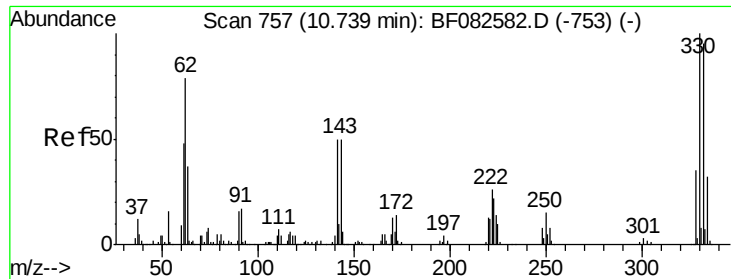


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

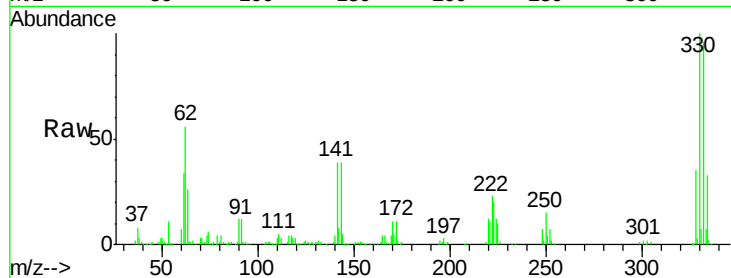




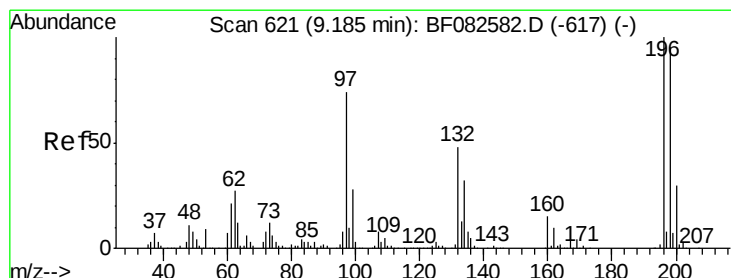
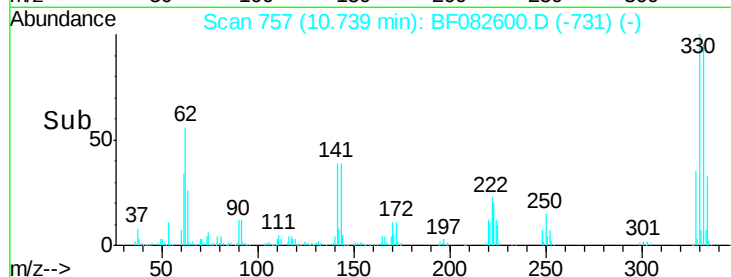
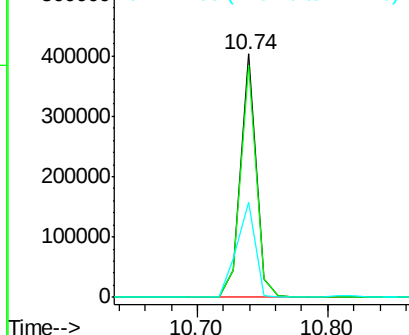
#41
 2,4,6-Tribromophenol
 Concen: 77.97 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 333895
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 46.5 41.2 61.8

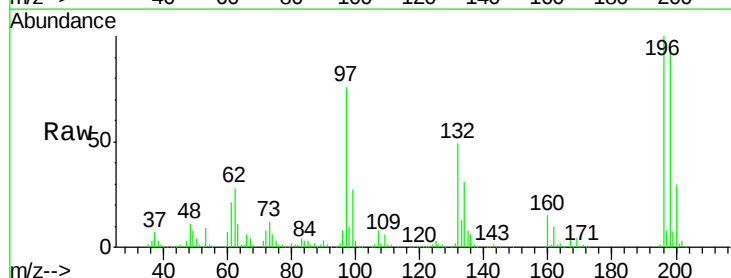


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

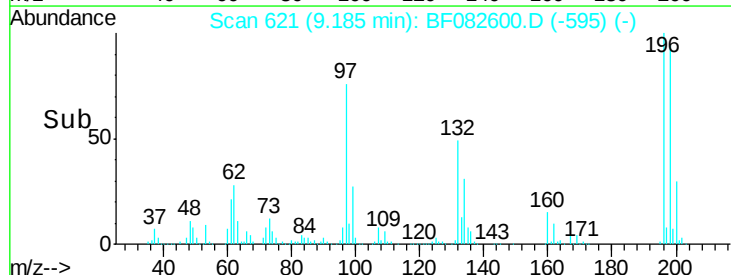
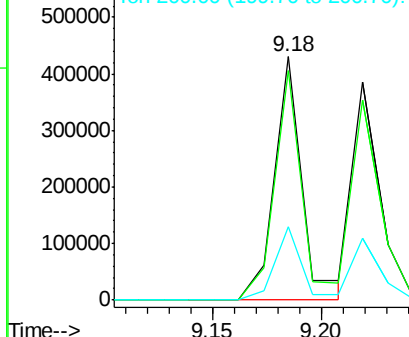


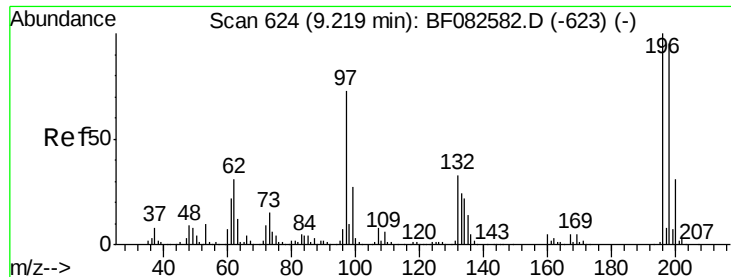
#42
 2,4,6-Trichlorophenol
 Concen: 40.77 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:196 Resp: 384363
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 30.2 23.9 35.9



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

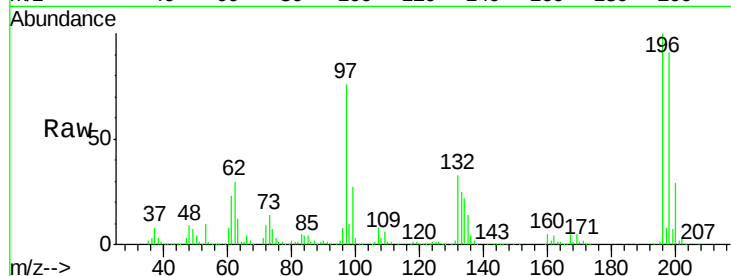




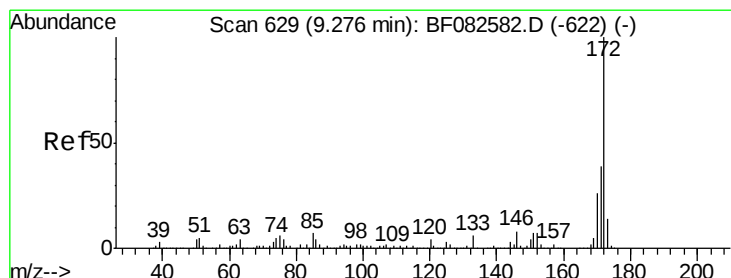
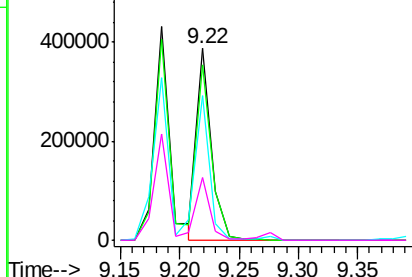
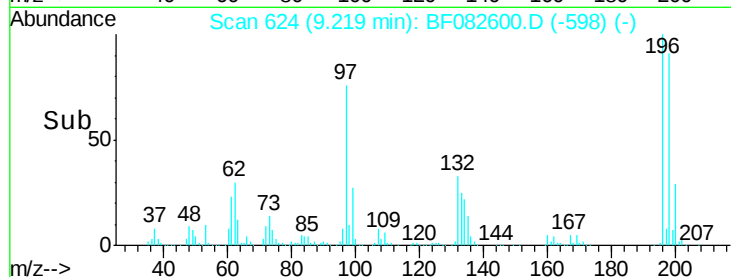
#43
 2,4,5-Trichlorophenol
 Concen: 36.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 341411
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.8 113.8
 97 75.6 62.3 93.5
 132 33.1 27.4 41.2

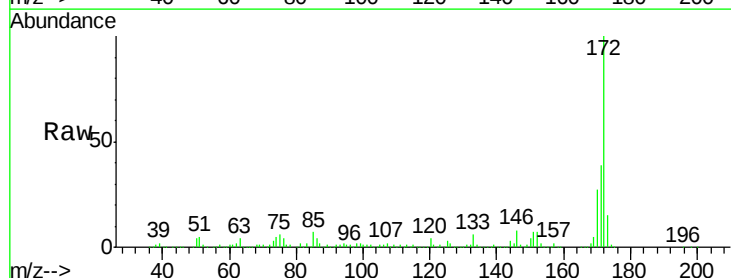


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

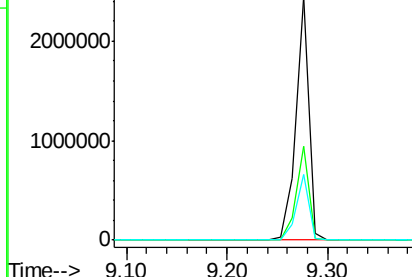
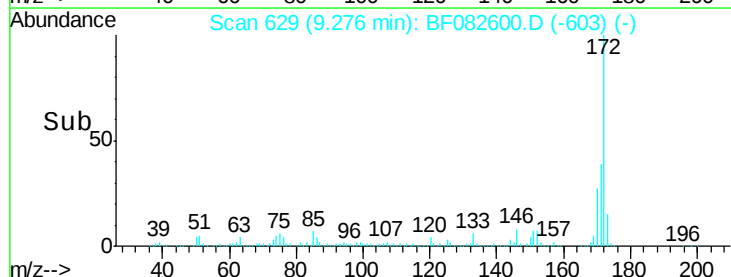


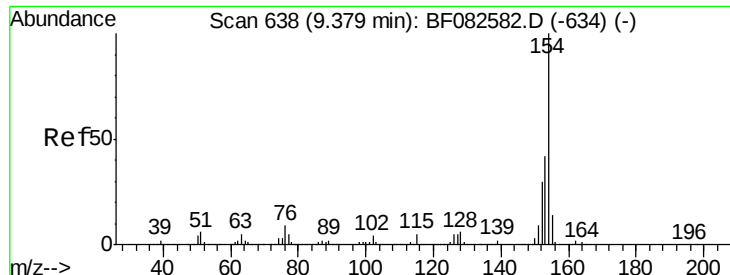
#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:172 Resp: 2173929
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 26.8 21.2 31.8



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

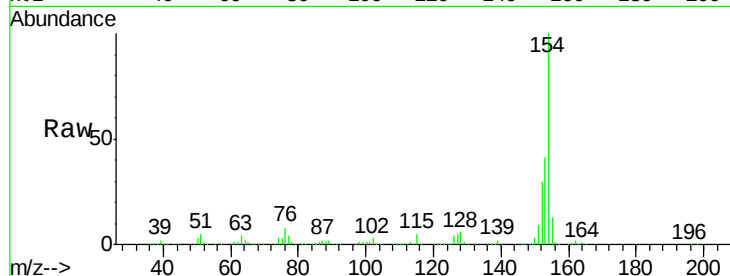




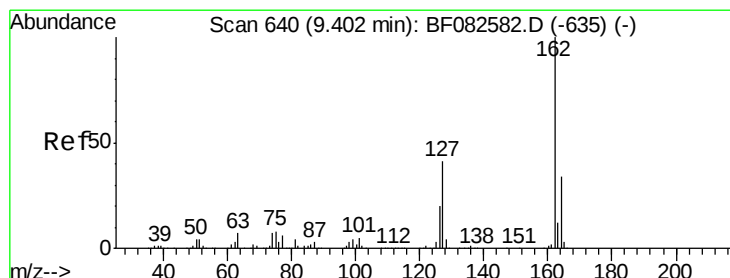
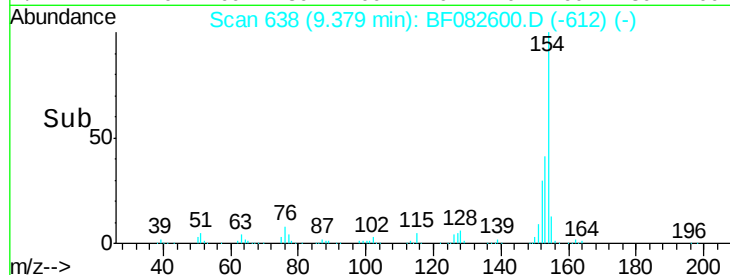
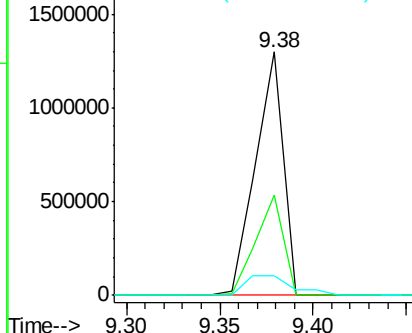
#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1324933
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.0 62.0
 76 7.9 0.0 29.0

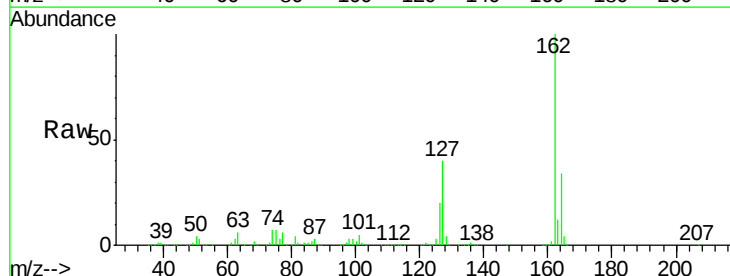


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

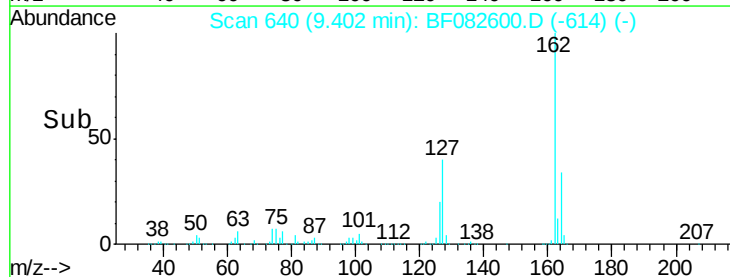
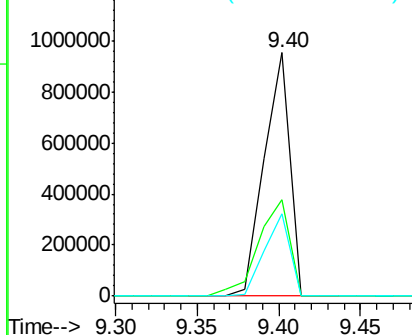


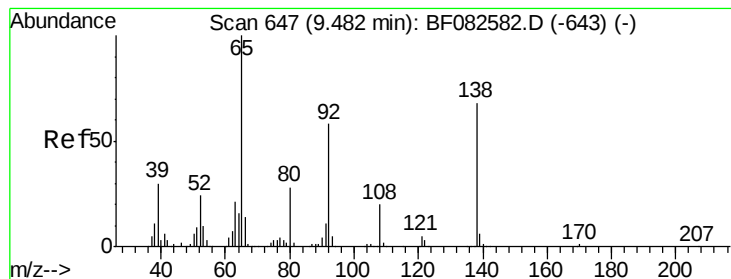
#46
 2-Chloronaphthalene
 Concen: 40.45 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:162 Resp: 1044094
 Ion Ratio Lower Upper
 162 100
 127 39.7 32.7 49.1
 164 33.9 27.4 41.0



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: 36.21 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

