

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082810.D
 Acq On : 7 Nov 2015 15:00
 Operator : UM/IZ
 Sample : G4246-02MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Quant Time: Nov 09 00:02:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190481	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	936505	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	406240	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	671538	20.00	ng	0.00
75) Chrysene-d12	14.02	240	474392	20.00	ng	0.00
86) Perylene-d12	15.44	264	400883	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1364942	111.49	ng	0.02
7) Phenol-d6	6.50	99	1982013	121.78	ng	0.02
23) Nitrobenzene-d5	7.42	82	1347093	62.59	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	423227	90.86	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1851677	65.33	ng	0.00
78) Terphenyl-d14	12.97	244	1381287	69.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	224056	42.42	ng	97
3) Pyridine	3.23	79	556325	36.30	ng	97
4) n-Nitrosodimethylamine	3.17	42	330199	43.43	ng	# 80
6) Aniline	6.52	93	373503	16.35	ng	# 50
8) 2-Chlorophenol	6.65	128	570600	42.05	ng	98
9) Benzaldehyde	6.40	77	194822	21.67	ng	82
10) Phenol	6.51	94	599762	32.48	ng	# 78
11) bis(2-Chloroethyl)ether	6.59	93	564448	40.87	ng	92
12) 1,3-Dichlorobenzene	7.02	146	527972	34.49	ng	93
13) 1,4-Dichlorobenzene	6.80	146	595744	37.41	ng	95
14) 1,2-Dichlorobenzene	7.02	146	527881	36.45	ng	96
15) Benzyl Alcohol	7.00	79	552776	38.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	811247	40.05	ng	95
17) 2-Methylphenol	7.13	107	452827	39.39	ng	96
18) Hexachloroethane	7.37	117	188507	33.10	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	409546	34.23	ng	90
20) 3+4-Methylphenols	7.28	107	587377	39.30	ng	# 69
22) Acetophenone	7.26	105	783350	29.19	ng	# 95
24) Nitrobenzene	7.44	77	602387	27.37	ng	89
25) Isophorone	7.68	82	1160203	29.13	ng	98
26) 2-Nitrophenol	7.76	139	273319	29.75	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	450962	27.32	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	692617	30.83	ng	99
29) 2,4-Dichlorophenol	8.01	162	480948	32.24	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	620452	36.98	ng	96
31) Naphthalene	8.17	128	1944710	37.64	ng	99
32) Benzoic acid	7.89	122	99779	8.83	ng	93
33) 4-Chloroaniline	8.21	127	220240	9.89	ng	# 83
34) Hexachlorobutadiene	8.29	225	349663	33.30	ng	97
35) Caprolactam	8.58	113	190916	40.59	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	594350	33.88	ng	90
37) 2-Methylnaphthalene	8.85	142	1112113	33.27	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	561374	42.05	ng	97
40) Hexachlorocyclopentadiene	9.01	237	175994	24.54	ng	97

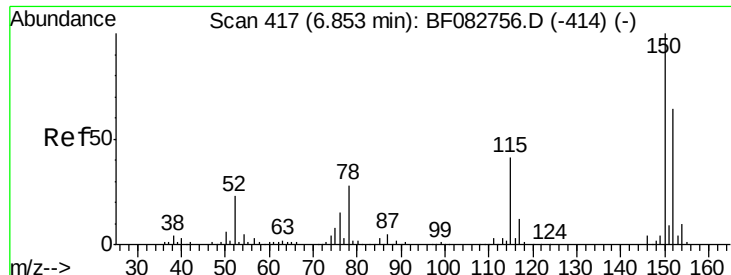
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082810.D
 Acq On : 7 Nov 2015 15:00
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	426509	42.80	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	426509	43.28	ng	# 89
45) 1,1'-Biphenyl	9.32	154	1441289	41.35	ng	98
46) 2-Chloronaphthalene	9.34	162	1134077	41.71	ng	99
47) 2-Nitroaniline	9.44	65	418685	41.51	ng	# 79
48) Acenaphthylene	9.76	152	1611963	37.83	ng	100
49) Dimethylphthalate	9.63	163	2019783	60.68	ng	# 97
50) 2,6-Dinitrotoluene	9.68	165	264911	37.30	ng	92
51) Acenaphthene	9.93	154	925555	34.27	ng	99
52) 3-Nitroaniline	9.85	138	212304	27.18	ng	# 69
53) 2,4-Dinitrophenol	9.95	184	47931	12.29	ng	# 8
54) Dibenzofuran	10.10	168	1382473	37.97	ng	94
55) 4-Nitrophenol	10.02	139	447018	74.60	ng	85
56) 2,4-Dinitrotoluene	10.08	165	352047	36.54	ng	94
57) Fluorene	10.44	166	988298	33.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	311326	38.70	ng	# 87
59) Diethylphthalate	10.33	149	1257800	38.70	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	523681	35.49	ng	92
61) 4-Nitroaniline	10.45	138	225355	28.69	ng	# 78
62) Azobenzene	10.59	77	1319825	37.81	ng	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	60903	12.73	ng	93
65) n-Nitrosodiphenylamine	10.56	169	991270	40.86	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	300444	37.16	ng	# 71
67) Hexachlorobenzene	10.99	284	316965	35.11	ng	# 89
68) Atrazine	11.08	200	274272	36.56	ng	96
69) Pentachlorophenol	11.18	266	337376	61.53	ng	99
70) Phenanthrene	11.40	178	1448742	37.15	ng	100
71) Anthracene	11.46	178	1491048	36.30	ng	97
72) Carbazole	11.61	167	1303269	36.24	ng	98
73) Di-n-butylphthalate	11.95	149	1663477	37.13	ng	# 97
74) Fluoranthene	12.59	202	1505922	35.99	ng	99
76) Benzidine	12.71	184	516396	32.48	ng	99
77) Pyrene	12.82	202	1494925	45.89	ng	98
79) Butylbenzylphthalate	13.44	149	594068	41.28	ng	94
80) Benzo(a)anthracene	14.01	228	1218129	41.06	ng	97
81) 3,3'-Dichlorobenzidine	13.96	252	372106	35.28	ng	98
82) Chrysene	14.04	228	1172429	43.15	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	785716	39.89	ng	99
84) Di-n-octyl phthalate	14.61	149	1171826	35.66	ng	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	756202	32.32	ng	99
87) Benzo(b)fluoranthene	15.04	252	1902527	73.94	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	1902527	83.35	ng	# 97
89) Benzo(a)pyrene	15.39	252	918724	41.21	ng	# 98
90) Dibenzo(a,h)anthracene	16.85	278	640462	33.93	ng	99
91) Benzo(g,h,i)perylene	17.25	276	596335	32.98	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

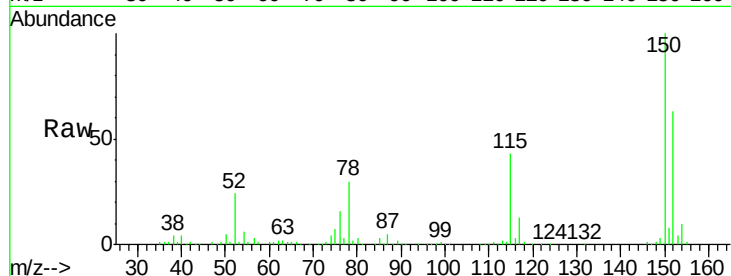
Tgt Ion: 152 Resp: 190481

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

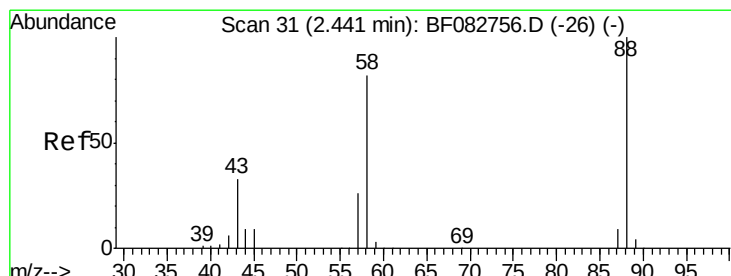
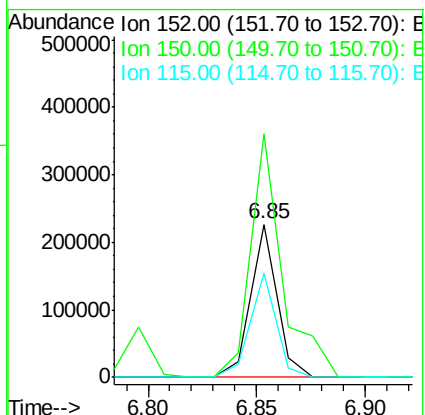
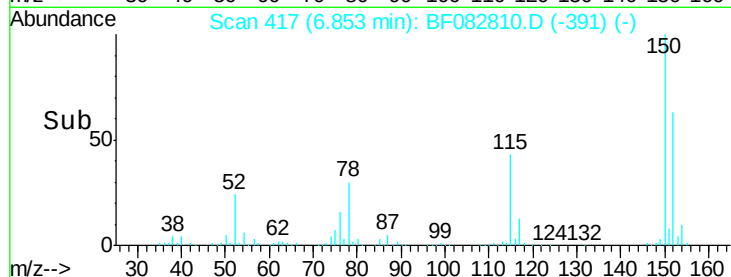
115 68.5 47.0 70.6



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: 42.42 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.07 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

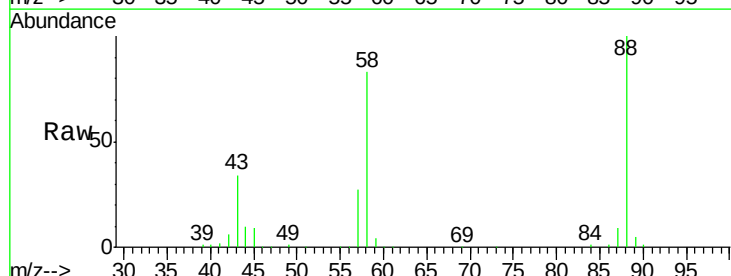
Tgt Ion: 88 Resp: 224056

Ion Ratio Lower Upper

88 100

58 80.4 62.0 93.0

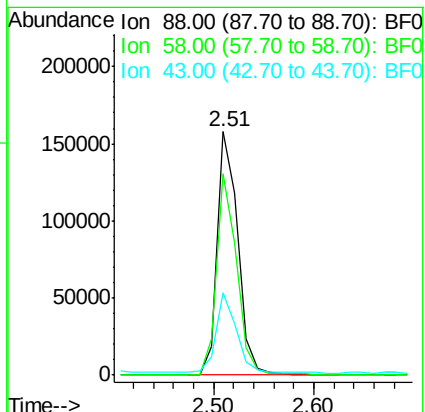
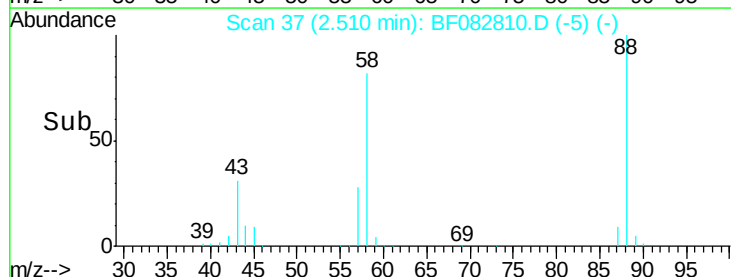
43 32.7 26.6 40.0

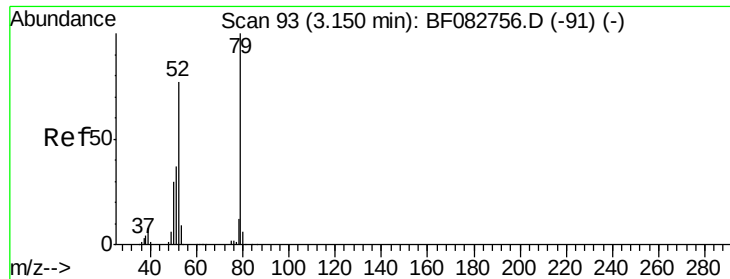


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.30 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

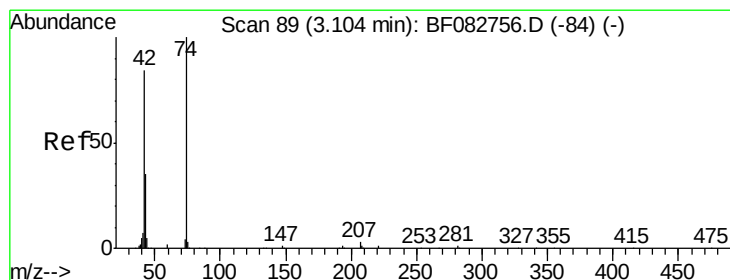
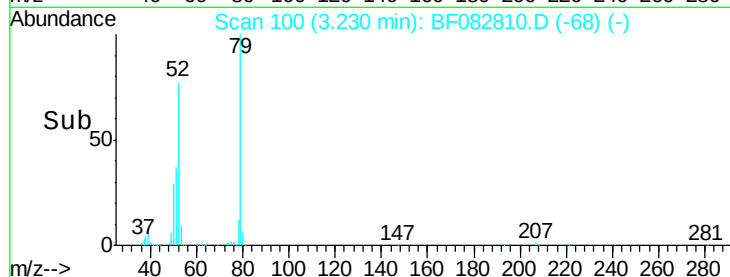
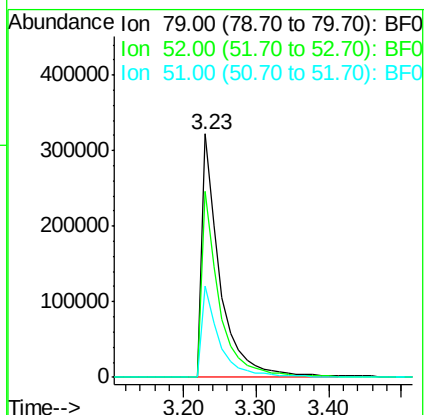
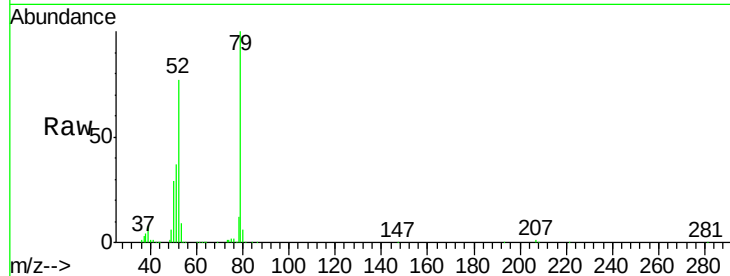
Tgt Ion: 79 Resp: 556325

Ion Ratio Lower Upper

79 100

52 76.6 62.8 94.2

51 37.5 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 43.43 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.08 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

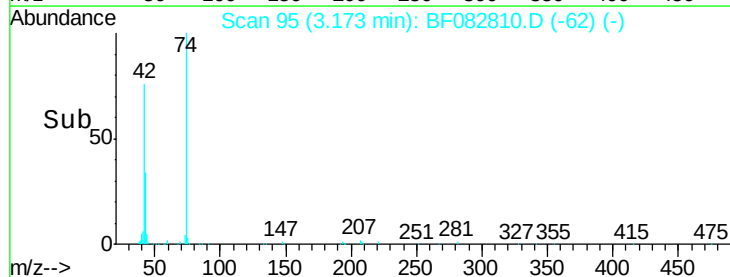
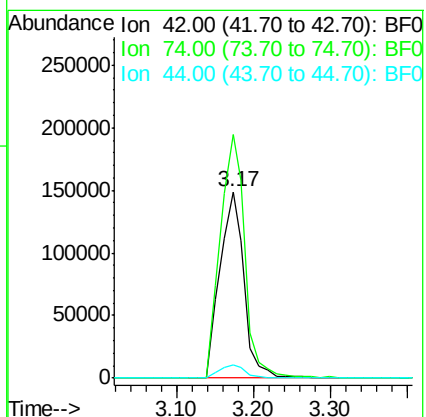
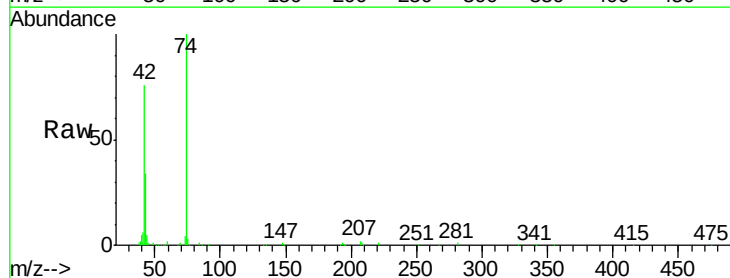
Tgt Ion: 42 Resp: 330199

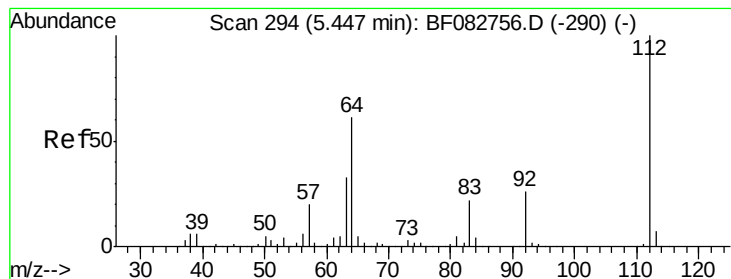
Ion Ratio Lower Upper

42 100

74 130.9 87.0 130.4#

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 111.49 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

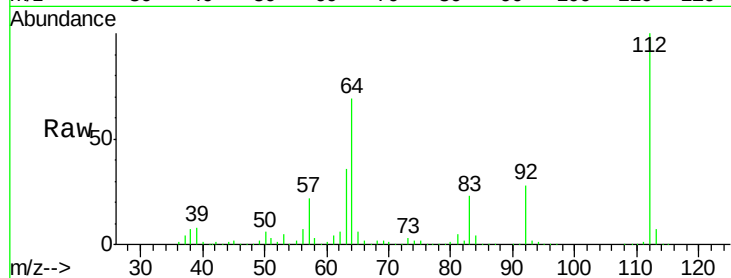
Tgt Ion: 112 Resp: 1364942

Ion Ratio Lower Upper

112 100

64 68.9 48.9 73.3

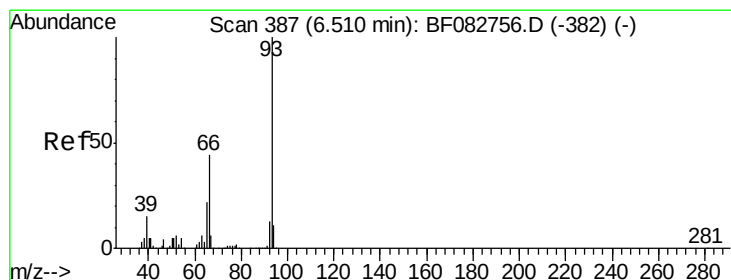
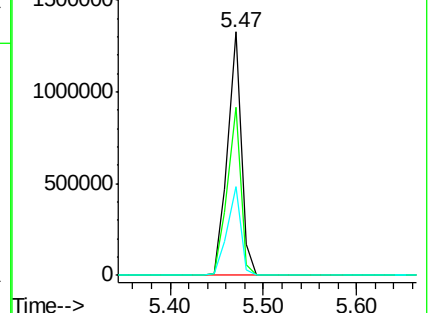
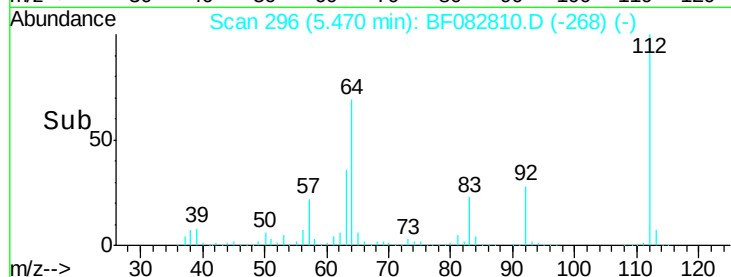
63 36.3 28.1 42.1



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: 16.35 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

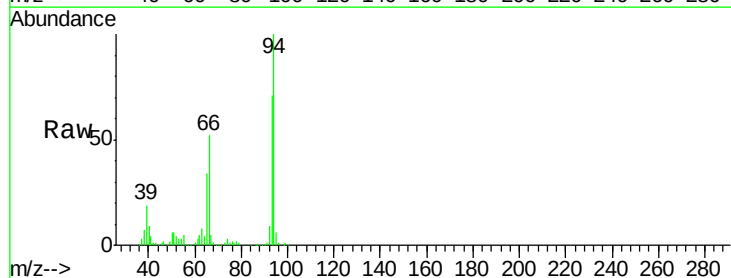
Tgt Ion: 93 Resp: 373503

Ion Ratio Lower Upper

93 100

66 73.0 33.6 50.4#

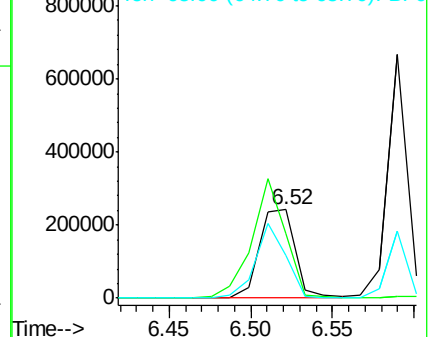
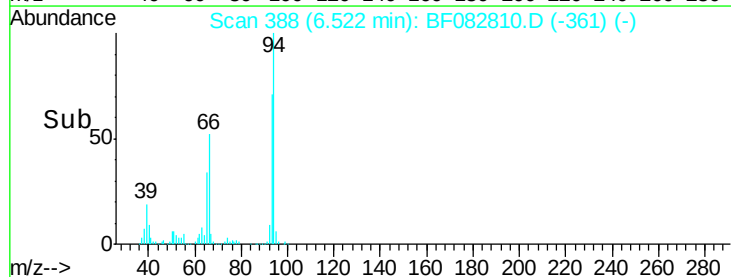
65 47.7 18.1 27.1#

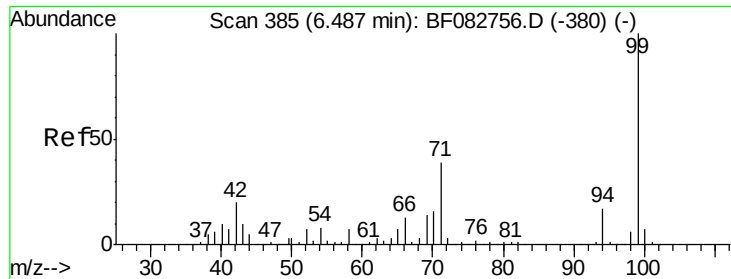


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.78 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

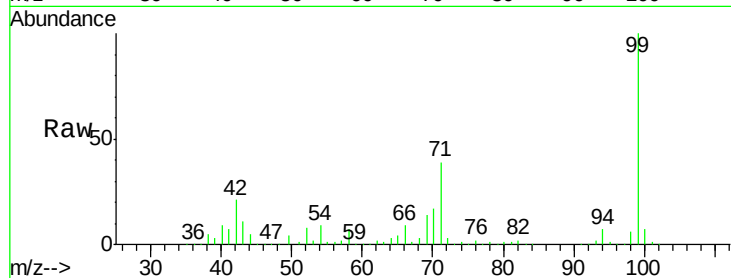
BNA_F

ClientSampleId :

T-14CMS

Tgt Ion: 99 Resp: 1982013

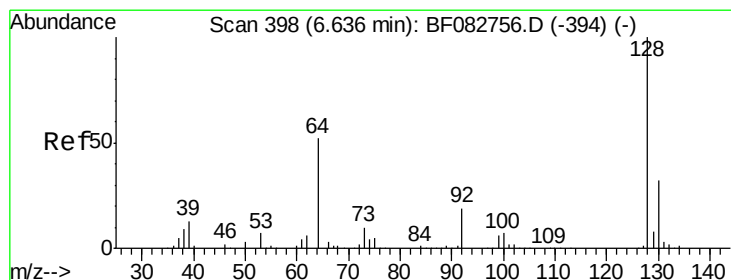
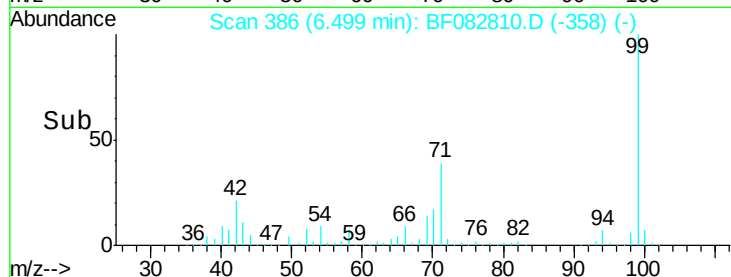
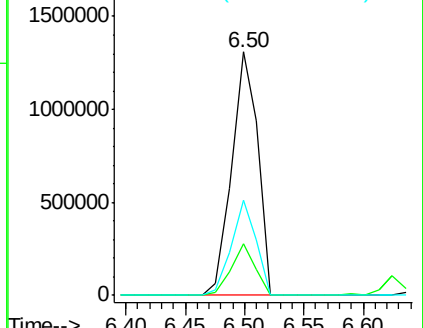
Ion	Ratio	Lower	Upper
99	100		
42	21.2	19.2	28.8
71	39.2	35.0	52.4



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: 42.05 ng

RT: 6.65 min Scan# 399

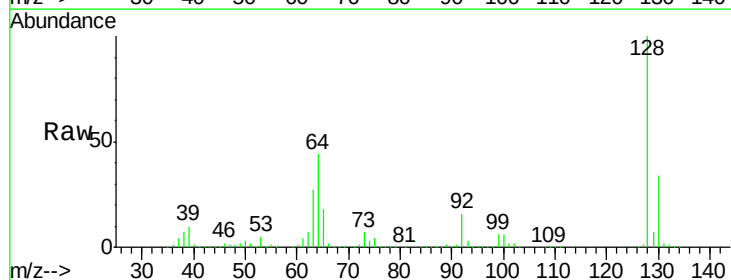
Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion: 128 Resp: 570600

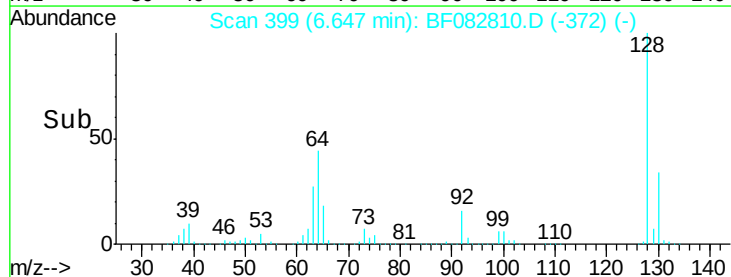
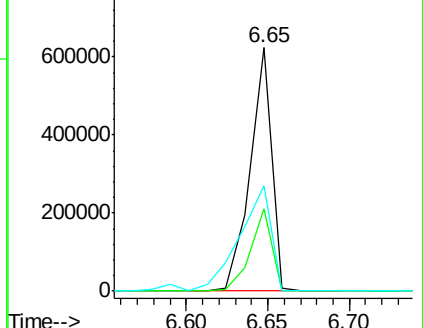
Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.5	53.5
64	43.5	21.1	61.1

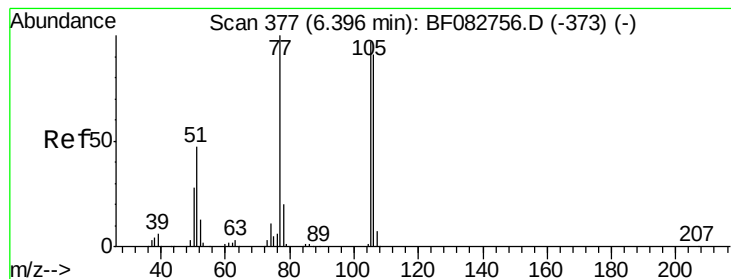


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.67 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

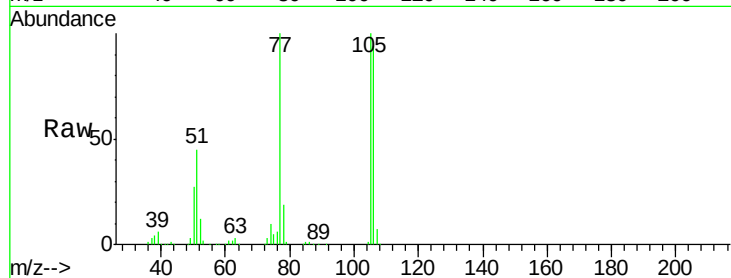
Tgt Ion: 77 Resp: 194822

Ion Ratio Lower Upper

77 100

105 99.9 63.5 103.5

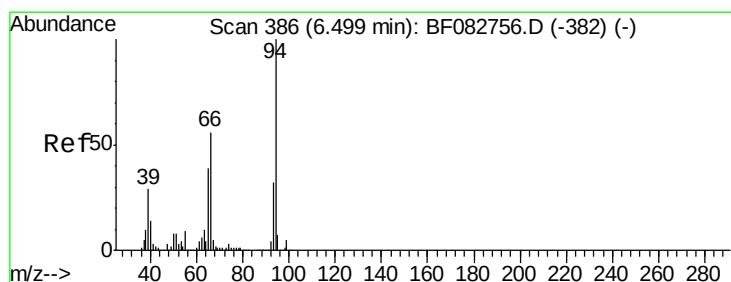
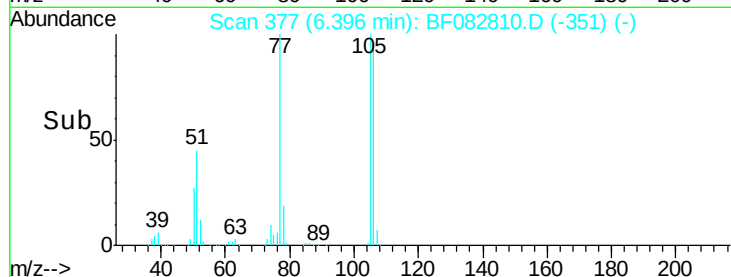
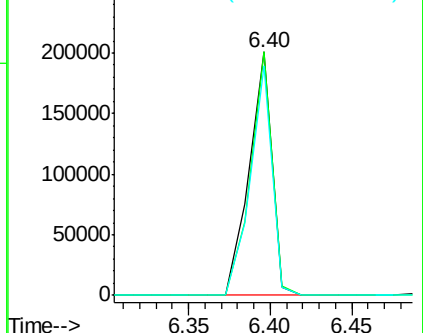
106 94.3 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.48 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

