

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082888.D
 Acq On : 11 Nov 2015 00:09
 Operator : UM/IZ
 Sample : G4246-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Quant Time: Nov 13 18:25:48 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	6.82	152	288116	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	1108306	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	539536	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	1016656	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	701466	20.00	ng	-0.03
86) Perylene-d12	15.40	264	641463	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2217791	119.77	ng	-0.01
7) Phenol-d6	6.46	99	3024565	122.86	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1983812	77.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	704370	113.86	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	2333886	62.00	ng	-0.03
78) Terphenyl-d14	12.93	244	2242722	75.83	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	294011	36.80	ng	97
3) Pyridine	3.15	79	772903	33.34	ng	94
4) n-Nitrosodimethylamine	3.10	42	423337	36.82	ng	# 74
6) Aniline	6.48	93	886274	25.64	ng	# 12
8) 2-Chlorophenol	6.61	128	810418	39.48	ng	98
9) Benzaldehyde	6.35	77	271866	19.99	ng	96
10) Phenol	6.49	94	1083767	38.80	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	810949	38.82	ng	93
12) 1,3-Dichlorobenzene	6.76	146	864541m	37.34	ng	
13) 1,4-Dichlorobenzene	6.83	146	818047	33.96	ng	98
14) 1,2-Dichlorobenzene	6.99	146	804793	36.74	ng	98
15) Benzyl Alcohol	6.97	79	795639	36.80	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1263532	41.24	ng	96
17) 2-Methylphenol	7.08	107	733065	42.16	ng	97
18) Hexachloroethane	7.33	117	305137	35.42	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	703786	38.89	ng	# 76
20) 3+4-Methylphenols	7.24	107	816129	36.10	ng	# 81
22) Acetophenone	7.23	105	1219669	38.41	ng	# 96
24) Nitrobenzene	7.40	77	876322	33.64	ng	90
25) Isophorone	7.65	82	1872030	39.72	ng	96
26) 2-Nitrophenol	7.72	139	431124	39.65	ng	# 75
27) 2,4-Dimethylphenol	7.77	122	726754	37.20	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	1012542	38.09	ng	99
29) 2,4-Dichlorophenol	7.97	162	764102	43.28	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	746196	37.58	ng	96
31) Naphthalene	8.13	128	2289820	37.45	ng	100
32) Benzoic acid	7.87	122	176413	13.19	ng	90
33) 4-Chloroaniline	8.18	127	409413	15.54	ng	# 85
34) Hexachlorobutadiene	8.26	225	424704	34.18	ng	97
35) Caprolactam	8.56	113	246108m	44.21	ng	
36) 4-Chloro-3-methylphenol	8.67	107	773713	37.26	ng	88
37) 2-Methylnaphthalene	8.82	142	1381829	34.93	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	674093	38.02	ng	97
40) Hexachlorocyclopentadiene	8.98	237	494736	51.94	ng	99

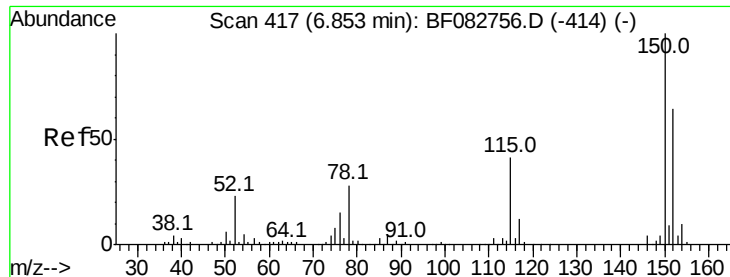
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	556050	42.01	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	541626	41.38	nq #	83
45) 1,1'-Biphenyl	9.29	154	1717468	37.10	nq	96
46) 2-Chloronaphthalene	9.31	162	1402475	38.84	nq	99
47) 2-Nitroaniline	9.40	65	472556	35.27	nq #	83
48) Acenaphthylene	9.72	152	1978651	34.96	nq	99
49) Dimethylphthalate	9.60	163	2272829	51.42	nq	99
50) 2,6-Dinitrotoluene	9.65	165	415529	44.06	nq #	82
51) Acenaphthene	9.89	154	1330145	37.08	nq	99
52) 3-Nitroaniline	9.81	138	267982	25.83	nq #	85
53) 2,4-Dinitrophenol	9.92	184	210824	40.71	nq #	28
54) Dibenzofuran	10.06	168	1825410	37.75	nq	95
55) 4-Nitrophenol	10.00	139	688371	86.50	nq #	75
56) 2,4-Dinitrotoluene	10.05	165	476988	37.27	nq	96
57) Fluorene	10.41	166	1305533	33.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	448958	42.03	nq #	88
59) Diethylphthalate	10.29	149	1582493	36.67	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	741727	37.85	nq	96
61) 4-Nitroaniline	10.43	138	383803	36.79	nq #	78
62) Azobenzene	10.57	77	1915801	41.32	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	260500	35.97	nq	99
65) n-Nitrosodiphenylamine	10.52	169	1258324	34.26	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	443080	36.19	nq #	71
67) Hexachlorobenzene	10.96	284	484824	35.47	nq #	87
68) Atrazine	11.06	200	488161	42.98	nq	96
69) Pentachlorophenol	11.15	266	562369	67.75	nq	98
70) Phenanthrene	11.37	178	1976183	33.47	nq	100
71) Anthracene	11.42	178	2308122	37.11	nq	100
72) Carbazole	11.57	167	1836933	33.74	nq	100
73) Di-n-butylphthalate	11.92	149	2467013	36.37	nq	99
74) Fluoranthene	12.56	202	2234206	35.26	nq	98
76) Benzidine	12.67	184	624375	26.56	nq	99
77) Pyrene	12.79	202	2318030	48.12	nq	99
79) Butylbenzylphthalate	13.41	149	1144963	53.80	nq #	79
80) Benzo(a)anthracene	13.97	228	1719611	39.20	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	454627	29.15	nq #	96
82) Chrysene	14.01	228	1527935	38.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1341863	46.07	nq	98
84) Di-n-octyl phthalate	14.59	149	2476206	50.96	nq	97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1595966	46.12	nq #	95
87) Benzo(b)fluoranthene	15.00	252	1758866m	42.72	nq	
88) Benzo(k)fluoranthene	15.03	252	1090054m	29.84	nq	
89) Benzo(a)pyrene	15.35	252	1380238	38.69	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	1309505	43.35	nq #	97
91) Benzo(g,h,i)perylene	17.20	276	1330123	45.97	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

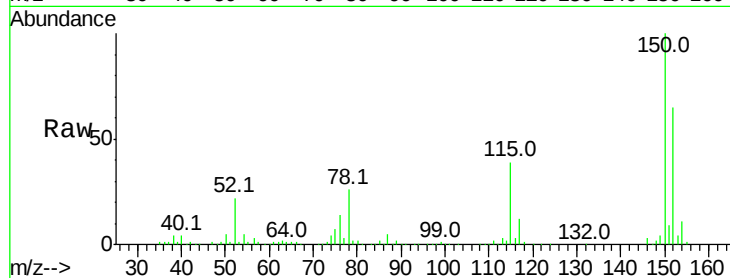
Tot Ion:152 Resp: 288116

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

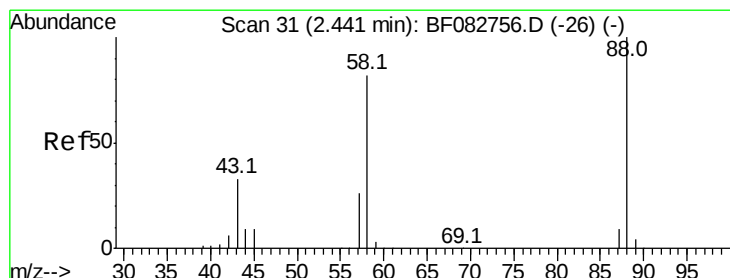
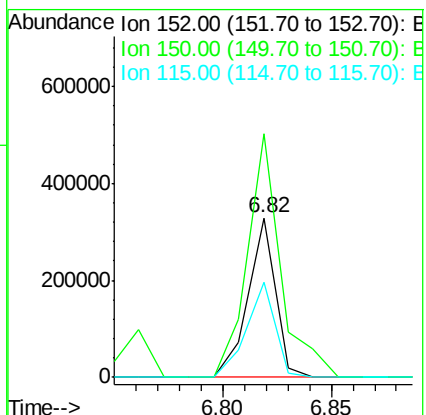
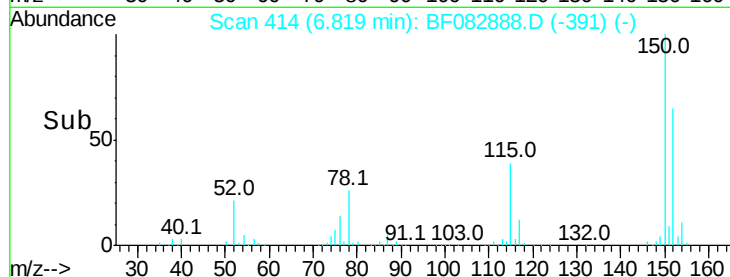
115 60.1 47.0 70.6