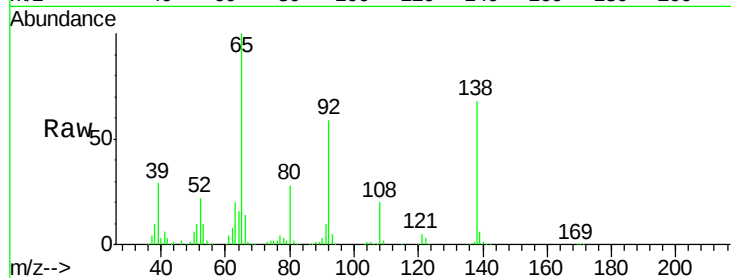
Tgt Ion: 65 Resp: 363314

Ion Ratio Lower Upper

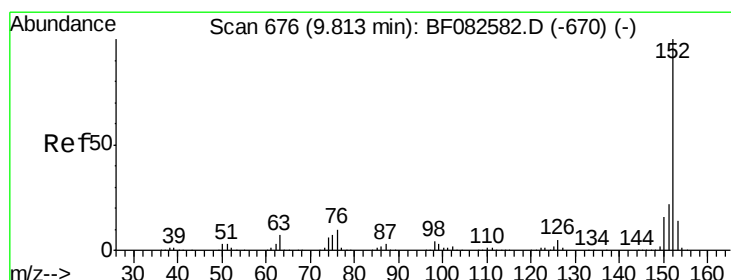
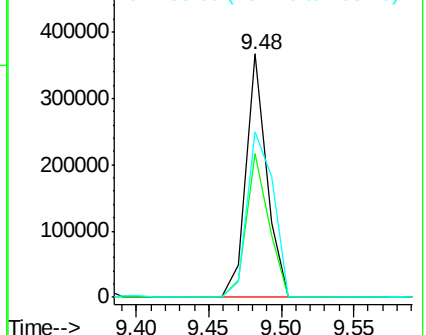
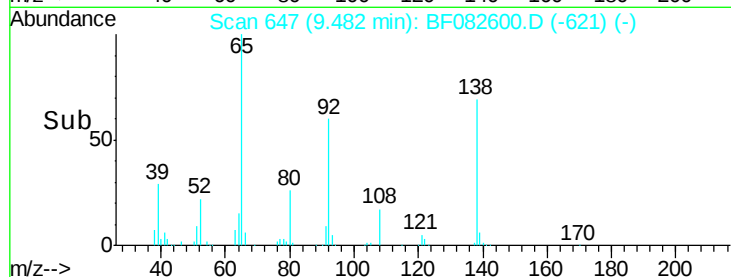
65 100

92 58.8 46.6 70.0

138 68.2 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.06 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

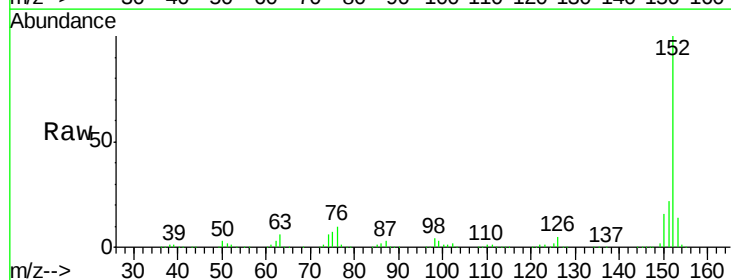
Tgt Ion: 152 Resp: 1612364

Ion Ratio Lower Upper

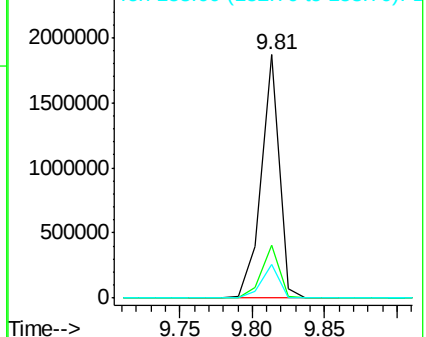
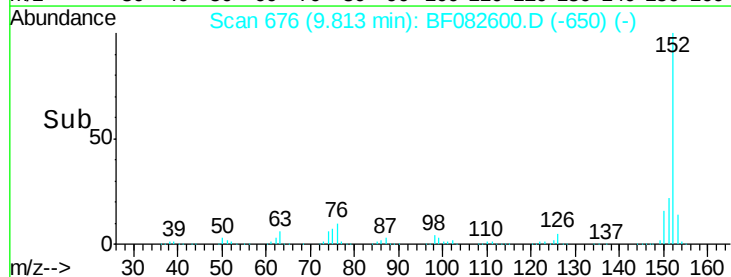
152 100

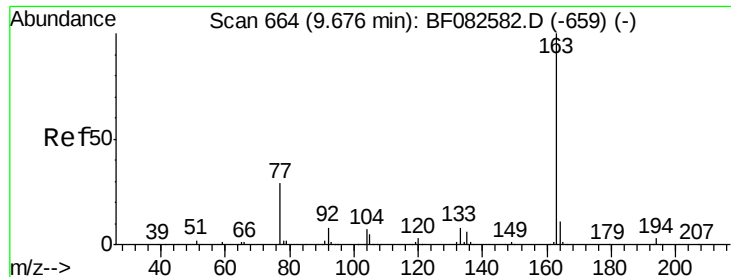
151 21.8 17.3 25.9

153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.60 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

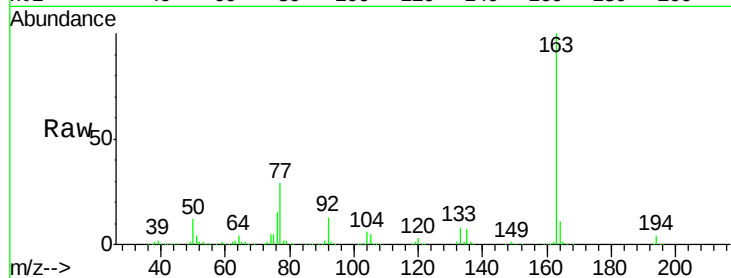
Tgt Ion:163 Resp: 1169503

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

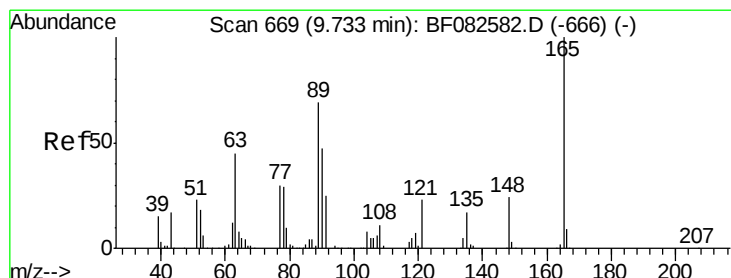
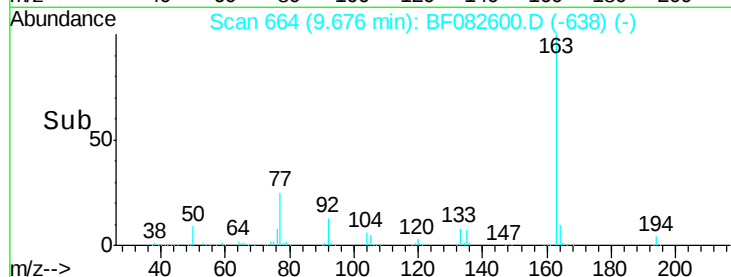
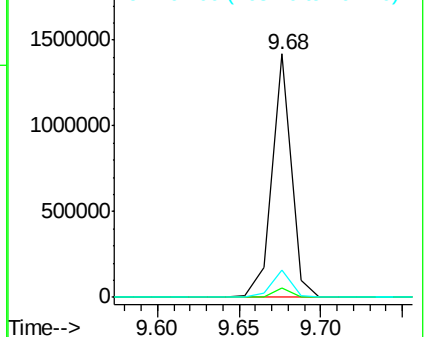
164 11.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.66 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

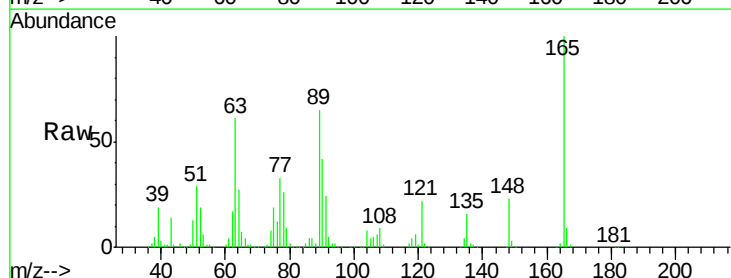
Tgt Ion:165 Resp: 289182

Ion Ratio Lower Upper

165 100

63 61.0 55.5 83.3

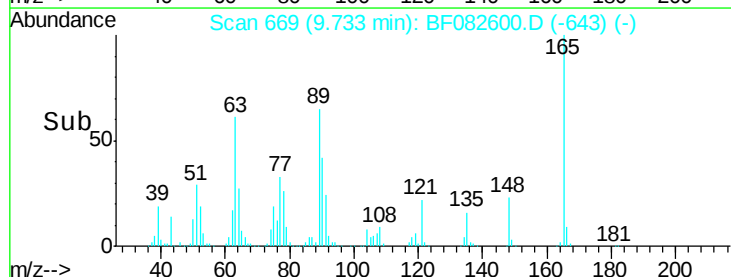
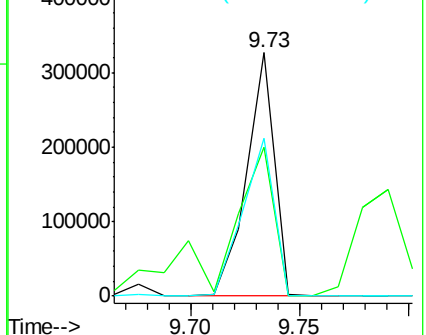
89 64.8 55.0 82.6

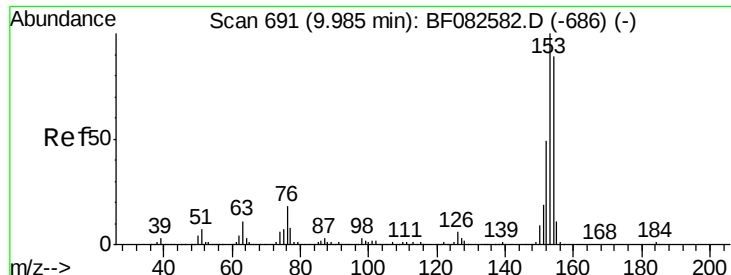


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.11 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

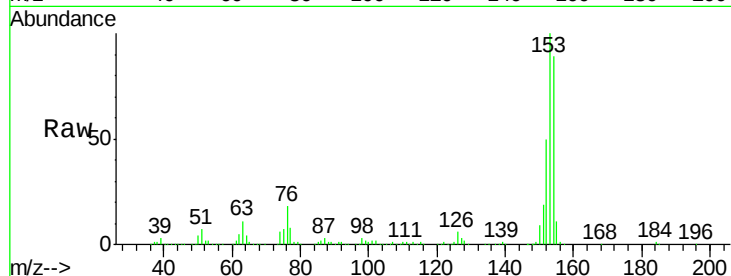
Tgt Ion:154 Resp: 972484

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

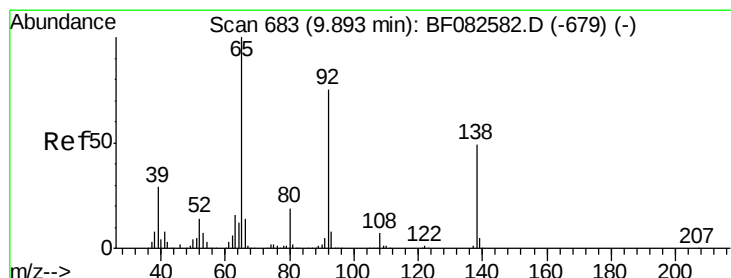
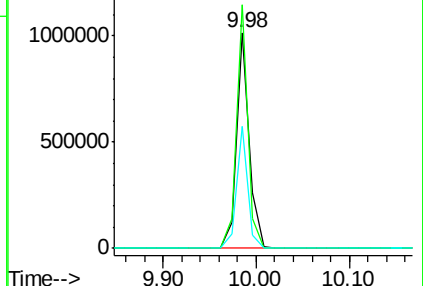
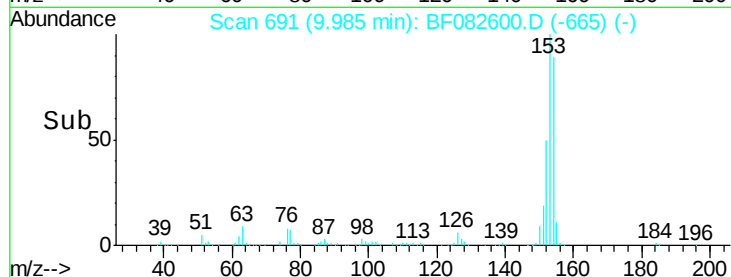
152 56.6 44.3 66.5



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: 35.02 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

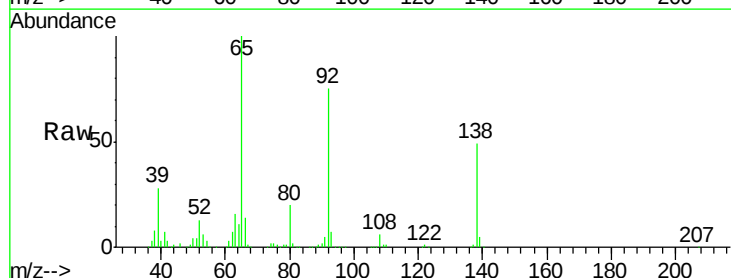
Tgt Ion:138 Resp: 258067

Ion Ratio Lower Upper

138 100

108 12.8 11.3 16.9

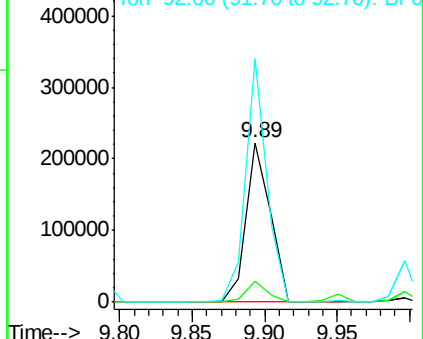
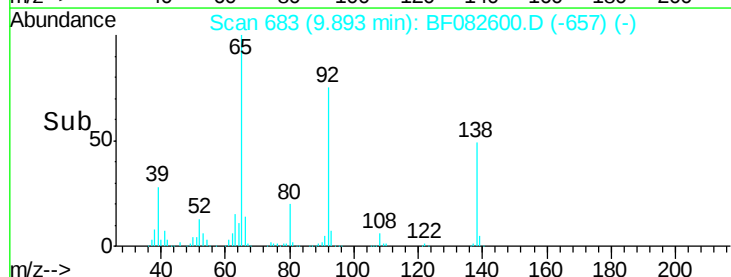
92 152.5 122.4 183.6

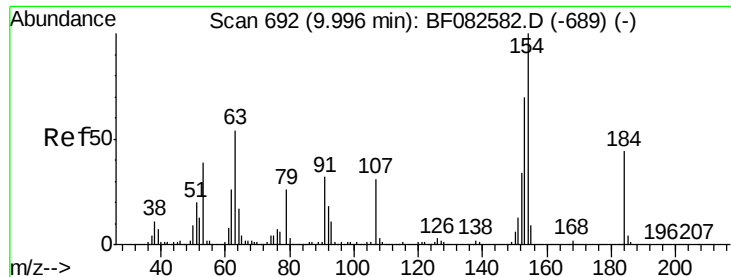


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

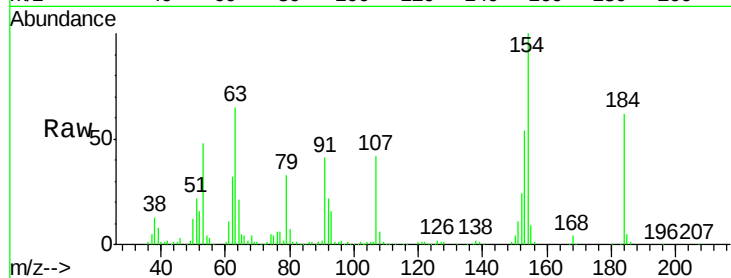




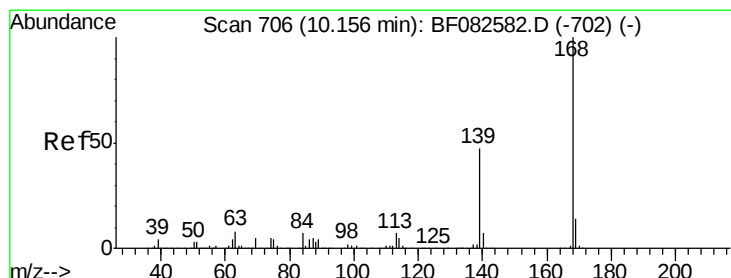
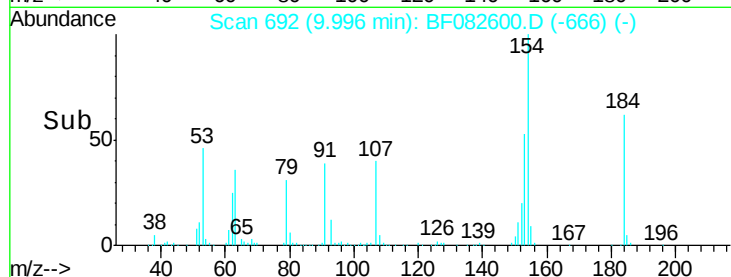
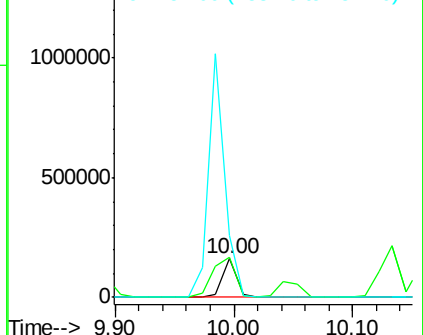
#53
2,4-Dinitrophenol
Concen: 40.31 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 129462
Ion Ratio Lower Upper
184 100
63 104.8 98.6 148.0
154 161.3 183.9 275.9#