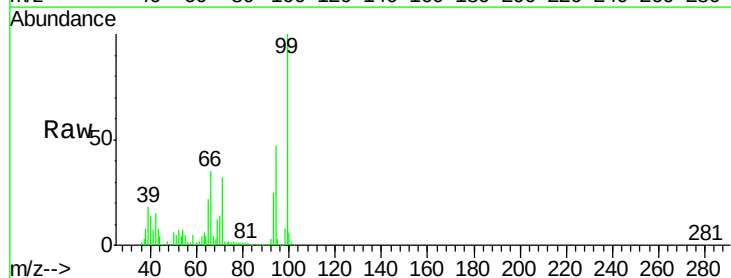
Tgt Ion: 94 Resp: 599762

Ion Ratio Lower Upper

94 100

65 47.2 18.9 58.9

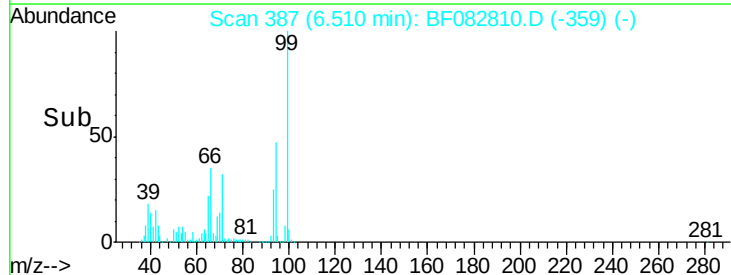
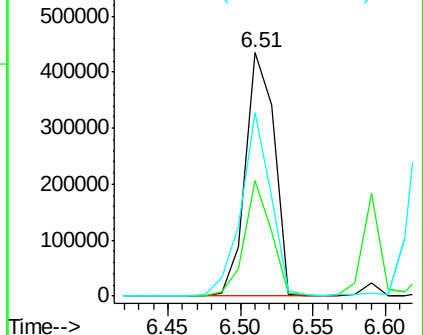
66 75.2 34.9 74.9#

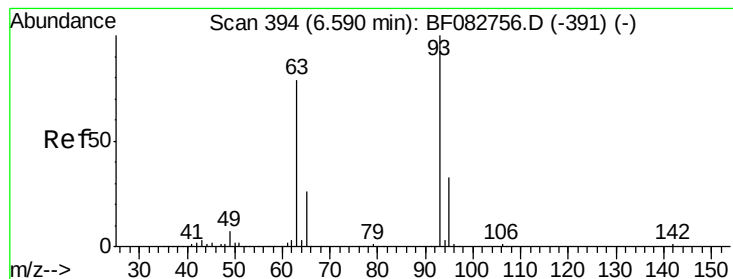


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.87 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

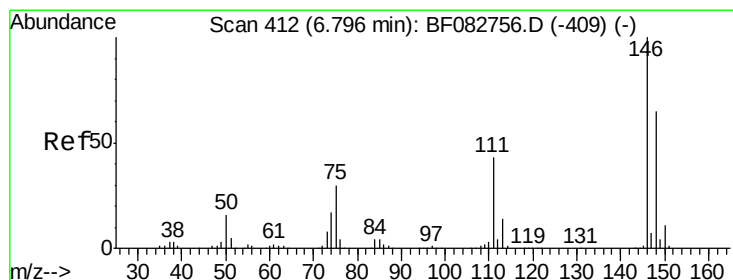
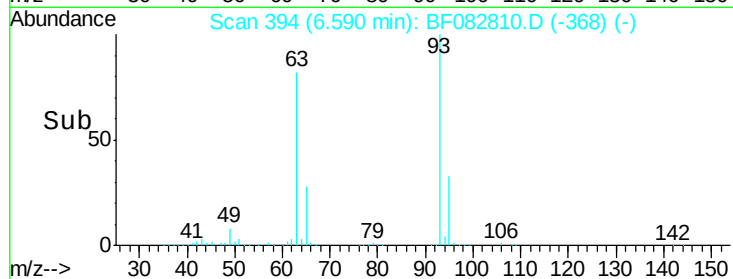
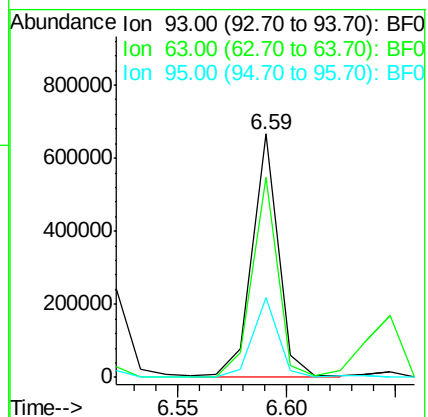
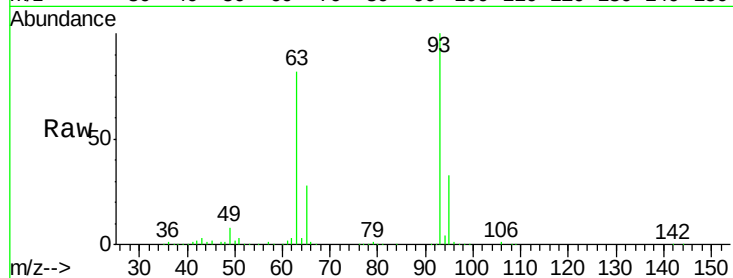
Tgt Ion: 93 Resp: 564448

Ion Ratio Lower Upper

93 100

63 82.4 72.7 112.7

95 32.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 34.49 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.23 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

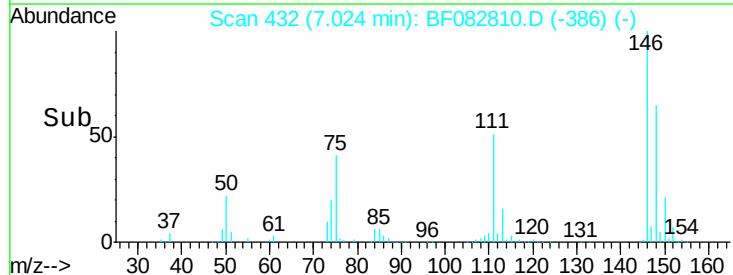
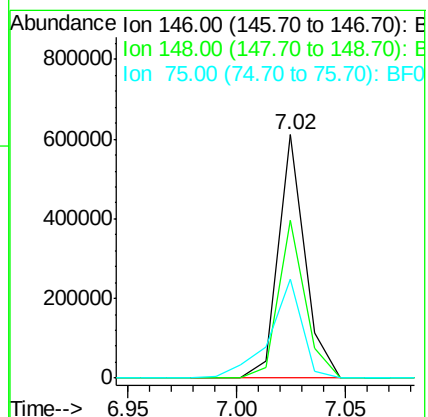
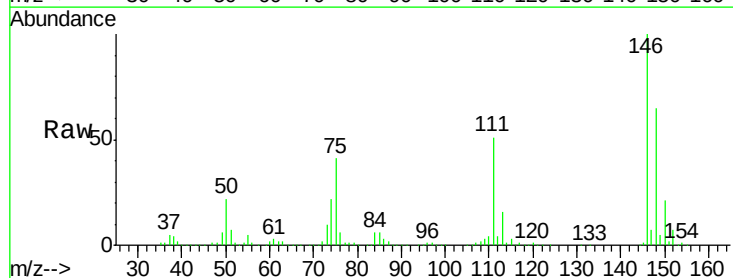
Tgt Ion: 146 Resp: 527972

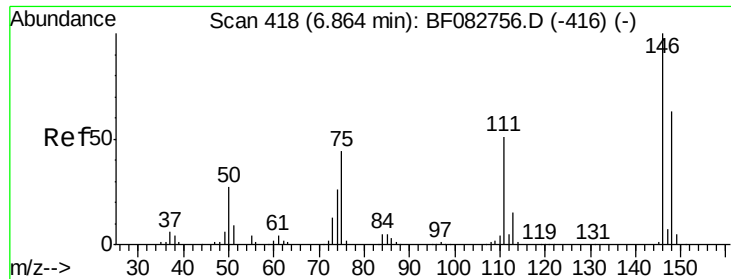
Ion Ratio Lower Upper

146 100

148 64.7 50.5 75.7

75 40.9 39.5 59.3

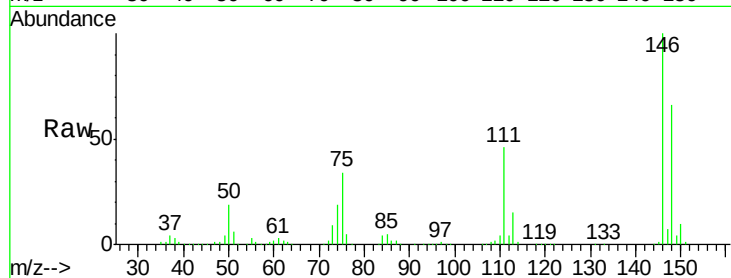




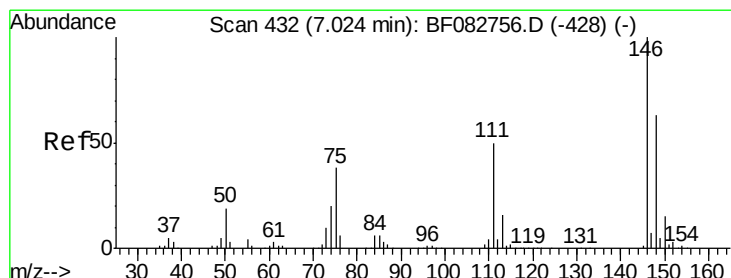
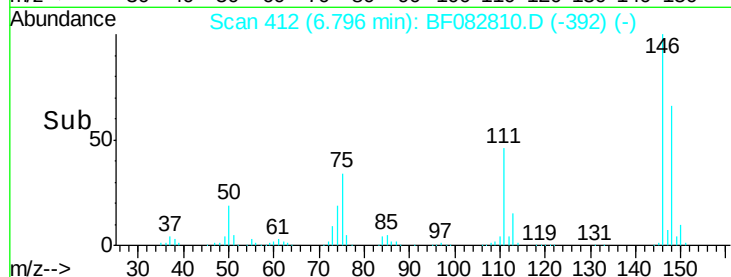
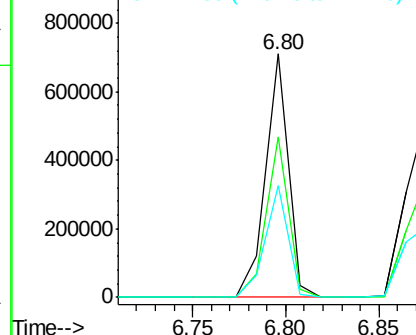
#13
 1,4-Dichlorobenzene
 Concen: 37.41 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.07 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleID :
 T-14CMS

Tgt Ion:146 Resp: 595744
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.8 76.2
 111 46.0 40.6 60.8

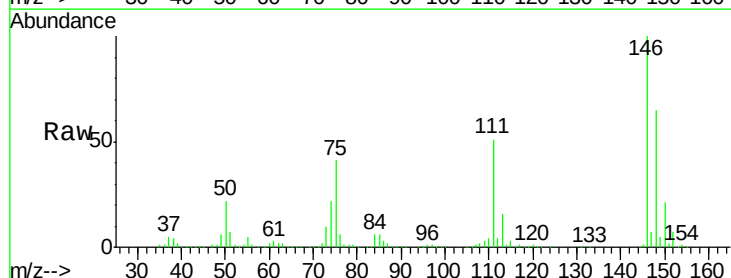


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

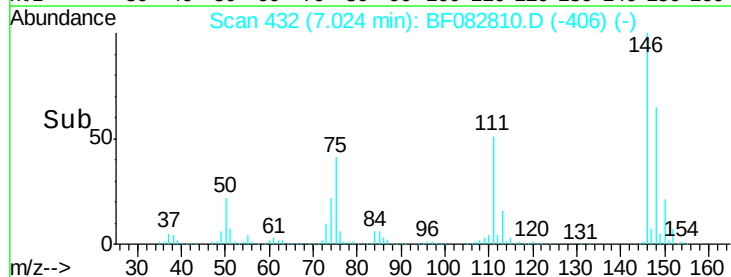
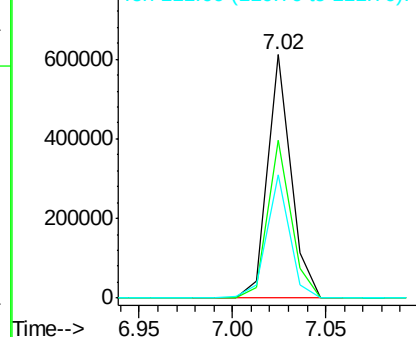


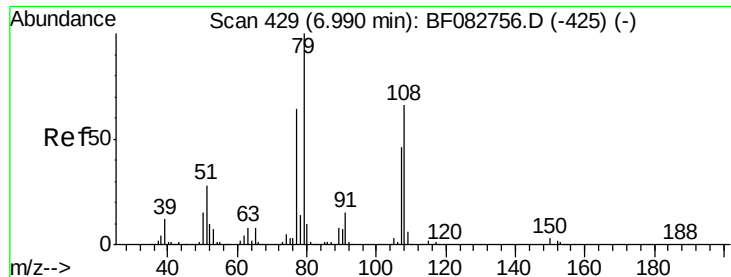
#14
 1,2-Dichlorobenzene
 Concen: 36.45 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:146 Resp: 527881
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 50.7 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: 38.68 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

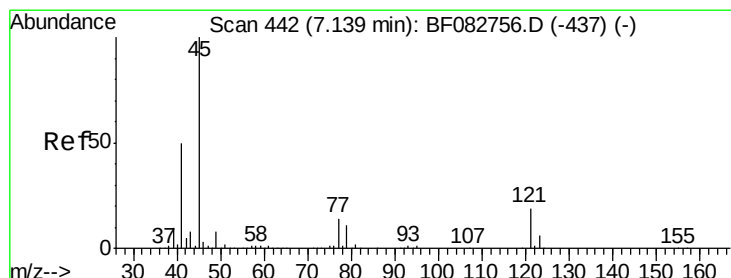
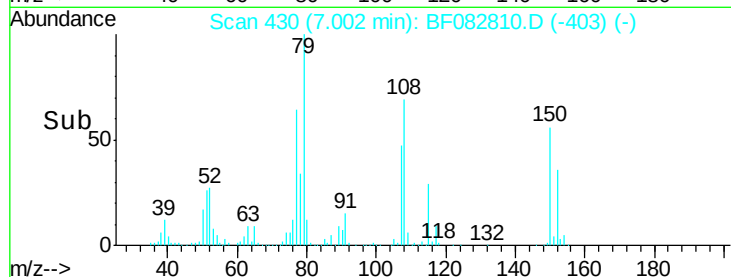
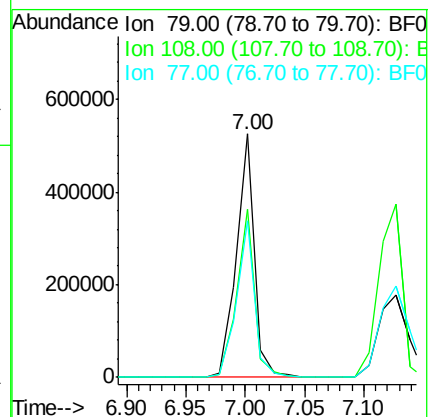
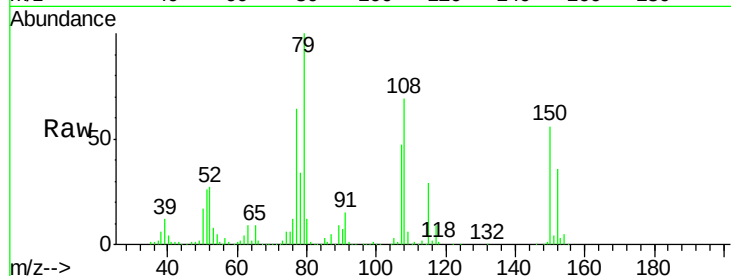
Tgt Ion: 79 Resp: 552776

Ion Ratio Lower Upper

79 100

108 68.9 52.2 78.4

77 64.1 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.05 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

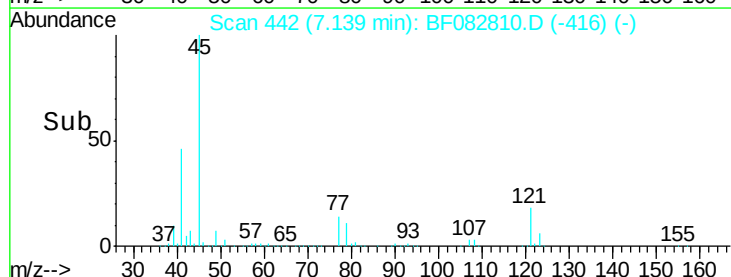
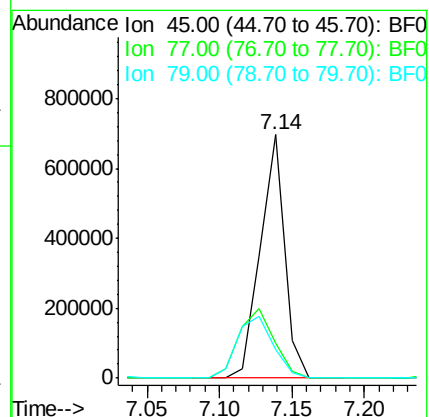
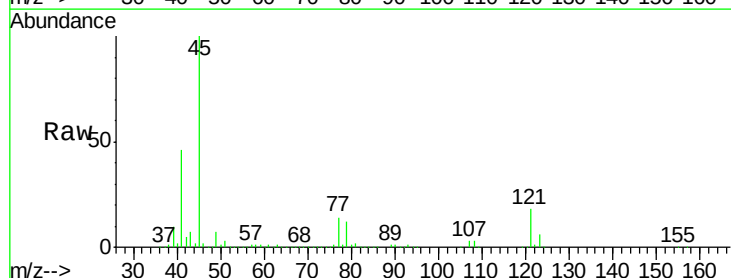
Tgt Ion: 45 Resp: 811247

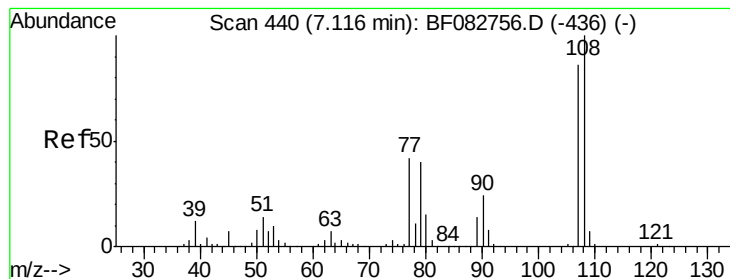
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.6

79 11.6 0.0 29.2





#17

2-Methylphenol

Concen: 39.39 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tgt Ion:107 Resp: 452827

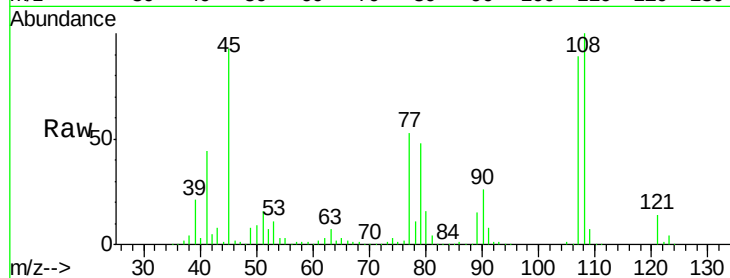
Ion Ratio Lower Upper

107 100

108 111.9 93.0 139.4

77 59.2 44.1 66.1

79 53.1 43.6 65.4

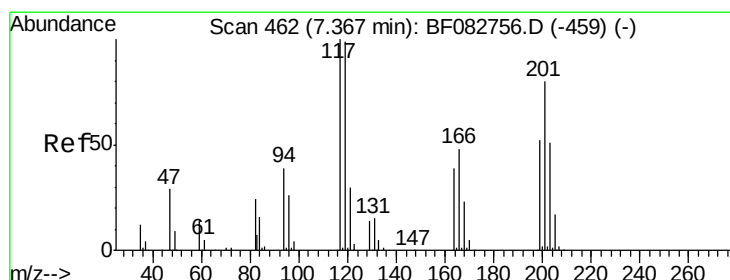
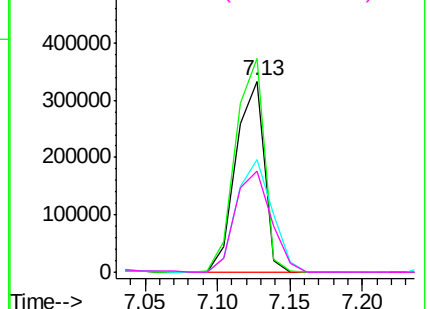
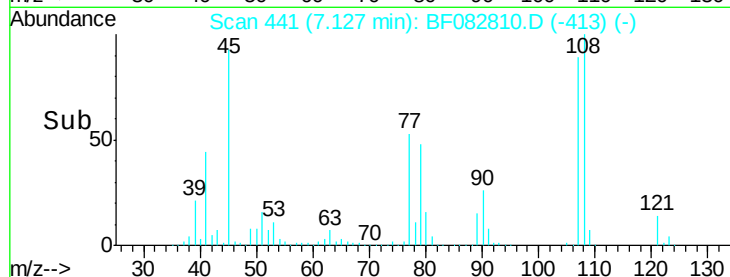


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.10 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

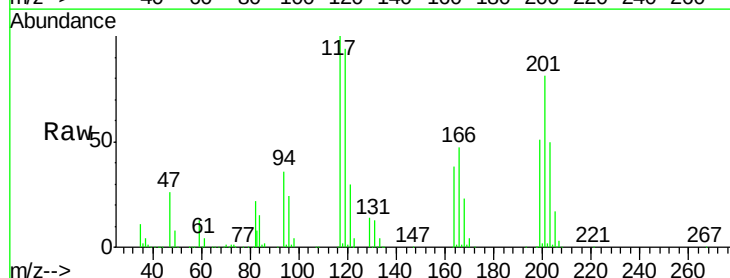
Tgt Ion:117 Resp: 188507

Ion Ratio Lower Upper

117 100

119 94.3 77.7 116.5

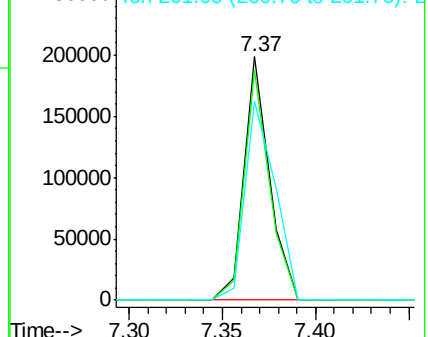
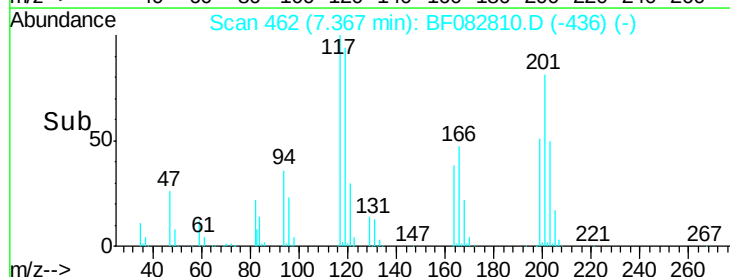
201 81.5 66.7 100.1

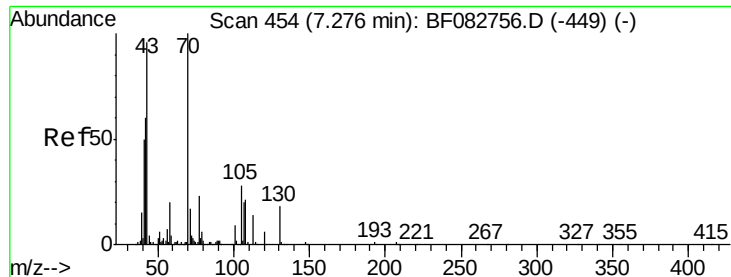


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

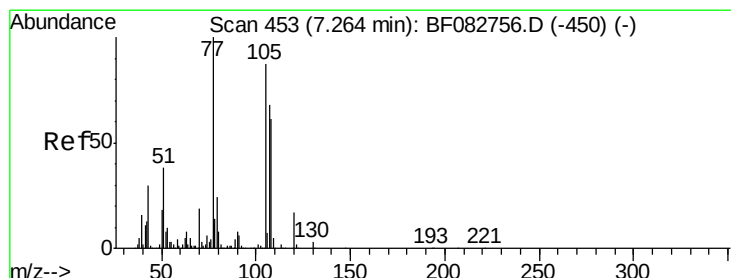
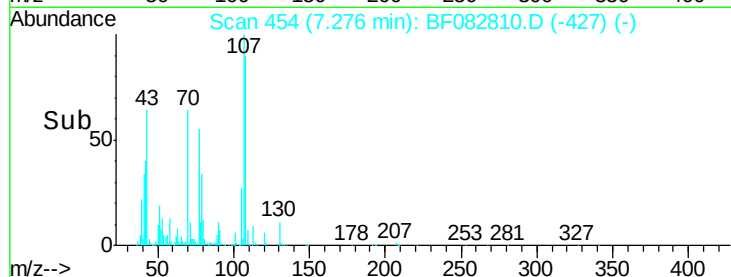
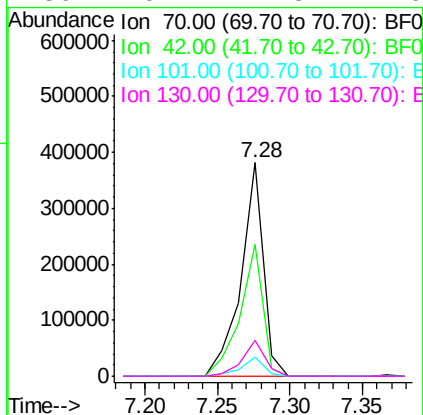
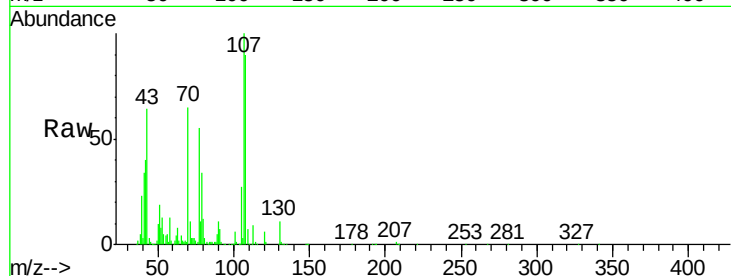




#19
n-Nitroso-di-n-propylamine
Concen: 34.23 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

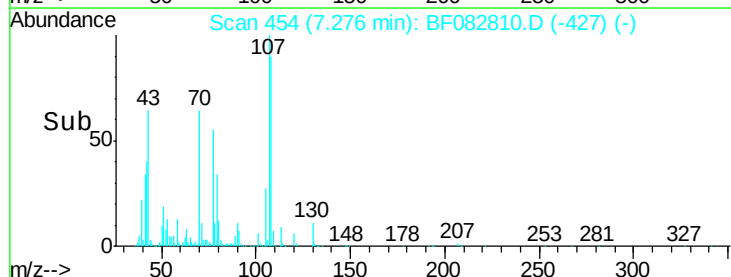
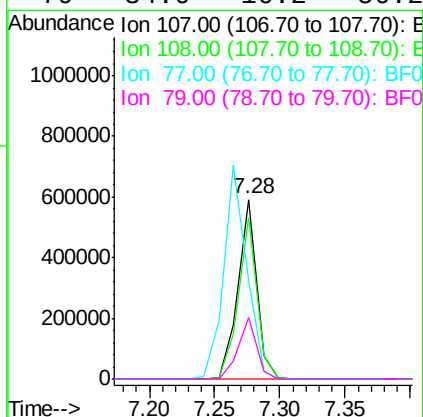
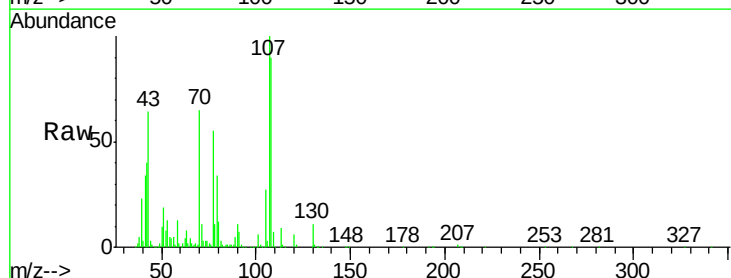
Instrument :
BNA_F
ClientSampleId :
T-14CMS

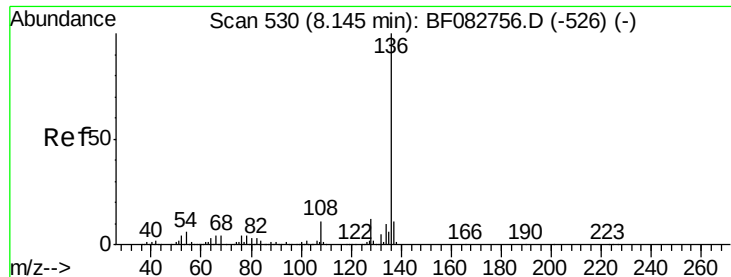
Tgt Ion:	70	Resp:	409546
Ion	Ratio	Lower	Upper
70	100		
42	61.9	57.7	86.5
101	8.8	7.0	10.6
130	16.7	11.8	17.6



#20
3+4-Methylphenols
Concen: 39.30 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:	107	Resp:	587377
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.3	107.3
77	54.8	100.3	140.3#
79	34.0	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tgt Ion:136 Resp: 936505

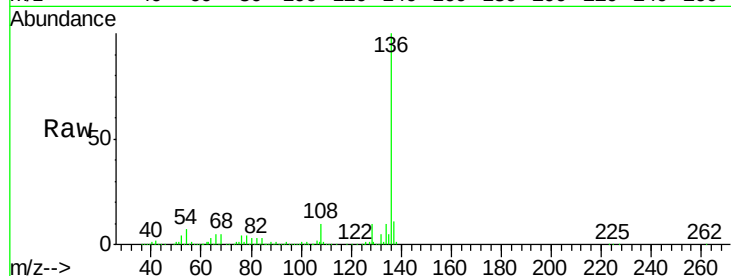
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 9.1 13.7#