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: 36.80 ng

RT: 2.45 min Scan# 32

Delta R.T. 0.01 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

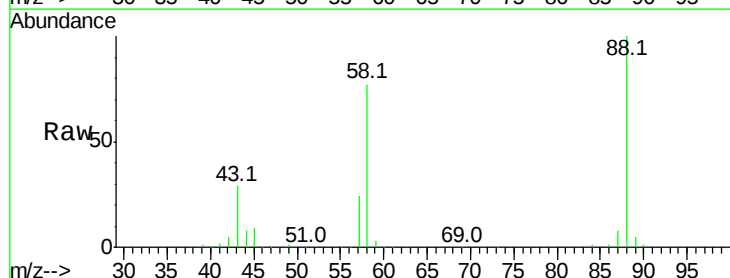
Tgt Ion: 88 Resp: 294011

Ion Ratio Lower Upper

88 100

58 78.9 62.0 93.0

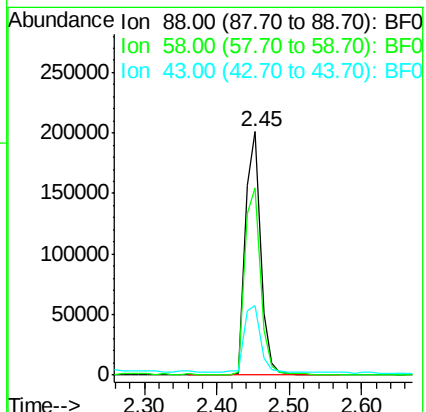
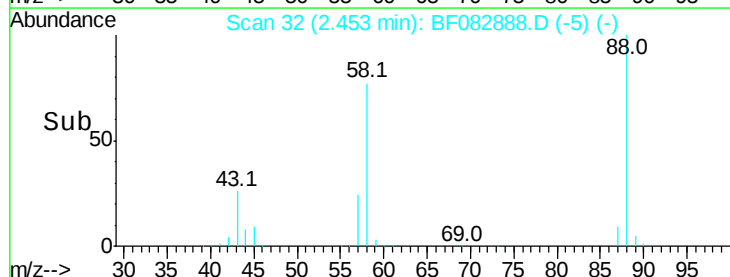
43 29.6 26.6 40.0

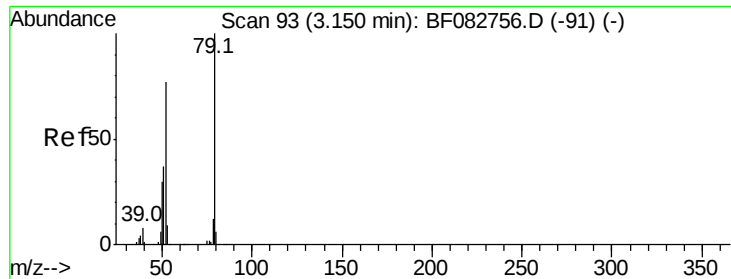


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

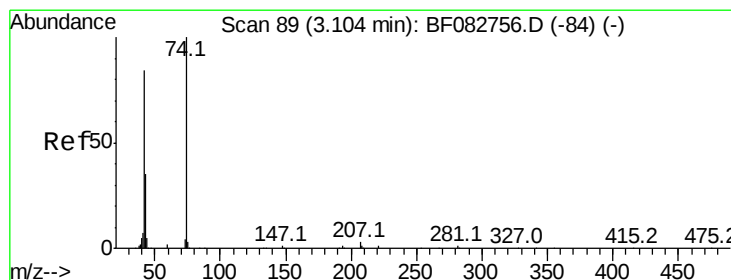
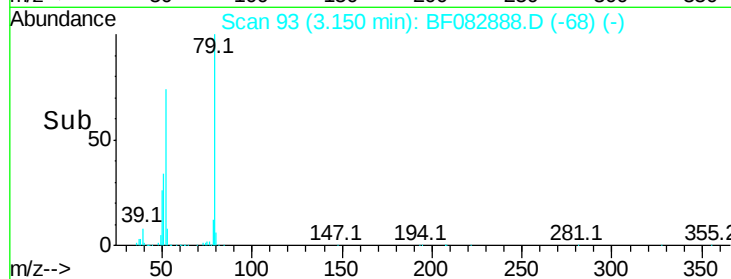
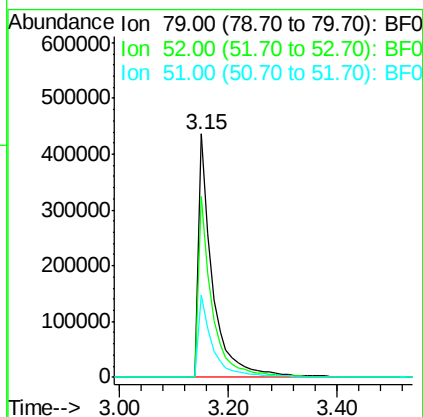
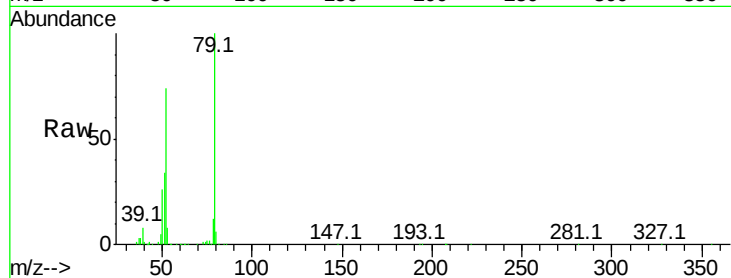




#3
 Pvridine
 Concen: 33.34 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

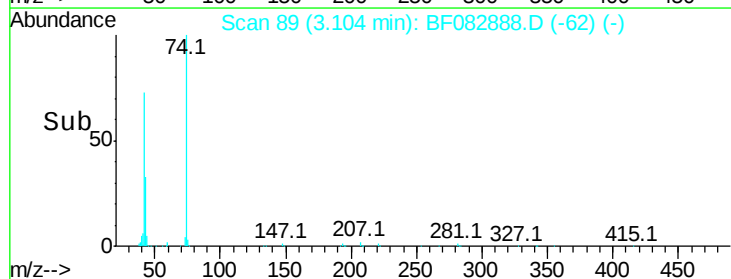
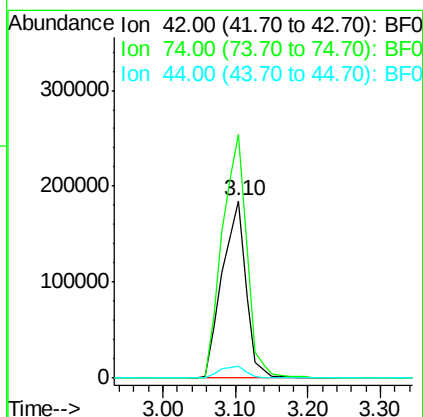
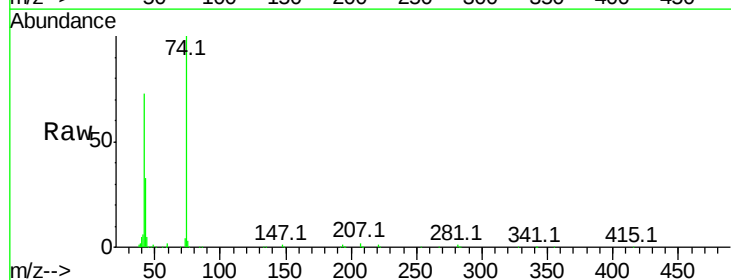
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

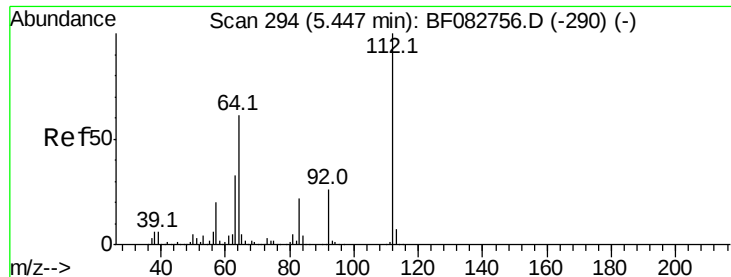
Tot Ion: 79 Resp: 772903
 Ion Ratio Lower Upper
 79 100
 52 74.5 62.8 94.2
 51 33.8 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 36.82 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.01 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion: 42 Resp: 423337
 Ion Ratio Lower Upper
 42 100
 74 137.5 87.0 130.4#
 44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 119.77 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