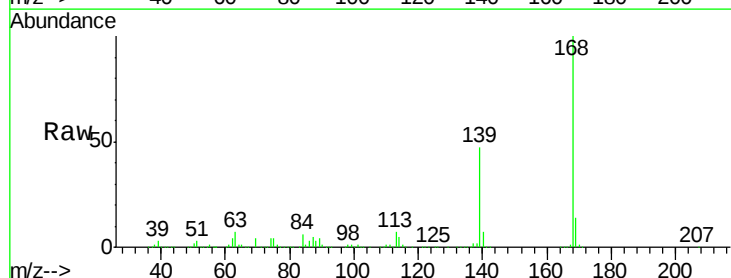


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

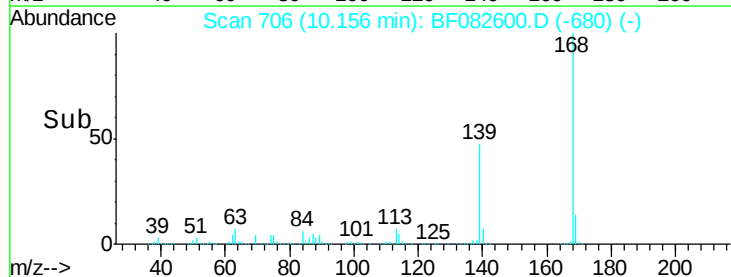
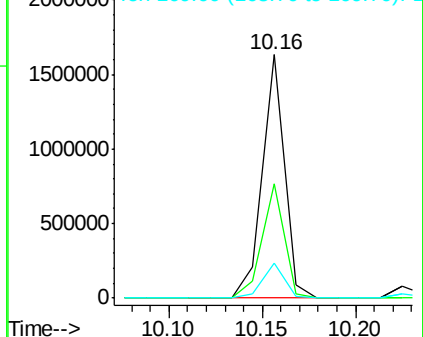


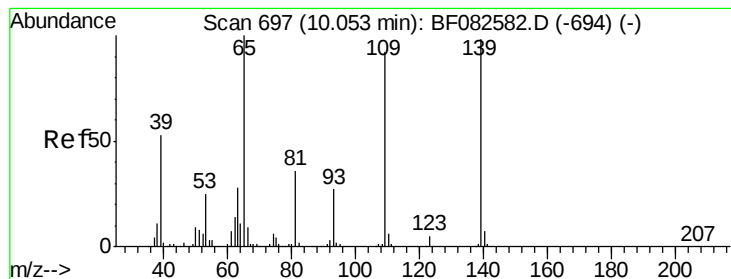
#54
Dibenzofuran
Concen: 37.39 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion:168 Resp: 1329527
Ion Ratio Lower Upper
168 100
139 47.1 37.8 56.6
169 14.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.64 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

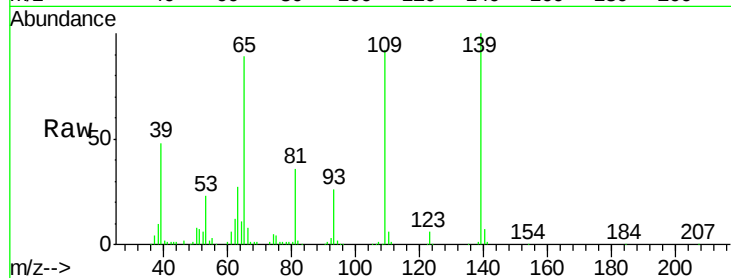
Tgt Ion:139 Resp: 241958

Ion Ratio Lower Upper

139 100

109 92.1 73.7 113.7

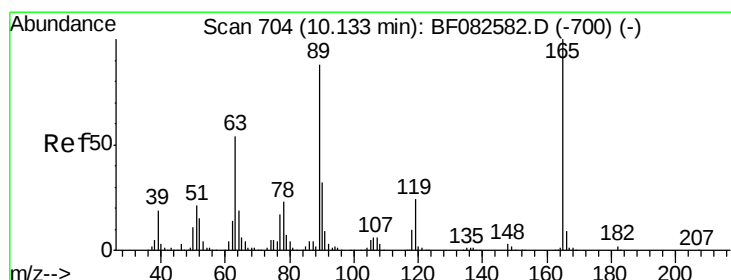
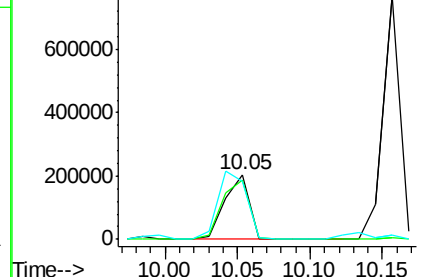
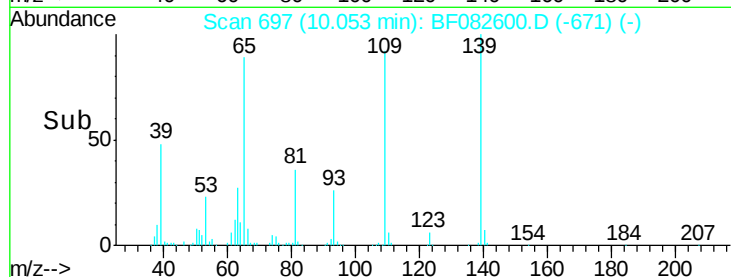
65 89.5 82.9 122.9



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: 43.41 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Tgt Ion:165 Resp: 388817

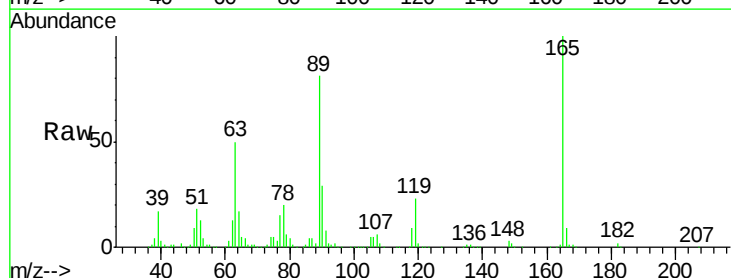
Ion Ratio Lower Upper

165 100

63 49.9 43.4 65.0

89 81.2 70.6 106.0

182 2.3 1.5 2.3#

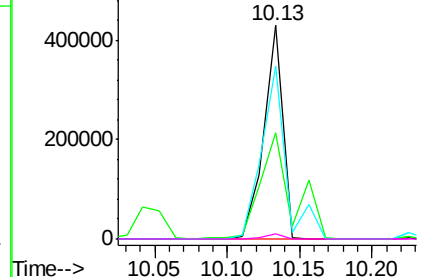
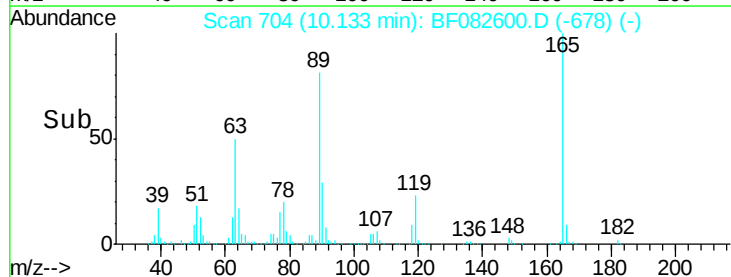


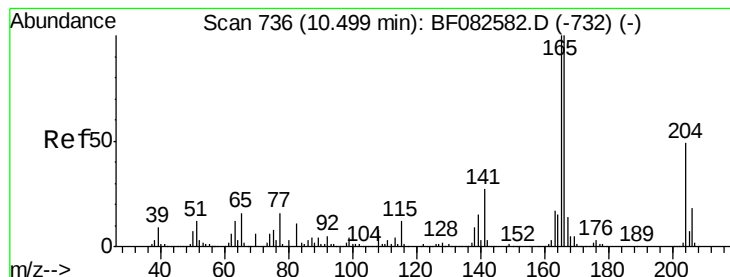
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.38 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

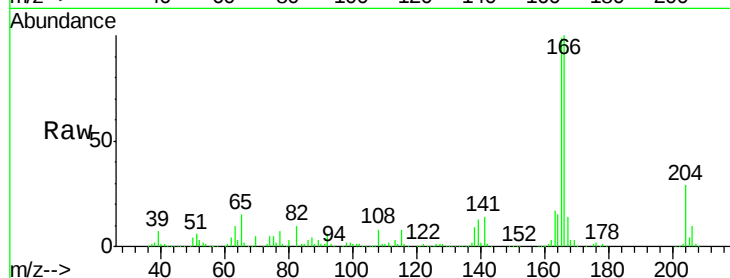
Tgt Ion:166 Resp: 1100874

Ion Ratio Lower Upper

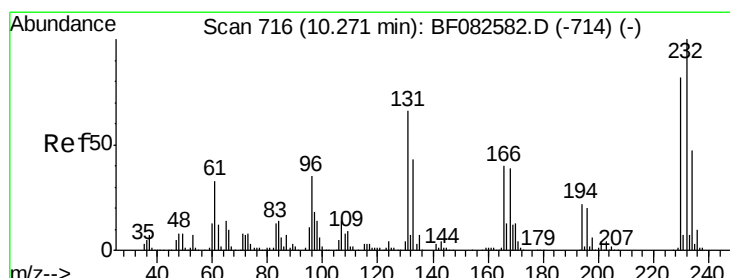
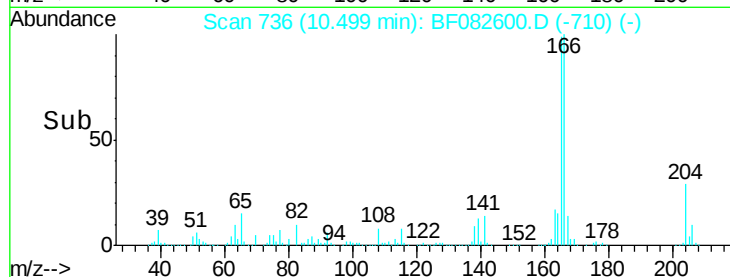
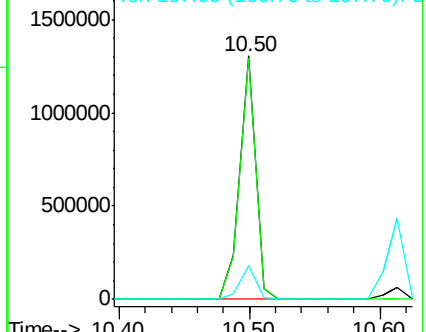
166 100

165 99.0 80.2 120.4

167 13.9 11.2 16.8



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: 39.09 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Tgt Ion:232 Resp: 310355

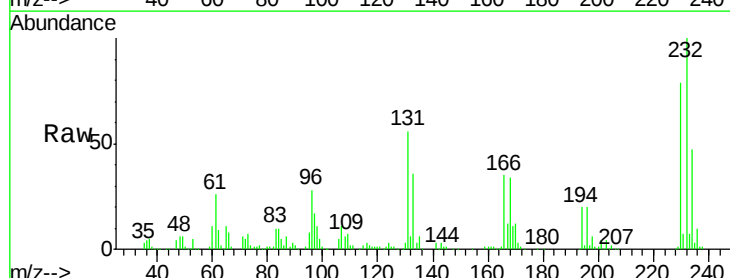
Ion Ratio Lower Upper

232 100

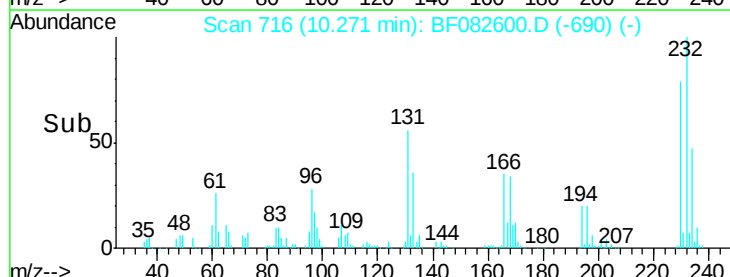
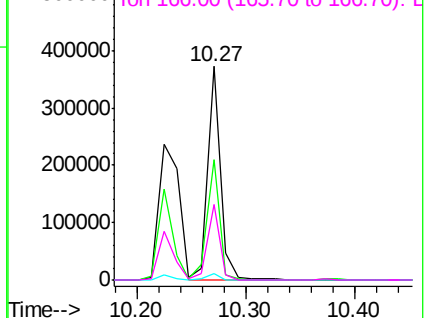
131 54.6 46.2 69.2

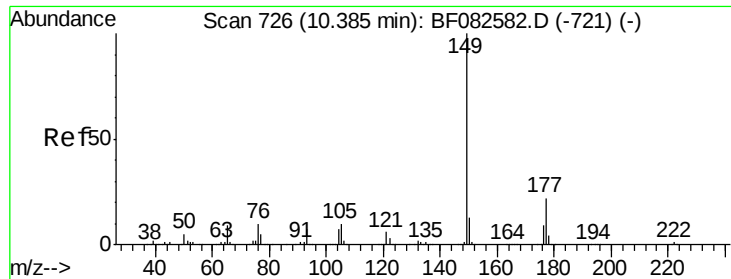
130 2.9 2.4 3.6

166 34.1 28.2 42.2



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

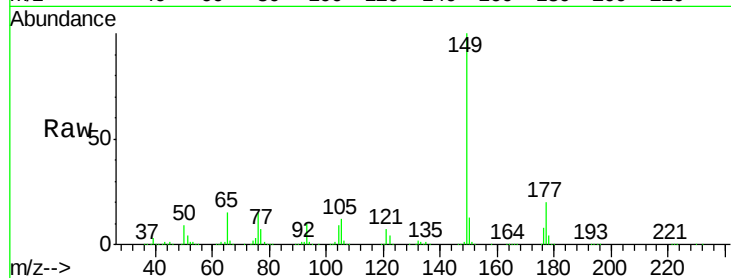




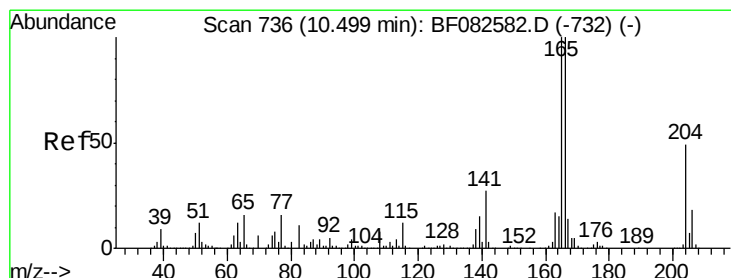
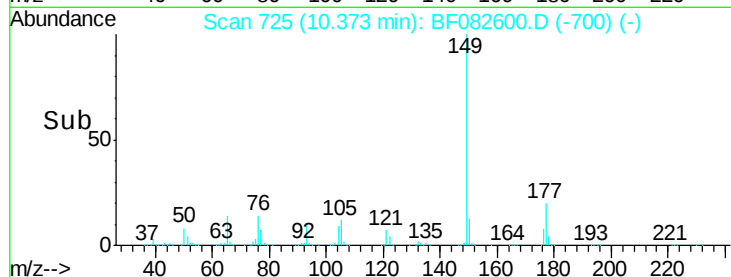
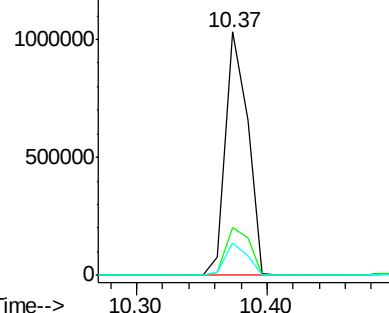
#59
Diethylphthalate
Concen: 37.46 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1218604
Ion Ratio Lower Upper
149 100
177 19.8 17.9 26.9
150 13.5 10.1 15.1