68 5.5 4.8 7.2

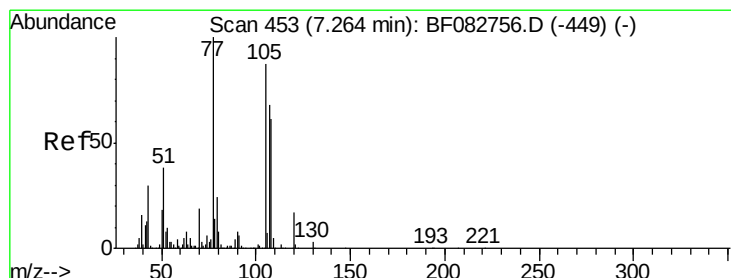
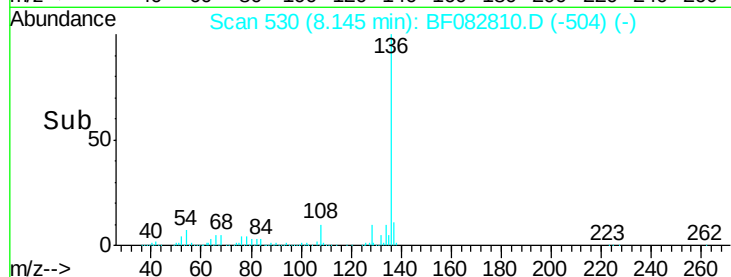
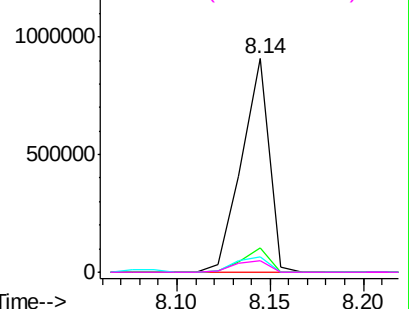


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.19 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:105 Resp: 783350

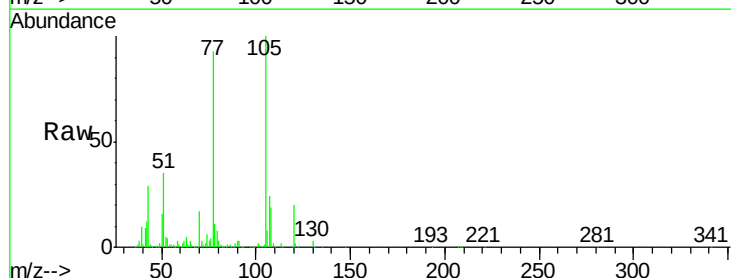
Ion Ratio Lower Upper

105 100

71 2.9 5.6 8.4#

51 34.8 24.9 37.3

120 19.9 15.8 23.8

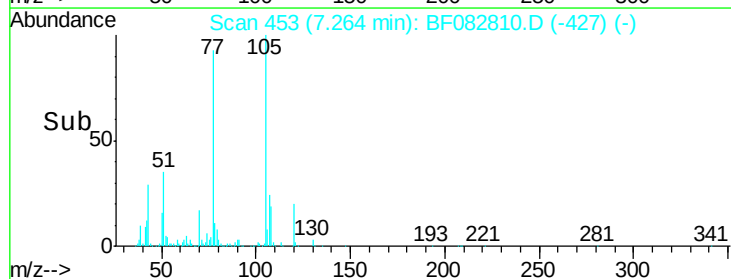
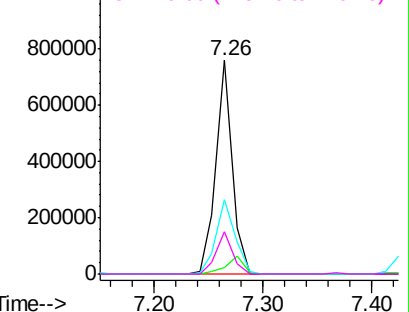


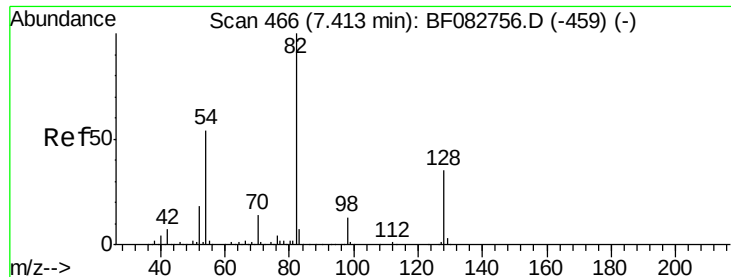
Abundance Ion 105.00 (104.70 to 105.70): E

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

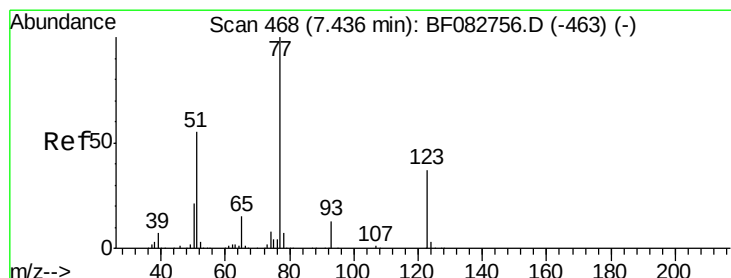
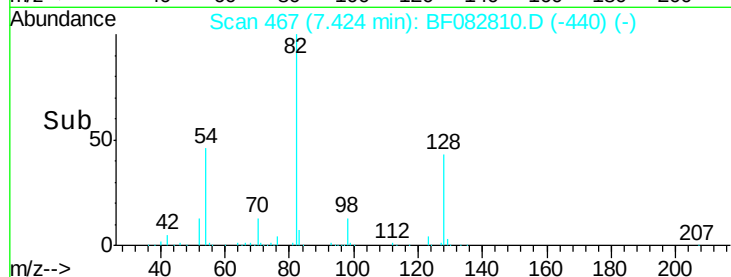
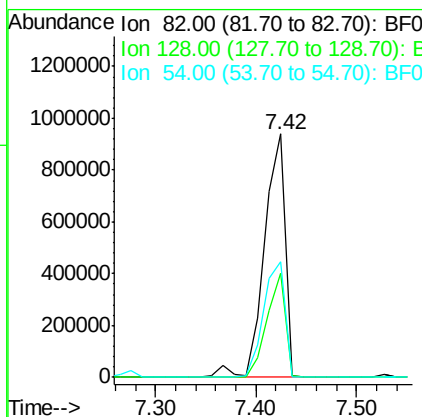
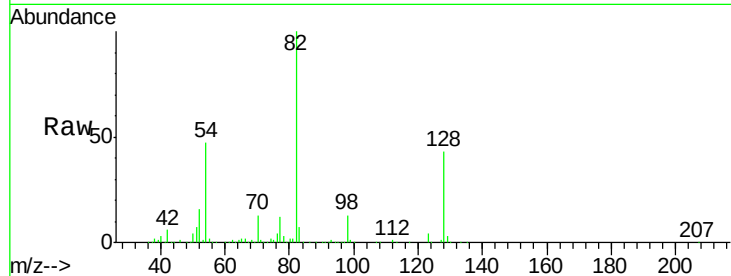




#23
 Nitrobenzene-d5
 Concen: 62.59 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

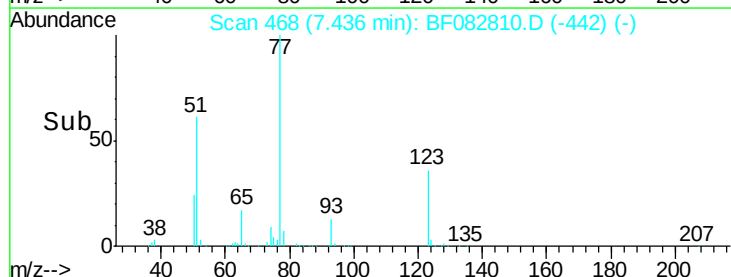
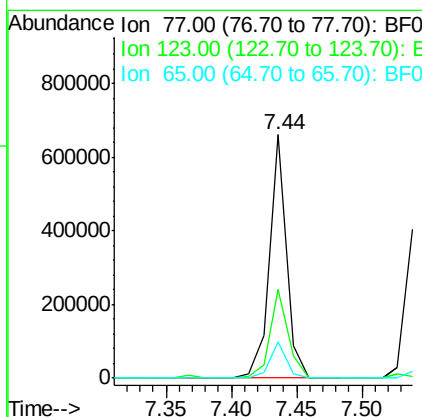
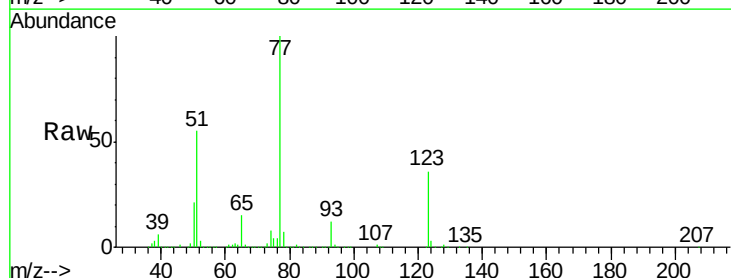
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

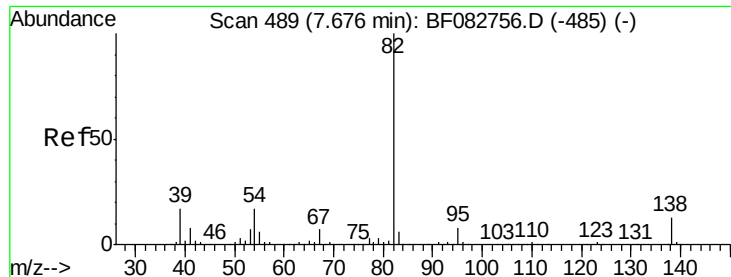
Tgt Ion: 82 Resp: 1347093
 Ion Ratio Lower Upper
 82 100
 128 42.9 26.8 40.2#
 54 47.3 45.7 68.5



#24
 Nitrobenzene
 Concen: 27.37 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion: 77 Resp: 602387
 Ion Ratio Lower Upper
 77 100
 123 36.4 36.4 54.6
 65 15.0 11.5 17.3

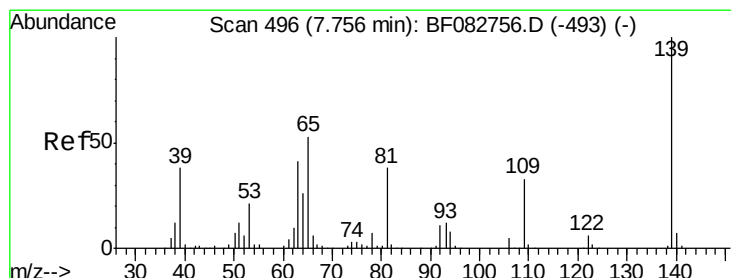
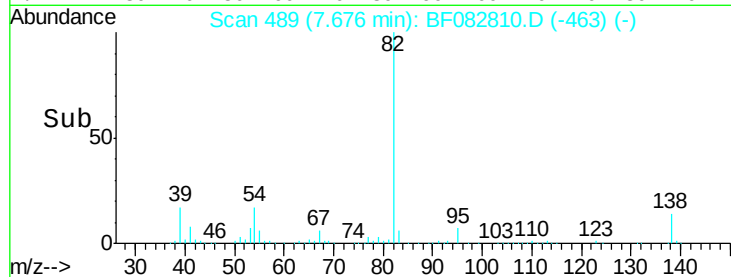
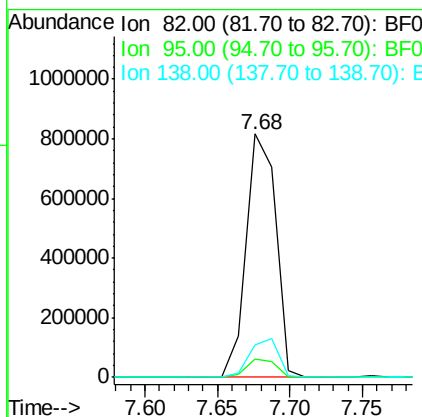
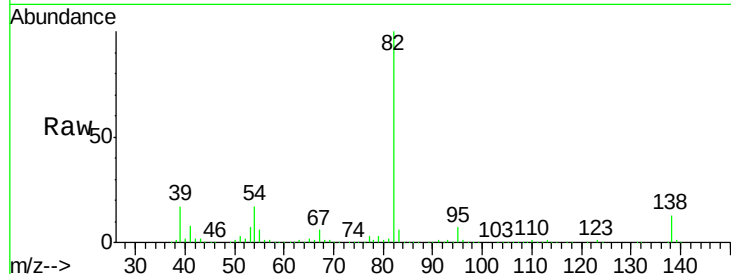




#25
Isophorone
Concen: 29.13 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

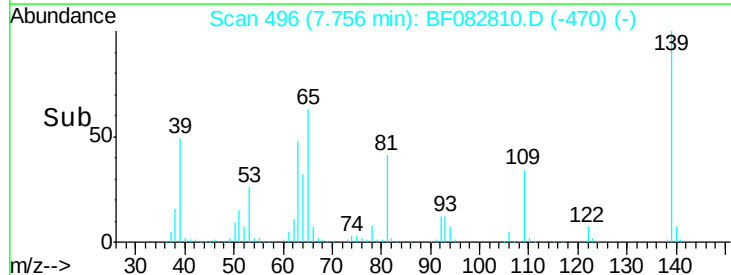
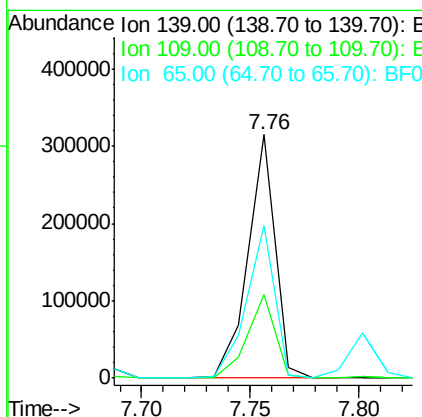
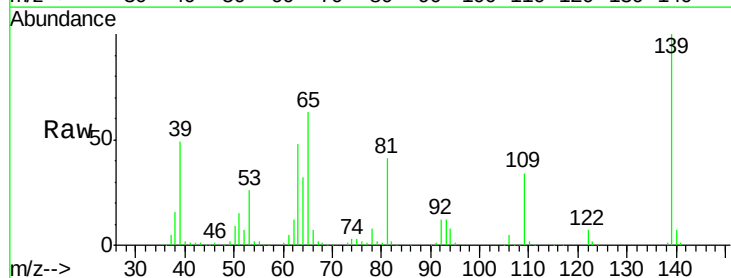
Instrument :
BNA_F
ClientSampled :
T-14CMS

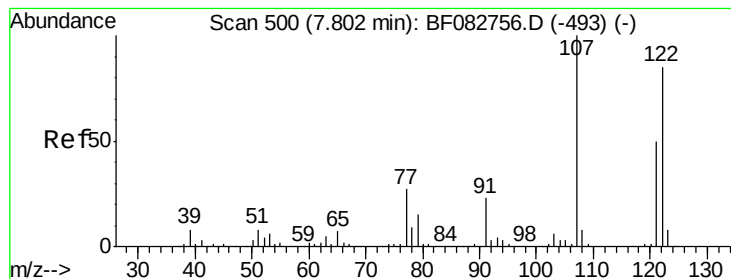
Tgt Ion: 82 Resp: 1160203
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 13.4 11.4 17.0



#26
2-Nitrophenol
Concen: 29.75 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion: 139 Resp: 273319
Ion Ratio Lower Upper
139 100
109 34.3 37.6 56.4#
65 62.6 70.6 105.8#

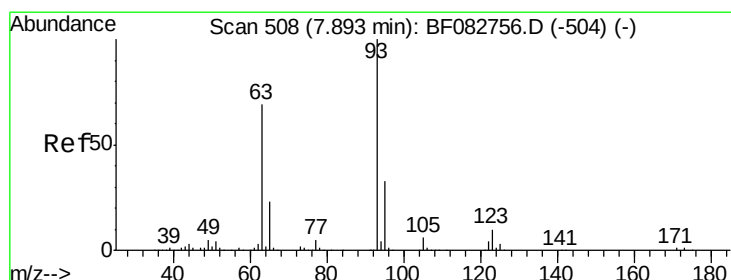
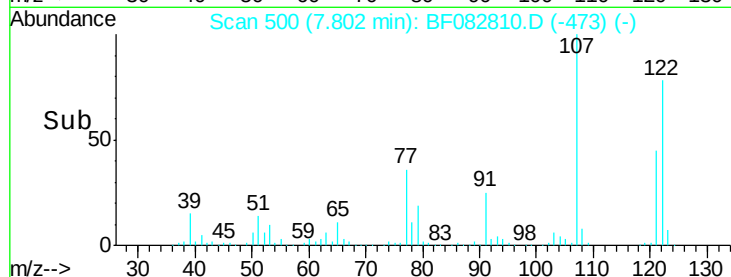
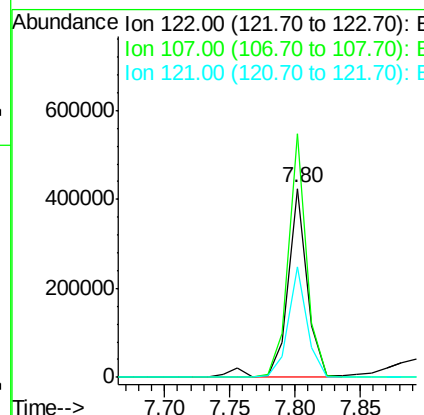
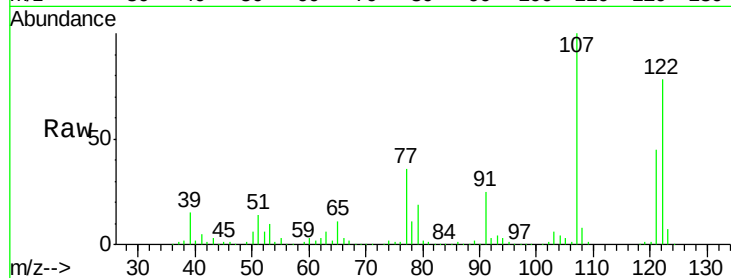




#27
 2,4-Dimethylphenol
 Concen: 27.32 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

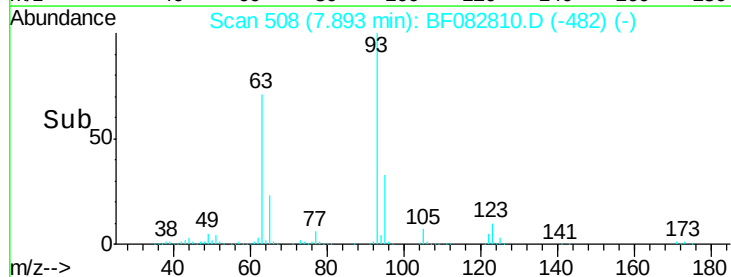
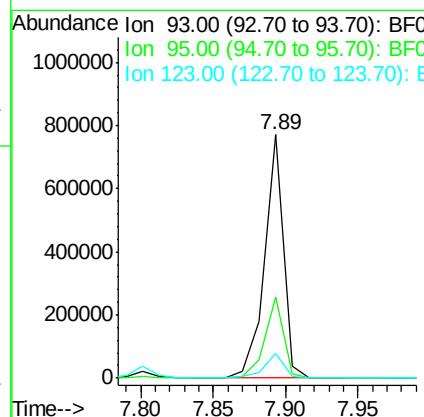
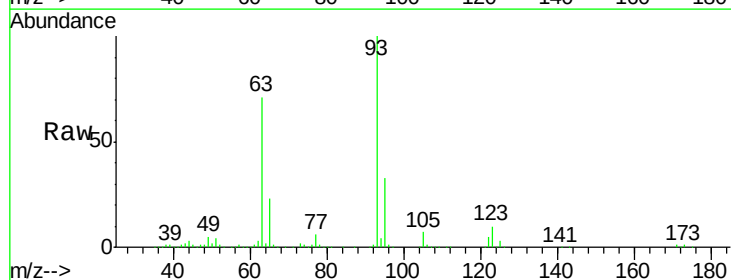
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

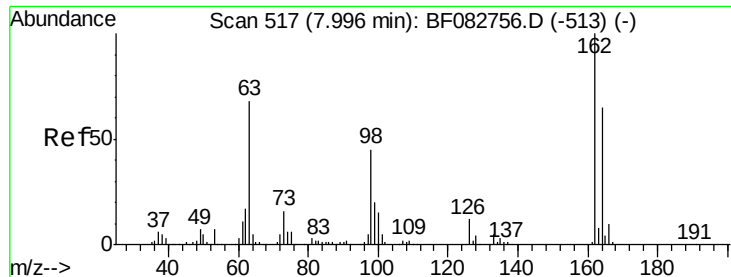
Tgt Ion:122 Resp: 450962
 Ion Ratio Lower Upper
 122 100
 107 129.0 106.0 159.0
 121 58.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.83 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion: 93 Resp: 692617
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 10.1 9.7 14.5

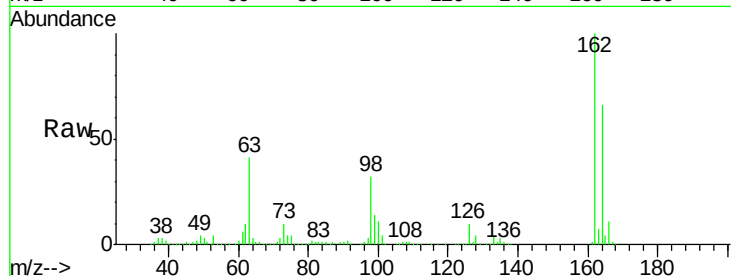




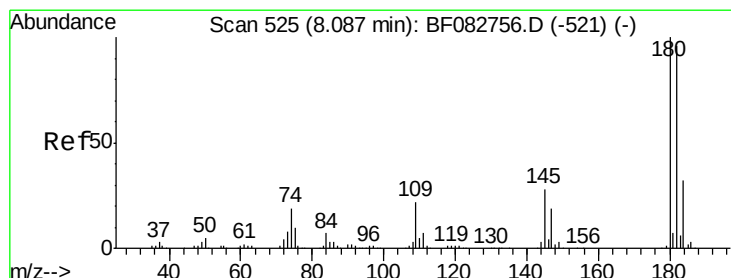
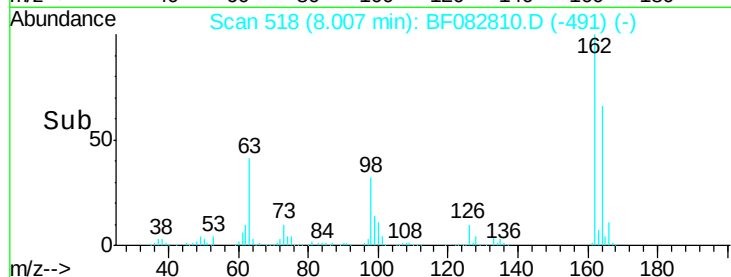
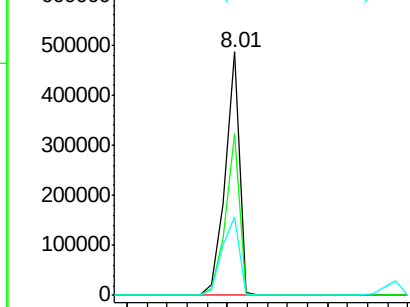
#29
2,4-Dichlorophenol
Concen: 32.24 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:162 Resp: 480948
Ion Ratio Lower Upper
162 100
164 66.2 46.8 86.8
98 32.0 12.5 52.5

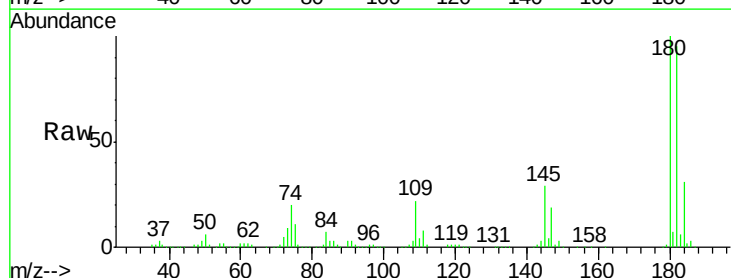


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

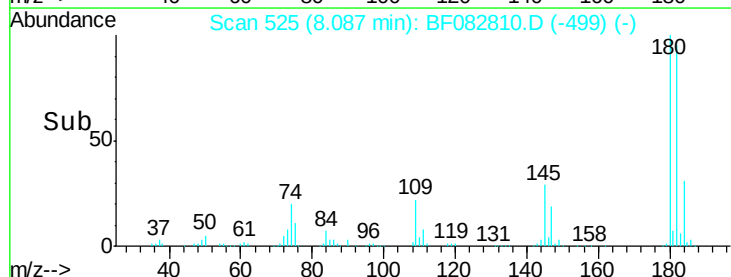
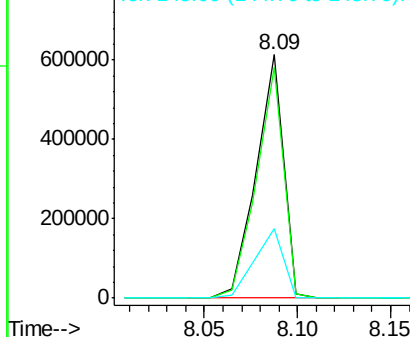


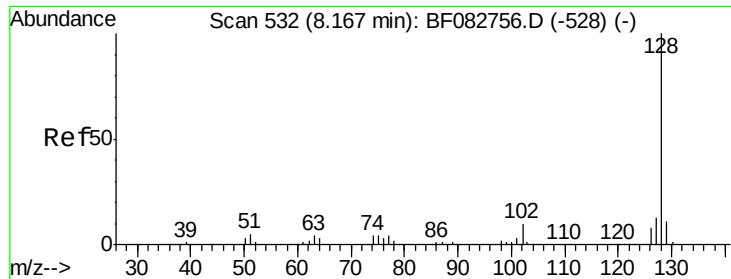
#30
1,2,4-Trichlorobenzene
Concen: 36.98 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:180 Resp: 620452
Ion Ratio Lower Upper
180 100
182 94.9 74.9 112.3
145 28.7 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

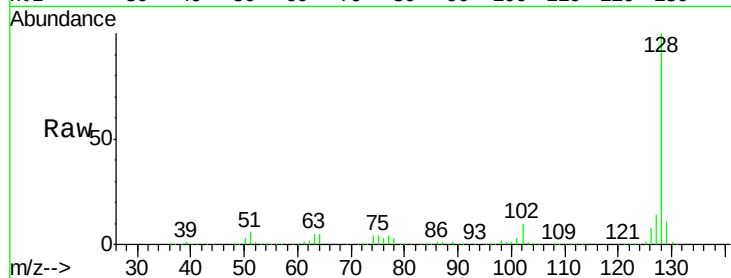




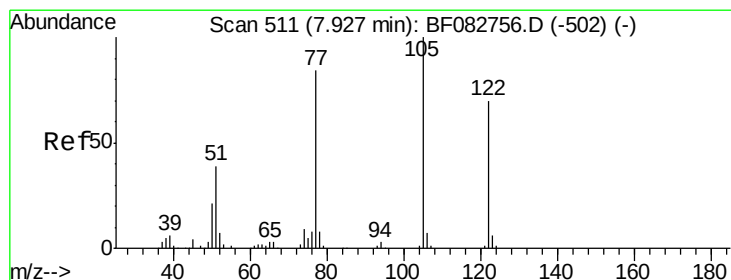
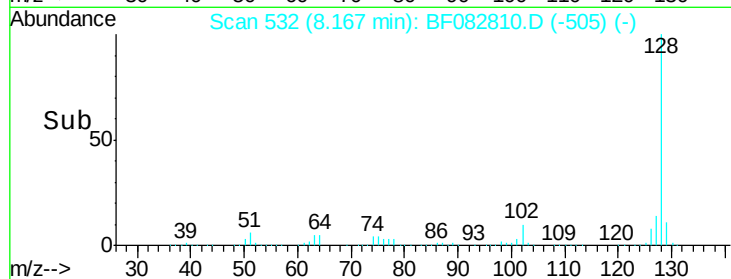
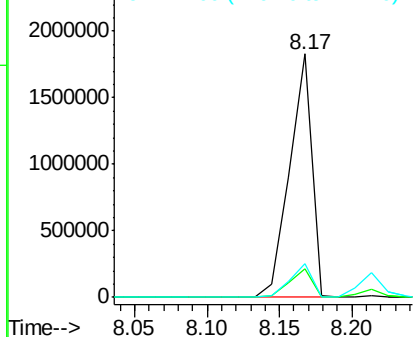
#31
Naphthalene
Concen: 37.64 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:128 Resp: 1944710
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.8 11.4 17.0

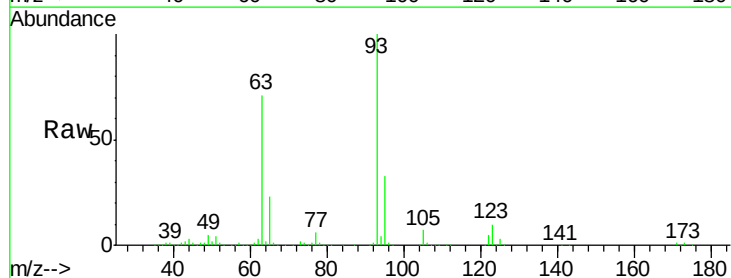


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

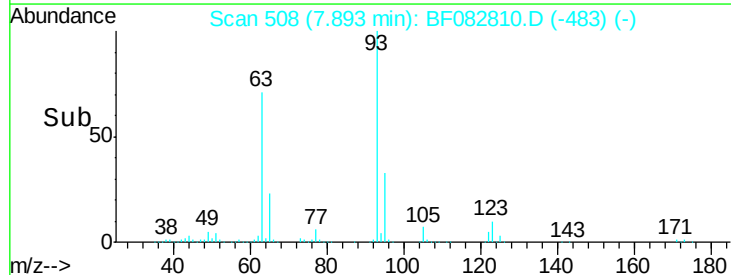
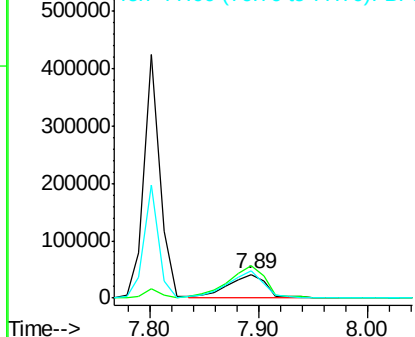


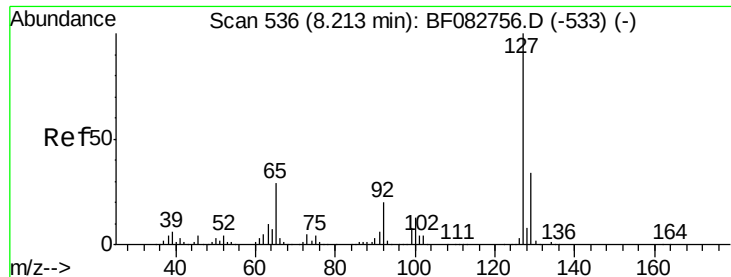
#32
Benzoic acid
Concen: 8.83 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:122 Resp: 99779
Ion Ratio Lower Upper
122 100
105 134.0 122.6 162.6
77 112.3 100.9 140.9