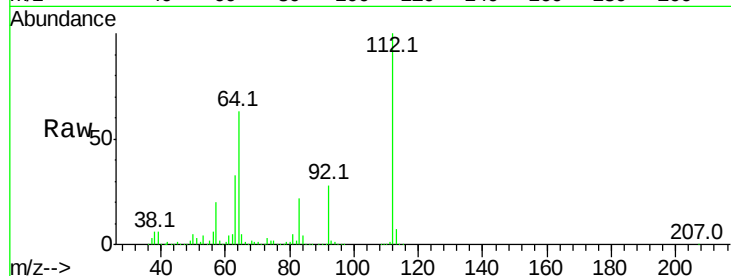
Tot Ion:112 Resp: 2217791

Ion Ratio Lower Upper

112 100

64 63.4 48.9 73.3

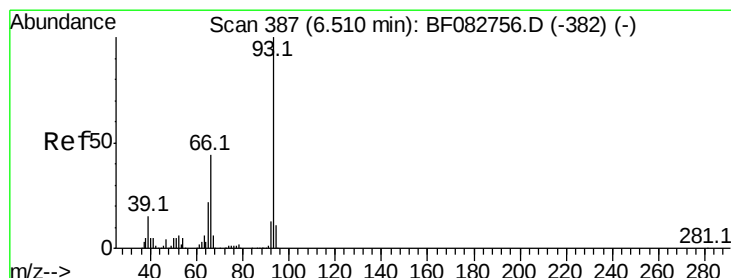
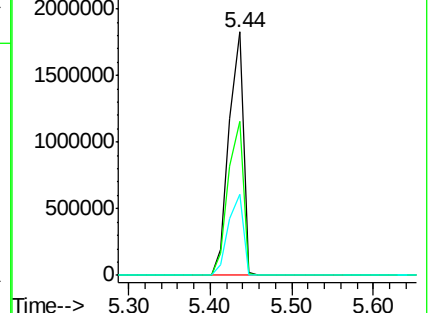
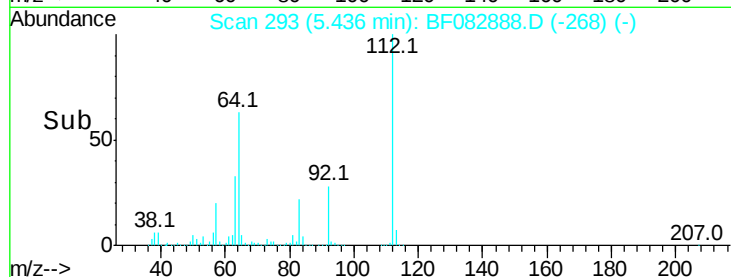
63 33.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.64 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

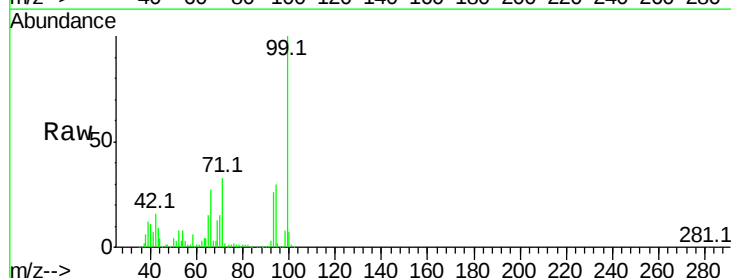
Tgt Ion: 93 Resp: 886274

Ion Ratio Lower Upper

93 100

66 101.7 33.6 50.4#

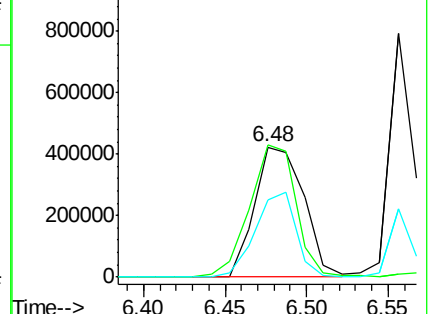
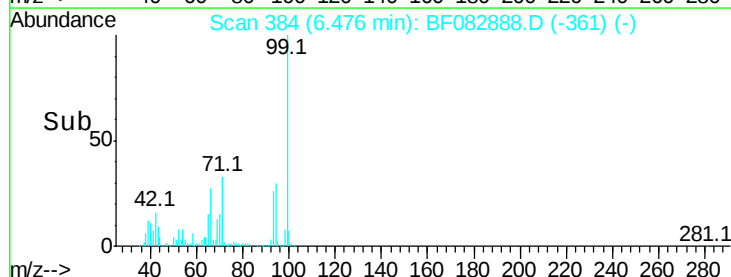
65 58.9 18.1 27.1#

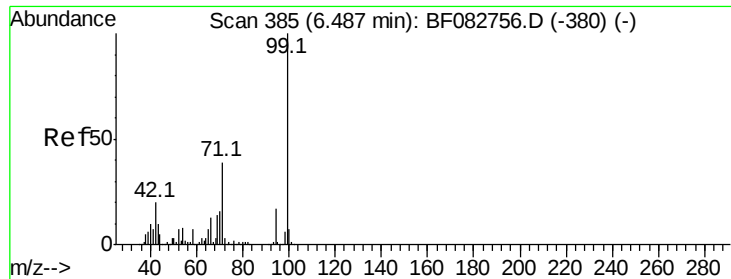


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.86 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

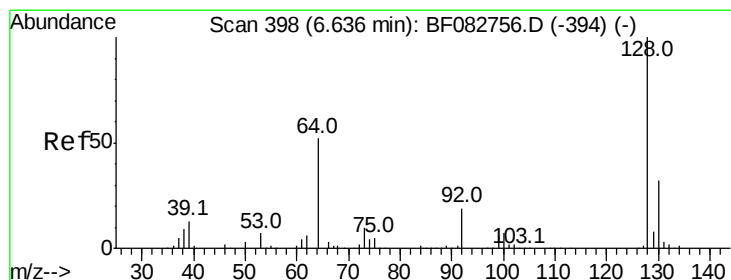
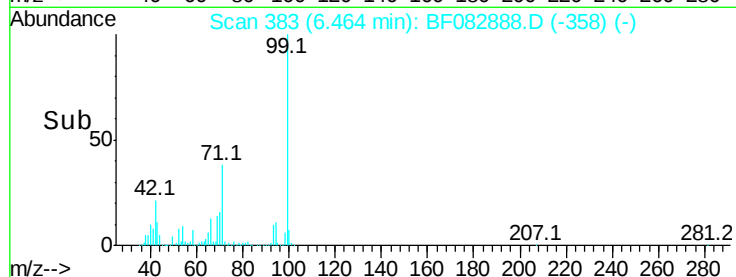
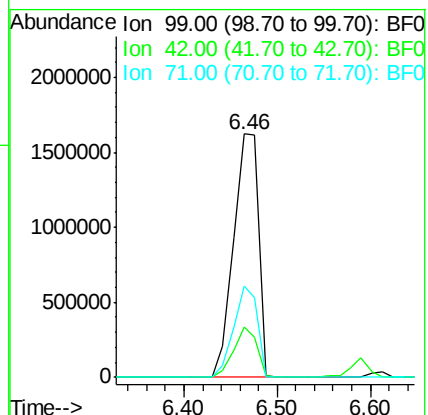
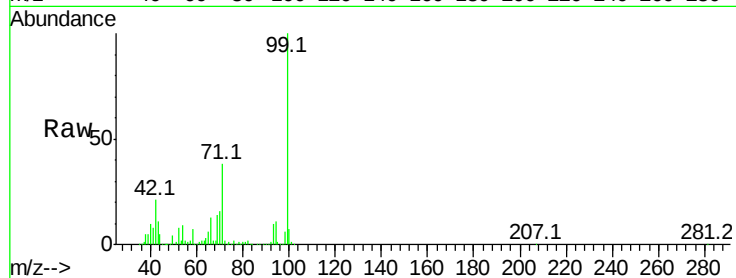
Tot Ion: 99 Resp: 3024565

Ion Ratio Lower Upper

99 100

42 20.7 19.2 28.8

71 37.5 35.0 52.4



#8

2-Chlorophenol

Concen: 39.48 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

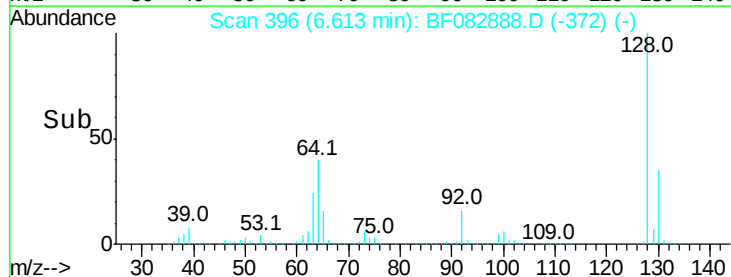
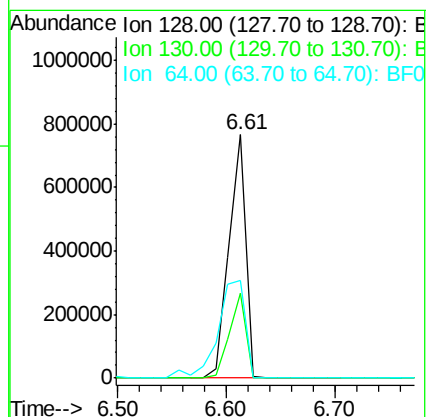
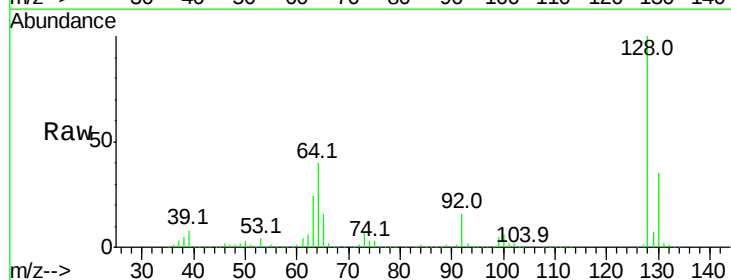
Tgt Ion:128 Resp: 810418