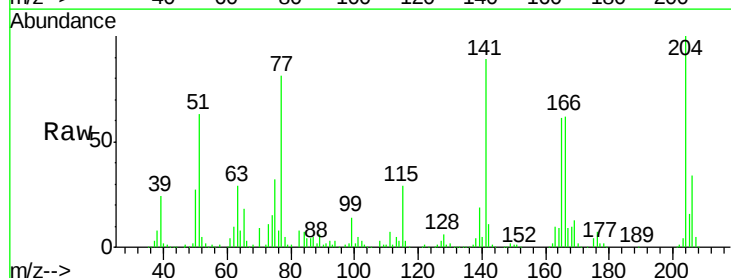


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

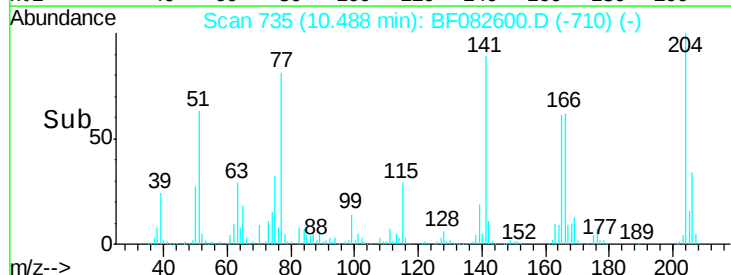
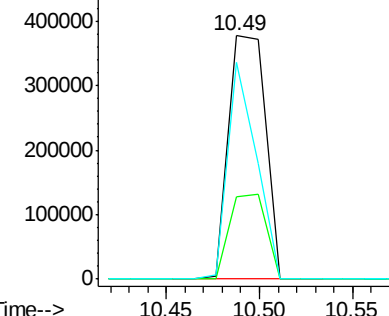


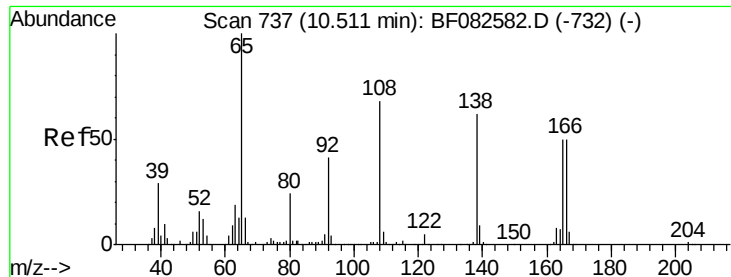
#60
4-Chlorophenyl-phenylether
Concen: 37.18 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion:204 Resp: 518328
Ion Ratio Lower Upper
204 100
206 33.6 28.5 42.7
141 88.8 44.6 66.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

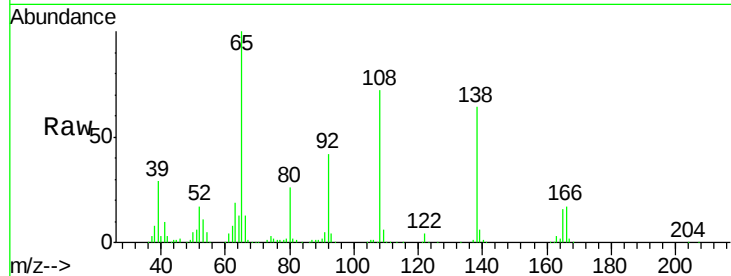




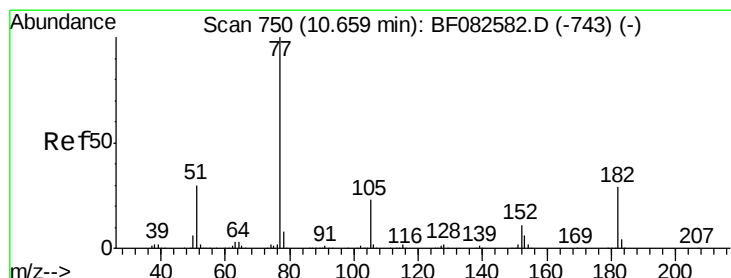
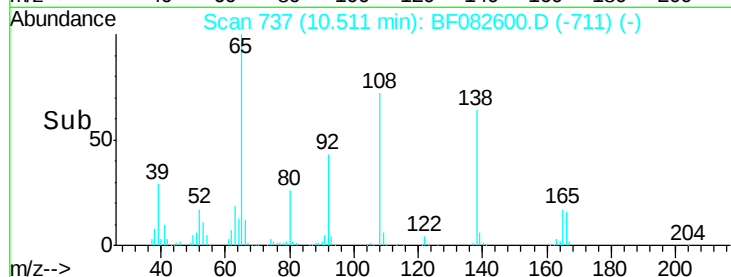
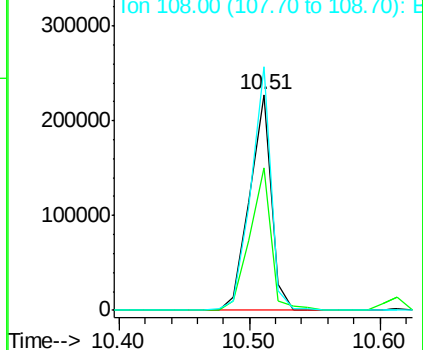
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 263473
Ion Ratio Lower Upper
138 100
92 66.3 45.8 85.8
108 113.0 89.4 129.4

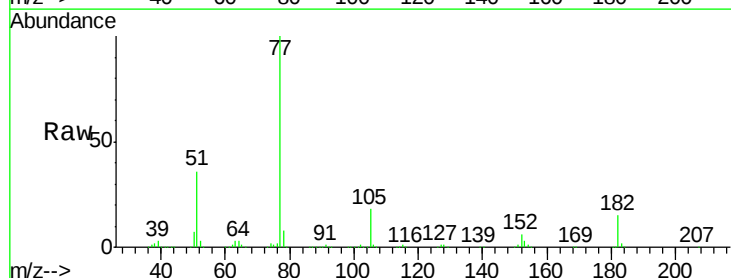


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

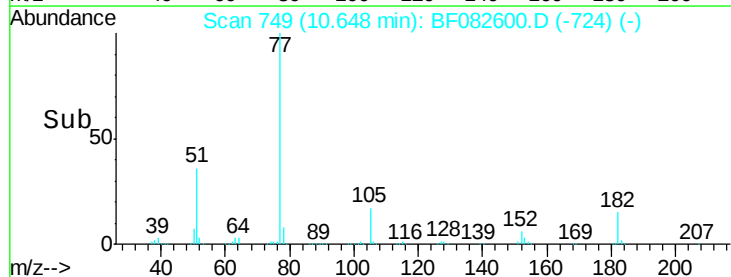
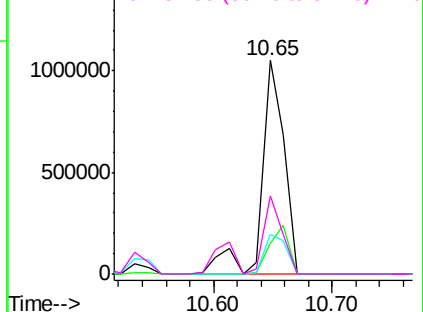


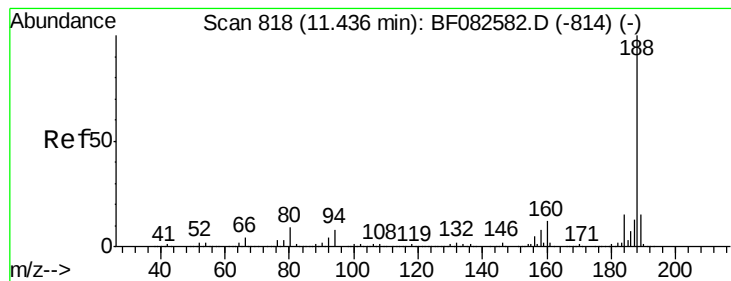
#62
Azobenzene
Concen: 37.56 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion: 77 Resp: 1378207
Ion Ratio Lower Upper
77 100
182 14.5 9.3 49.3
105 18.4 2.6 42.6
51 36.4 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

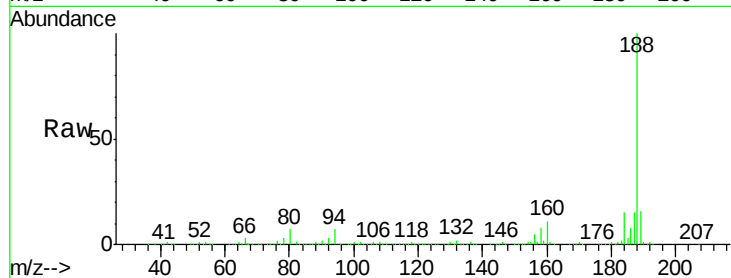
Tgt Ion:188 Resp: 731453

Ion Ratio Lower Upper

188 100

94 6.7 6.1 9.1

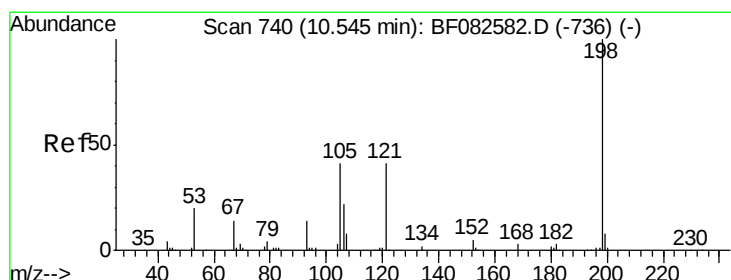
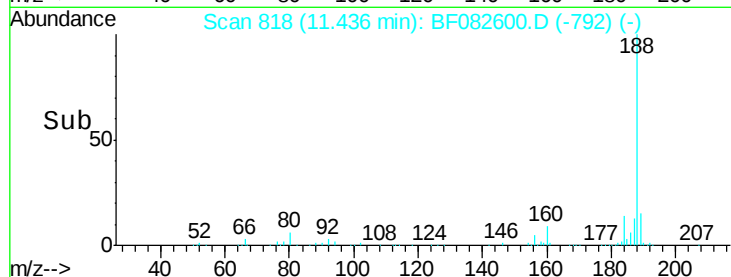
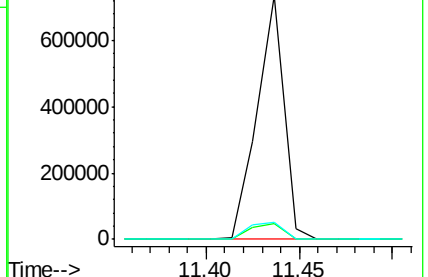
80 7.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.71 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

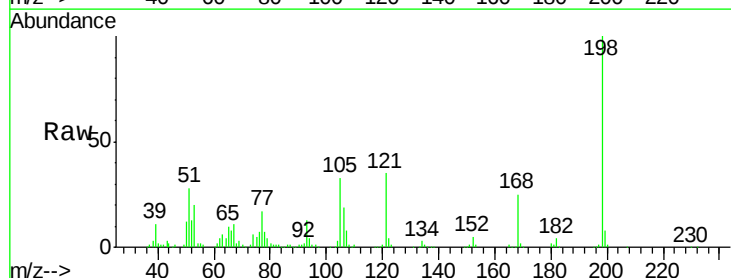
Tgt Ion:198 Resp: 206051

Ion Ratio Lower Upper

198 100

51 28.5 17.3 57.3

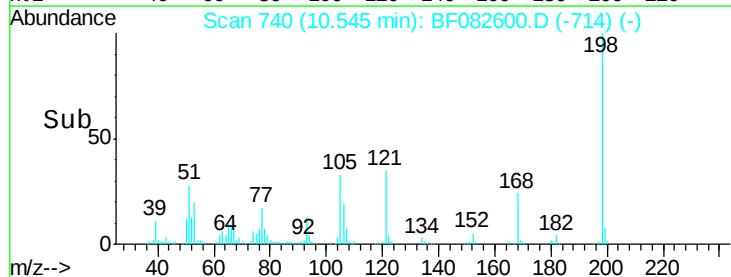
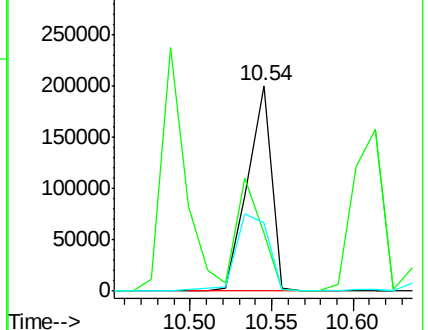
105 33.5 21.7 61.7

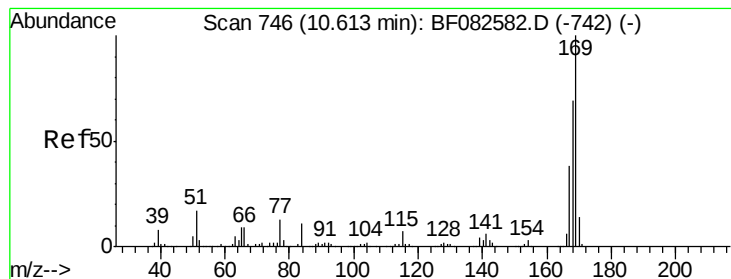


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.13 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

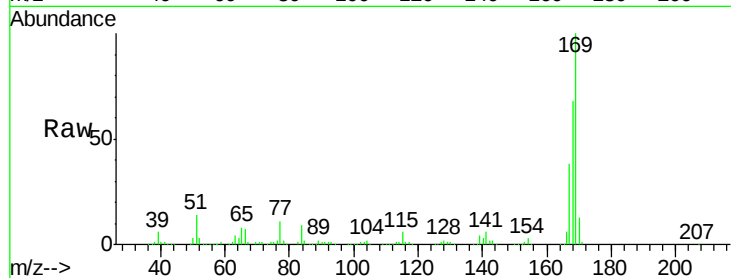
Tgt Ion:169 Resp: 1059243

Ion Ratio Lower Upper

169 100

168 68.4 55.0 82.6

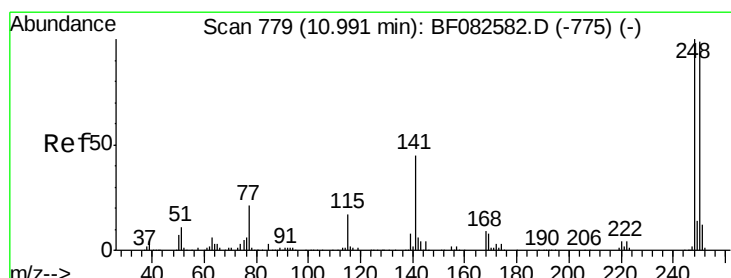
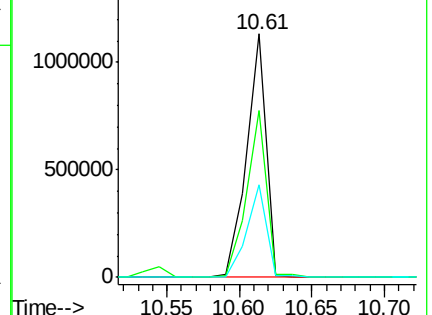
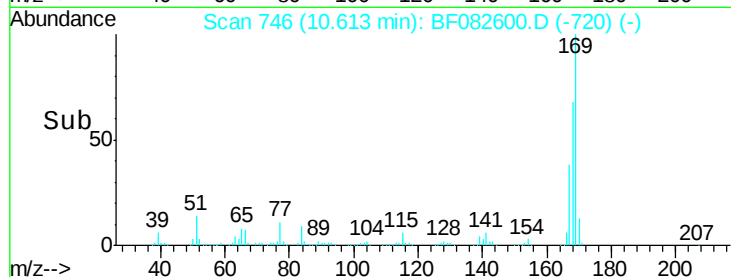
167 38.2 30.5 45.7



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: 37.05 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