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

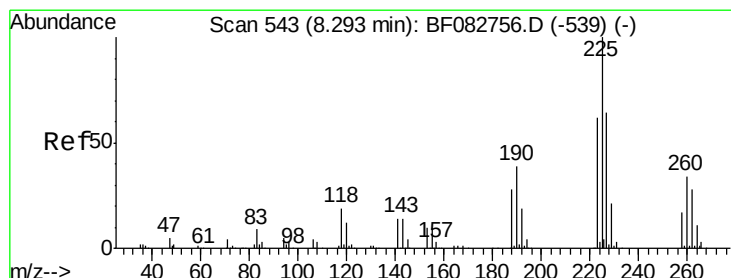
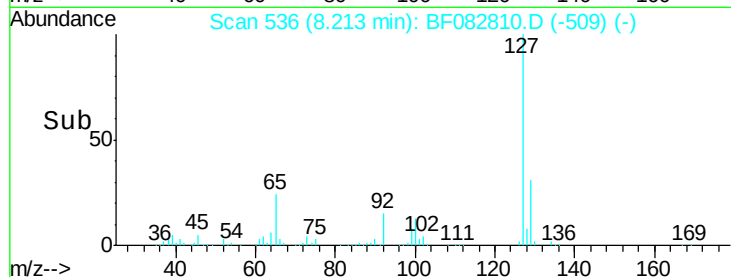
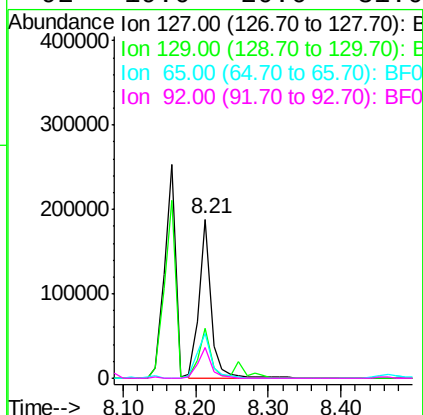
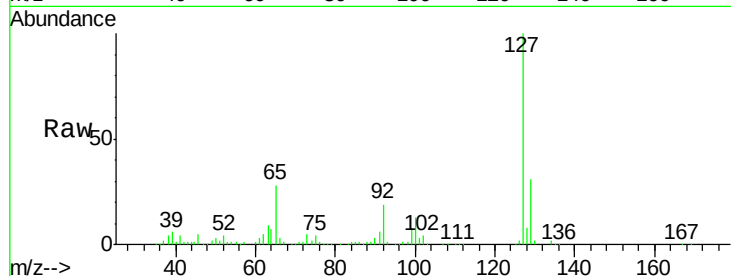




#33
4-Chloroaniline
Concen: 9.89 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

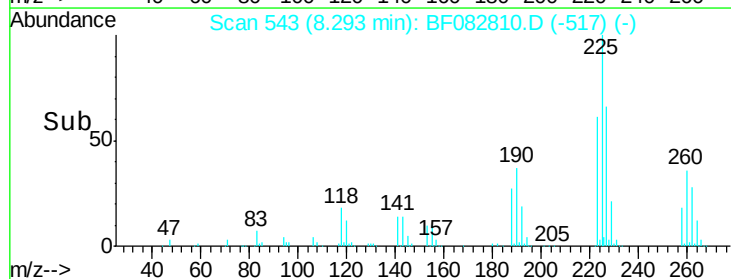
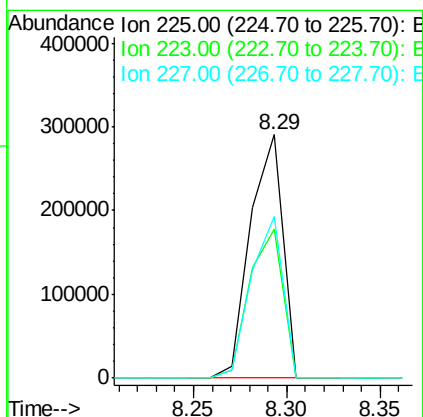
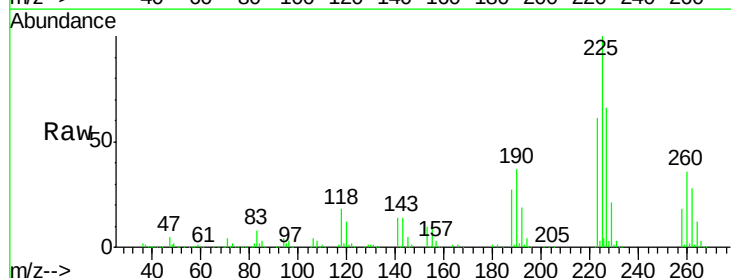
Instrument :
BNA_F
ClientSampleId :
T-14CMS

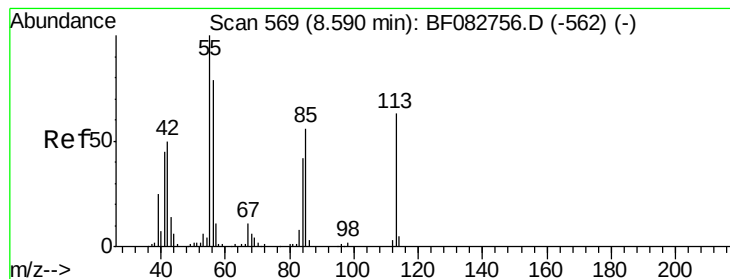
Tgt Ion:	127	Resp:	220240
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	27.9	37.8	56.8#
92	19.0	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 33.30 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:	225	Resp:	349663
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.5	75.7
227	66.2	50.2	75.2





#35

Caprolactam

Concen: 40.59 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

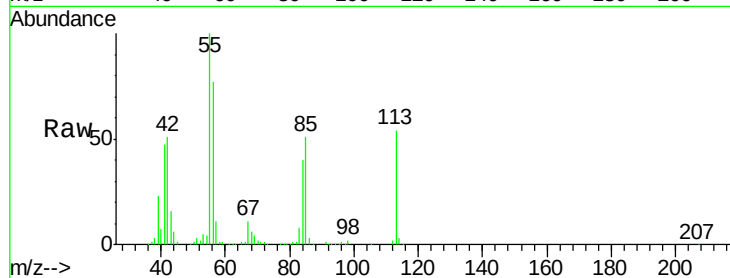
Tgt Ion:113 Resp: 190916

Ion Ratio Lower Upper

113 100

55 184.2 195.5 235.5#

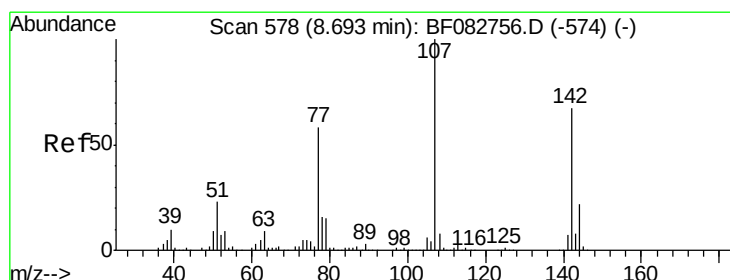
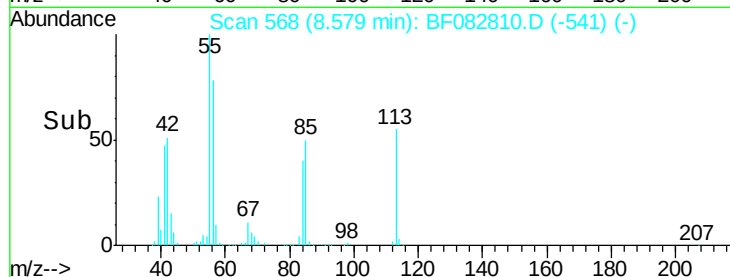
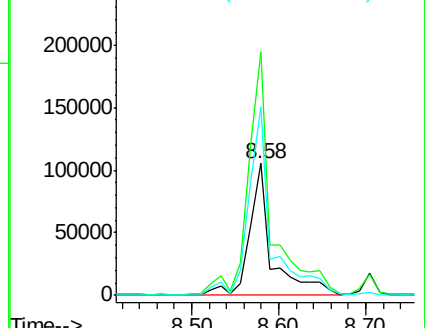
56 142.5 153.5 193.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.88 ng

RT: 8.70 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

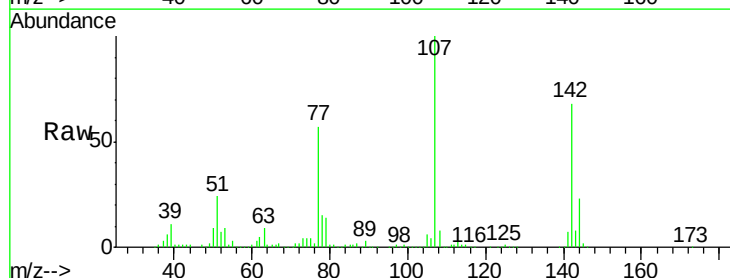
Tgt Ion:107 Resp: 594350

Ion Ratio Lower Upper

107 100

144 22.8 15.4 23.0

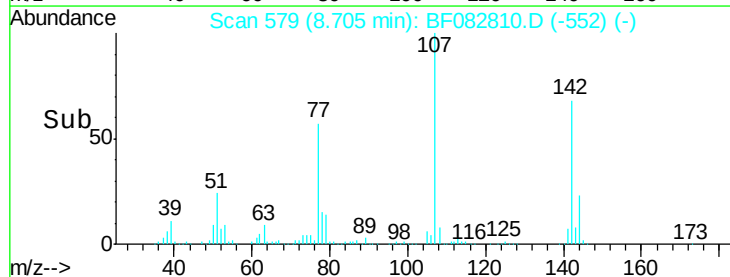
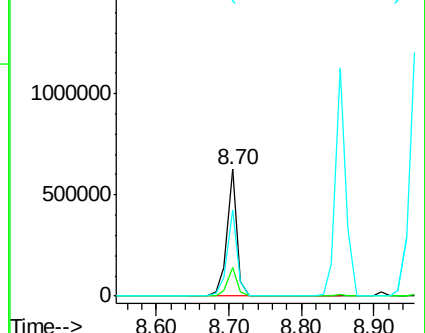
142 67.7 47.8 71.8

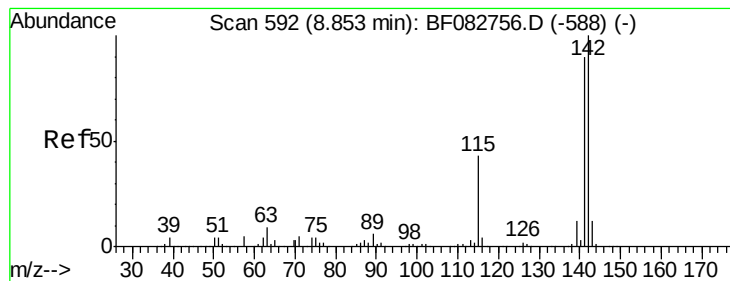


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.27 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

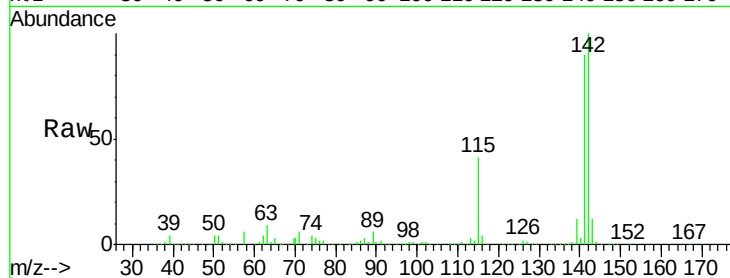
Tgt Ion:142 Resp: 1112113

Ion Ratio Lower Upper

142 100

141 89.6 72.3 108.5

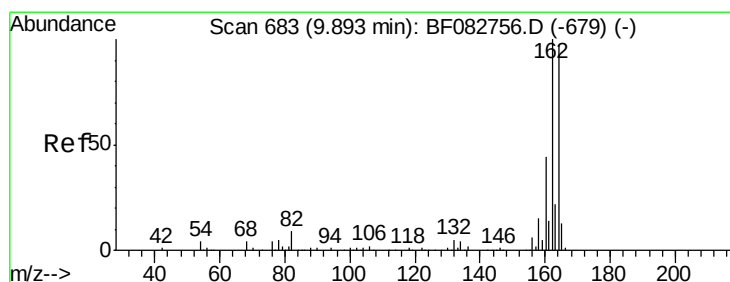
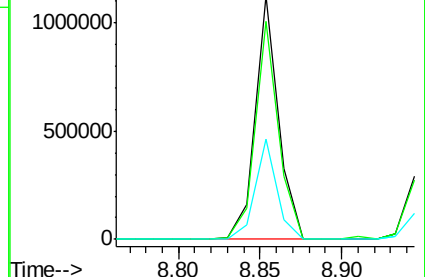
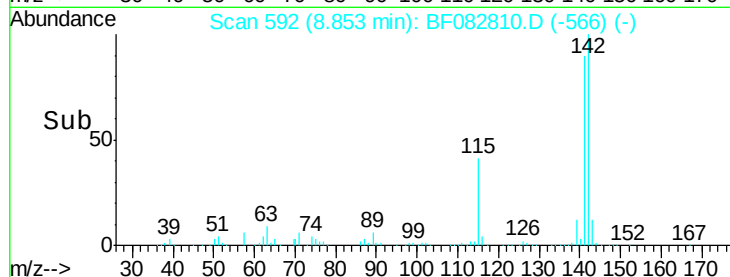
115 41.0 38.1 57.1



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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

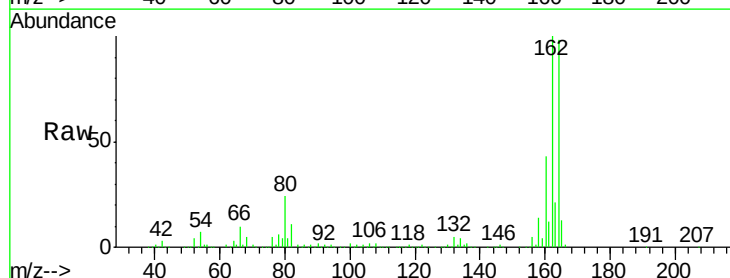
Tgt Ion:164 Resp: 406240

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

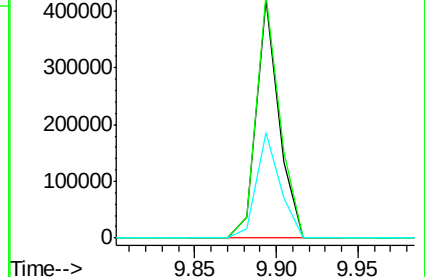
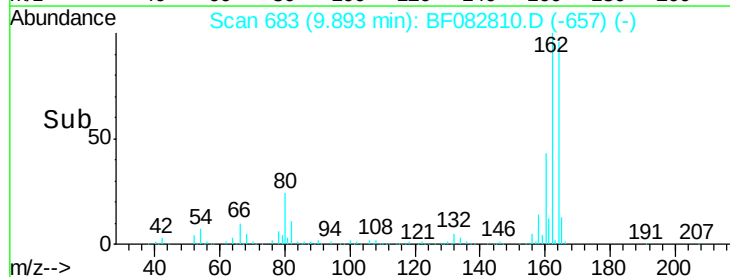
160 44.0 37.5 56.3

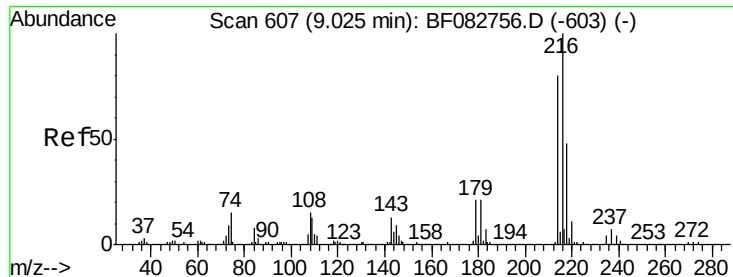


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

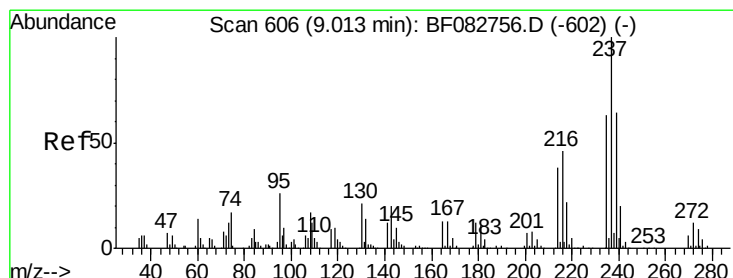
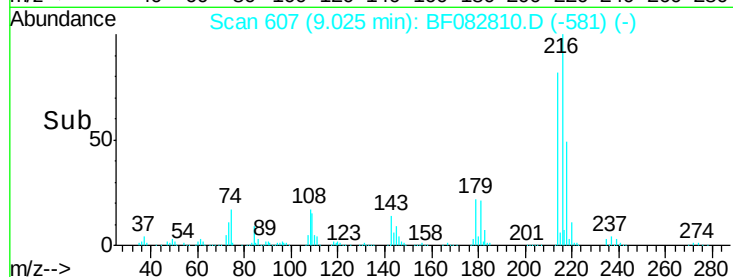
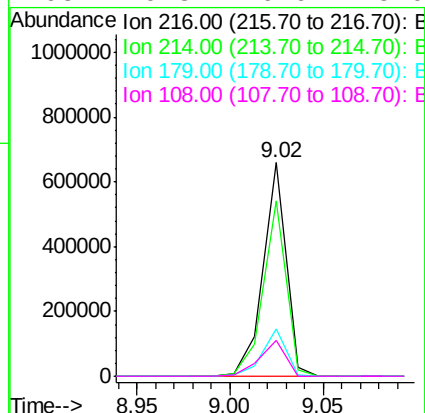
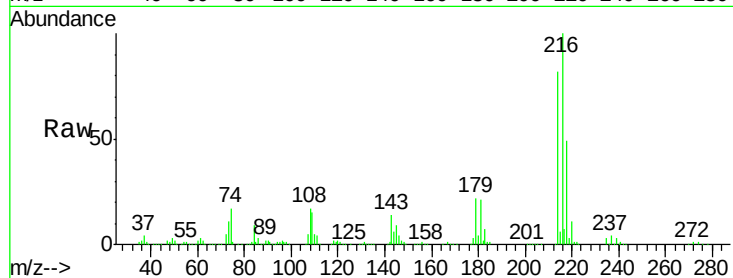




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.05 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

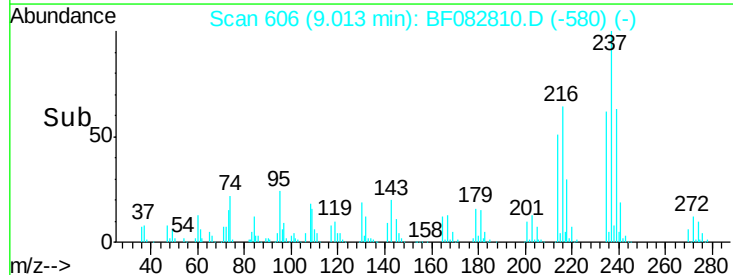
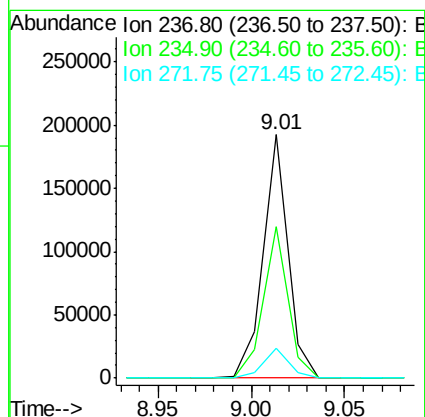
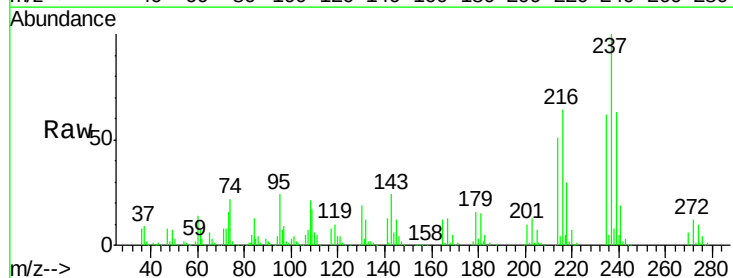
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

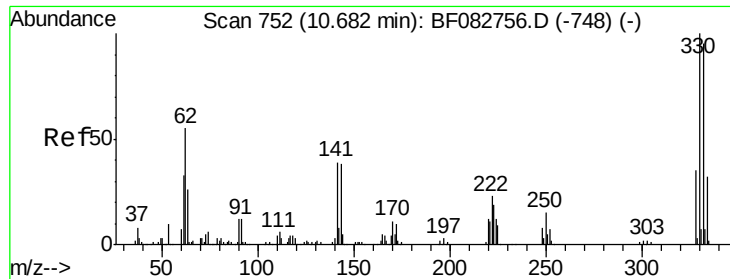
Tgt Ion:	216	Resp:	561374
Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.2	93.2
179	22.4	18.1	27.1
108	19.3	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 24.54 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:	237	Resp:	175994
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.3	84.3
272	12.0	0.0	31.9

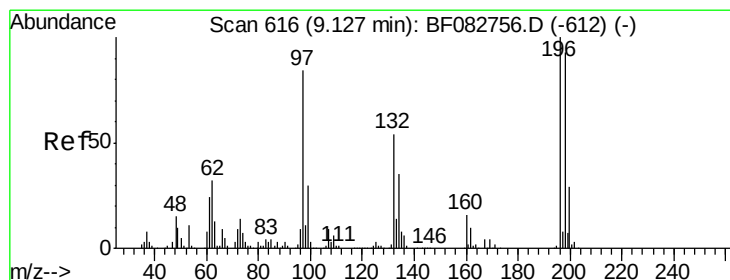
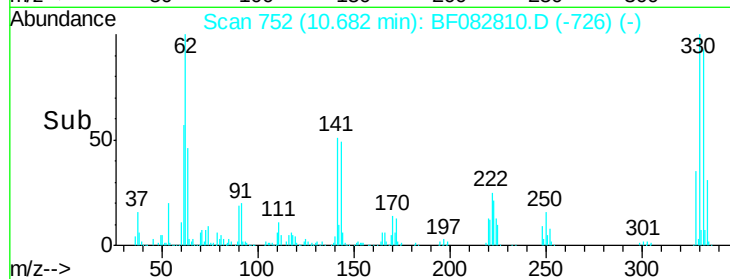
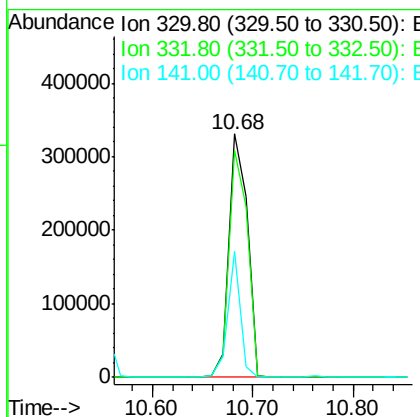
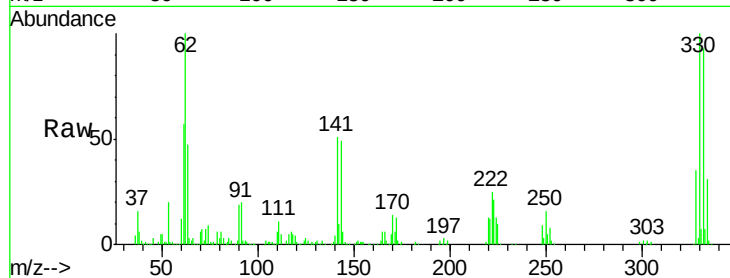




#41
 2,4,6-Tribromophenol
 Concen: 90.86 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

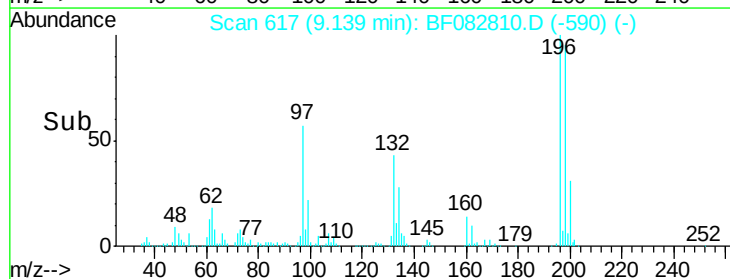
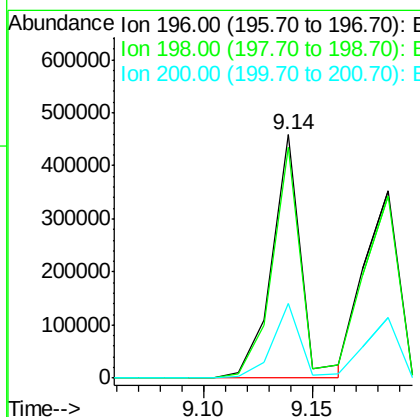
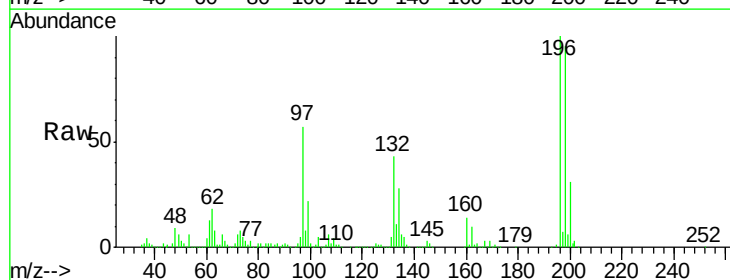
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

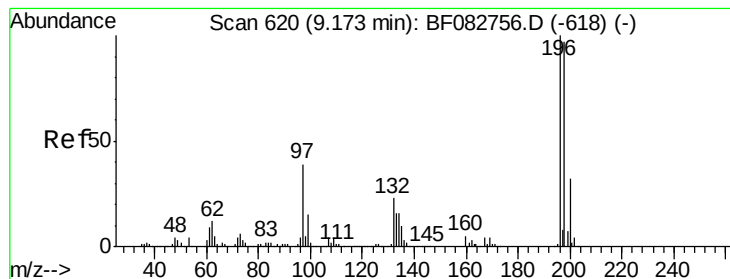
Tgt Ion:330 Resp: 423227
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 35.5 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 42.80 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:196 Resp: 426509
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.3 114.5
 200 30.7 23.9 35.9

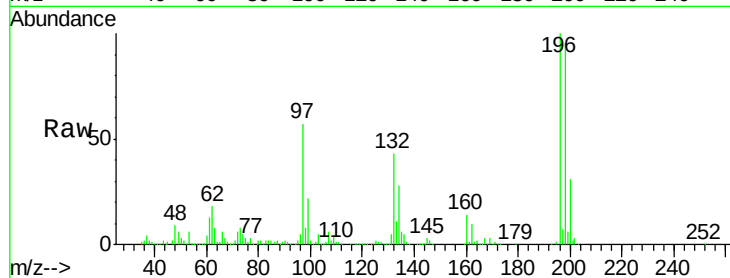




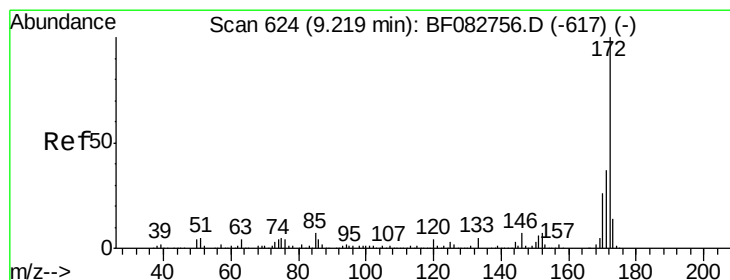
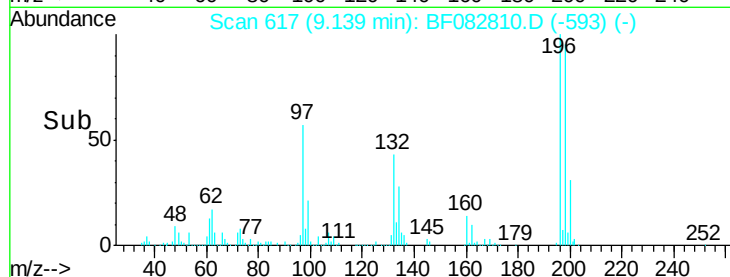
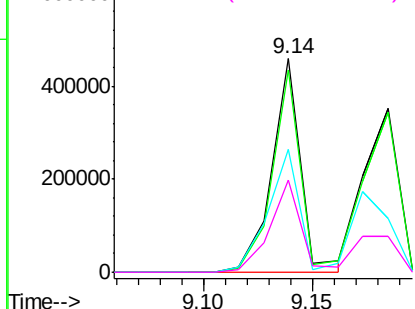
#43
 2,4,5-Trichlorophenol
 Concen: 43.28 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tgt Ion:196 Resp: 426509
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.8
 97 57.3 62.3 93.5#
 132 42.9 27.4 41.2#

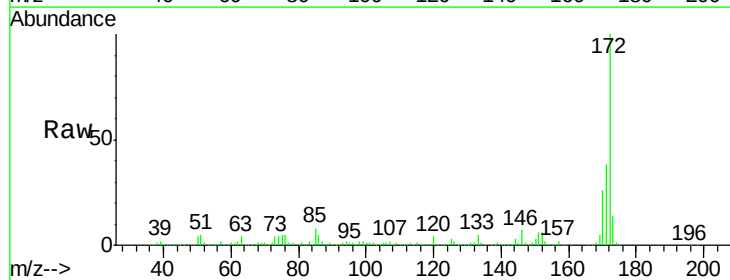


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

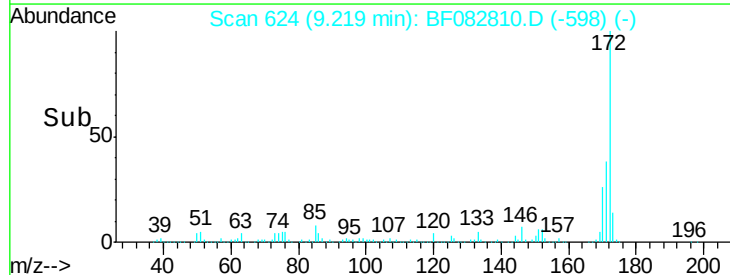
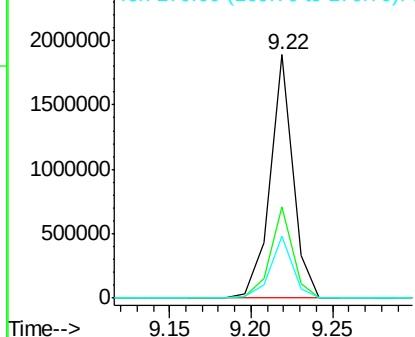