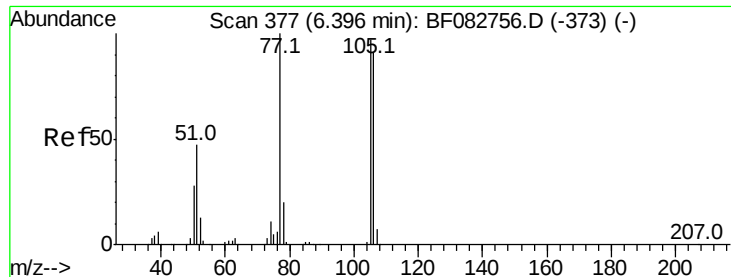
Ion Ratio Lower Upper

128 100

130 35.0 13.5 53.5

64 40.2 21.1 61.1





#9

Benzaldehyde

Concen: 19.99 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampled :

T-14CMS

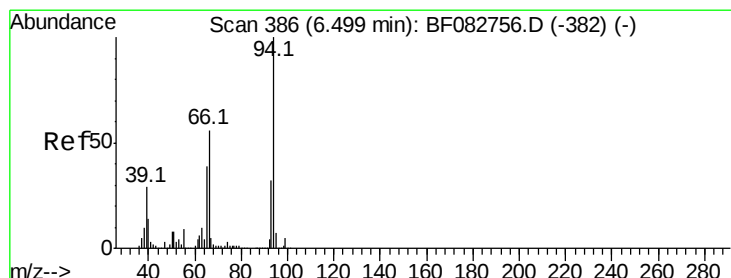
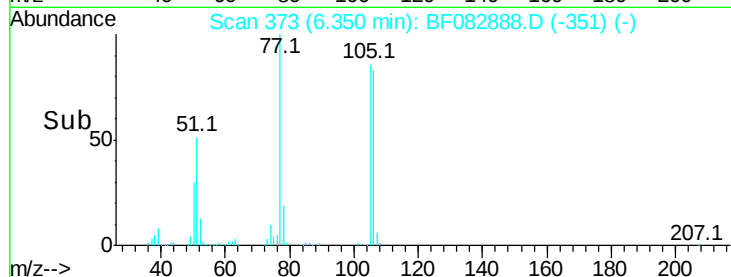
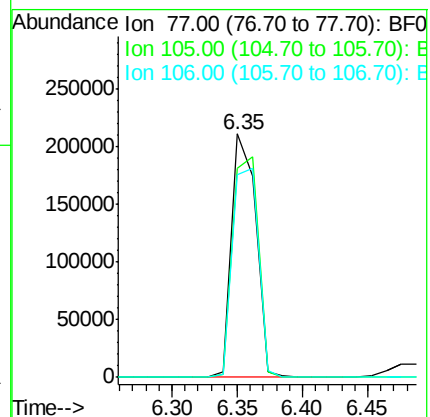
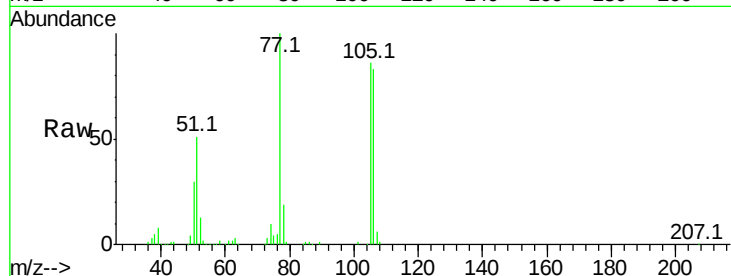
Tot Ion: 77 Resp: 271866

Ion Ratio Lower Upper

77 100

105 86.0 63.5 103.5

106 83.5 59.3 99.3



#10

Phenol

Concen: 38.80 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

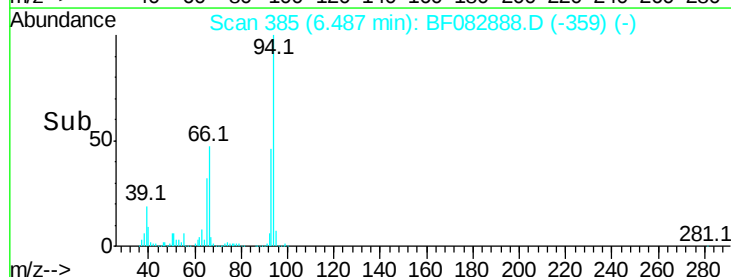
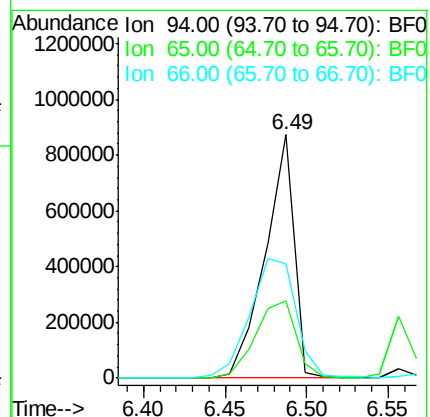
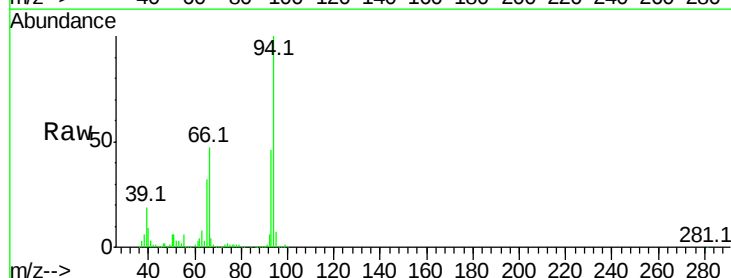
Tgt Ion: 94 Resp: 1083767

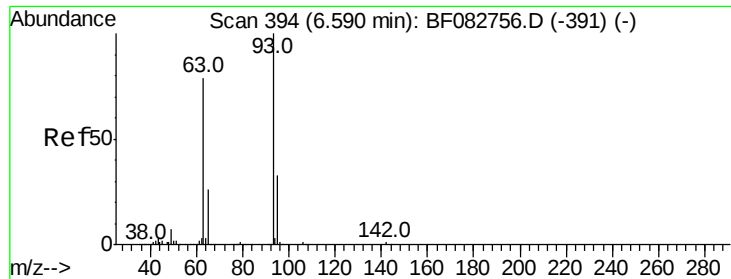
Ion Ratio Lower Upper

94 100

65 31.6 18.9 58.9

66 46.8 34.9 74.9

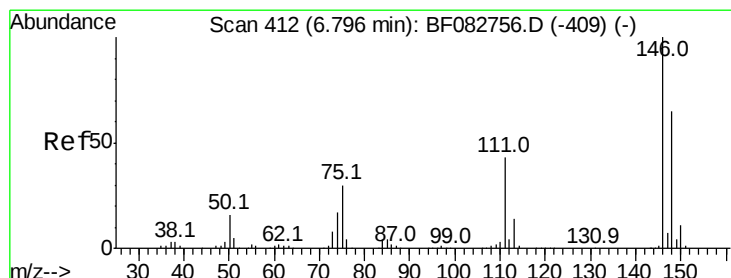
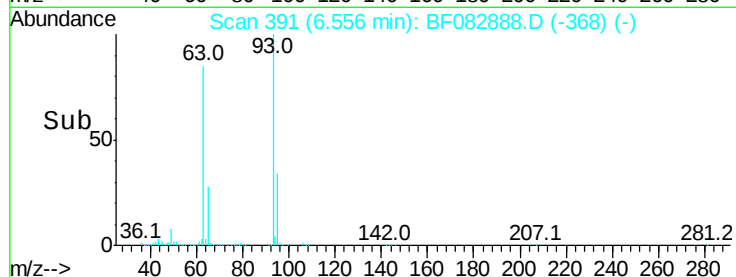
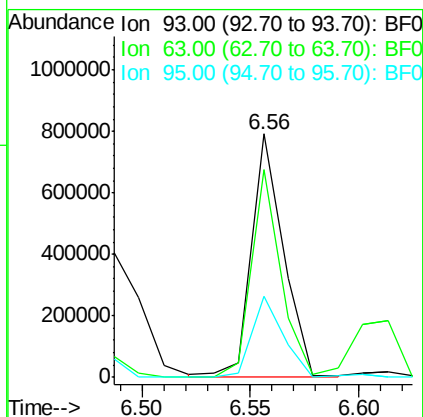
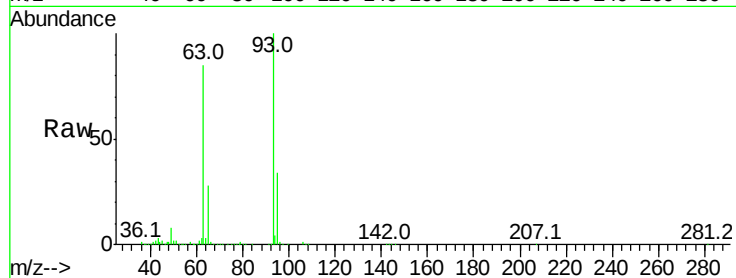