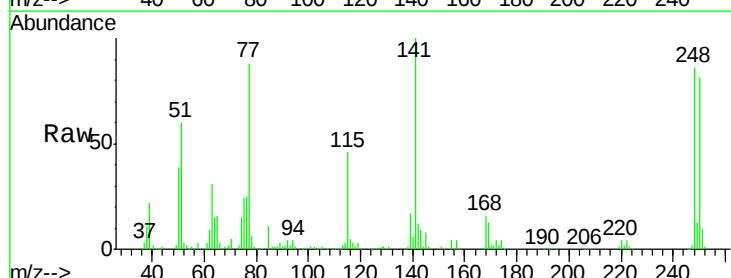
Tgt Ion:248 Resp: 307131

Ion Ratio Lower Upper

248 100

250 94.9 79.4 119.2

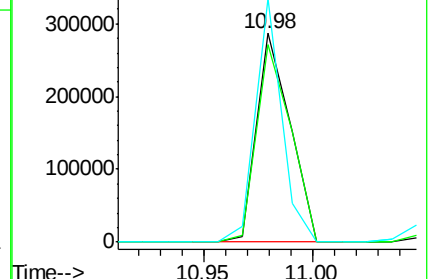
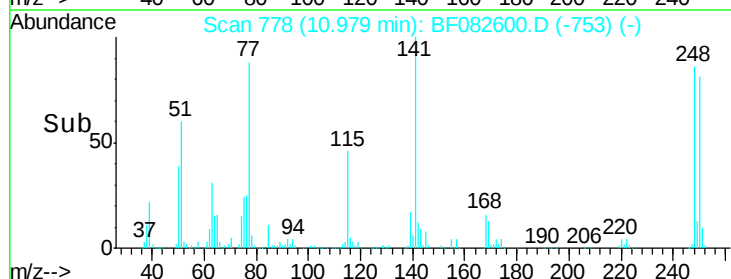
141 116.7 36.3 54.5#

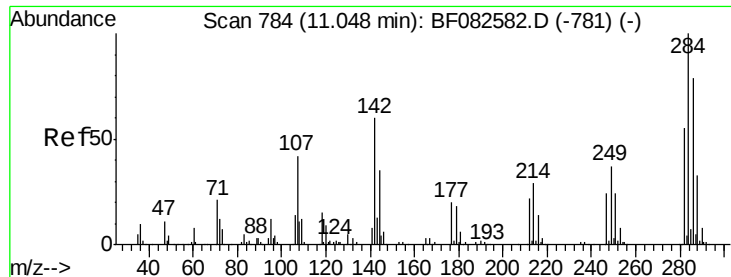


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

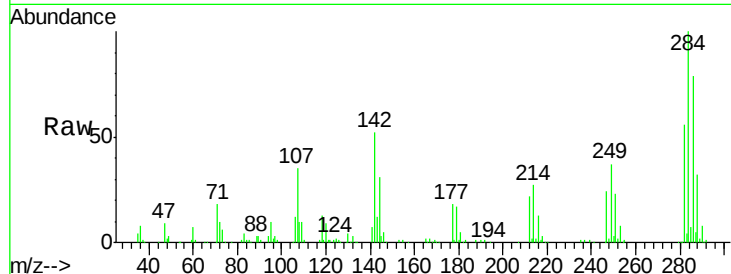




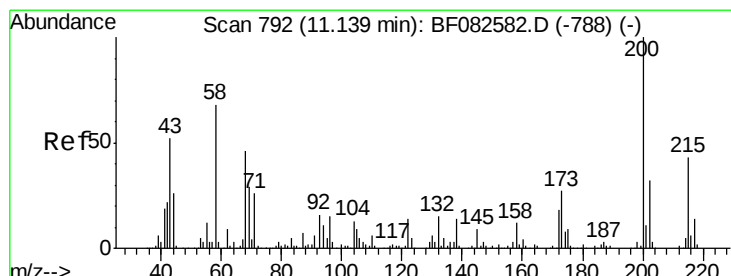
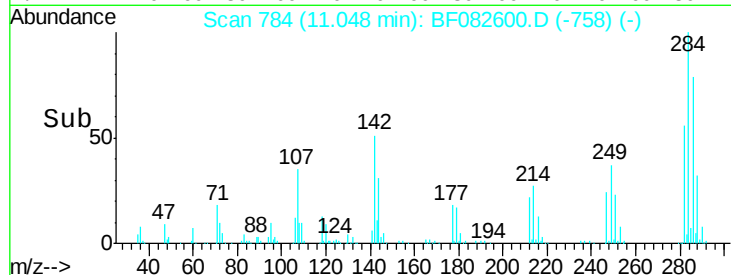
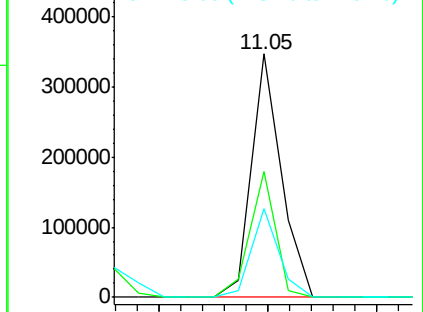
#67
Hexachlorobenzene
Concen: 36.05 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 331356
Ion Ratio Lower Upper
284 100
142 51.6 47.9 71.9
249 36.7 29.7 44.5

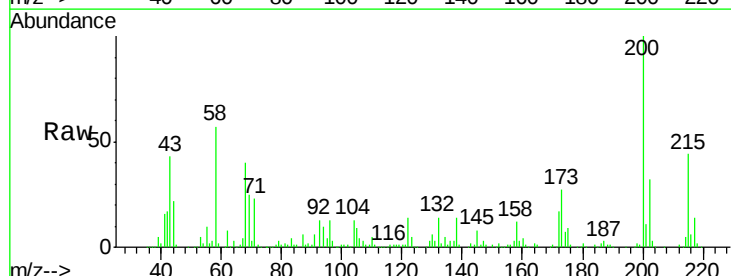


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

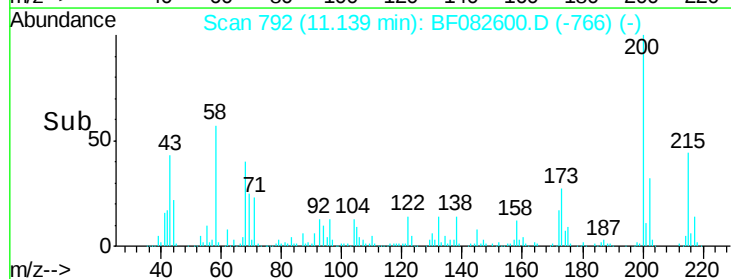
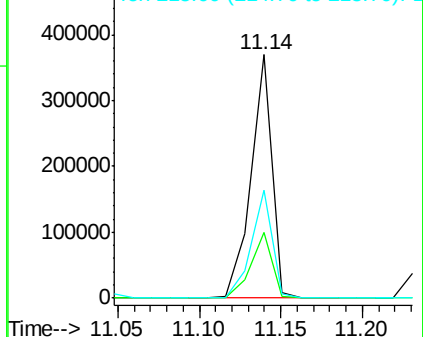


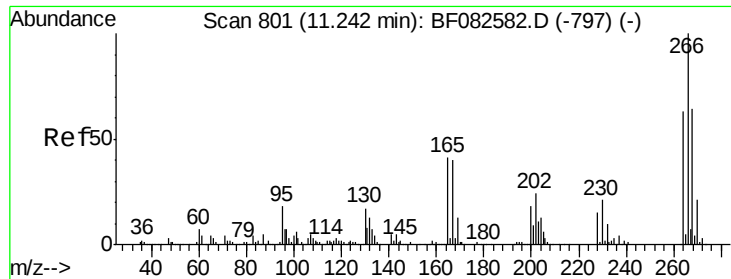
#68
Atrazine
Concen: 40.03 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion: 200 Resp: 329313
Ion Ratio Lower Upper
200 100
173 27.2 6.9 46.9
215 44.1 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

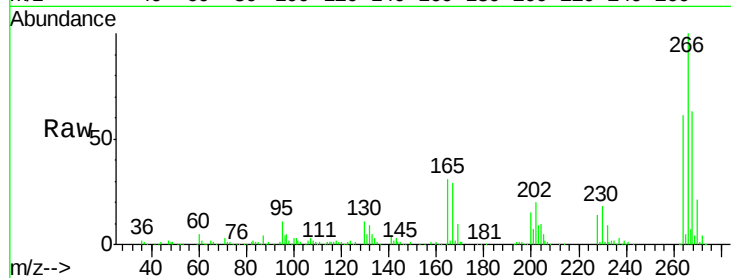




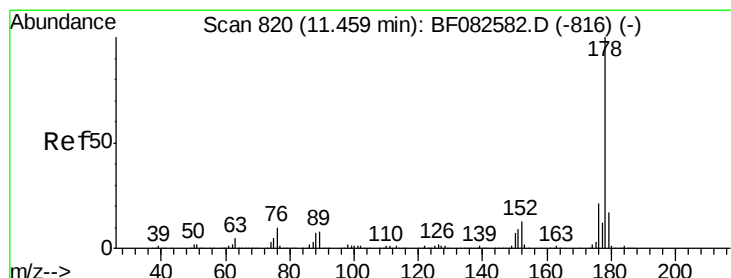
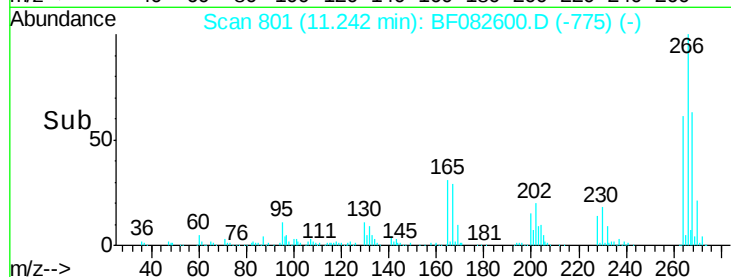
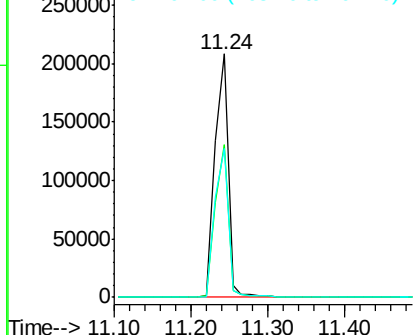
#69
 Pentachlorophenol
 Concen: 41.35 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 250594
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.0 76.6
 264 61.2 50.6 75.8

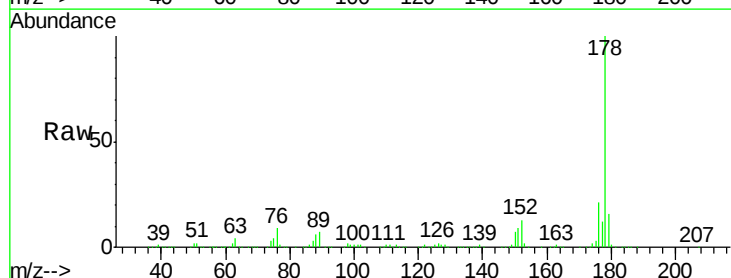


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

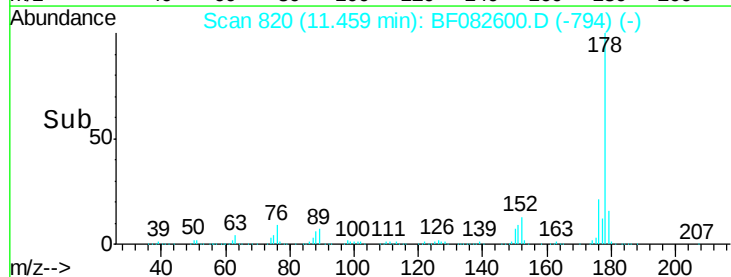
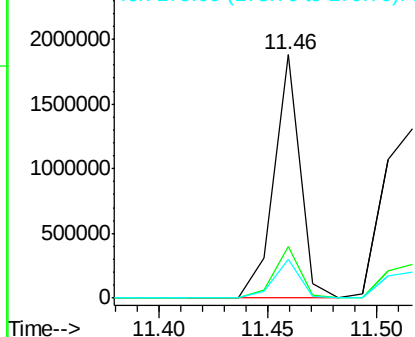


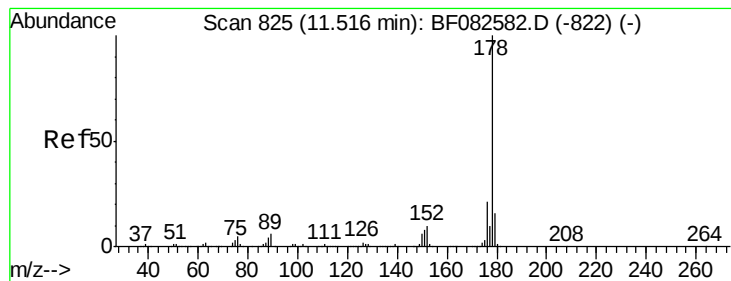
#70
 Phenanthrene
 Concen: 38.34 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion: 178 Resp: 1581593
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.0 25.4
 179 16.1 13.4 20.0



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: 39.93 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

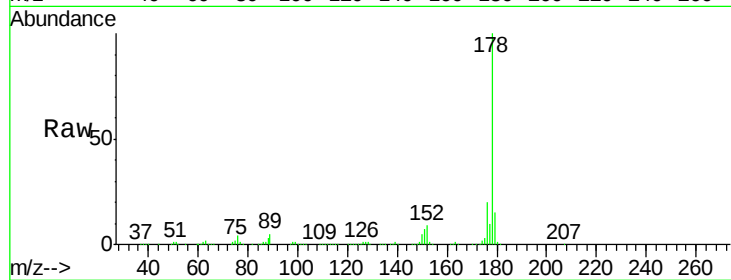
Tgt Ion:178 Resp: 1658842

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

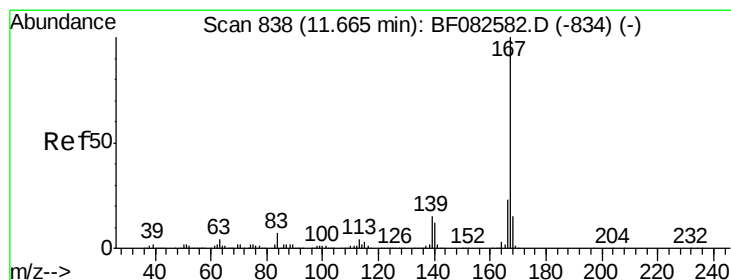
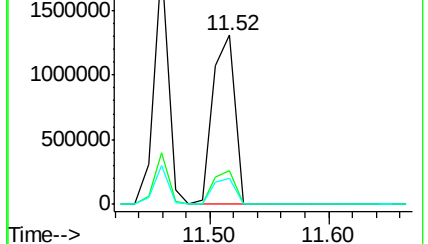
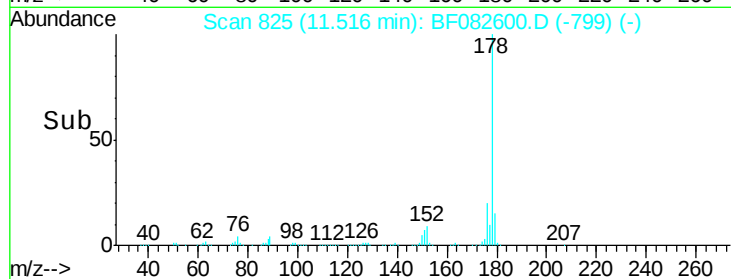
179 15.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.14 ng

RT: 11.67 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

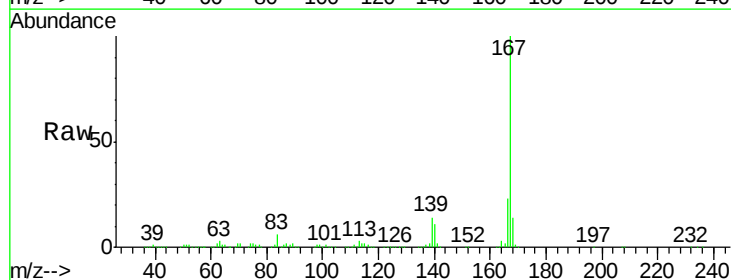
Tgt Ion:167 Resp: 1561019

Ion Ratio Lower Upper

167 100

166 23.1 18.7 28.1

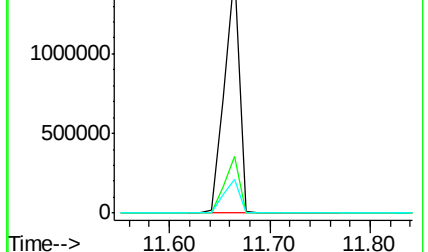
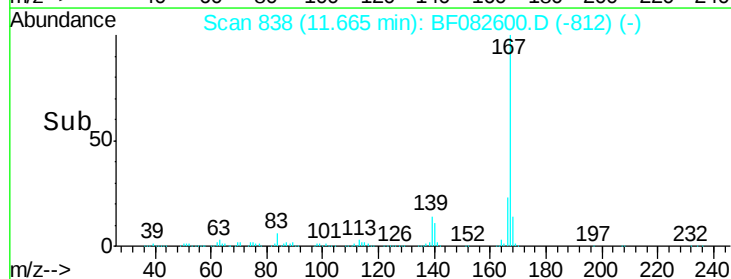
139 13.9 11.8 17.6