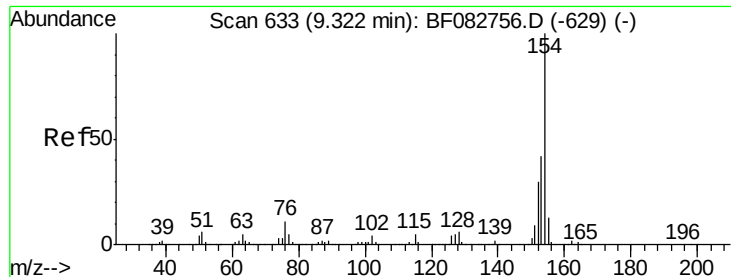
#44
 2-Fluorobiphenyl
 Concen: 65.33 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:172 Resp: 1851677
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.5 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

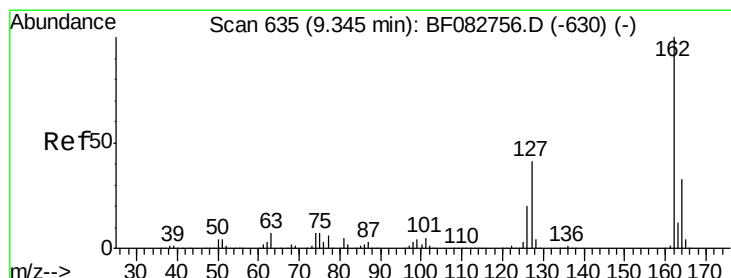
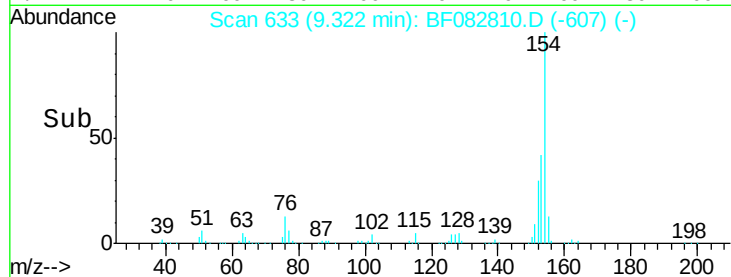
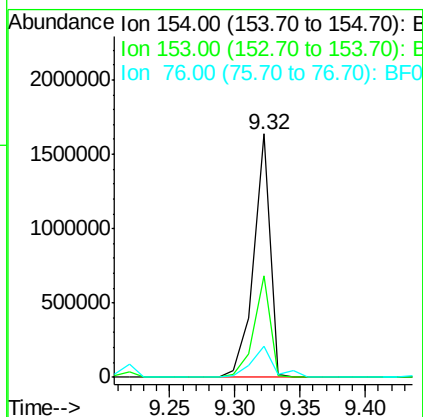
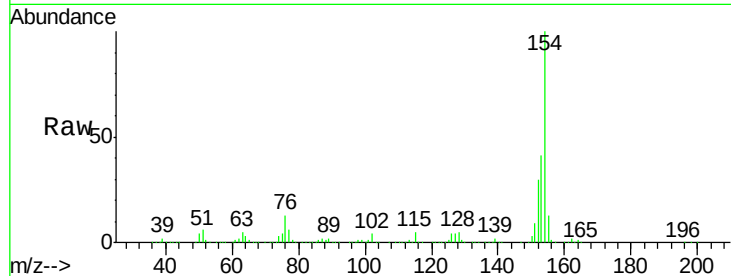




#45
 1,1'-Biphenyl
 Concen: 41.35 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

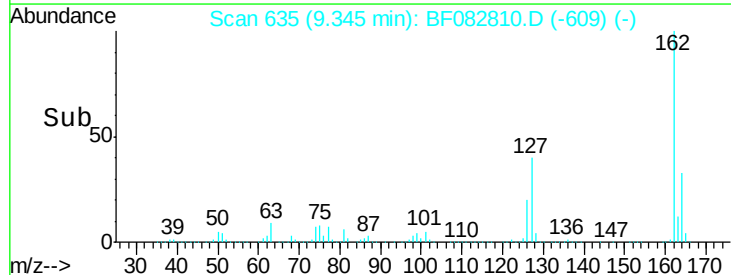
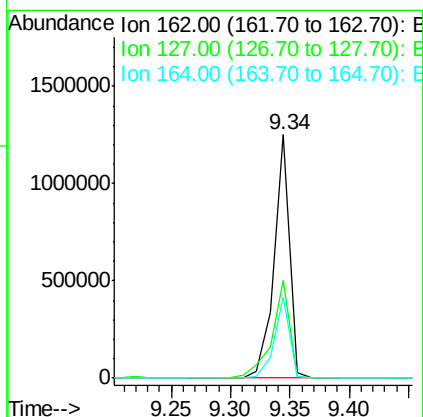
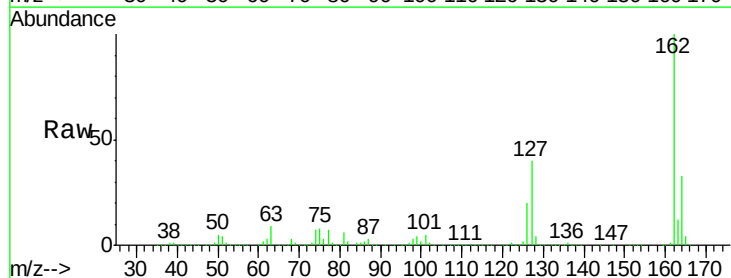
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

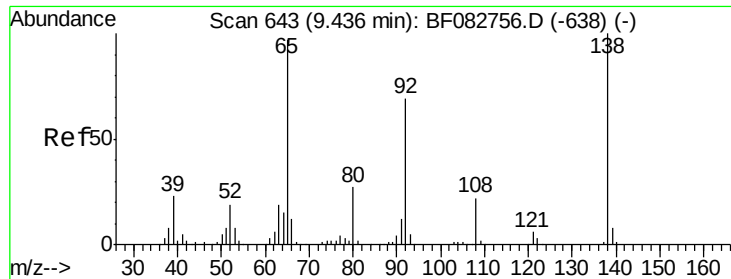
Tgt Ion:154 Resp: 1441289
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.0 62.0
 76 12.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 41.71 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:162 Resp: 1134077
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.7 49.1
 164 33.5 27.4 41.0

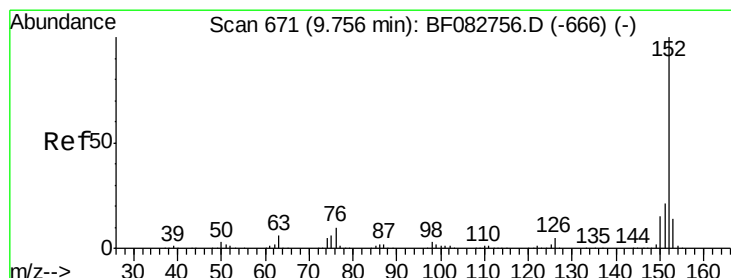
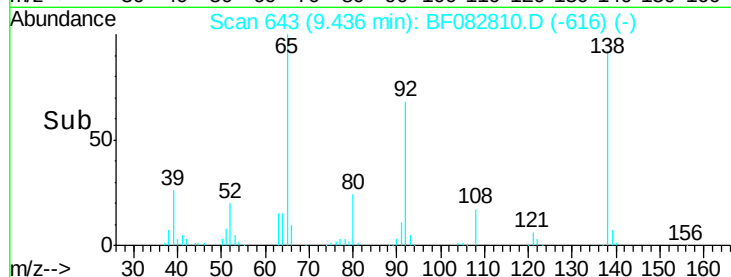
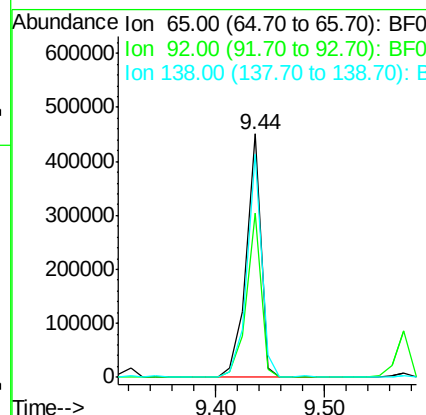
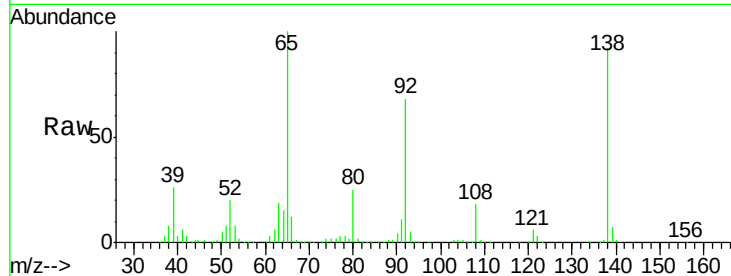




#47
2-Nitroaniline
Concen: 41.51 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

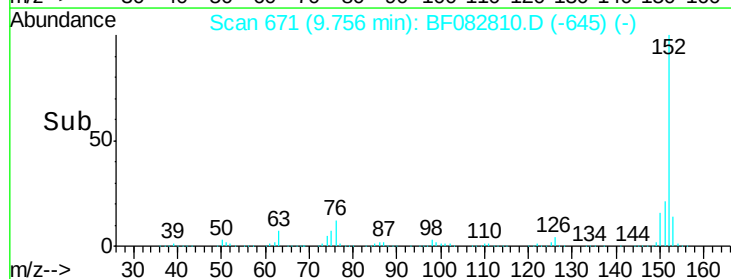
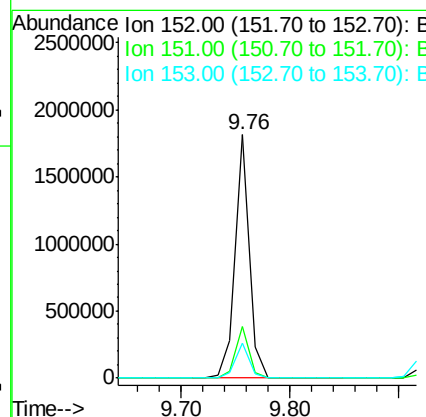
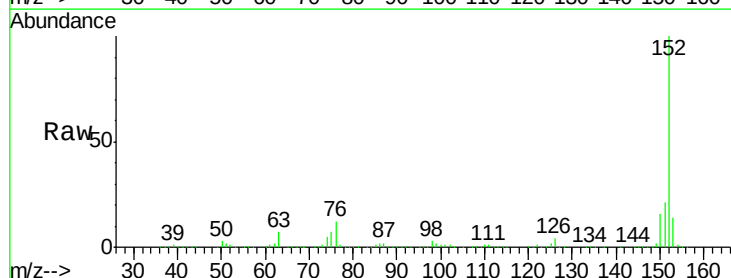
Instrument :
BNA_F
ClientSampleId :
T-14CMS

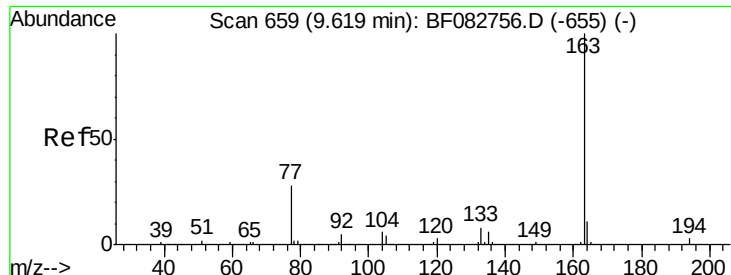
Tgt Ion: 65 Resp: 418685
Ion Ratio Lower Upper
65 100
92 67.6 46.6 70.0
138 91.7 54.6 81.8#



#48
Acenaphthylene
Concen: 37.83 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion: 152 Resp: 1611963
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 14.1 11.3 16.9

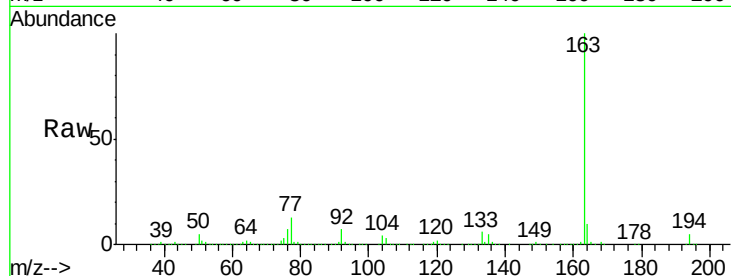




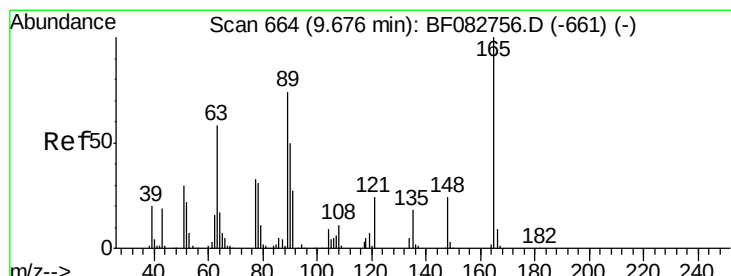
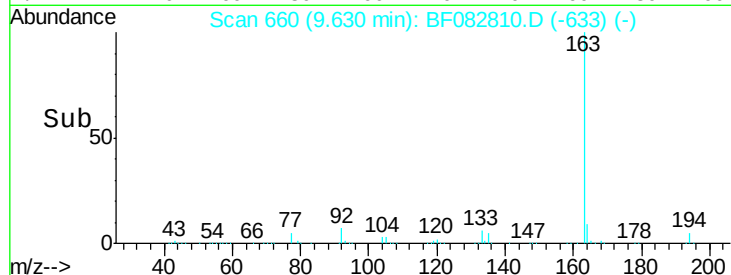
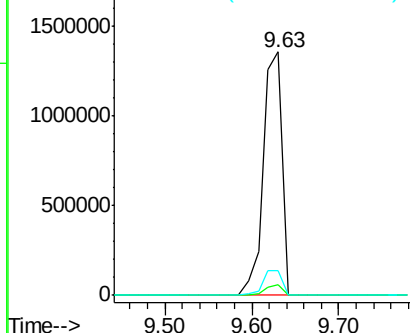
#49
Dimethylphthalate
Concen: 60.68 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:163 Resp: 2019783
Ion Ratio Lower Upper
163 100
194 4.5 2.6 4.0#
164 10.0 8.7 13.1

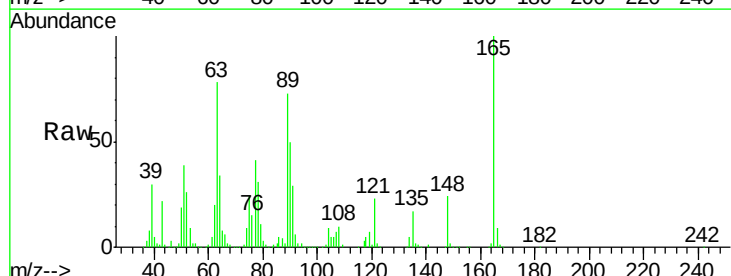


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

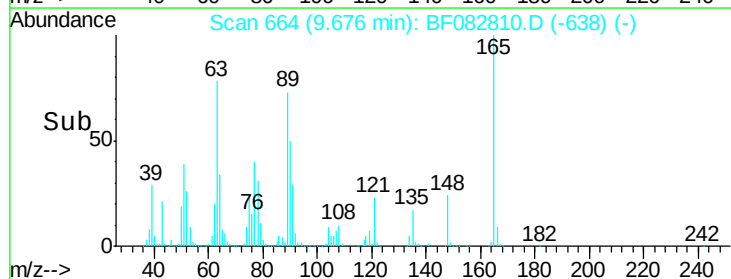
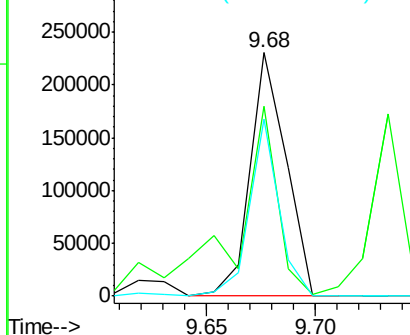


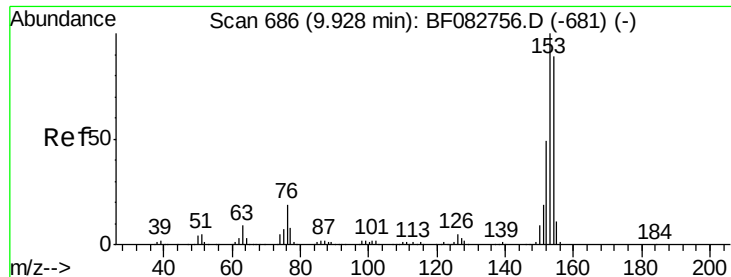
#50
2,6-Dinitrotoluene
Concen: 37.30 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:165 Resp: 264911
Ion Ratio Lower Upper
165 100
63 78.0 55.5 83.3
89 72.9 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: 34.27 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

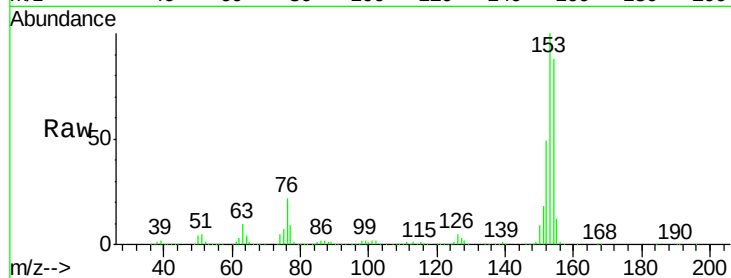
Tgt Ion:154 Resp: 925555

Ion Ratio Lower Upper

154 100

153 113.7 90.1 135.1

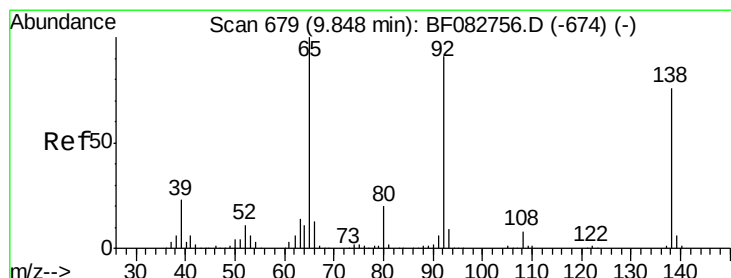
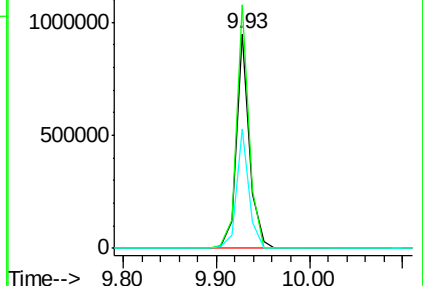
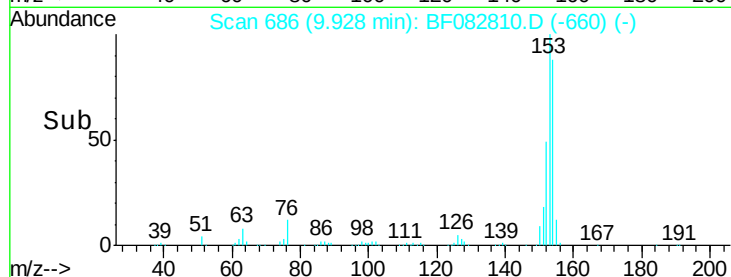
152 55.9 44.3 66.5



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: 27.18 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

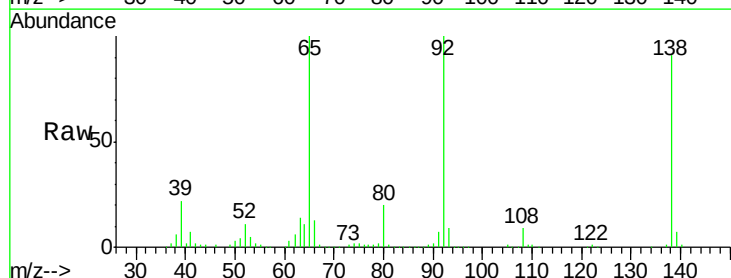
Tgt Ion:138 Resp: 212304

Ion Ratio Lower Upper

138 100

108 10.3 11.3 16.9#

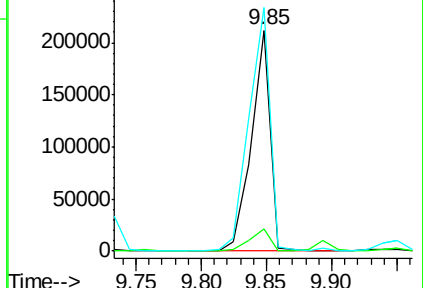
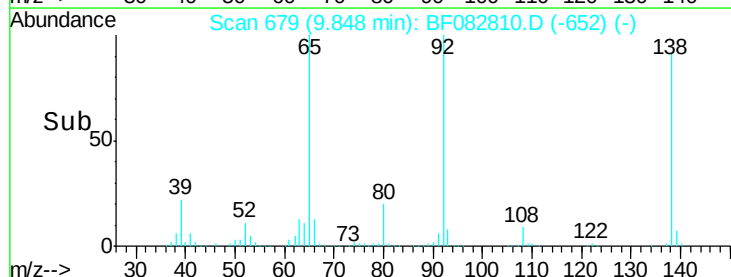
92 110.1 122.4 183.6#

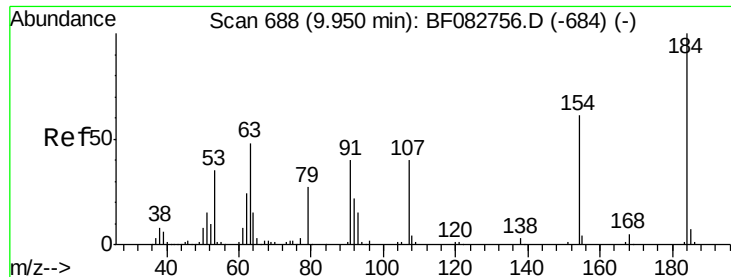


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

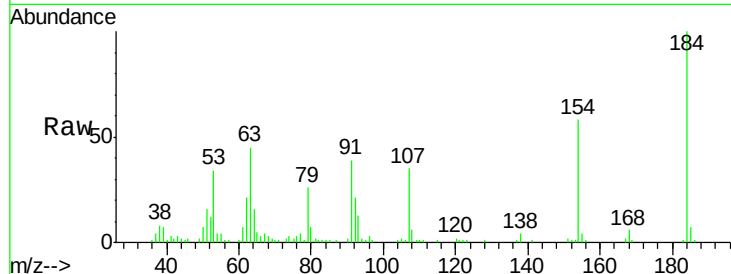




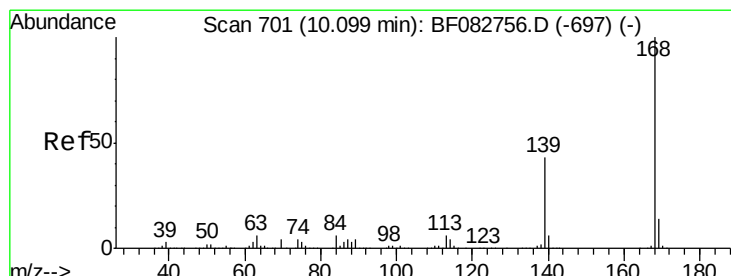
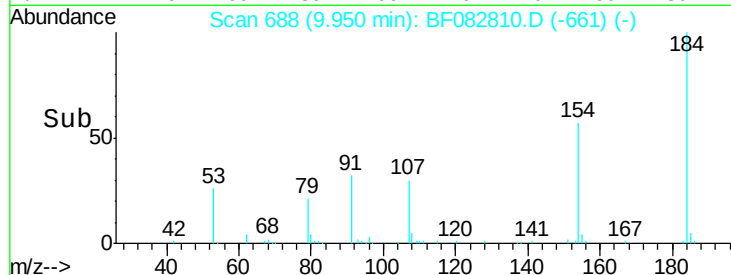
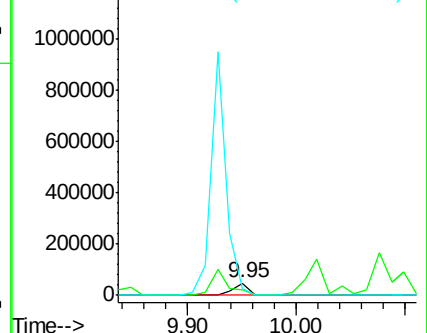
#53
2,4-Dinitrophenol
Concen: 12.29 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:184 Resp: 47931
Ion Ratio Lower Upper
184 100
63 45.1 98.6 148.0#
154 57.7 183.9 275.9#

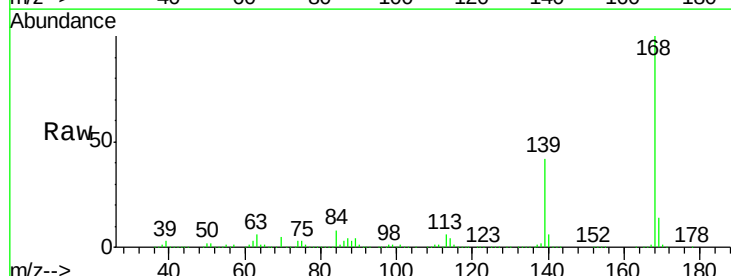


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

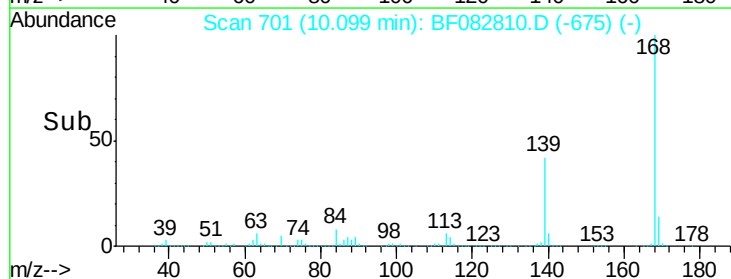
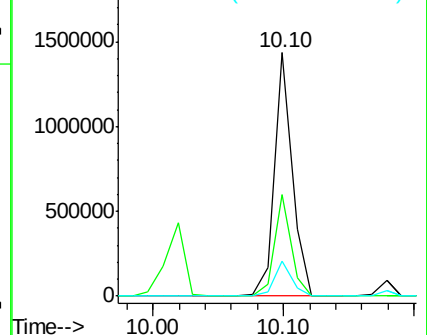


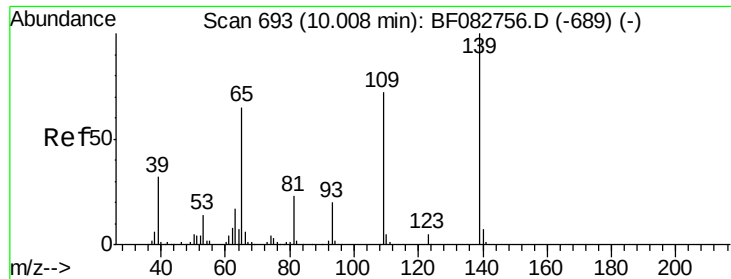
#54
Dibenzofuran
Concen: 37.97 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:168 Resp: 1382473
Ion Ratio Lower Upper
168 100
139 41.8 37.8 56.6
169 14.2 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

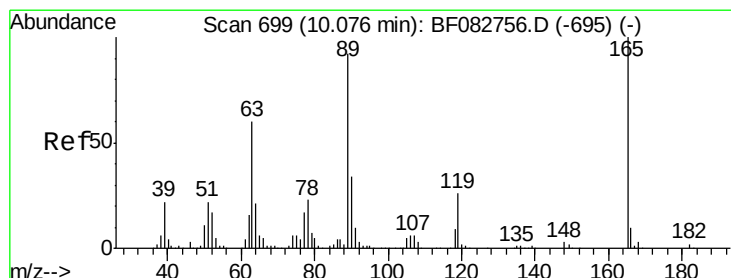
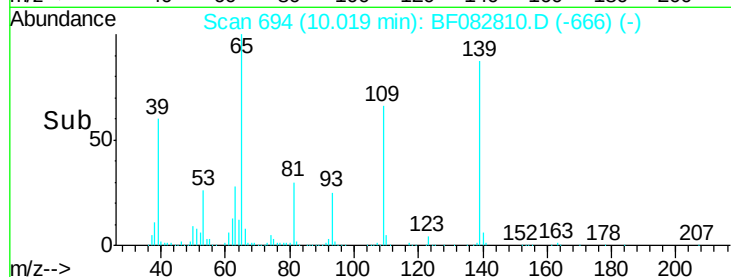
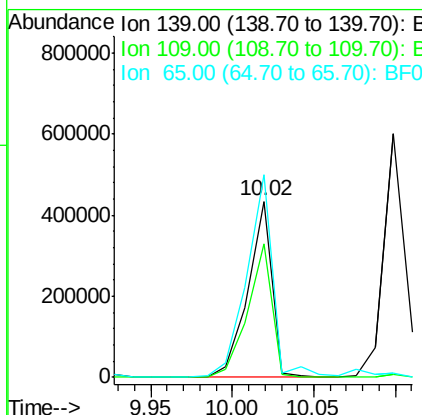
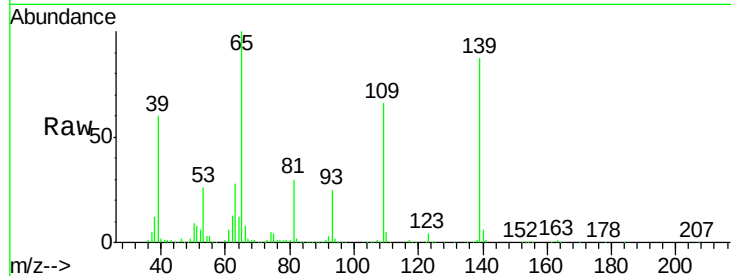




#55
4-Nitrophenol
Concen: 74.60 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