#11
bis(2-Chloroethyl)ether
Concen: 38.82 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

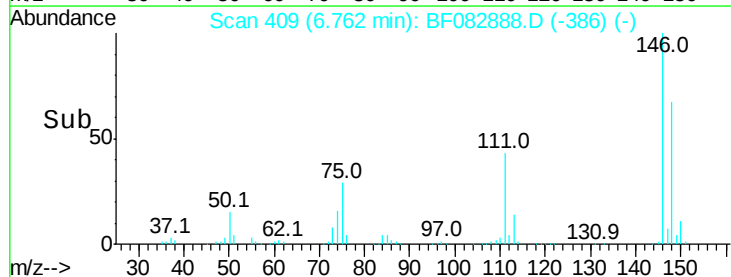
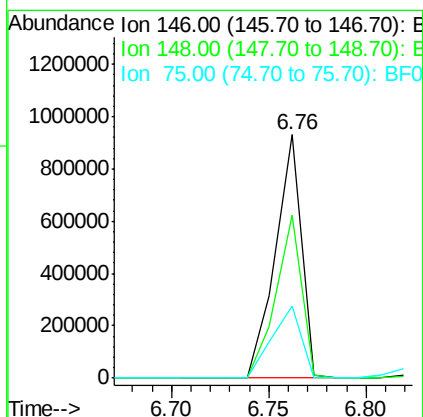
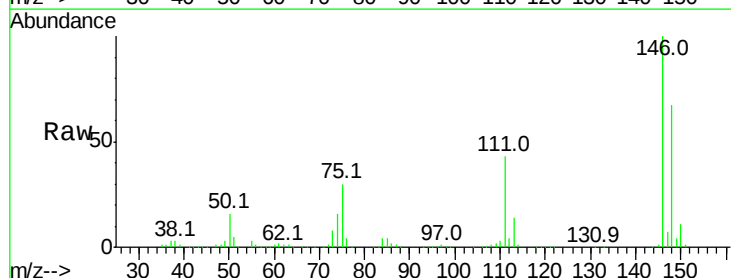
Instrument :
BNA_F
ClientSampleId :
T-14CMS

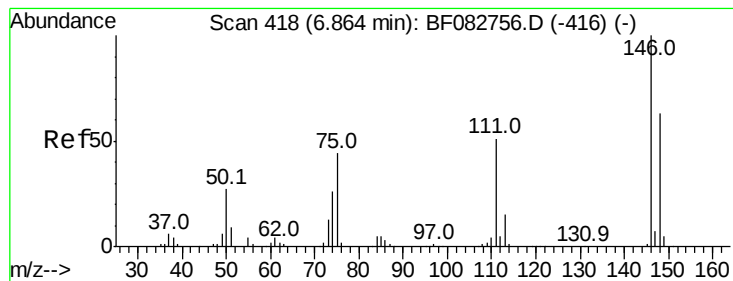
Tot Ion: 93 Resp: 810949
Ion Ratio Lower Upper
93 100
63 85.1 72.7 112.7
95 33.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 37.34 ng m
RT: 6.76 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion: 146 Resp: 864541
Ion Ratio Lower Upper
146 100
148 67.1 50.5 75.7
75 29.6 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 33.96 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

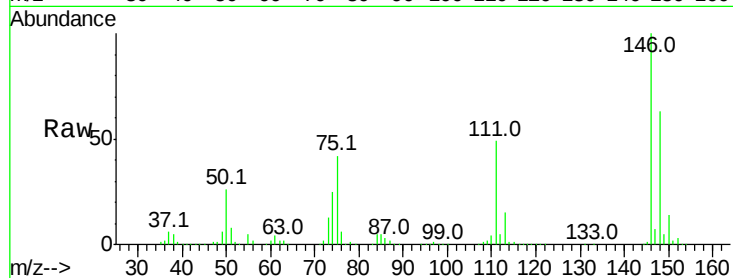
Tot Ion:146 Resp: 818047

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

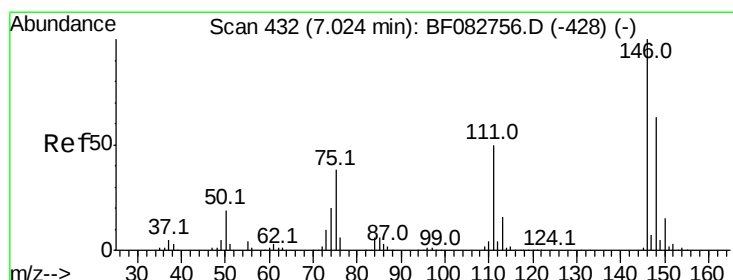
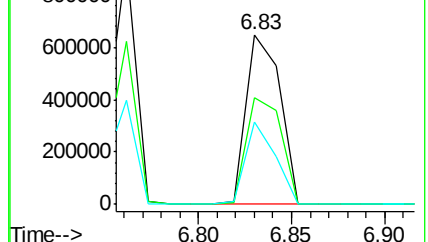
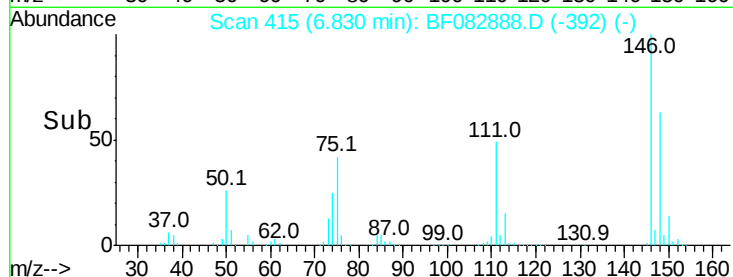
111 48.7 40.6 60.8



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: 36.74 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

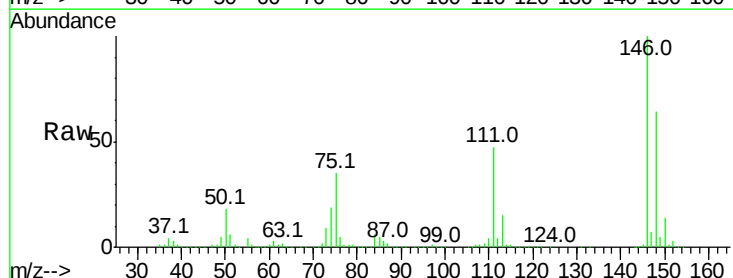
Tgt Ion:146 Resp: 804793

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

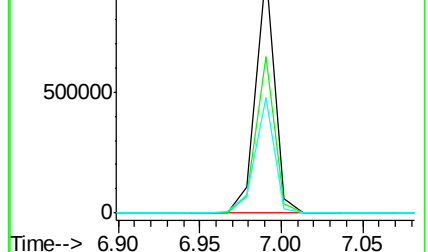
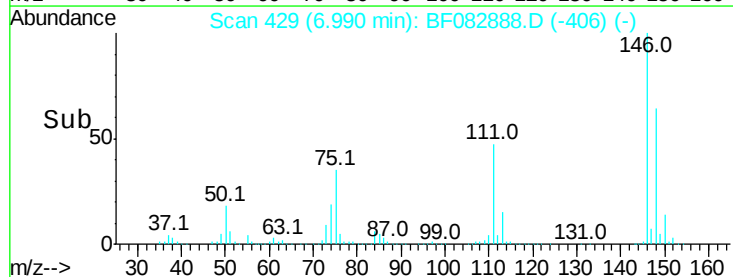
111 47.5 36.6 55.0

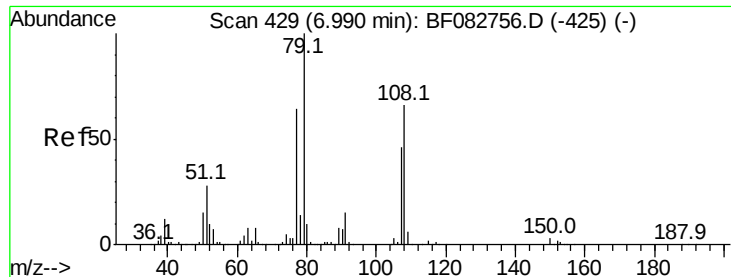


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.80 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