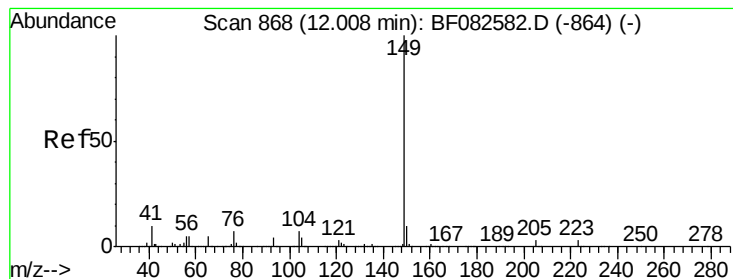


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.62 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

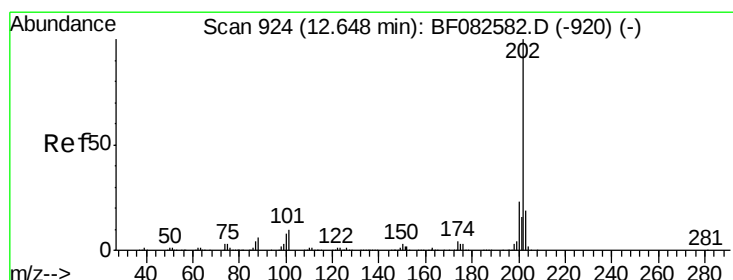
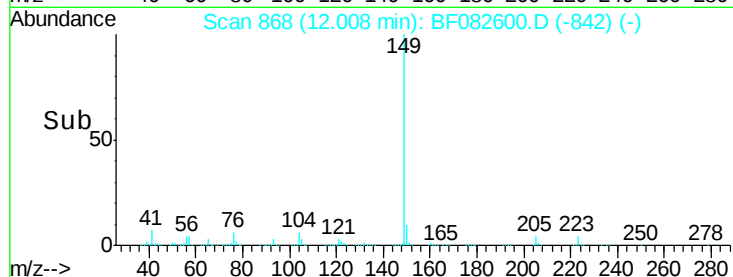
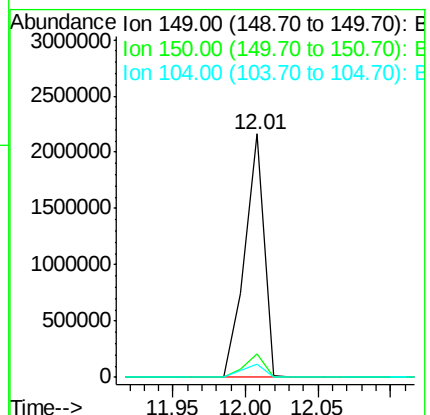
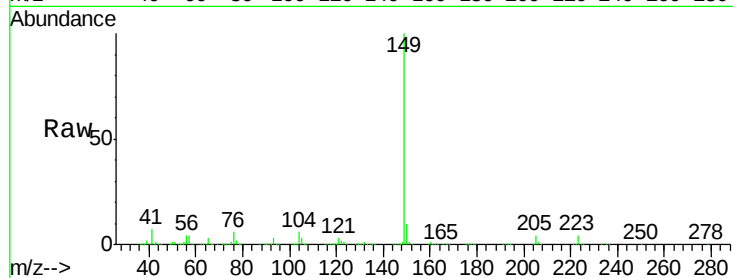
Tgt Ion:149 Resp: 2009125

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 5.6 5.2 7.8



#74

Fluoranthene

Concen: 39.71 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

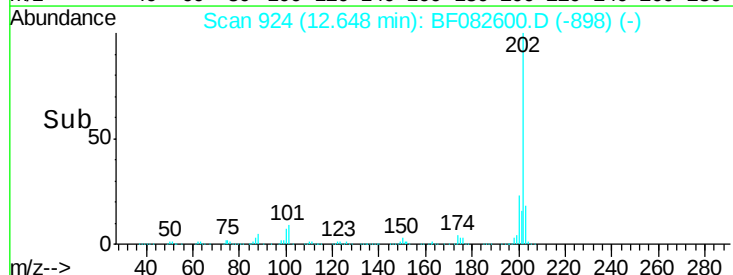
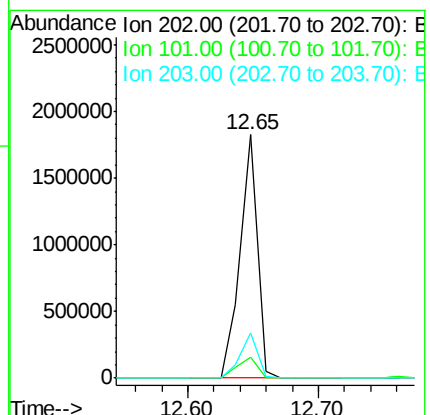
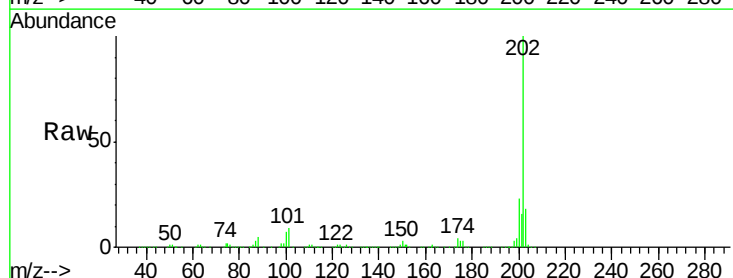
Tgt Ion:202 Resp: 1674860

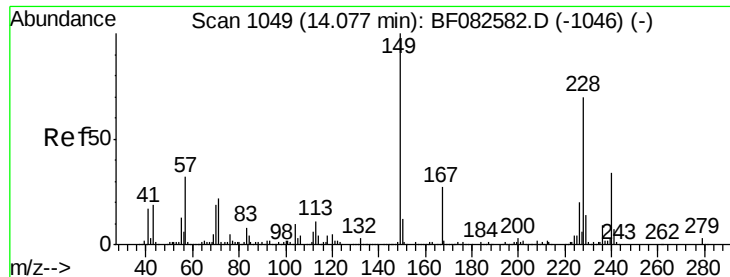
Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.5

203 18.5 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

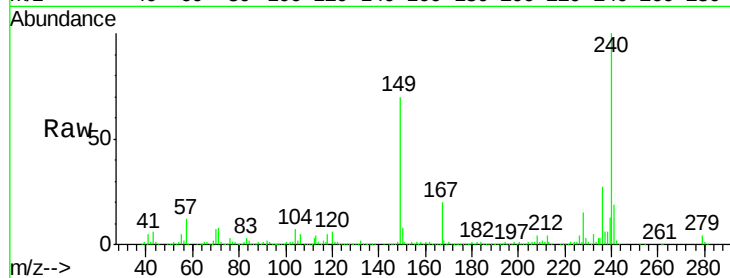
Tgt Ion:240 Resp: 544493

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

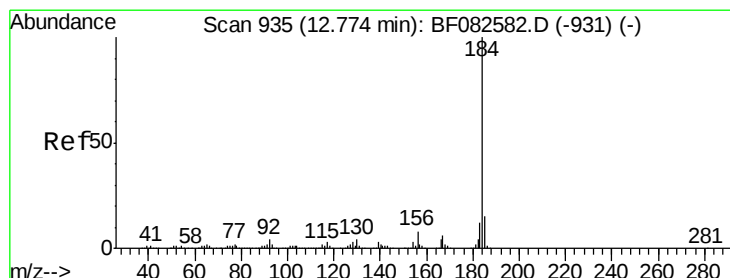
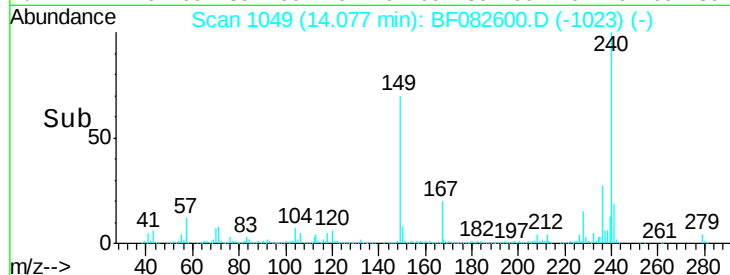
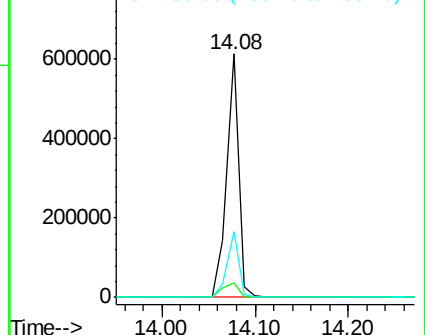
236 27.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.72 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

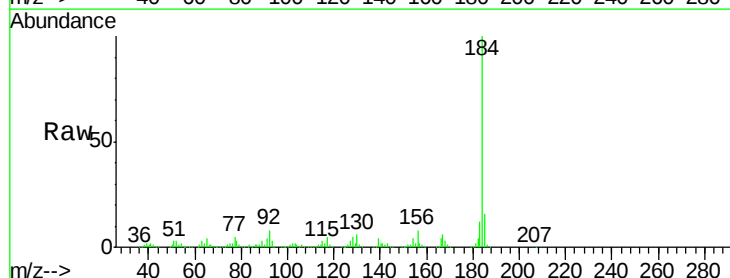
Tgt Ion:184 Resp: 852664

Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

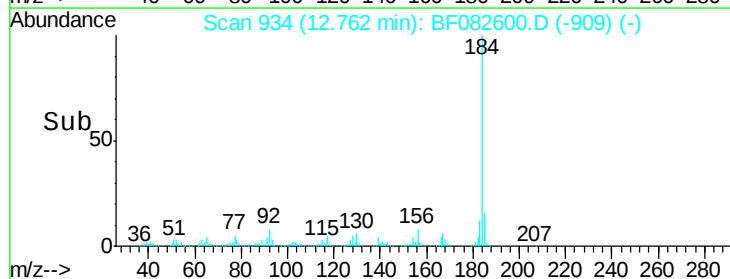
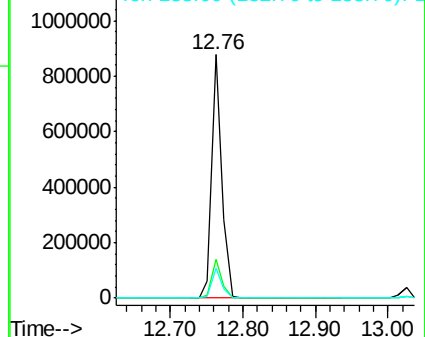
183 12.2 9.6 14.4

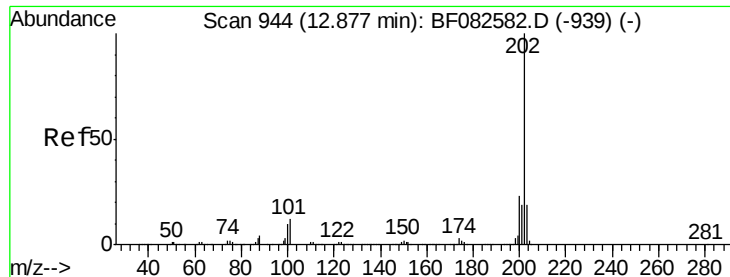


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.11 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

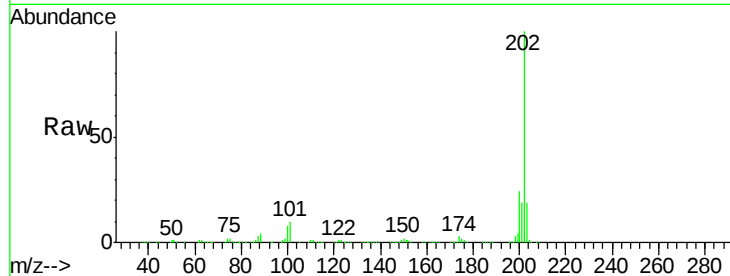
Tgt Ion:202 Resp: 1697957

Ion Ratio Lower Upper

202 100

200 23.6 18.7 28.1

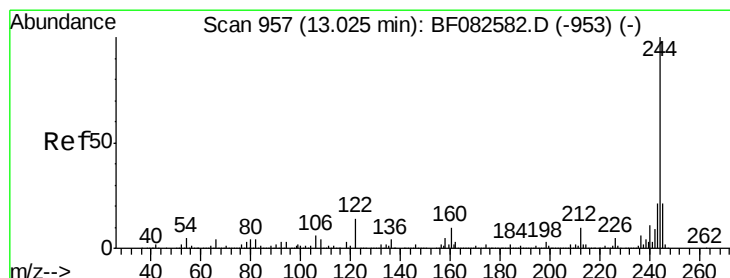
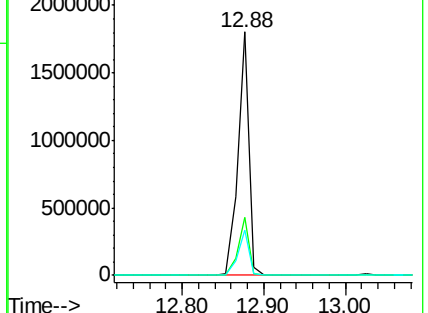
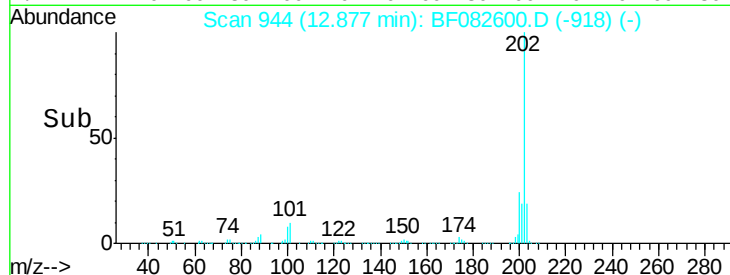
203 18.7 14.8 22.2



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: 79.25 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

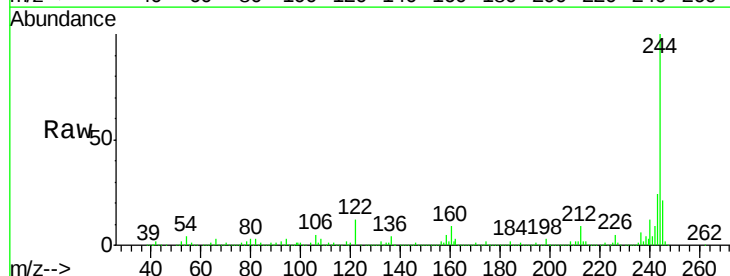
Tgt Ion:244 Resp: 1971672

Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

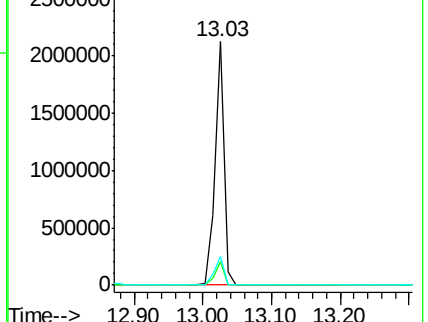
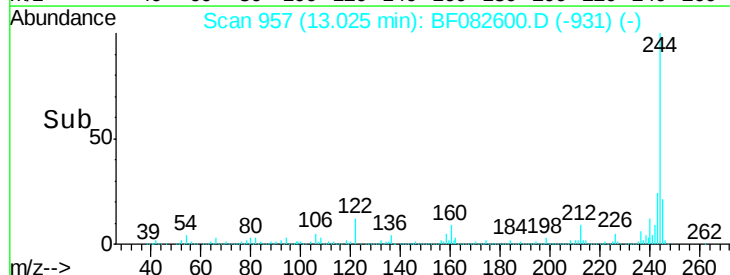
122 11.9 11.3 16.9