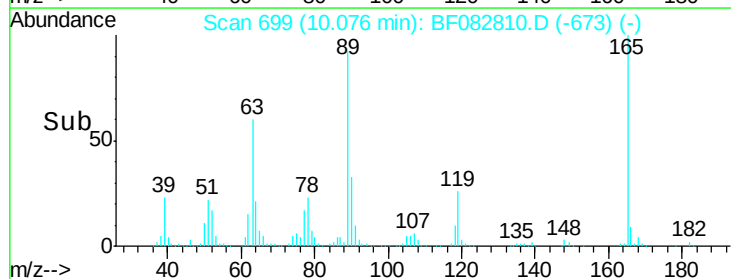
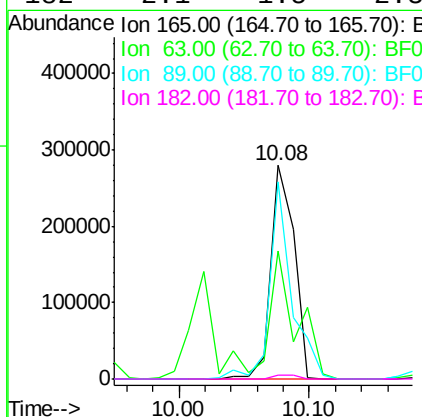
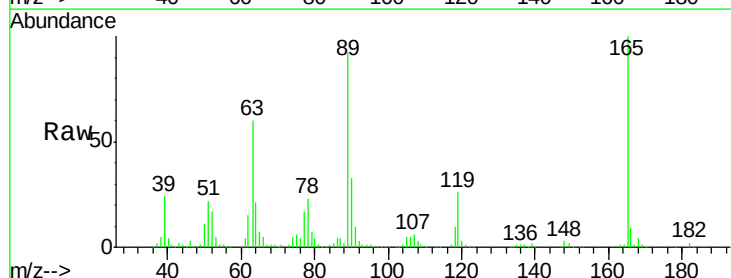
Instrument :
BNA_F
ClientSampleId :
T-14CMS

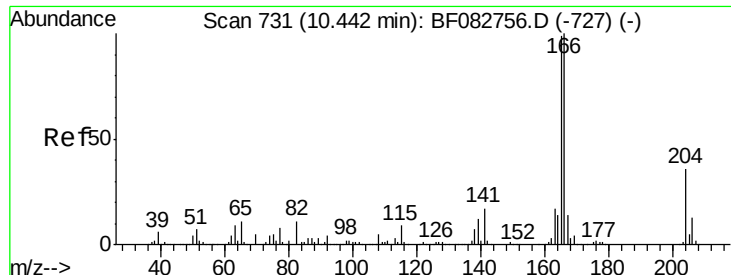
Tgt Ion:139 Resp: 447018
Ion Ratio Lower Upper
139 100
109 76.0 73.7 113.7
65 114.7 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 36.54 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:165 Resp: 352047
Ion Ratio Lower Upper
165 100
63 60.0 43.4 65.0
89 92.4 70.6 106.0
182 2.1 1.5 2.3

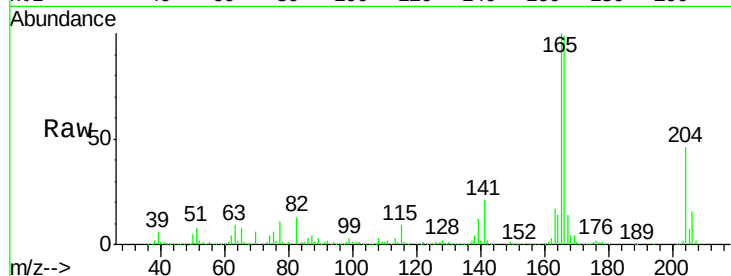




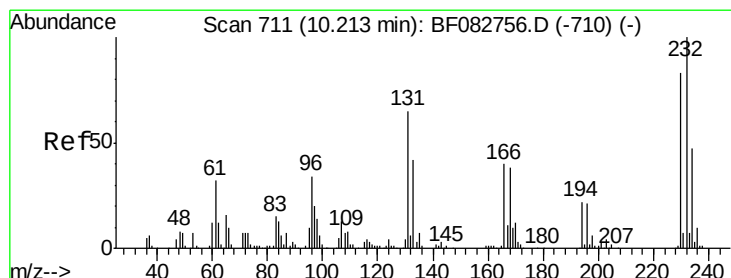
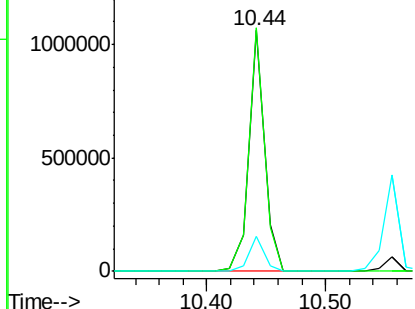
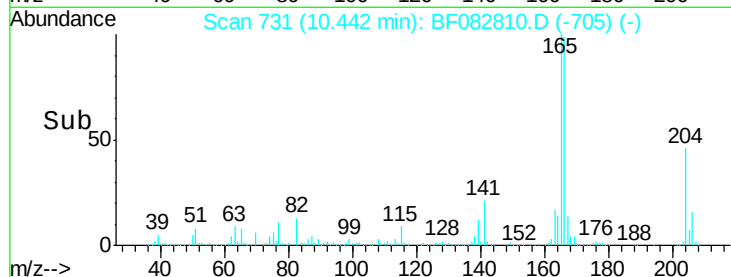
#57
 Fluorene
 Concen: 33.51 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampled :
 T-14CMS

Tgt Ion:166 Resp: 988298
 Ion Ratio Lower Upper
 166 100
 165 101.1 80.2 120.4
 167 14.3 11.2 16.8

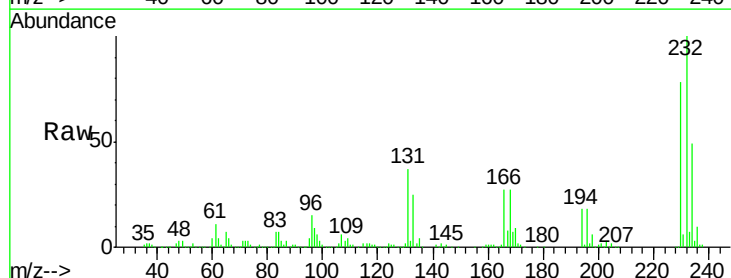


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

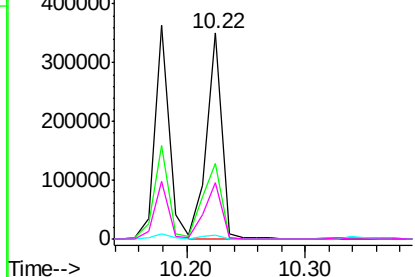
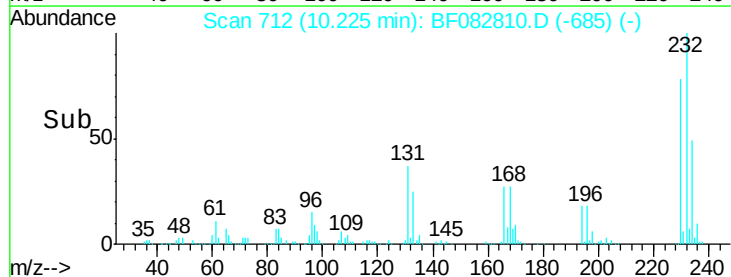


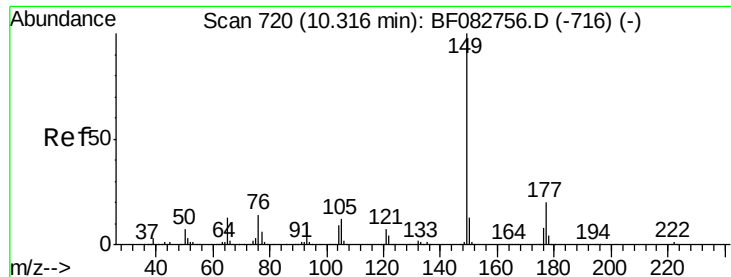
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.70 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:232 Resp: 311326
 Ion Ratio Lower Upper
 232 100
 131 45.1 46.2 69.2#
 130 2.0 2.4 3.6#
 166 30.7 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

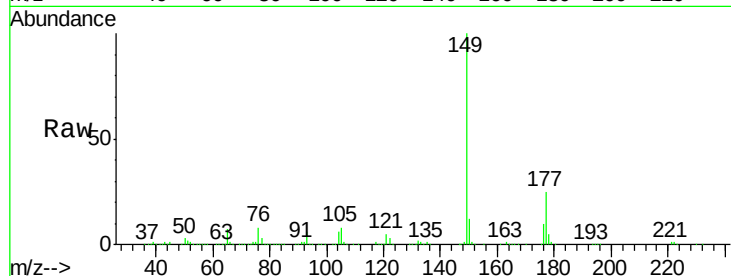




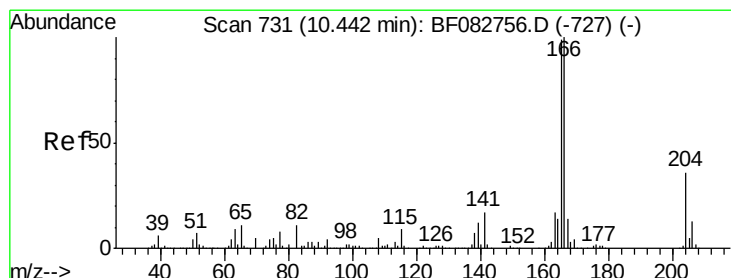
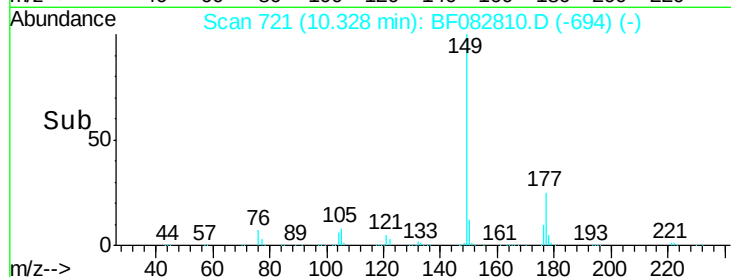
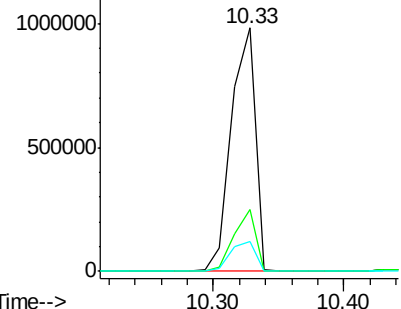
#59
Diethylphthalate
Concen: 38.70 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:149 Resp: 1257800
Ion Ratio Lower Upper
149 100
177 25.1 17.9 26.9
150 12.4 10.1 15.1

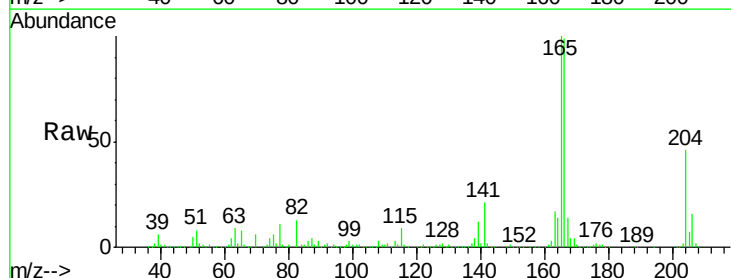


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

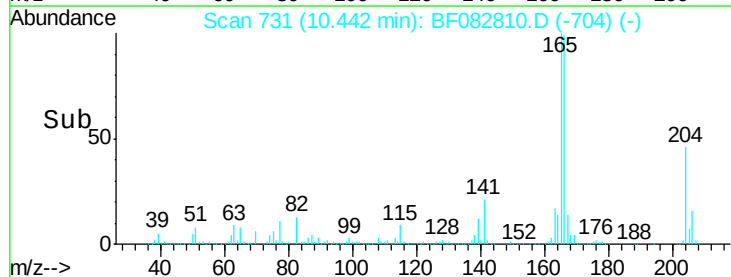
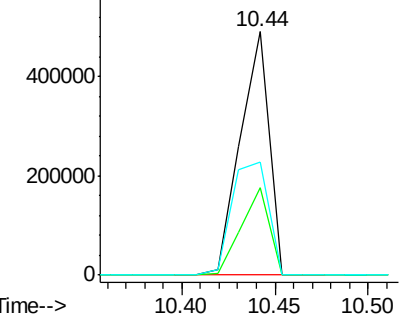


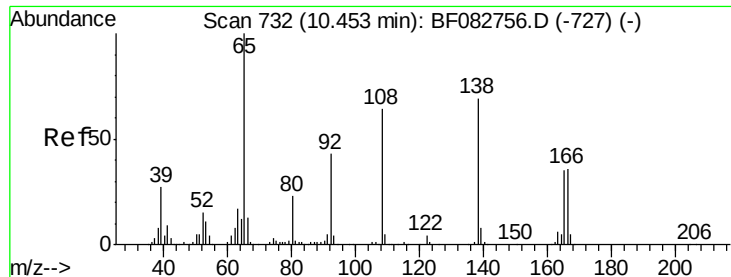
#60
4-Chlorophenyl-phenylether
Concen: 35.49 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:204 Resp: 523681
Ion Ratio Lower Upper
204 100
206 36.1 28.5 42.7
141 46.2 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

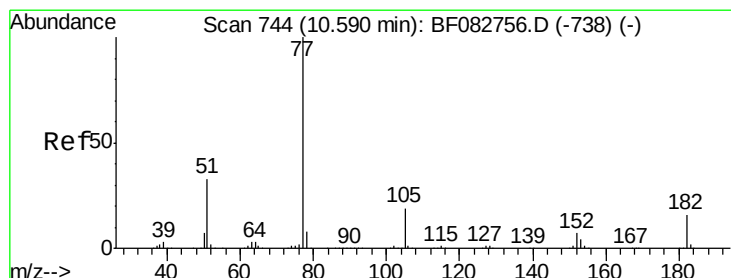
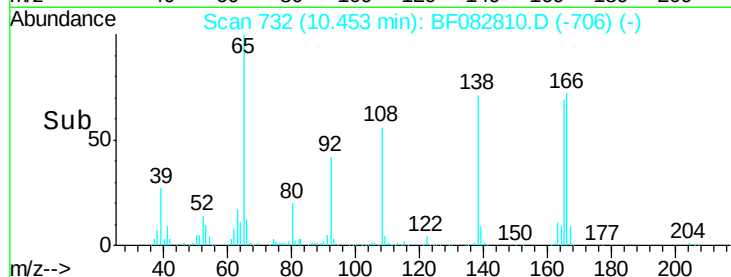
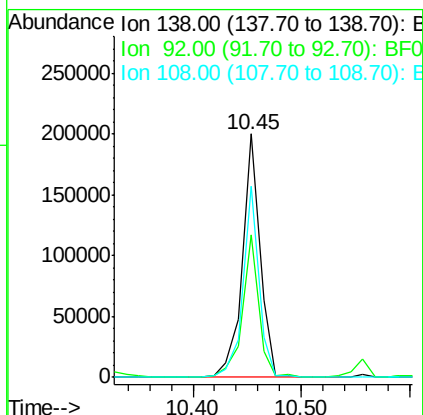
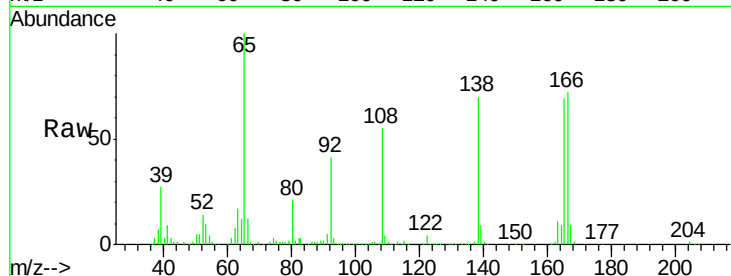




#61
4-Nitroaniline
Concen: 28.69 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

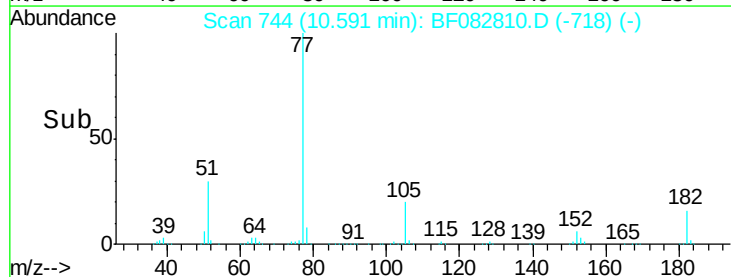
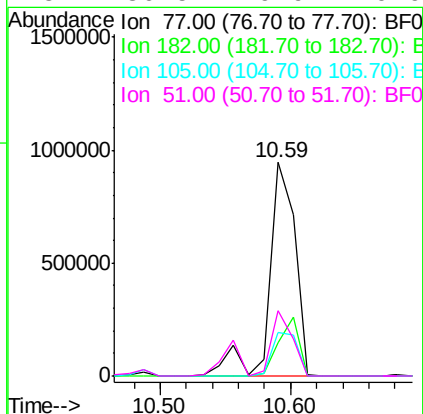
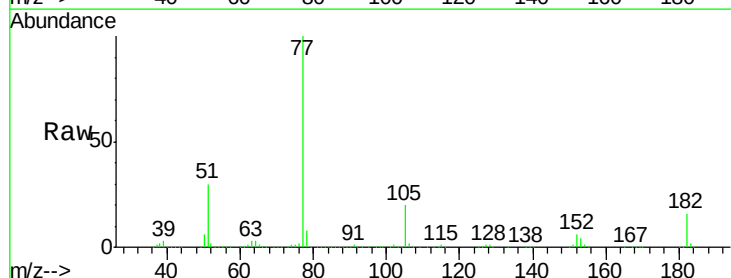
Instrument :
BNA_F
ClientSampleId :
T-14CMS

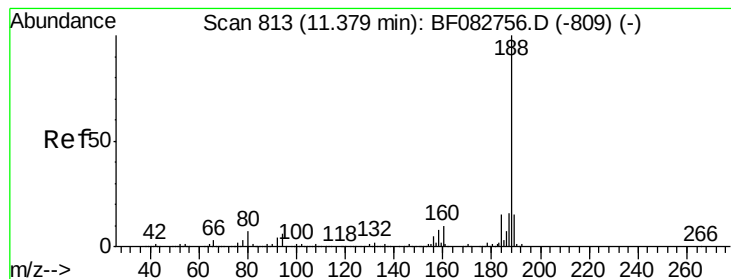
Tgt Ion:138 Resp: 225355
Ion Ratio Lower Upper
138 100
92 58.7 45.8 85.8
108 78.6 89.4 129.4#



#62
Azobenzene
Concen: 37.81 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion: 77 Resp: 1319825
Ion Ratio Lower Upper
77 100
182 15.8 9.3 49.3
105 20.3 2.6 42.6
51 30.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

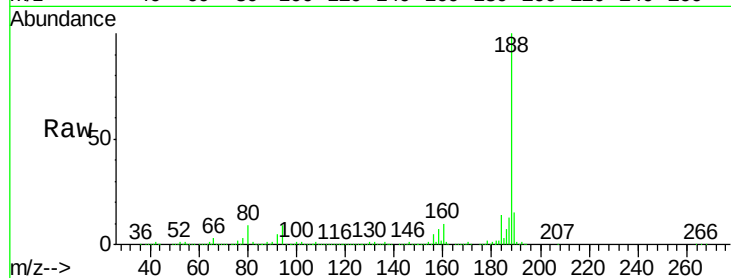
Tgt Ion:188 Resp: 671538

Ion Ratio Lower Upper

188 100

94 8.5 6.1 9.1

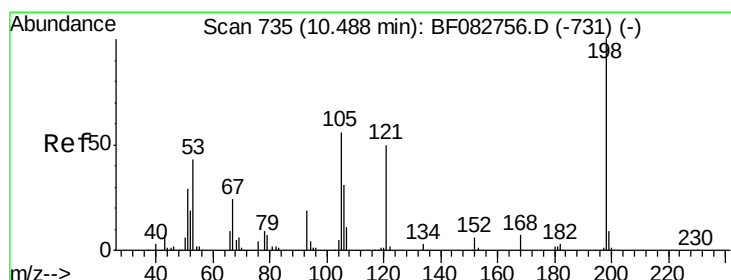
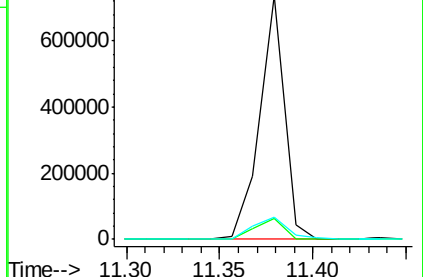
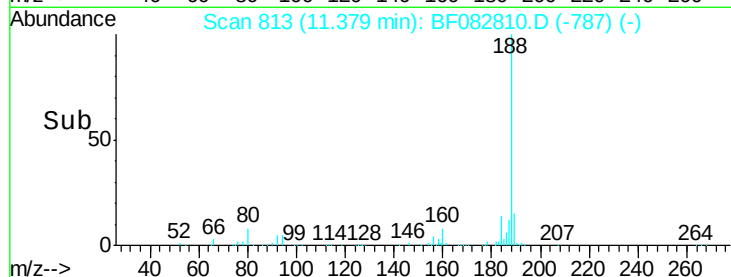
80 9.1 7.0 10.6



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: 12.73 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

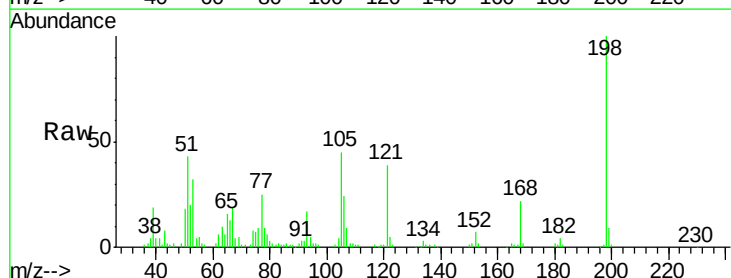
Tgt Ion:198 Resp: 60903

Ion Ratio Lower Upper

198 100

51 43.1 17.3 57.3

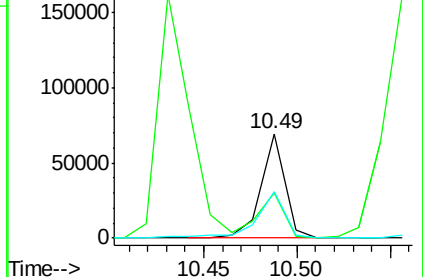
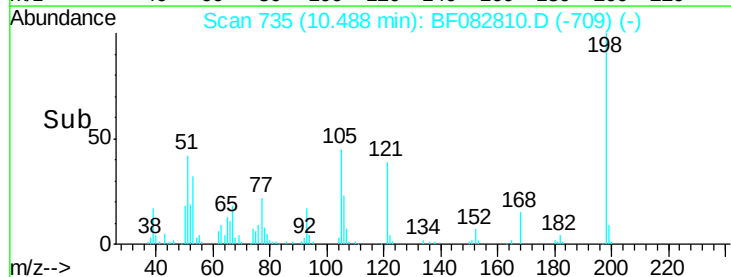
105 44.6 21.7 61.7

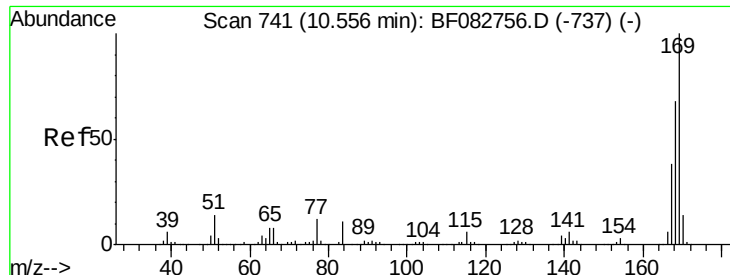


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

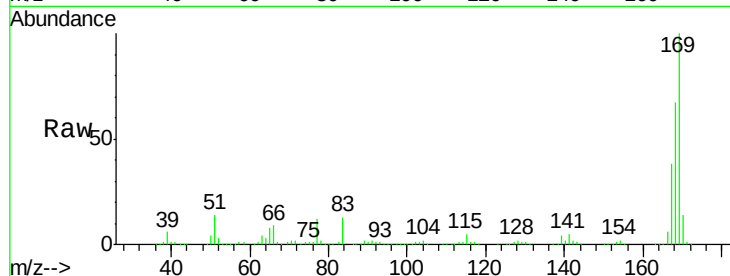




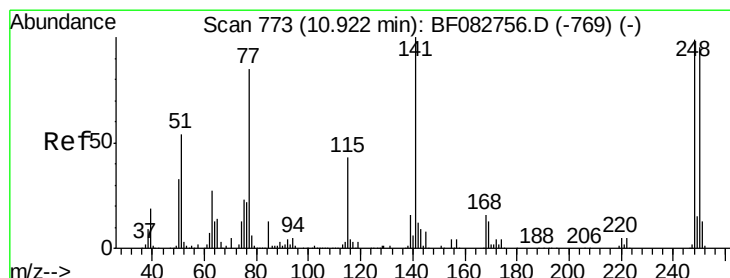
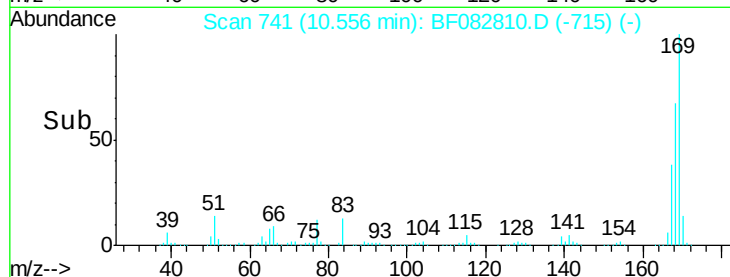
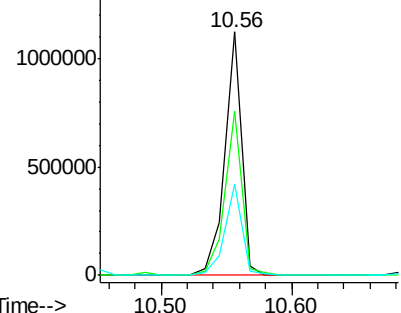
#65
n-Nitrosodiphenylamine
Concen: 40.86 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tgt Ion:169 Resp: 991270
Ion Ratio Lower Upper
169 100
168 67.3 55.0 82.6
167 37.7 30.5 45.7

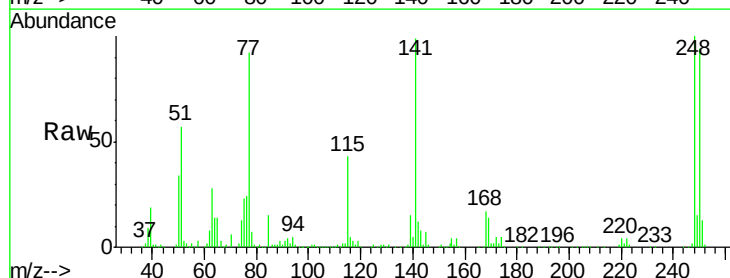


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

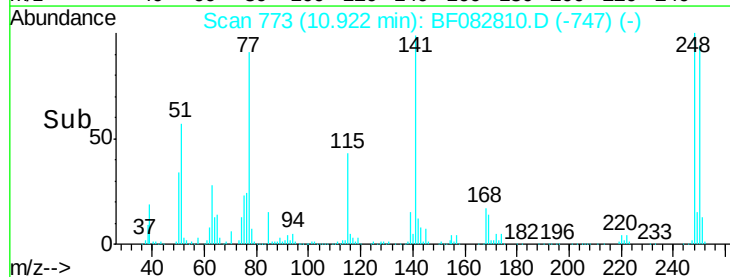
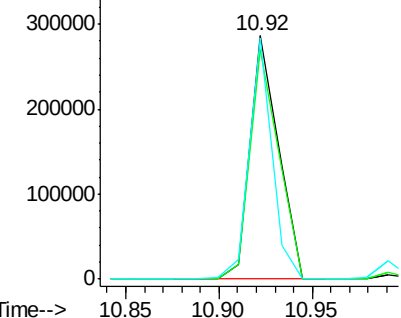


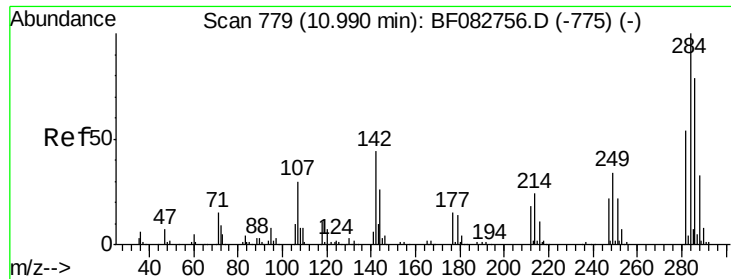
#66
4-Bromophenyl-phenylether
Concen: 37.16 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:248 Resp: 300444
Ion Ratio Lower Upper
248 100
250 94.4 79.4 119.2
141 99.1 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: 35.11 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

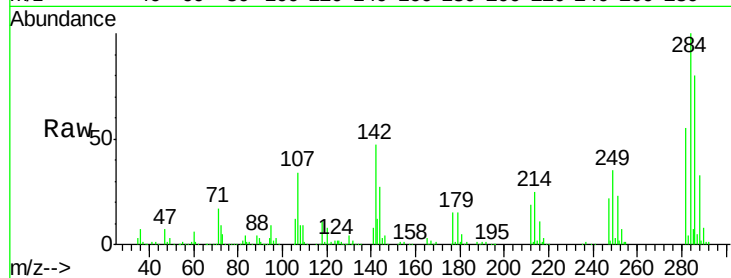
Tgt Ion:284 Resp: 316965

Ion Ratio Lower Upper

284 100

142 47.5 47.9 71.9#

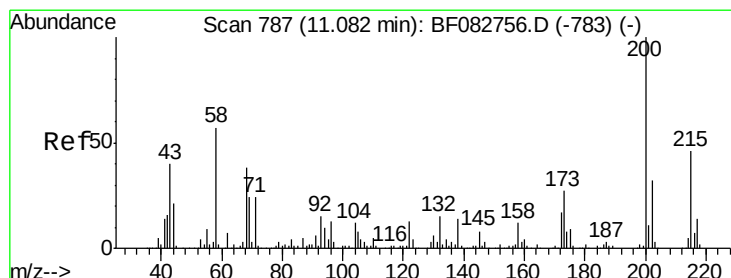
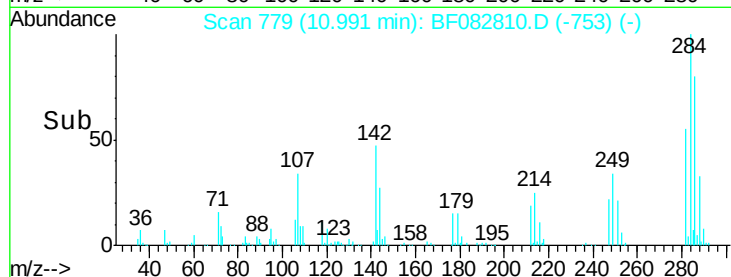
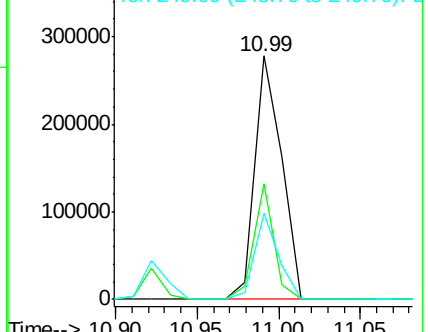
249 35.3 29.7 44.5