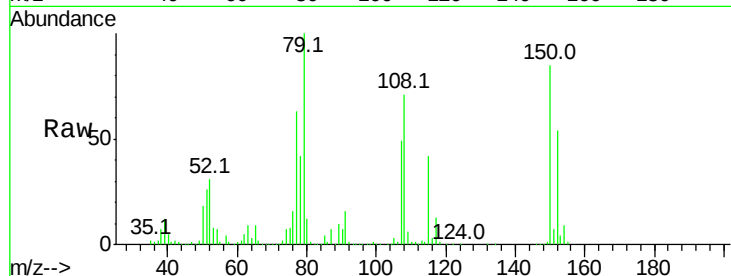
Tot Ion: 79 Resp: 795639

Ion Ratio Lower Upper

79 100

108 71.5 52.2 78.4

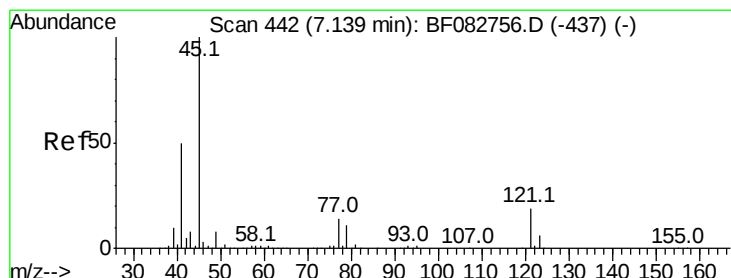
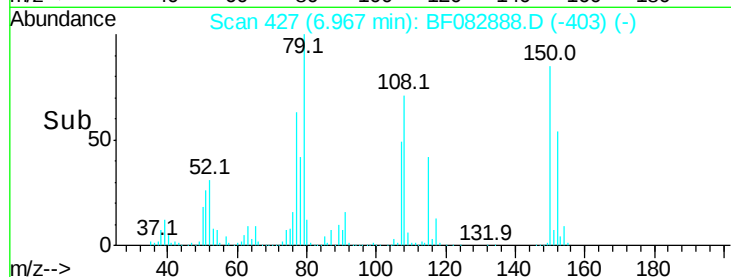
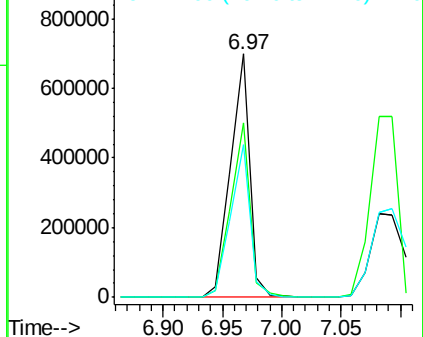
77 62.5 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.24 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

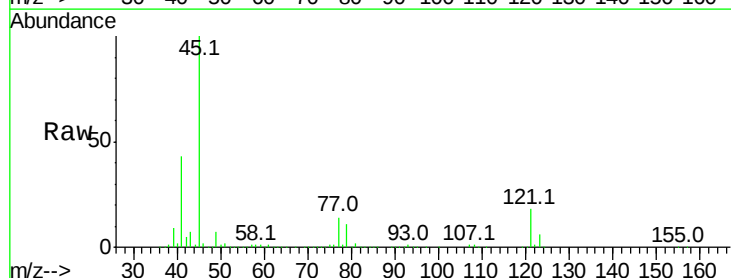
Tgt Ion: 45 Resp: 1263532

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.6

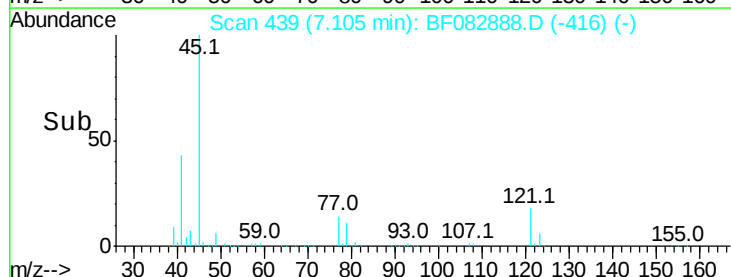
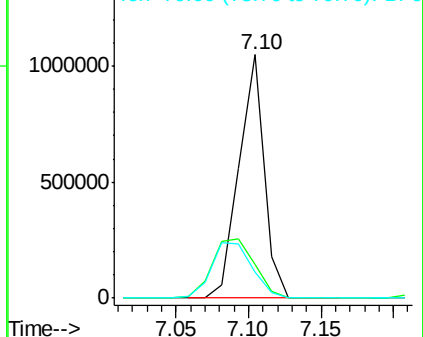
79 10.9 0.0 29.2

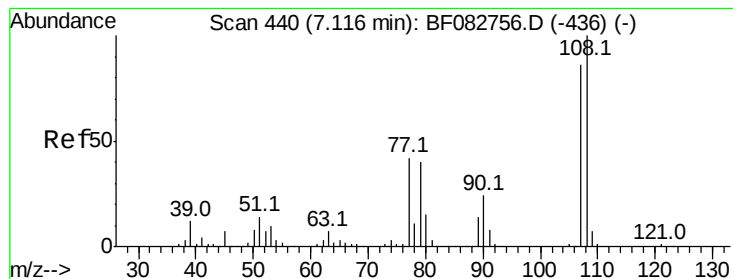


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.16 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampled :

T-14CMS

Tot Ion:107 Resp: 733065

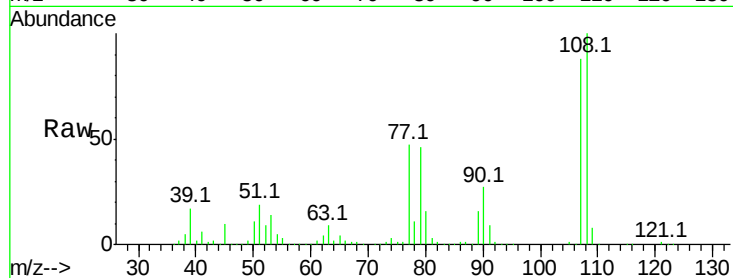
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.4

77 53.1 44.1 66.1

79 52.3 43.6 65.4

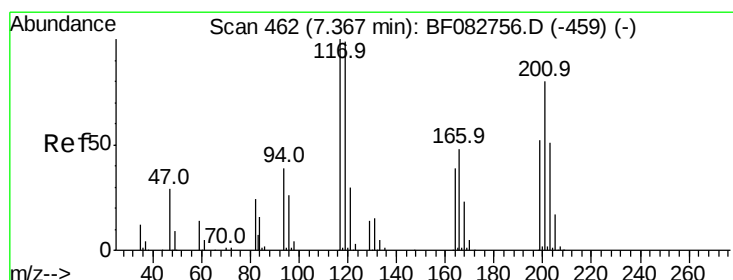
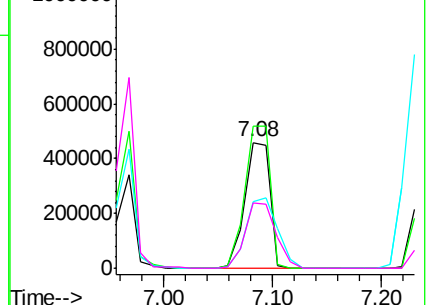
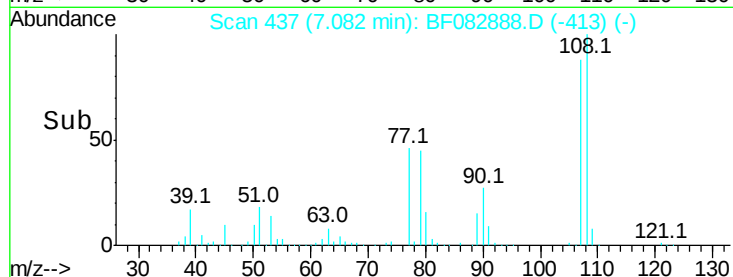


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.42 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

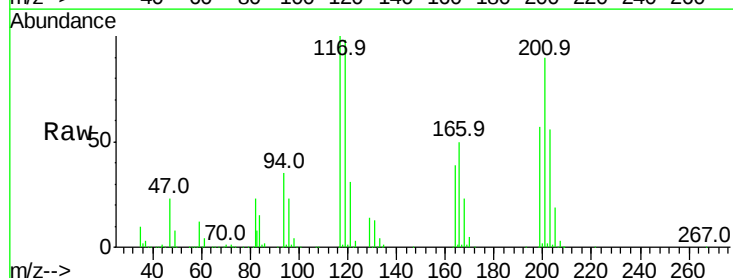
Tgt Ion:117 Resp: 305137

Ion Ratio Lower Upper

117 100

119 97.6 77.7 116.5

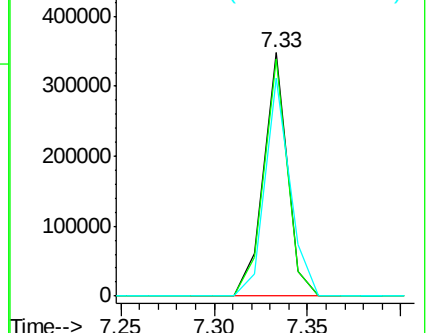
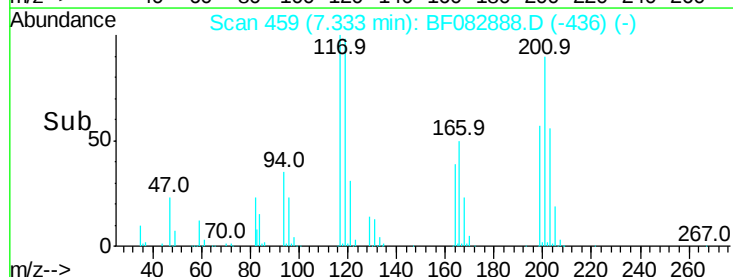
201 89.6 66.7 100.1