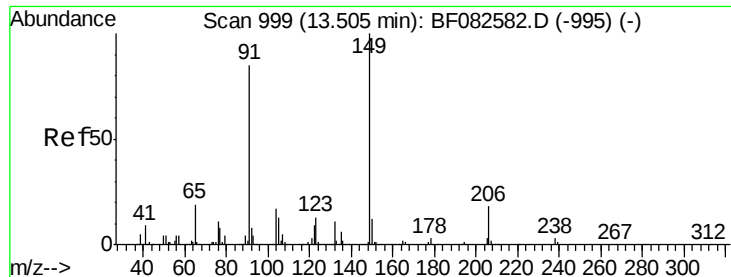


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

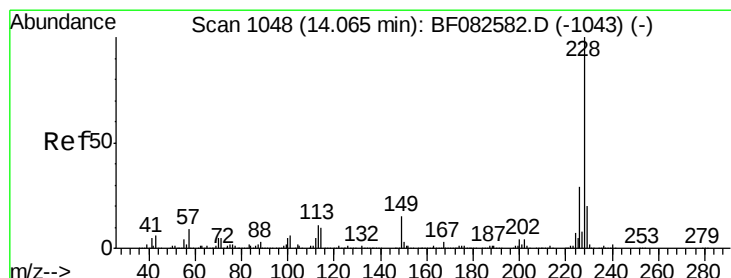
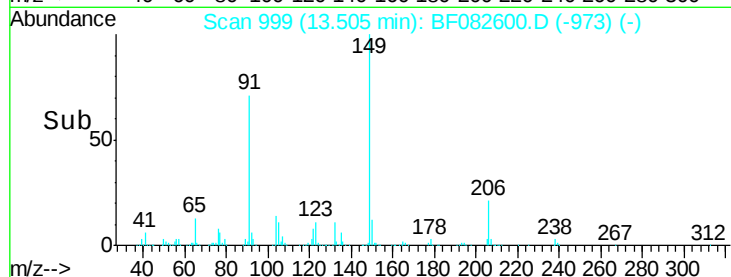
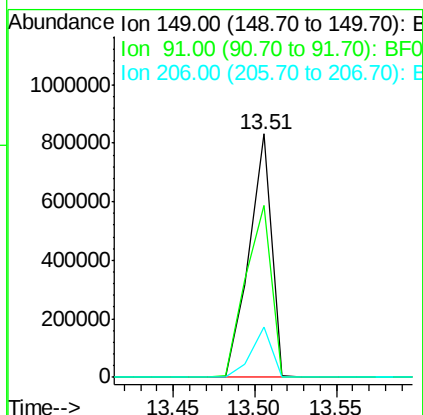
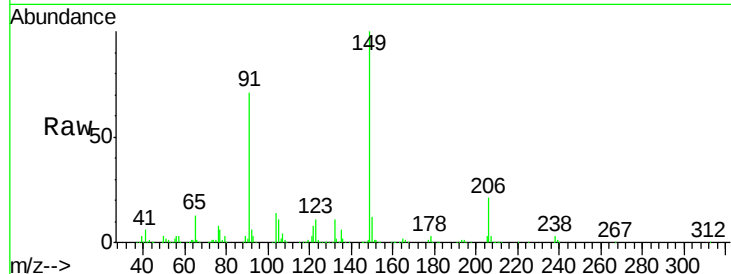




#79
Butylbenzylphthalate
Concen: 44.96 ng
RT: 13.51 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

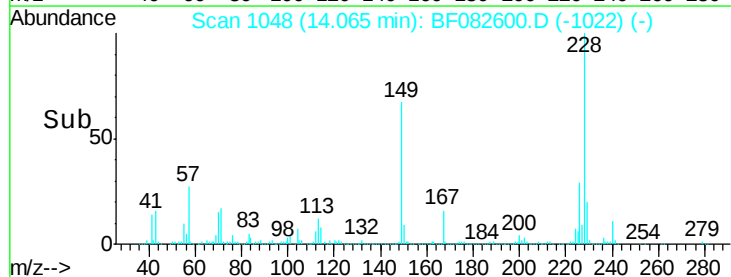
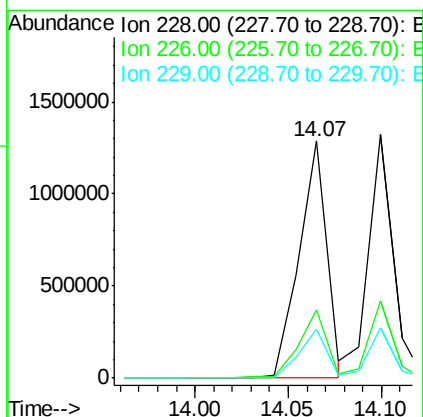
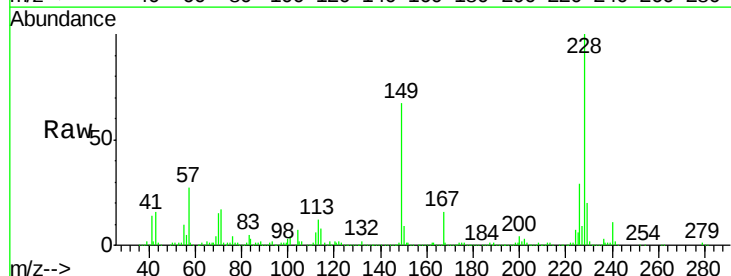
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

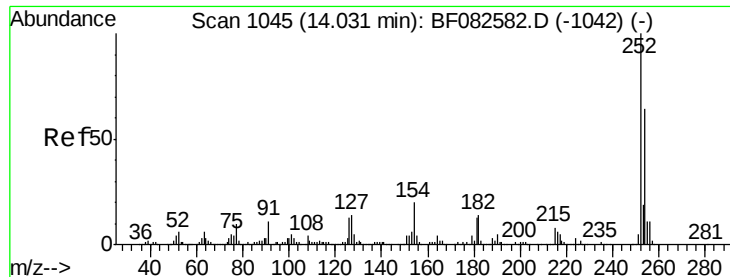
Tgt Ion:149 Resp: 793907
Ion Ratio Lower Upper
149 100
91 70.6 67.7 101.5
206 20.8 14.6 22.0



#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion:228 Resp: 1347273
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 20.5 16.3 24.5

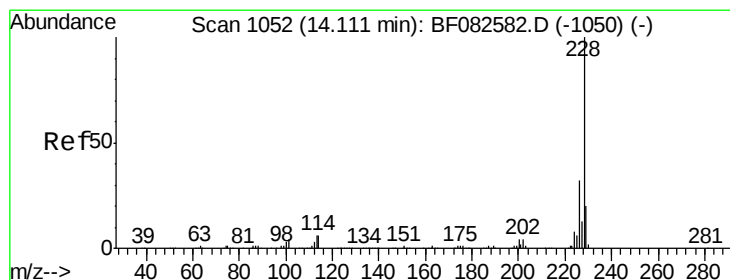
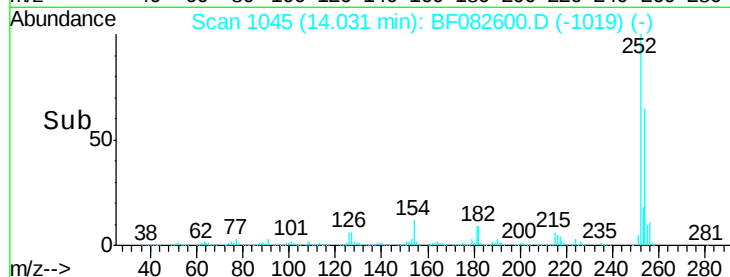
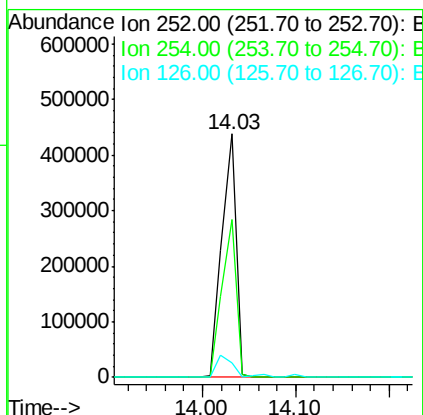
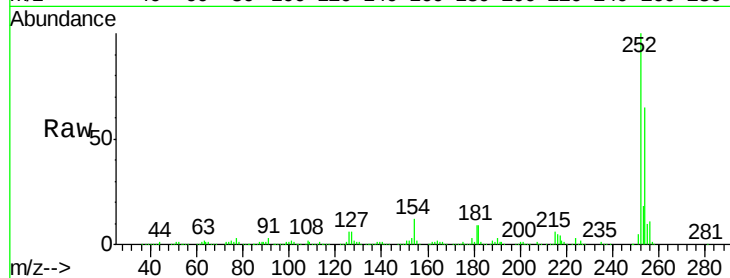




#81
 3,3'-Dichlorobenzidine
 Concen: 39.19 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

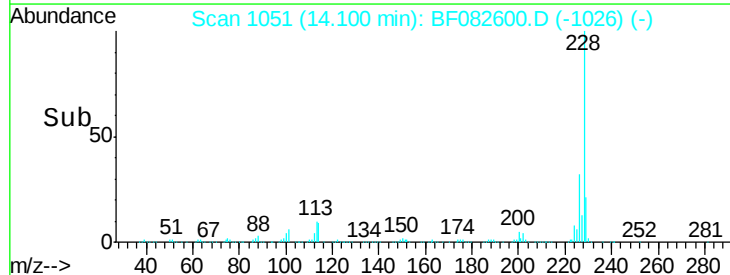
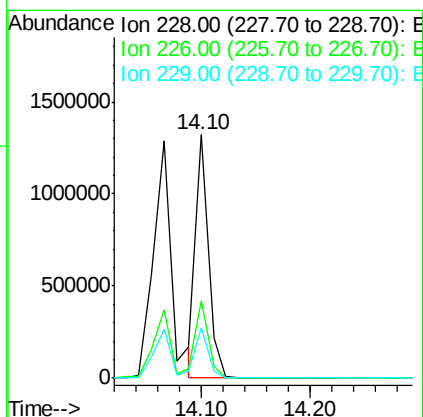
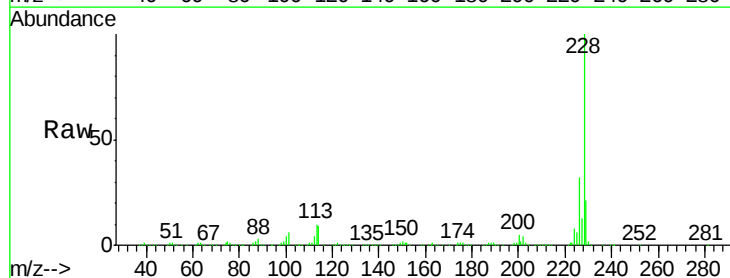
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

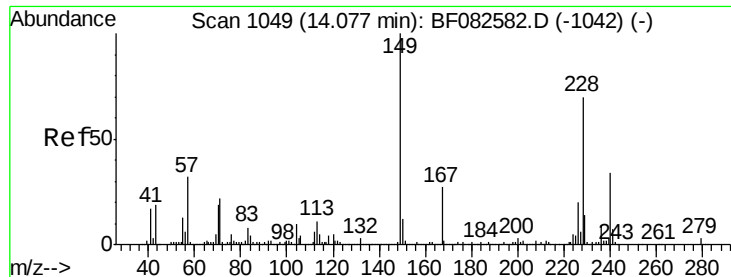
Tgt Ion:252 Resp: 467104
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.0
 126 5.8 10.7 16.1#



#82
 Chrysene
 Concen: 34.17 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:228 Resp: 1071334
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.7 16.3 24.5

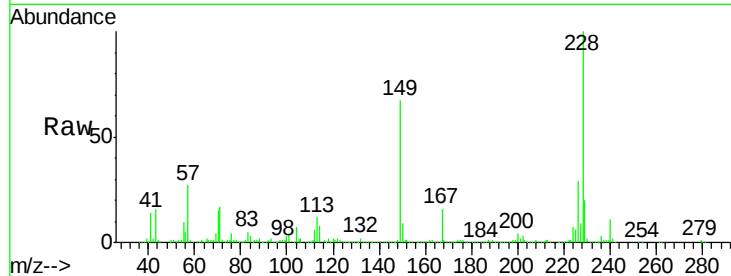




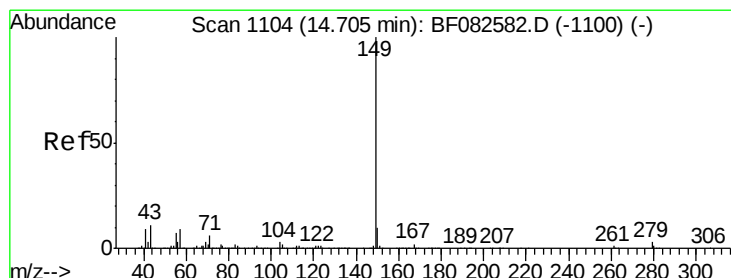
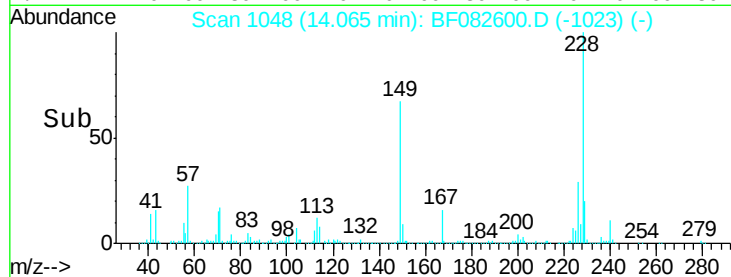
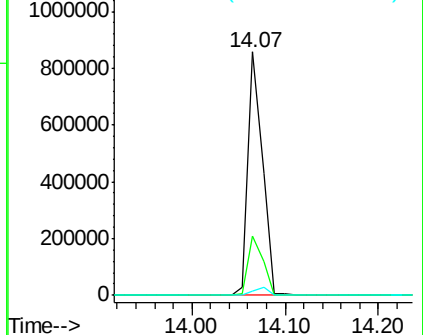
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.98 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 915265
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.2 31.8
 279 2.0 2.2 3.2#

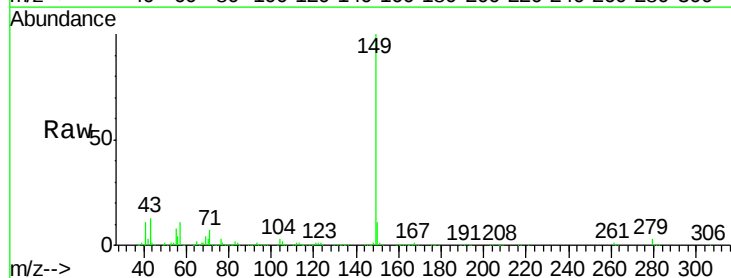


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

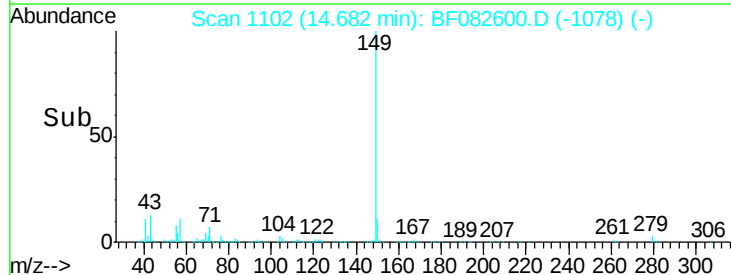
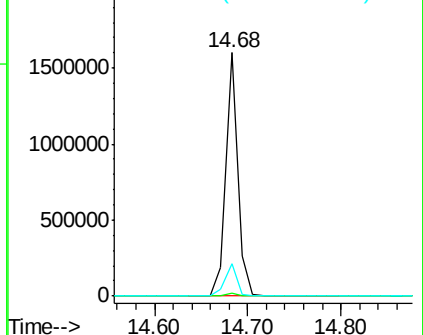


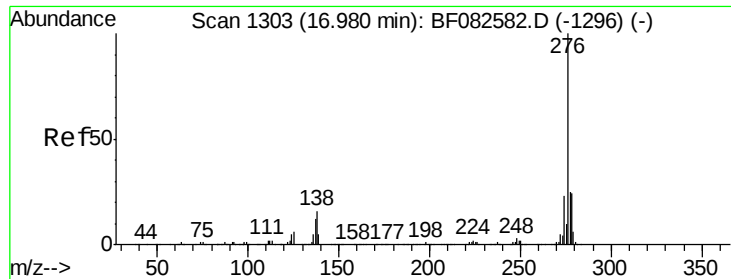
#84
 Di-n-octyl phthalate
 Concen: 39.74 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion:149 Resp: 1419255
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 13.2 10.1 15.1