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: 36.56 ng

RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

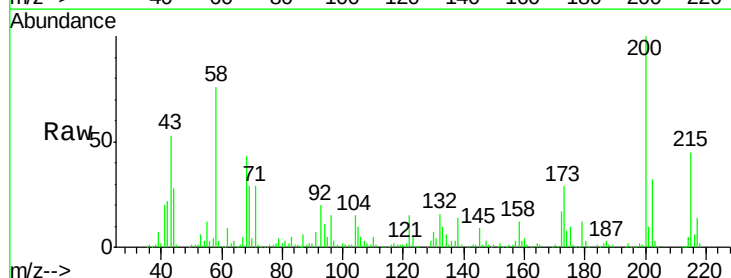
Tgt Ion:200 Resp: 274272

Ion Ratio Lower Upper

200 100

173 28.6 6.9 46.9

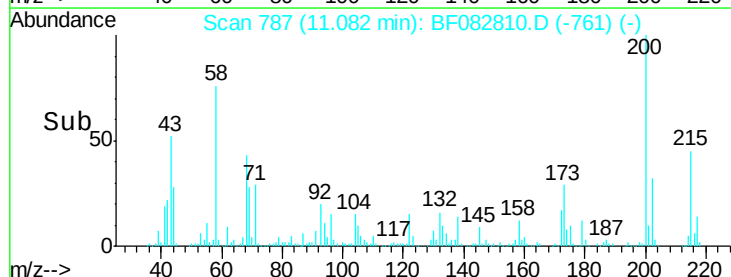
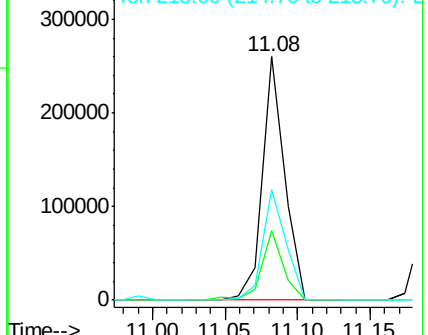
215 45.2 22.9 62.9

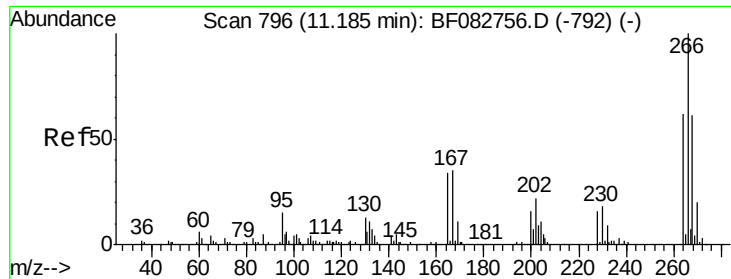


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

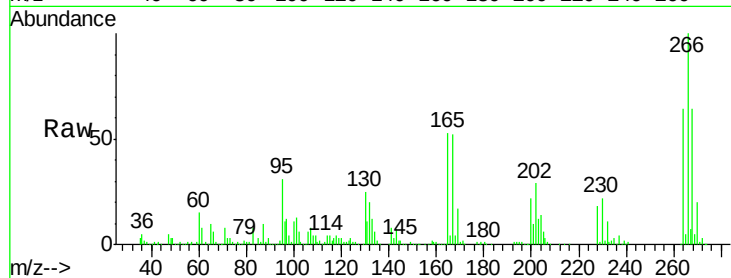




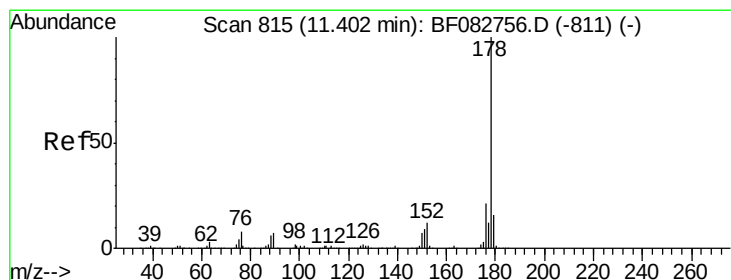
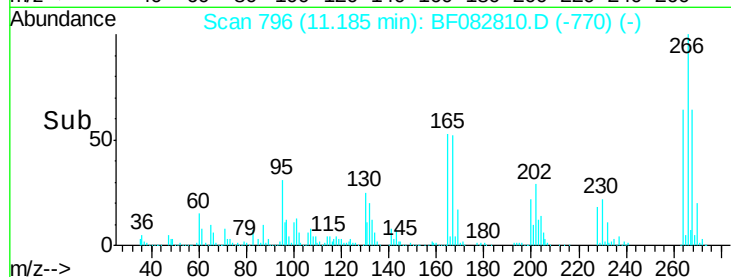
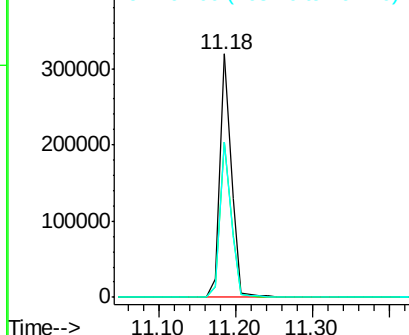
#69
 Pentachlorophenol
 Concen: 61.53 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tgt Ion:266 Resp: 337376
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 63.9 50.6 75.8

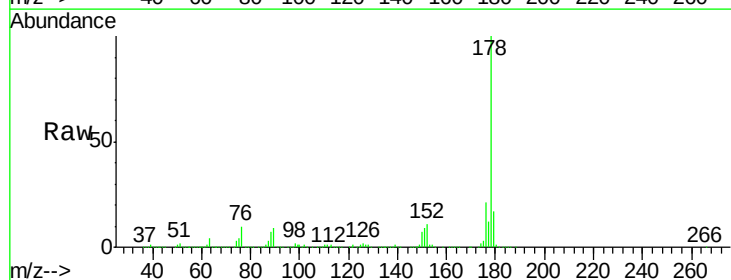


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

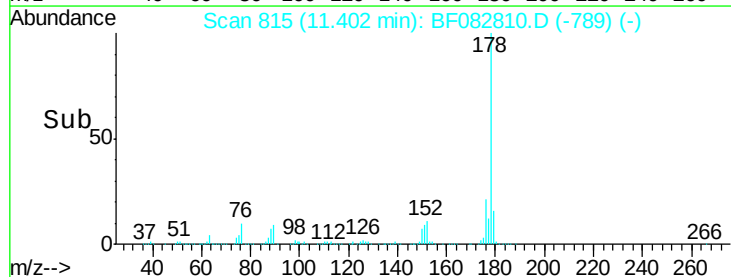
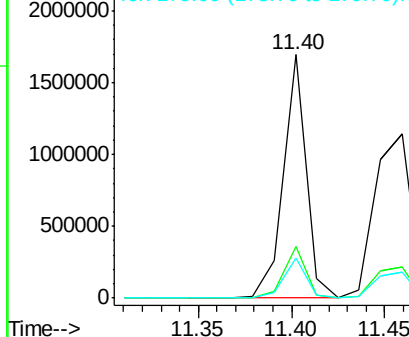


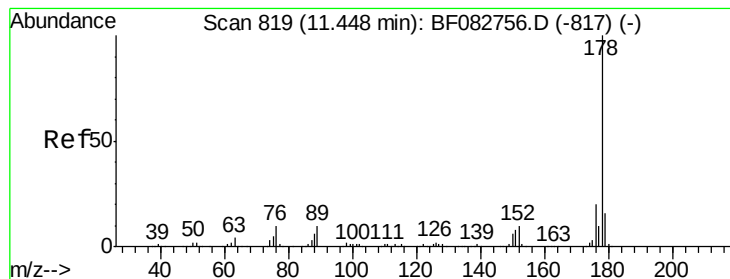
#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:178 Resp: 1448742
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.0 25.4
 179 16.7 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: 36.30 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

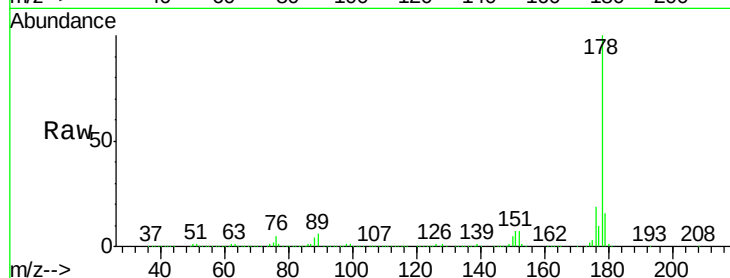
Tgt Ion:178 Resp: 1491048

Ion Ratio Lower Upper

178 100

176 19.0 16.5 24.7

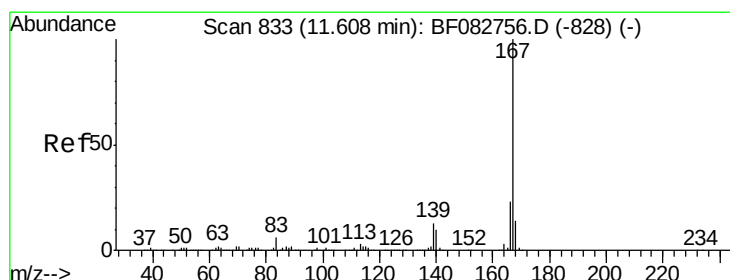
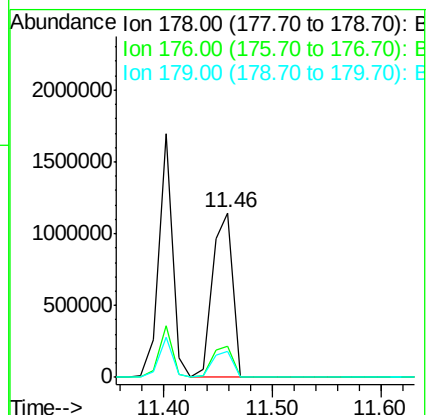
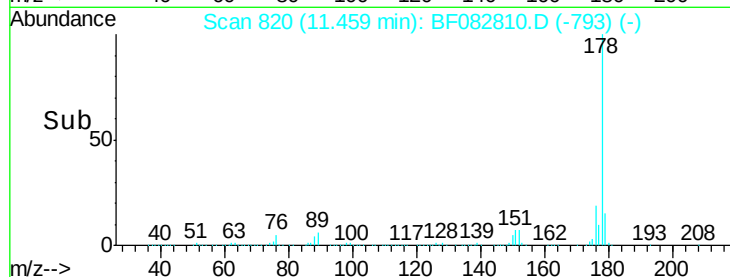
179 15.7 13.2 19.8



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: 36.24 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

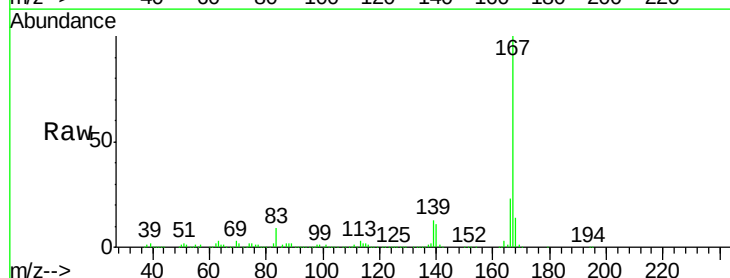
Tgt Ion:167 Resp: 1303269

Ion Ratio Lower Upper

167 100

166 22.8 18.7 28.1

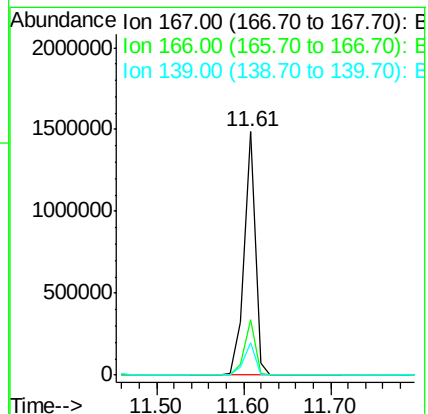
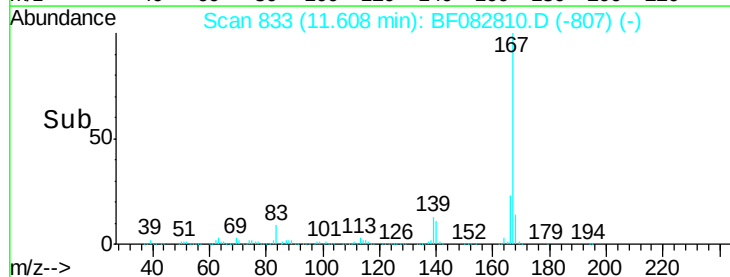
139 13.5 11.8 17.6

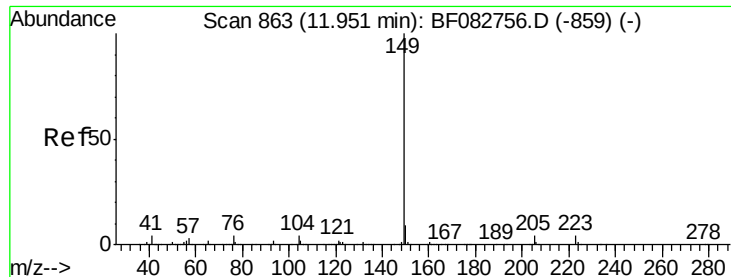


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.13 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

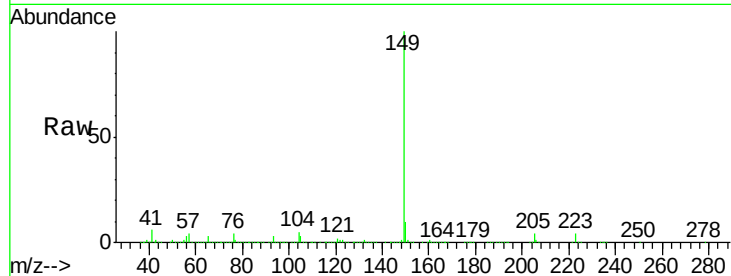
Tgt Ion:149 Resp: 1663477

Ion Ratio Lower Upper

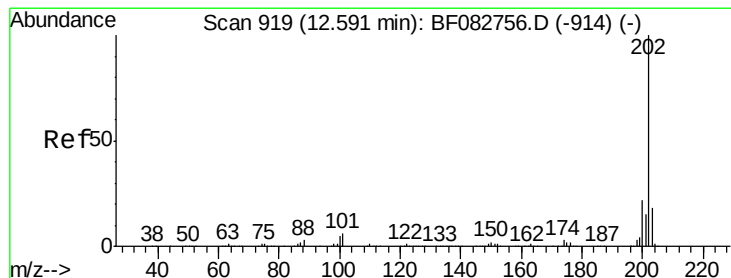
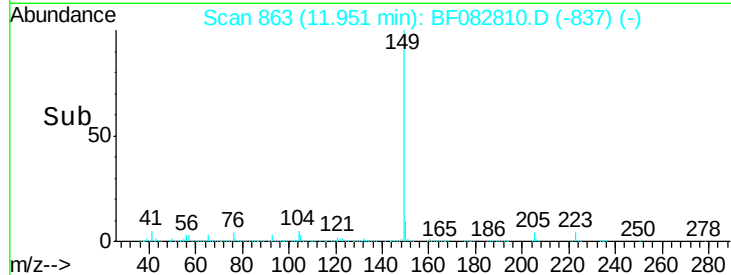
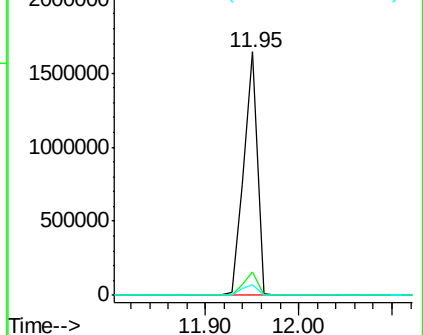
149 100

150 9.5 8.1 12.1

104 4.5 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.99 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

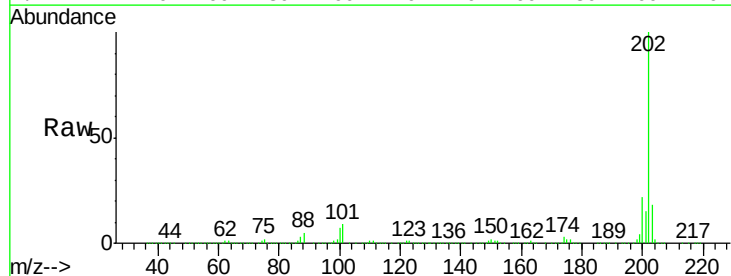
Tgt Ion:202 Resp: 1505922

Ion Ratio Lower Upper

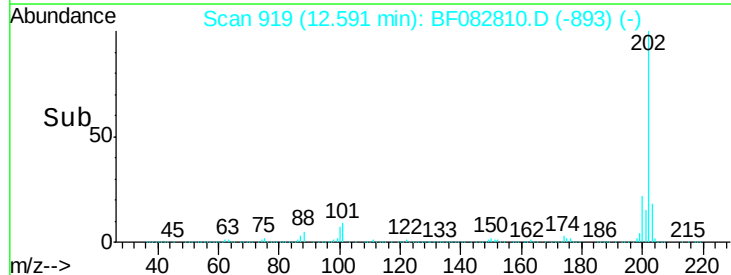
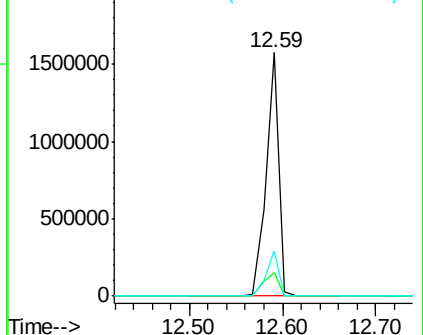
202 100

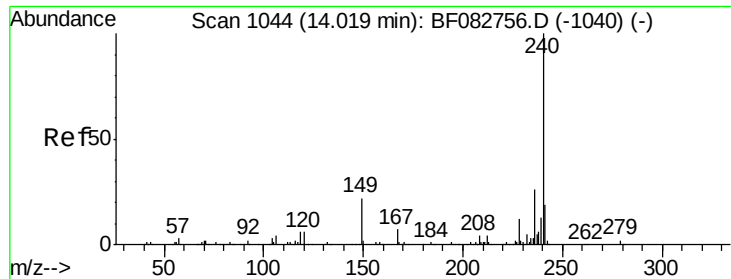
101 9.4 0.0 30.5

203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

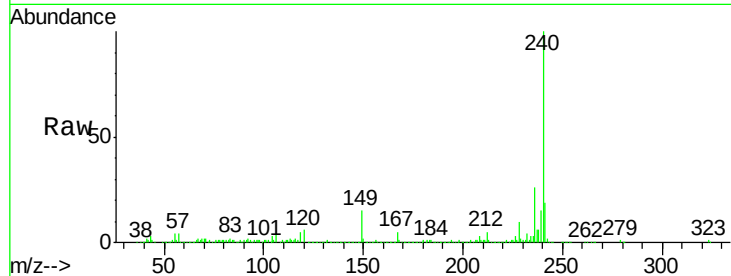
Tgt Ion:240 Resp: 474392

Ion Ratio Lower Upper

240 100

120 5.8 10.9 16.3#

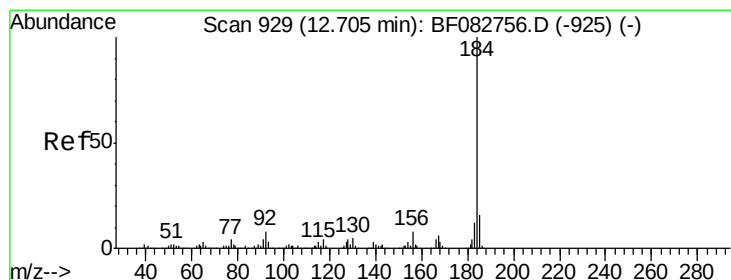
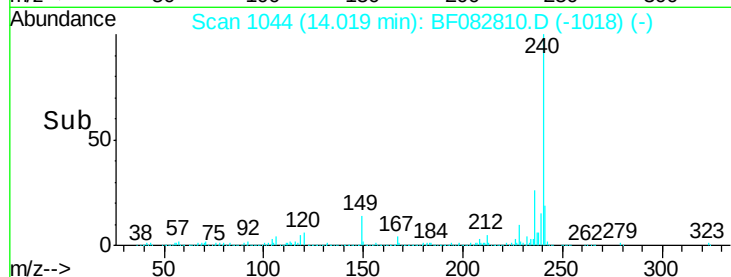
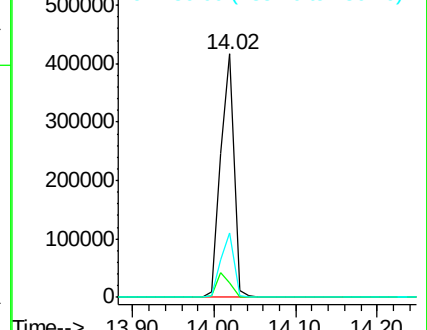
236 26.3 21.6 32.4



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: 32.48 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

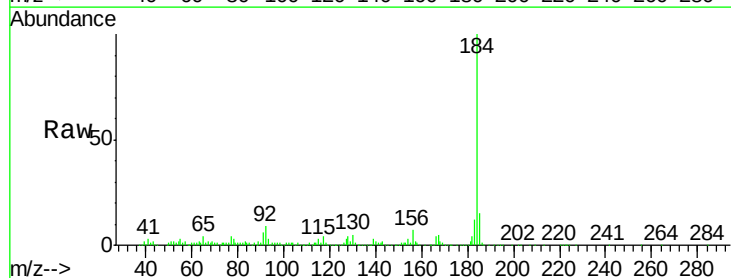
Tgt Ion:184 Resp: 516396

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

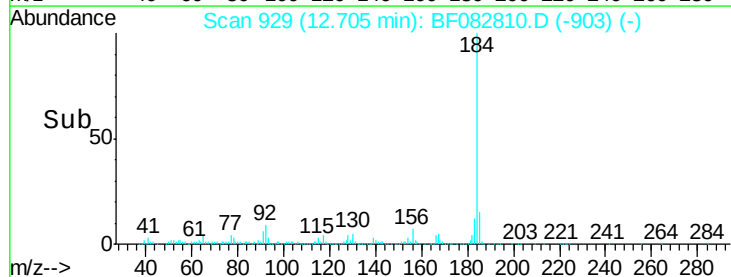
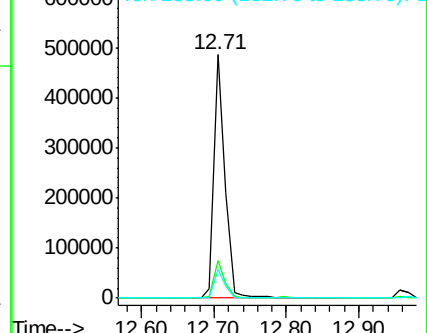
183 11.7 9.6 14.4

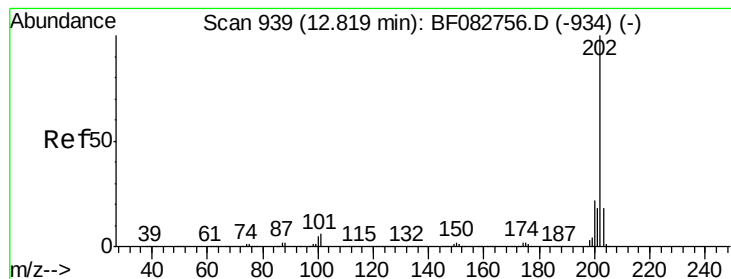


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.89 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

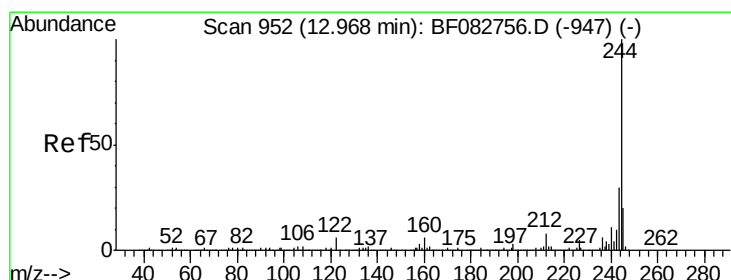
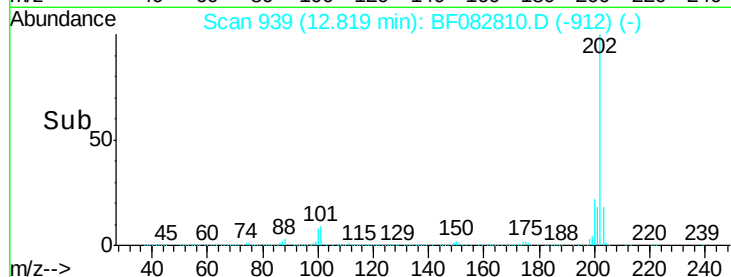
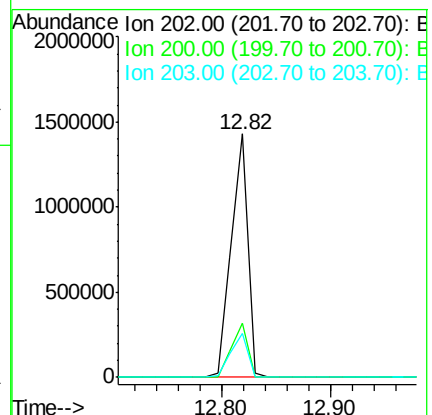
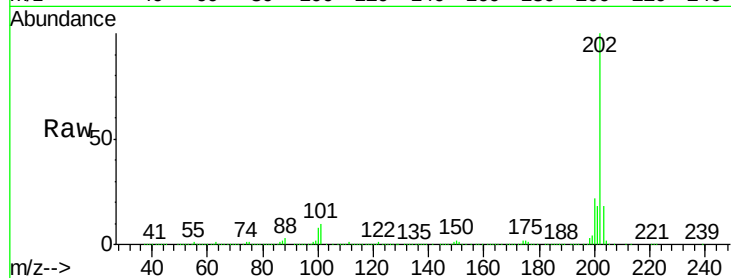
Tgt Ion:202 Resp: 1494925

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

203 18.2 14.8 22.2



#78

Terphenyl-d14

Concen: 69.06 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

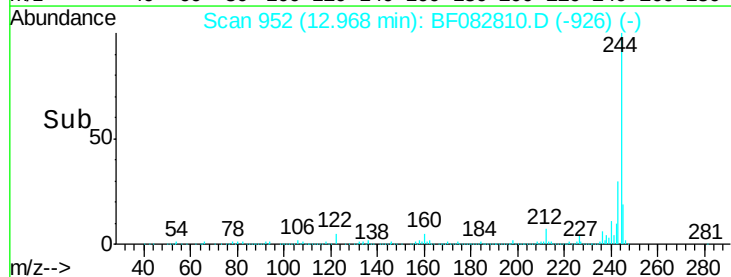
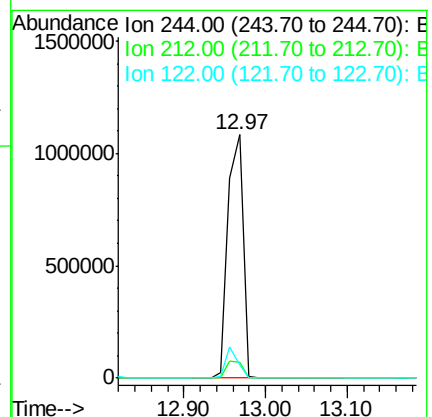
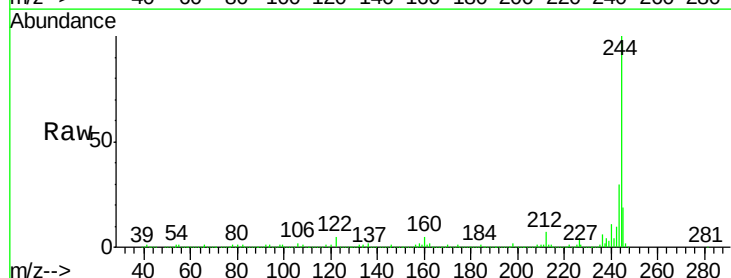
Tgt Ion:244 Resp: 1381287