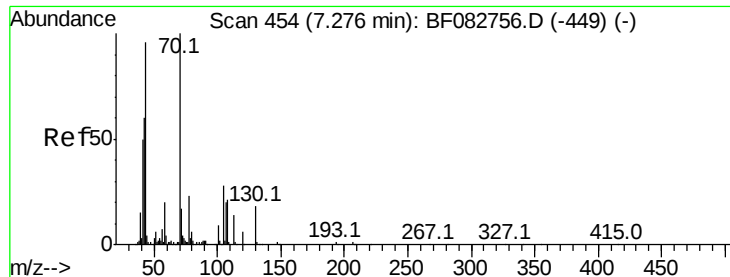


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

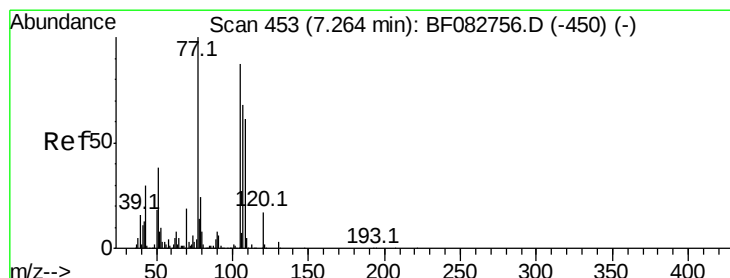
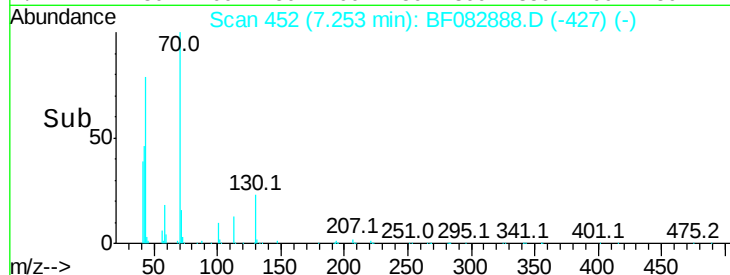
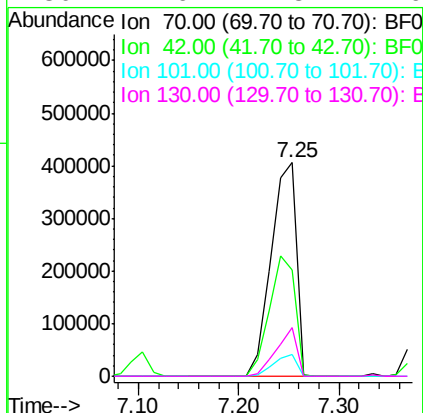
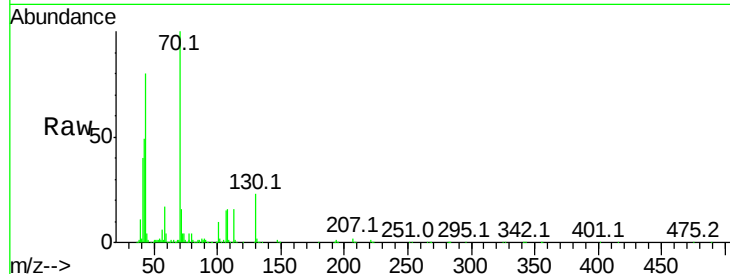




#19
n-Nitroso-di-n-propylamine
Concen: 38.89 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

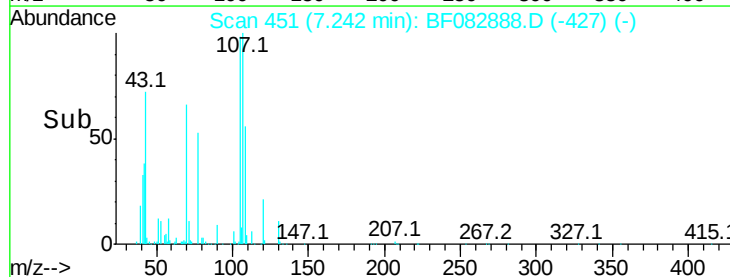
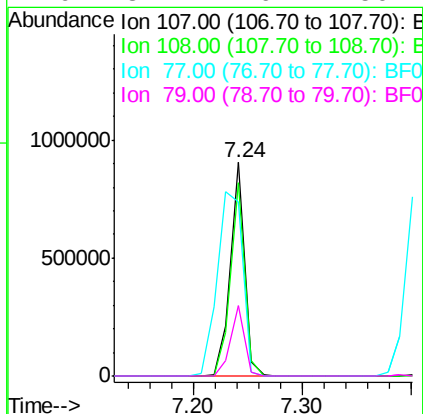
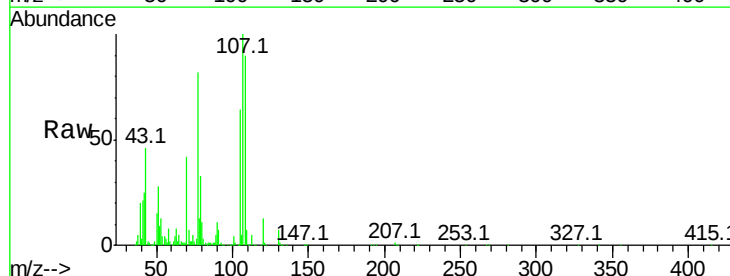
Instrument :
BNA_F
ClientSampleId :
T-14CMS

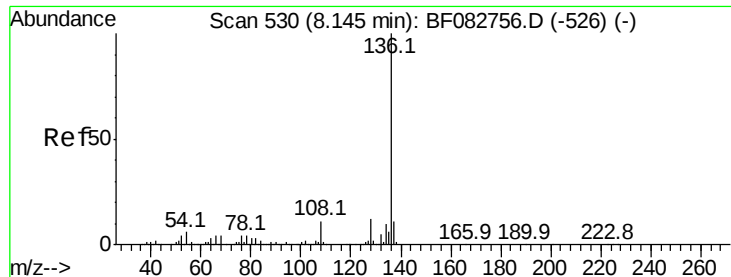
Tot Ion: 70 Resp: 703786
Ion Ratio Lower Upper
70 100
42 49.5 57.7 86.5#
101 10.0 7.0 10.6
130 22.6 11.8 17.6#



#20
3+4-Methylphenols
Concen: 36.10 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:107 Resp: 816129
Ion Ratio Lower Upper
107 100
108 90.5 67.3 107.3
77 81.7 100.3 140.3#
79 32.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:136 Resp: 1108306

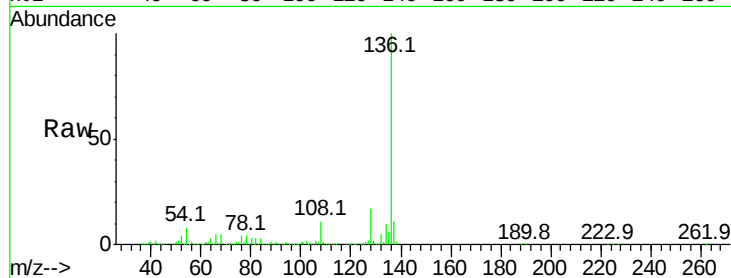
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.7 9.1 13.7#

68 5.4 4.8 7.2

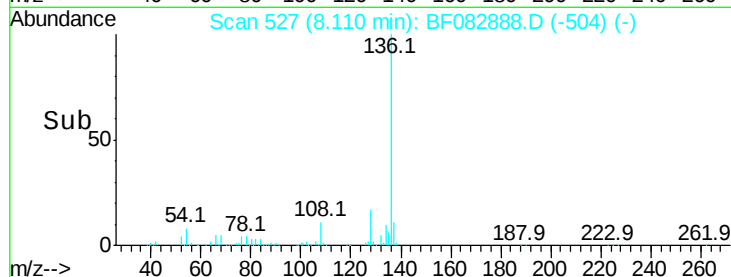


Abundance Ion 136.00 (135.70 to 136.70): E

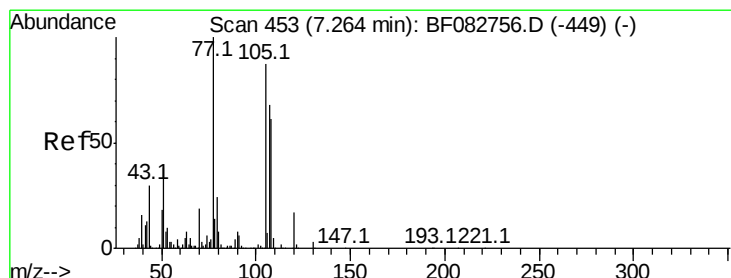
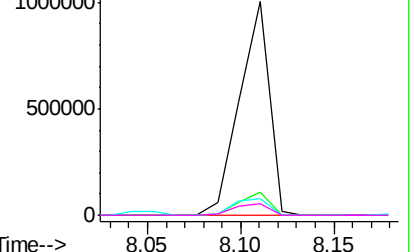
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.41 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Tgt Ion:105 Resp: 1219669