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

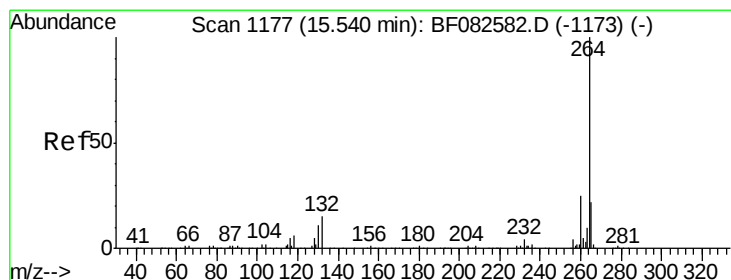
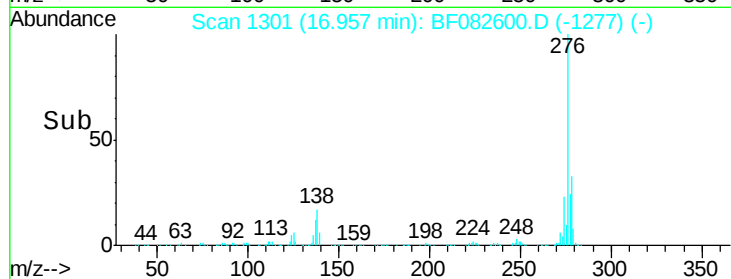
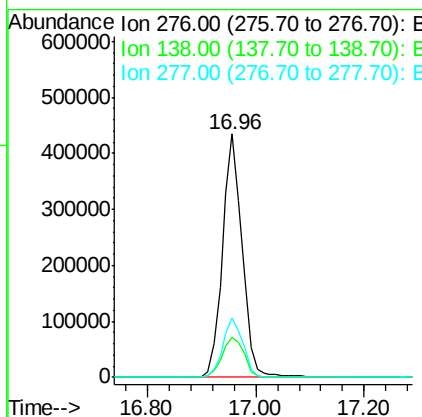
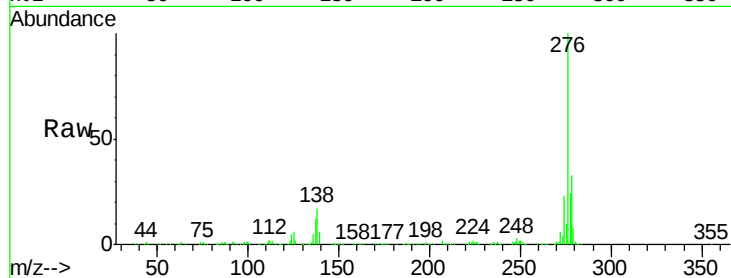




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.29 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

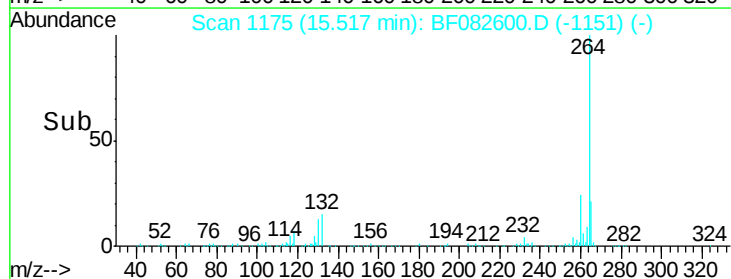
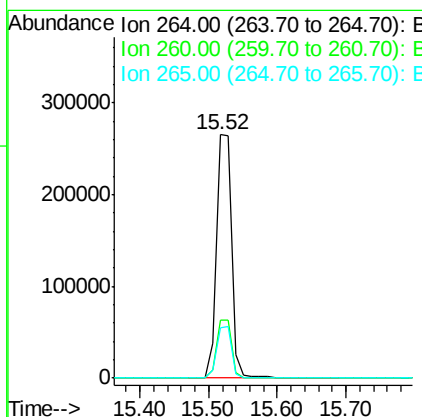
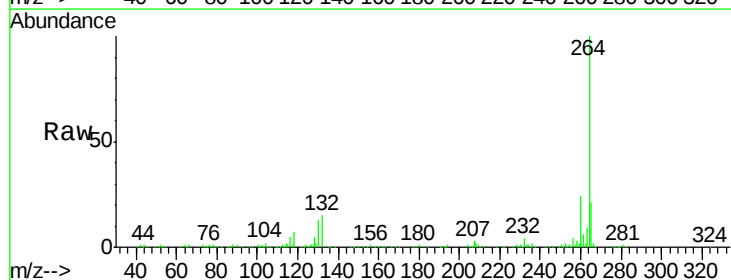
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

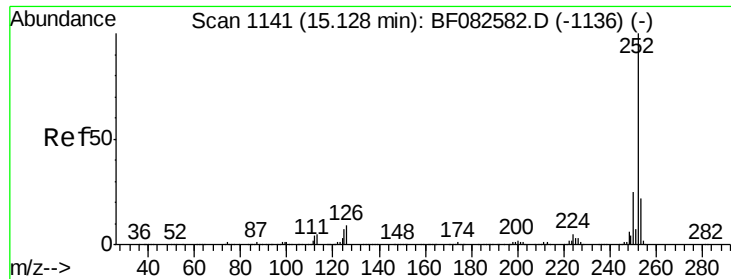
Tgt Ion: 276 Resp: 1094069
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.3 22.9
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF082600.D
 Acq: 31 Oct 2015 4:55

Tgt Ion: 264 Resp: 415276
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 20.8 17.4 26.0

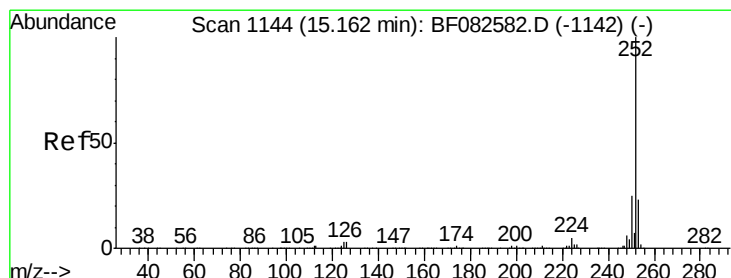
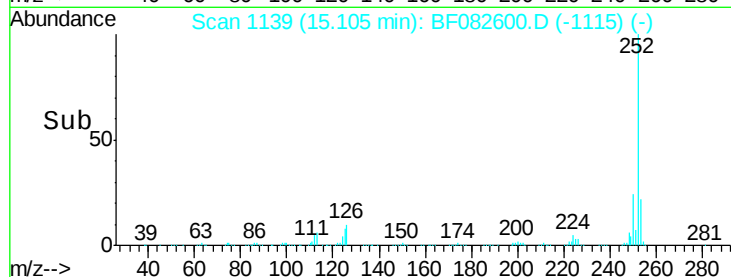
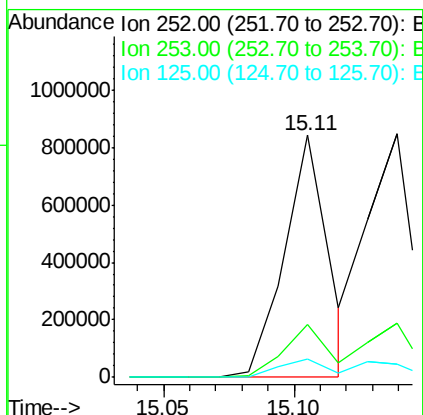
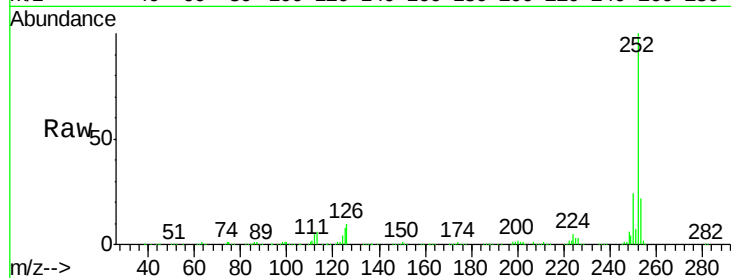




#87
Benzo(b)fluoranthene
Concen: 34.05 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

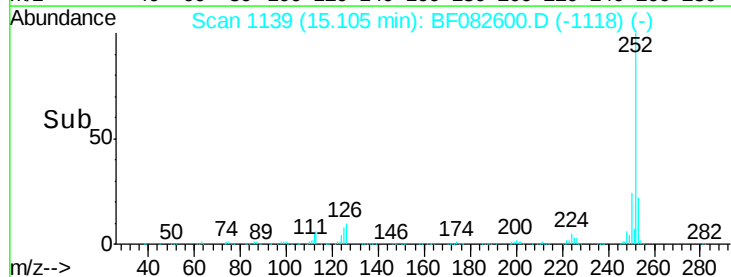
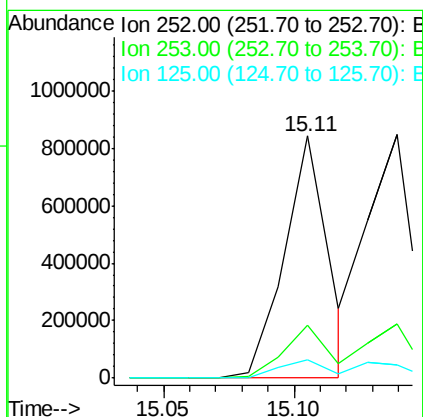
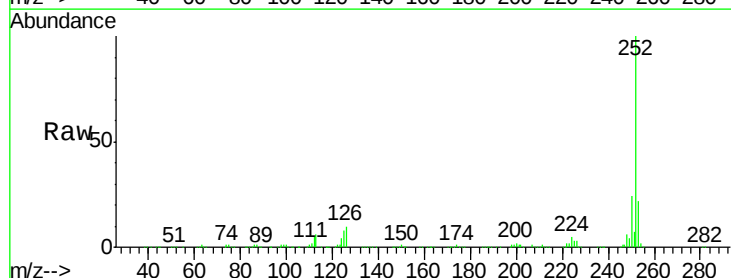
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

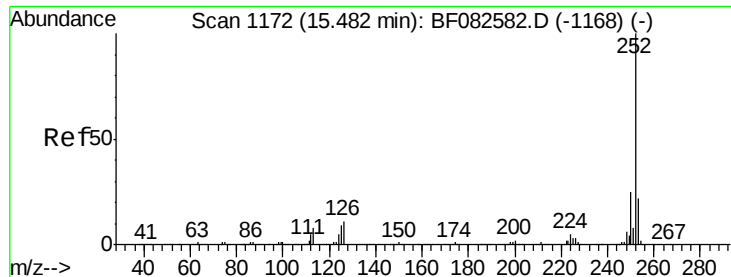
Tgt Ion: 252 Resp: 974895
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 7.6 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 44.69 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion: 252 Resp: 974895
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.6 3.5 5.3#

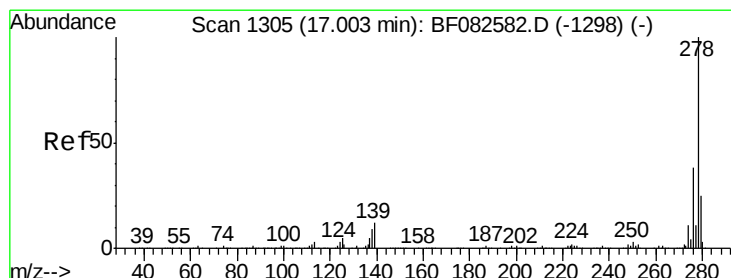
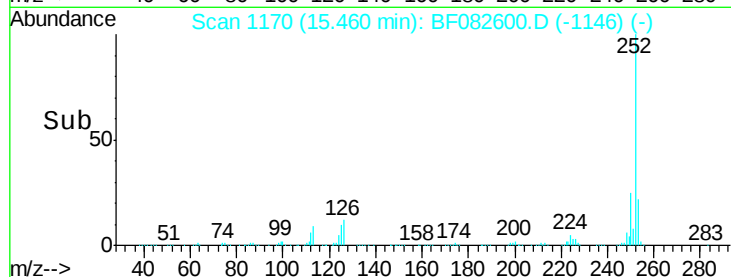
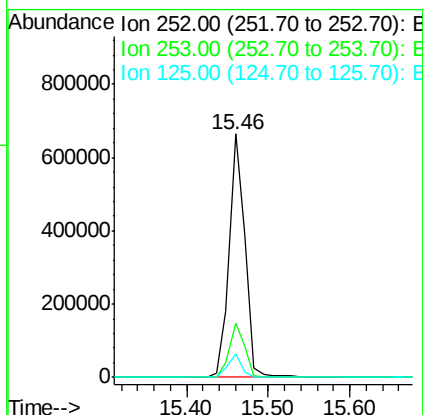
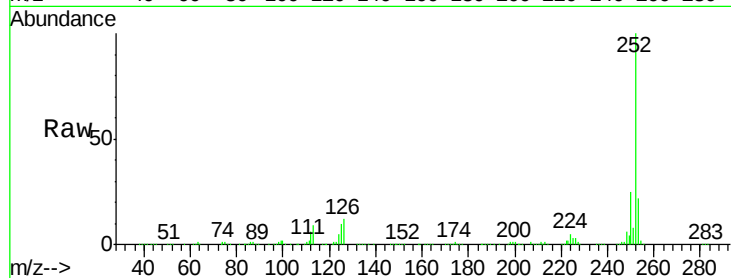




#89
Benzo(a)pyrene
Concen: 39.49 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

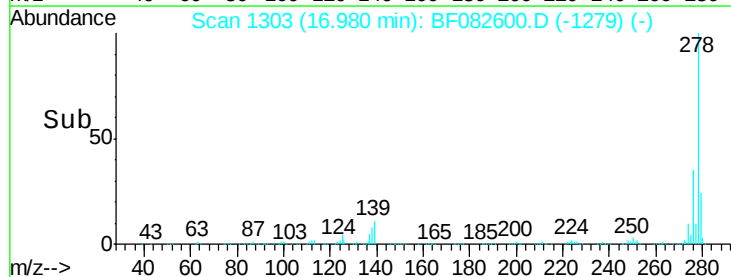
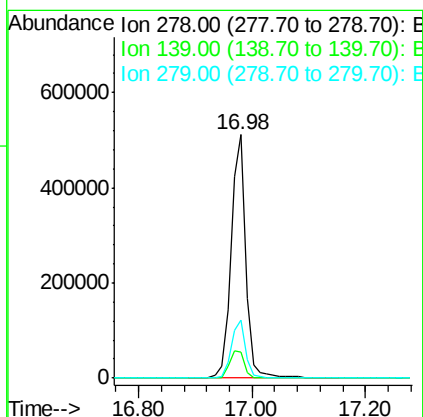
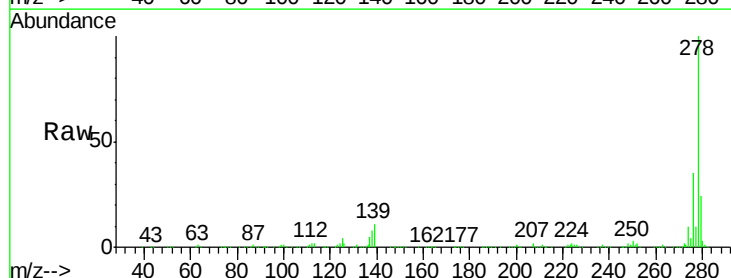
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

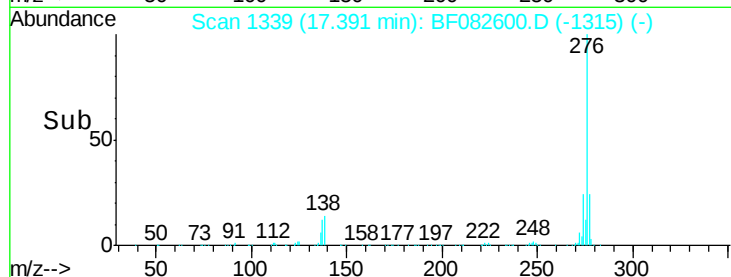
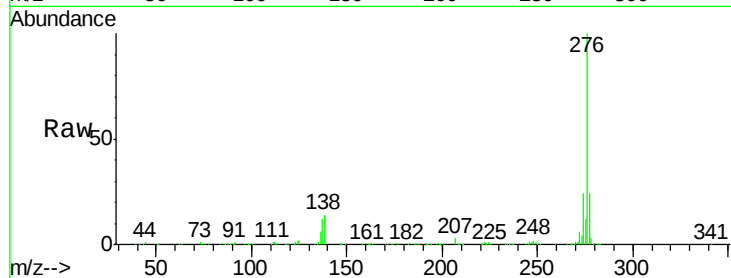
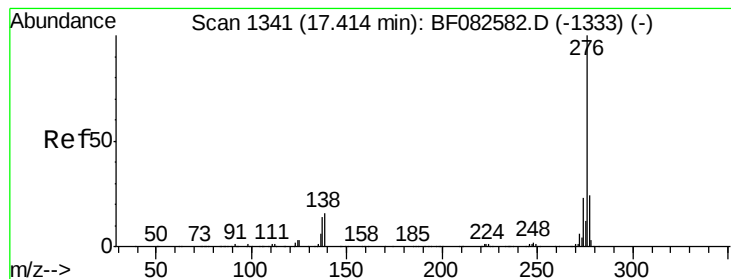
Tgt Ion: 252 Resp: 890555
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.6 7.1 10.7



#90
Dibenzo(a,h)anthracene
Concen: 44.11 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF082600.D
Acq: 31 Oct 2015 4:55

Tgt Ion: 278 Resp: 928265
Ion Ratio Lower Upper
278 100
139 10.9 9.9 14.9
279 24.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 44.71 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082600.D

Acq: 31 Oct 2015 4:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 911770

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 14.2 13.1 19.7