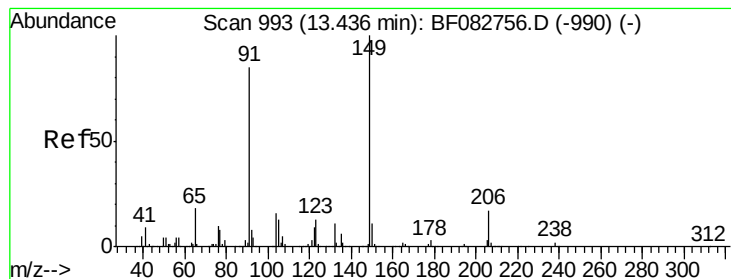
Ion Ratio Lower Upper

244 100

212 6.6 7.6 11.4#

122 5.5 11.3 16.9#





#79

Butylbenzylphthalate

Concen: 41.28 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

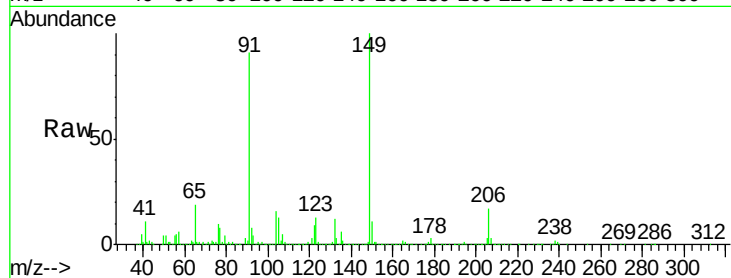
Tgt Ion:149 Resp: 594068

Ion Ratio Lower Upper

149 100

91 91.1 67.7 101.5

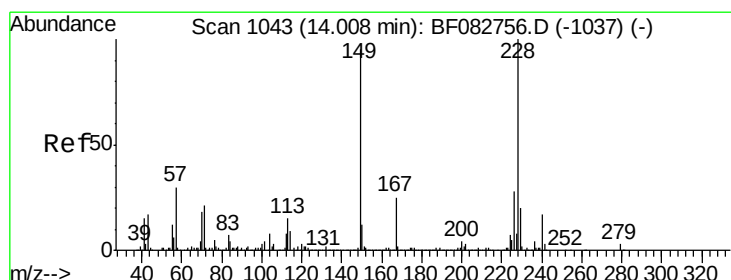
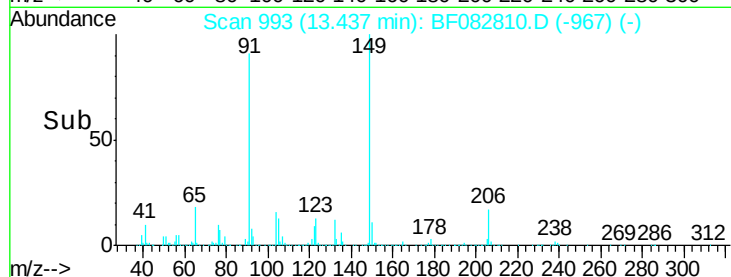
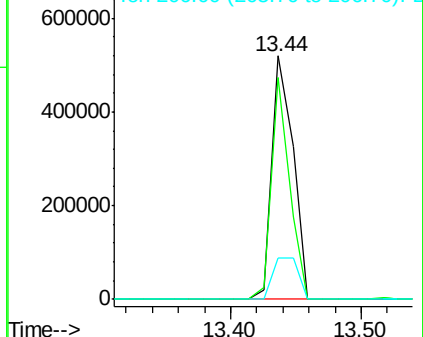
206 17.1 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.06 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

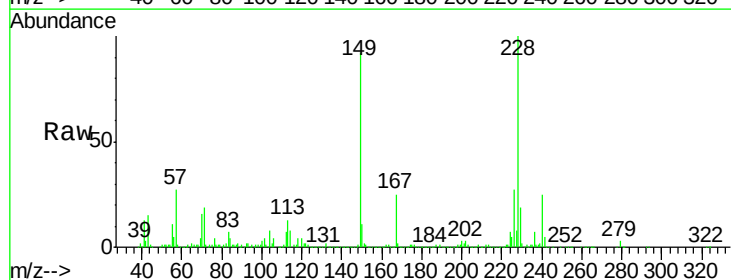
Tgt Ion:228 Resp: 1218129

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.2

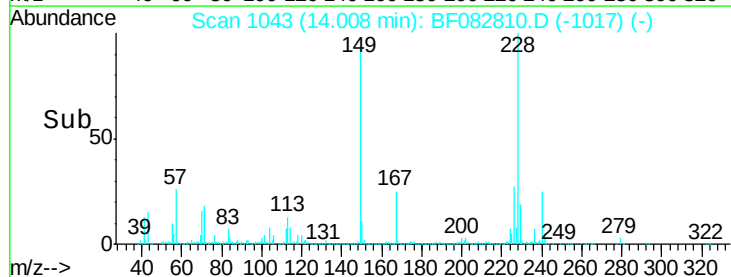
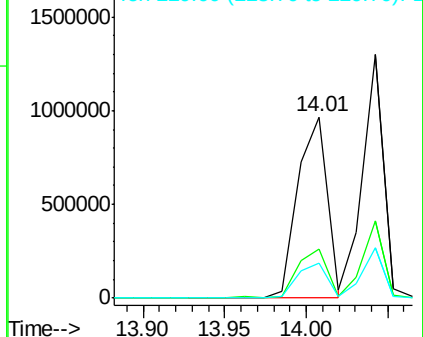
229 19.5 16.3 24.5

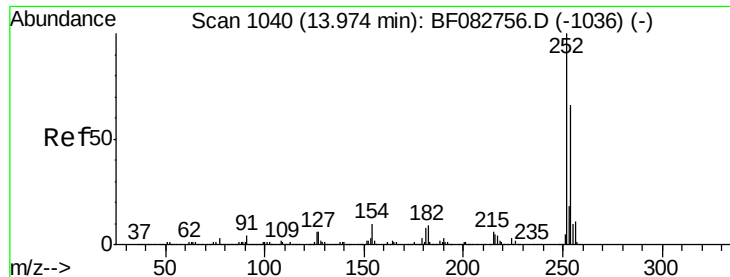


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

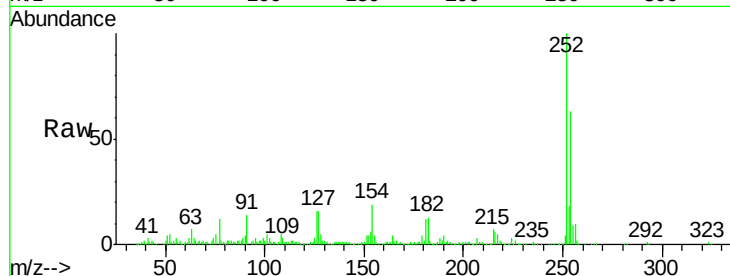




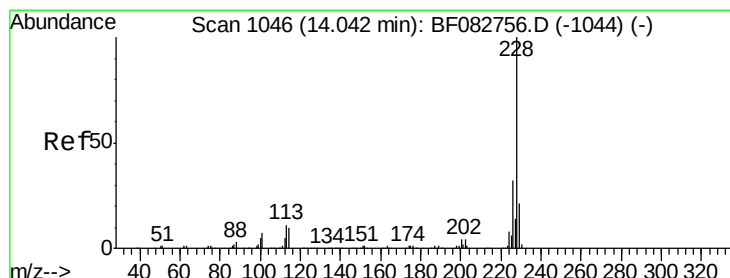
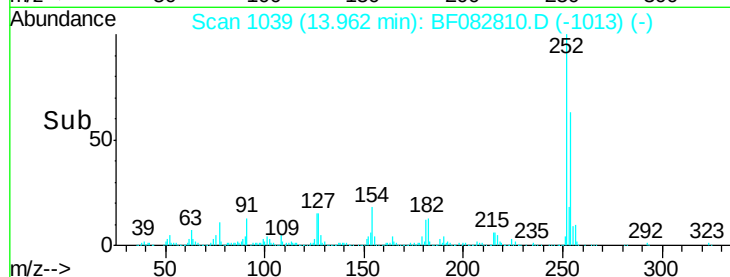
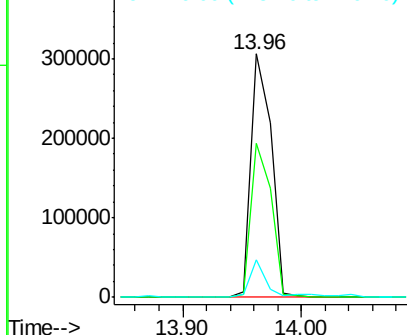
#81
 3,3'-Dichlorobenzidine
 Concen: 35.28 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tgt Ion:252 Resp: 372106
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.0
 126 15.6 10.7 16.1

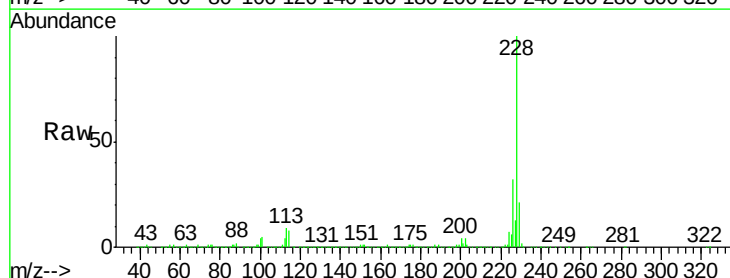


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

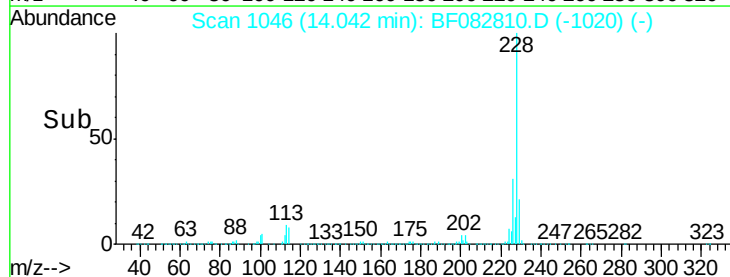
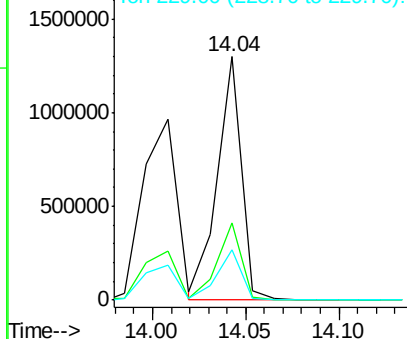


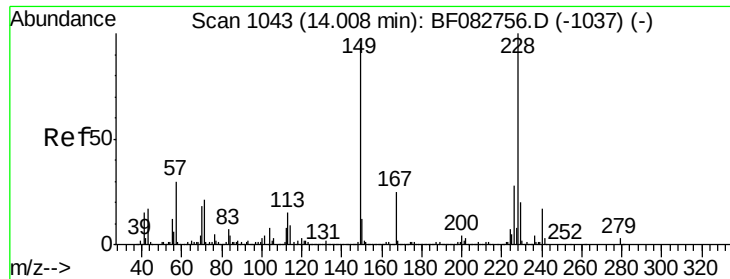
#82
 Chrysene
 Concen: 43.15 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:228 Resp: 1172429
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 20.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

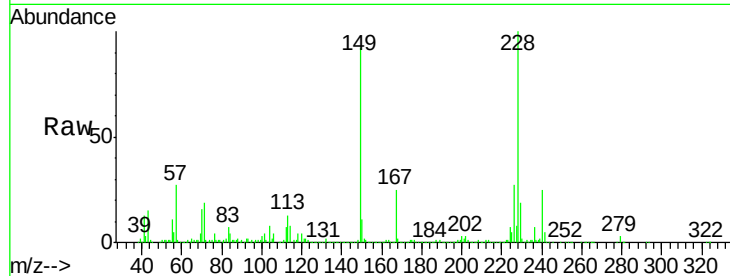




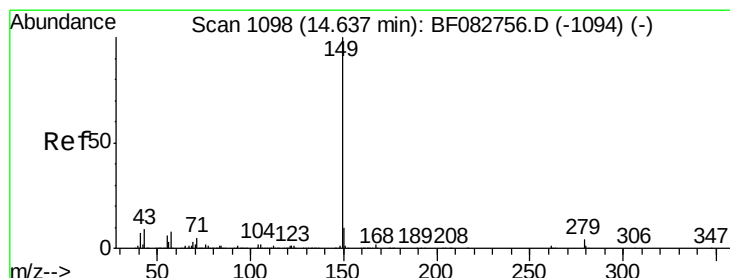
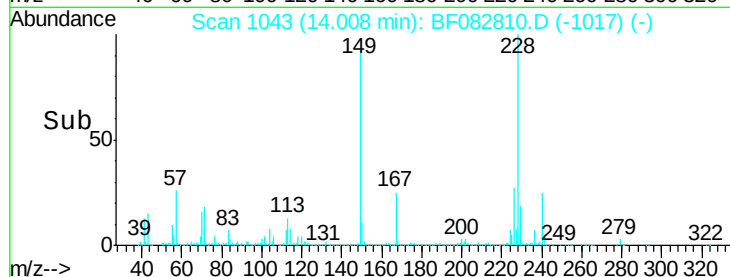
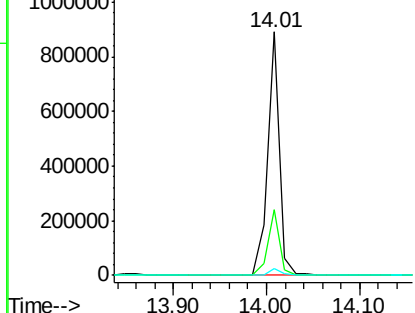
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tgt Ion:149 Resp: 785716
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.2 31.8
 279 3.0 2.2 3.2

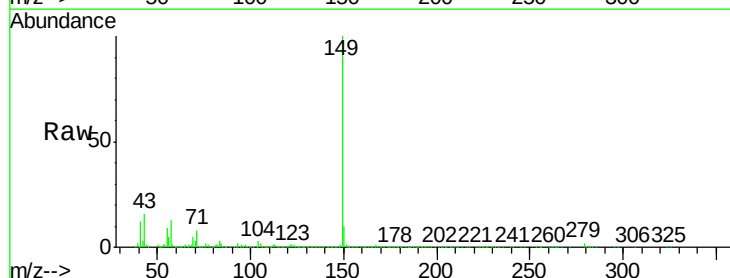


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

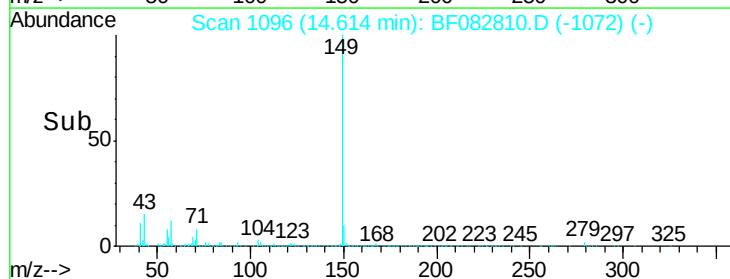
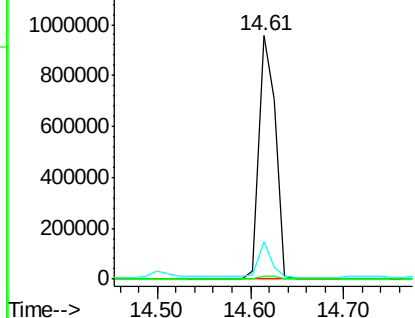


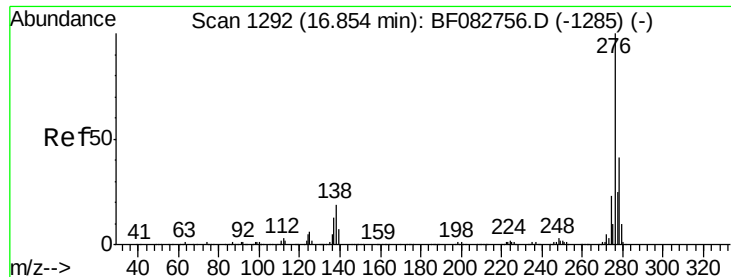
#84
 Di-n-octyl phthalate
 Concen: 35.66 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:149 Resp: 1171826
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 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: 32.32 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

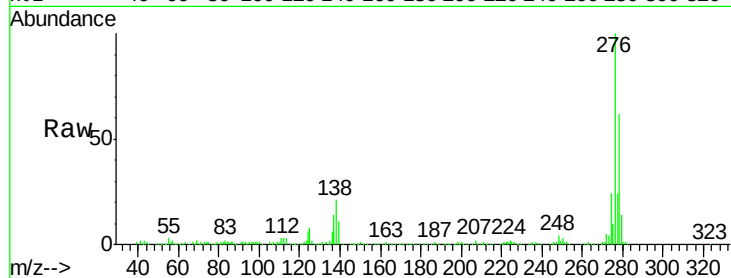
Tgt Ion:276 Resp: 756202

Ion Ratio Lower Upper

276 100

138 19.5 15.3 22.9

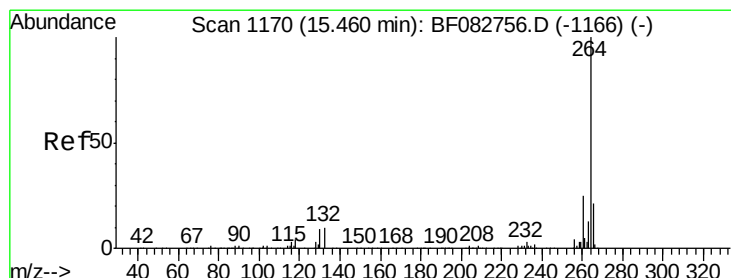
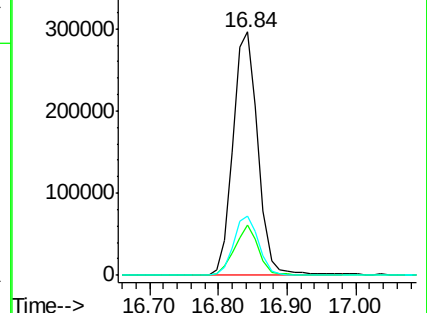
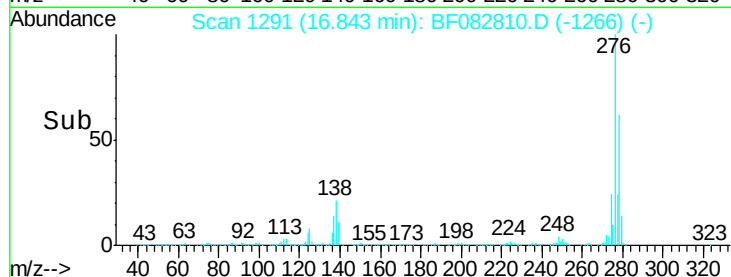
277 24.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

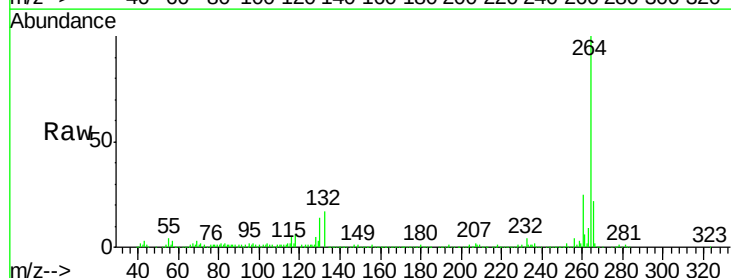
Tgt Ion:264 Resp: 400883

Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.6

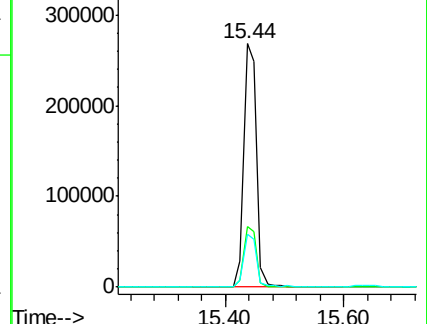
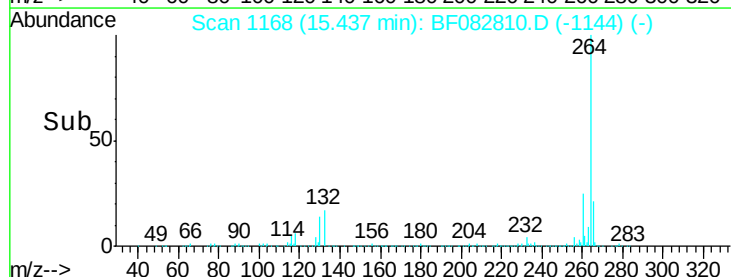
265 21.5 17.4 26.0

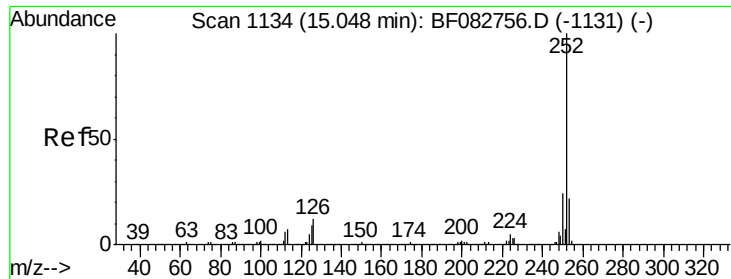


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

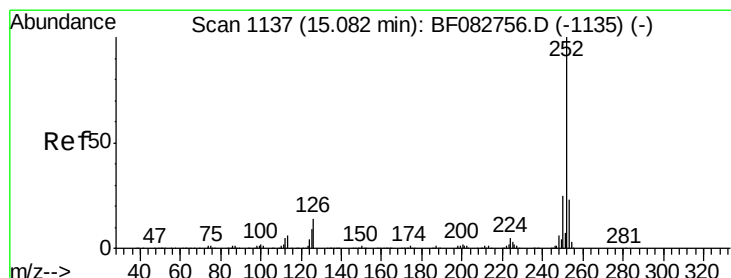
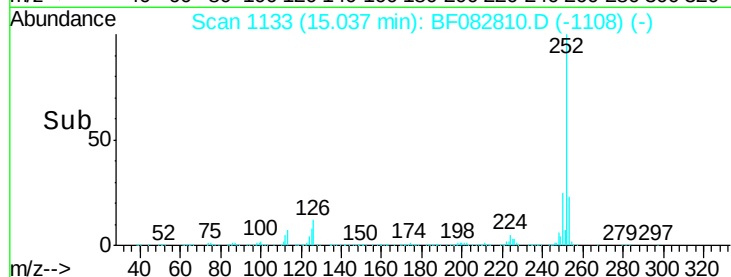
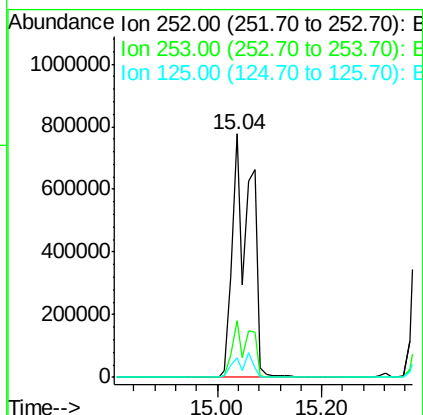
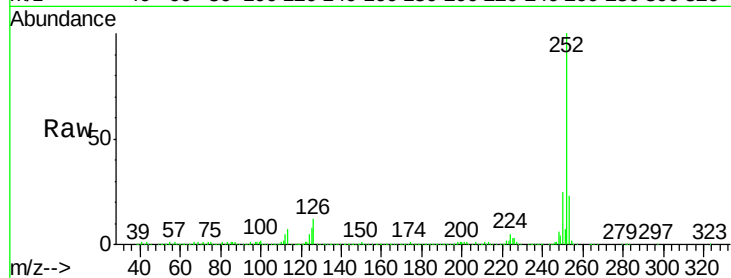




#87
Benzo(b)fluoranthene
Concen: 73.94 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

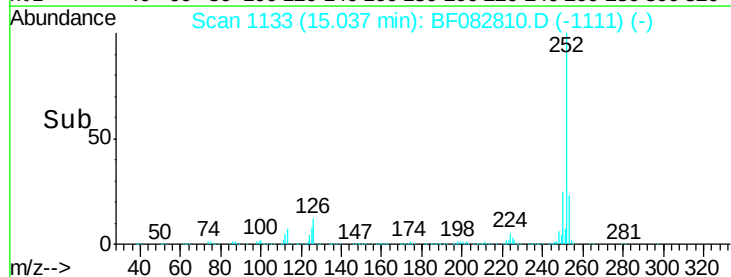
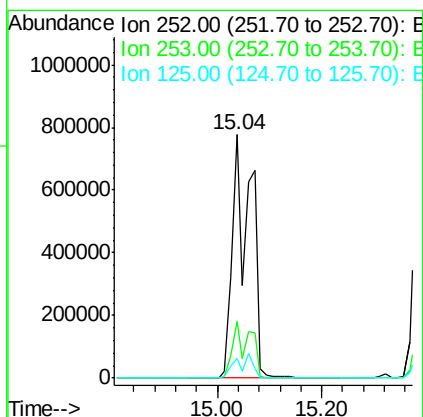
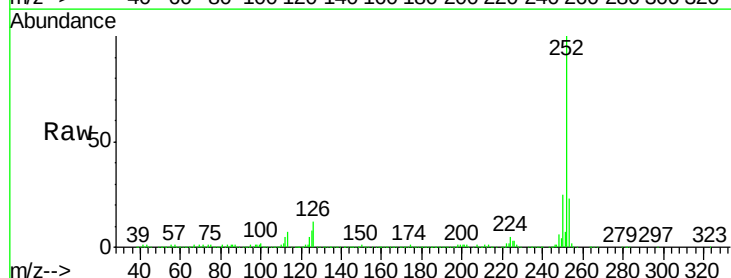
Instrument :
BNA_F
ClientSampleId :
T-14CMS

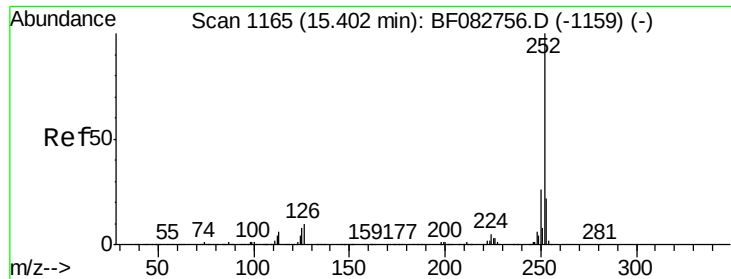
Tgt Ion:252 Resp: 1902527
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 8.2 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 83.35 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:252 Resp: 1902527
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 8.2 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 41.21 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

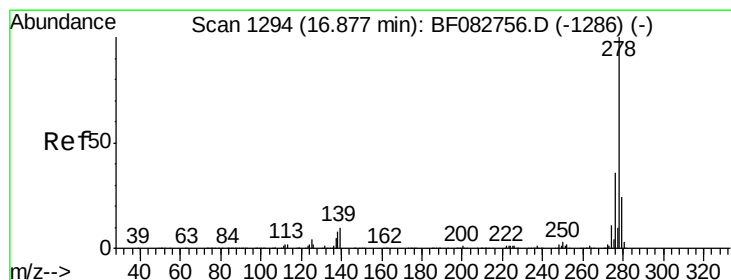
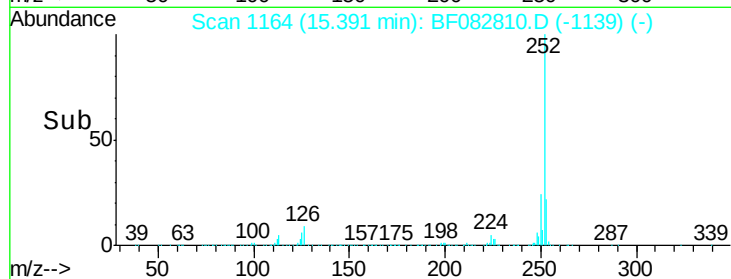
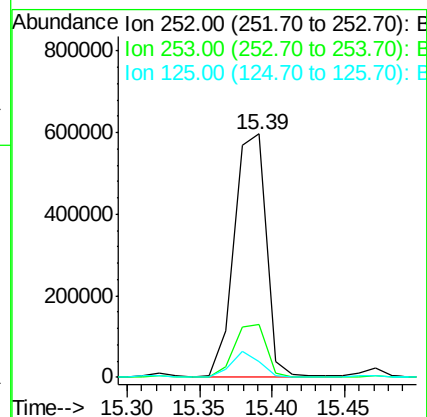
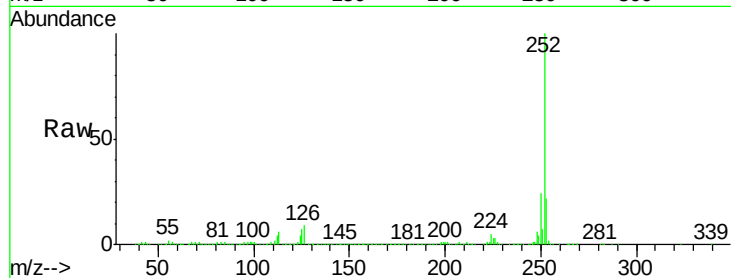
Tgt Ion:252 Resp: 918724

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 6.6 7.1 10.7#



#90

Dibenzo(a,h)anthracene

Concen: 33.93 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

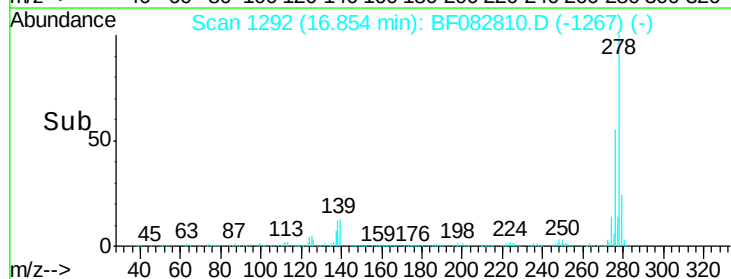
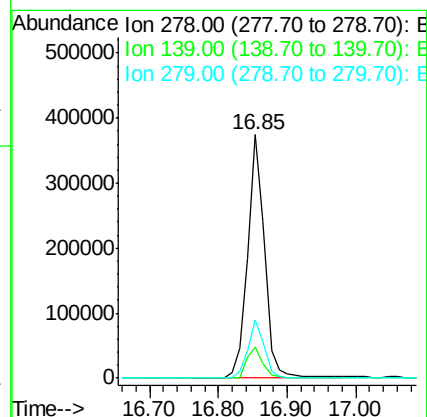
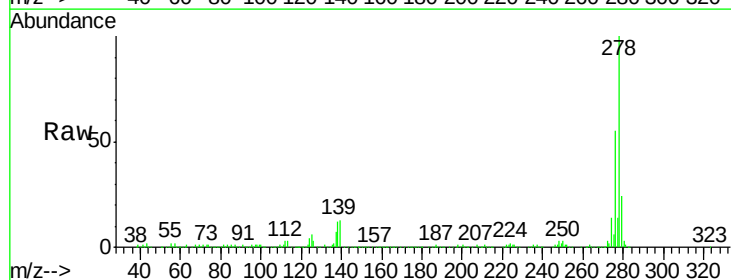
Tgt Ion:278 Resp: 640462

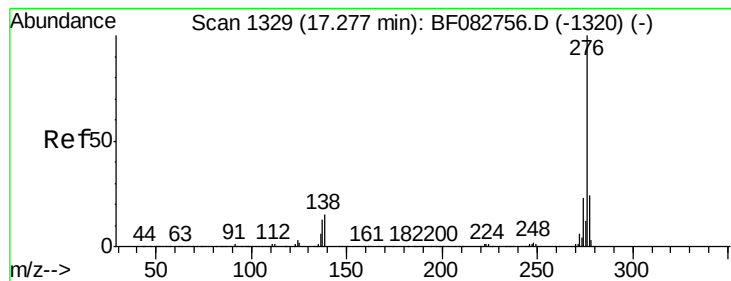
Ion Ratio Lower Upper

278 100

139 13.0 9.9 14.9

279 24.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 32.98 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tgt Ion: 276 Resp: 596335

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 18.3 13.1 19.7