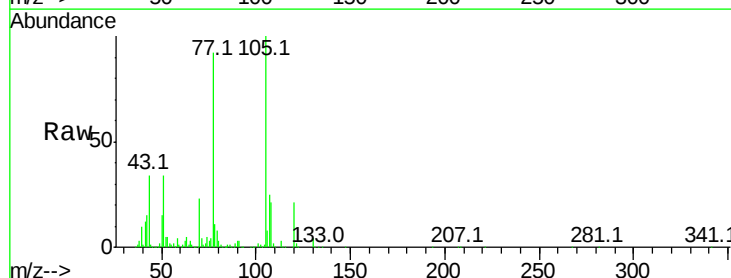
Ion Ratio Lower Upper

105 100

71 3.9 5.6 8.4#

51 33.6 24.9 37.3

120 20.6 15.8 23.8

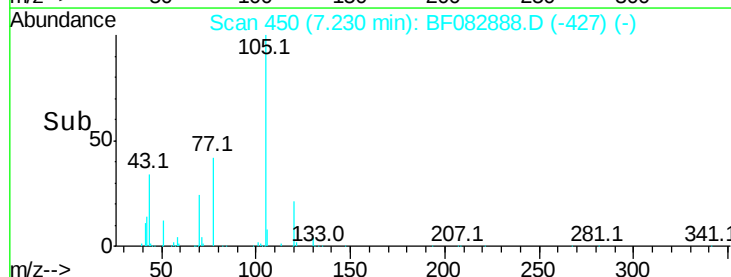


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

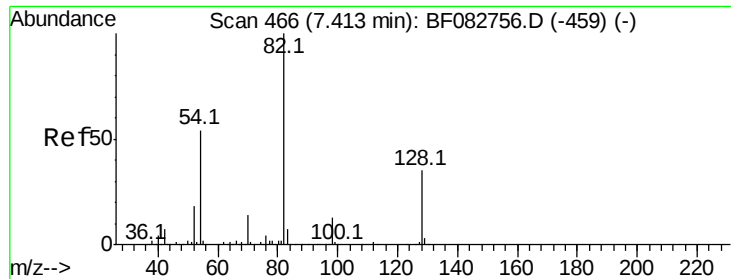
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



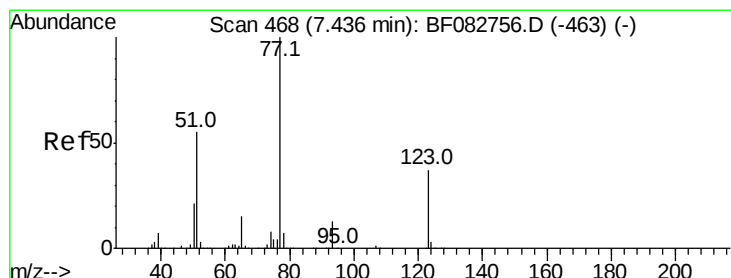
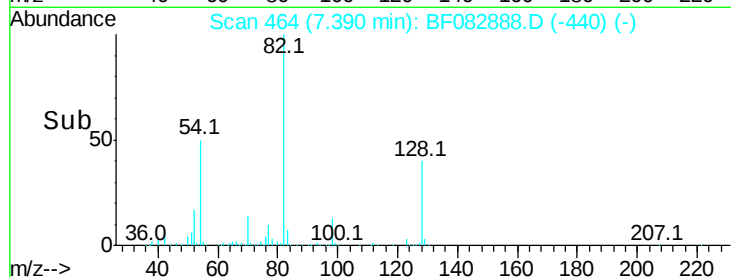
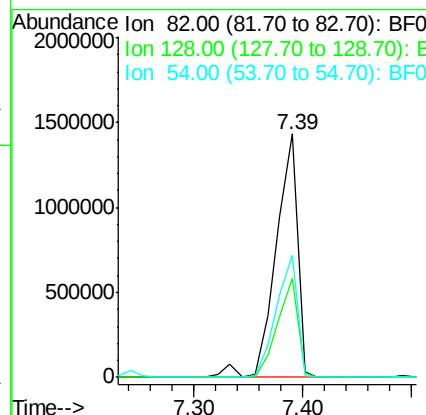
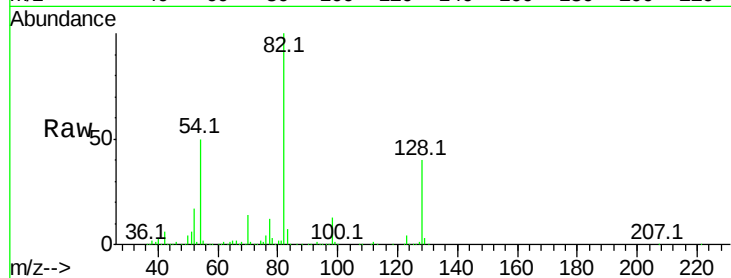


#23
 Nitrobenzene-d5
 Concen: 77.88 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion: 82 Resp: 1983812

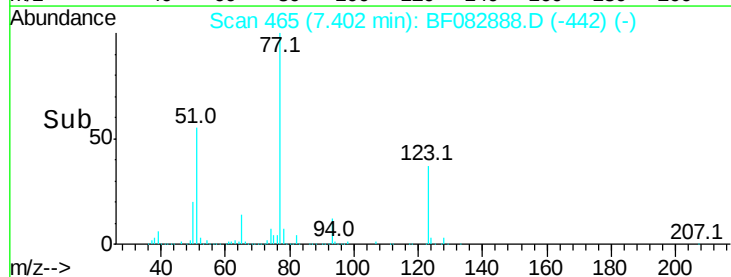
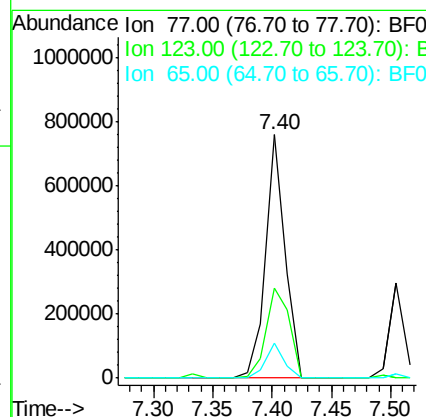
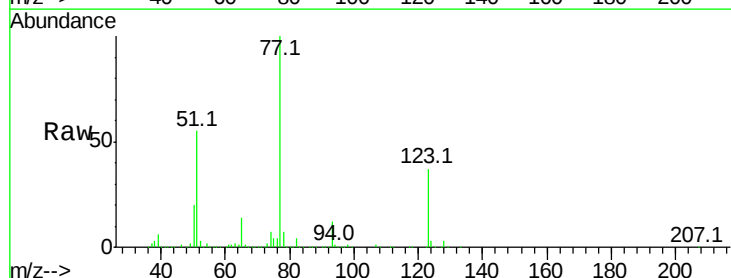
Ion	Ratio	Lower	Upper
82	100		
128	40.5	26.8	40.2#
54	50.0	45.7	68.5

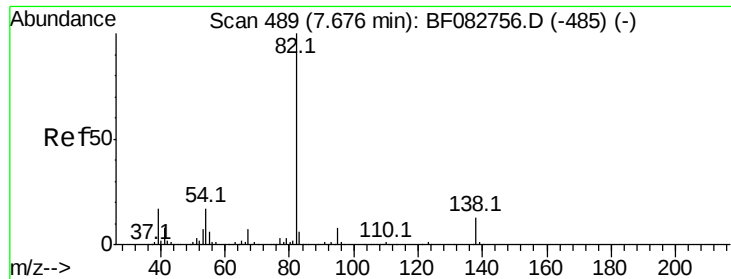


#24
 Nitrobenzene
 Concen: 33.64 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion: 77 Resp: 876322

Ion	Ratio	Lower	Upper
77	100		
123	37.0	36.4	54.6
65	14.2	11.5	17.3

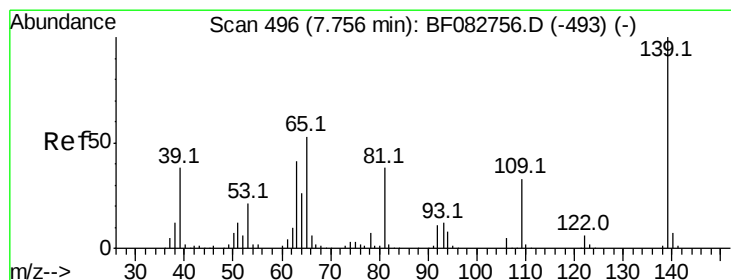
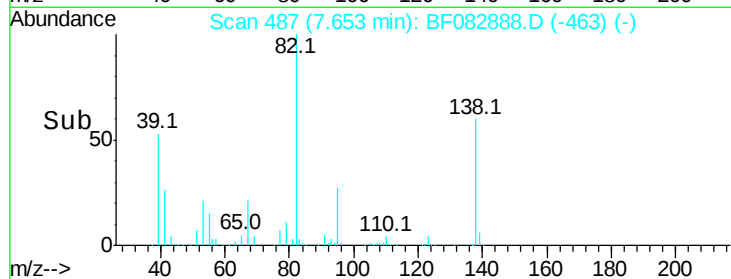
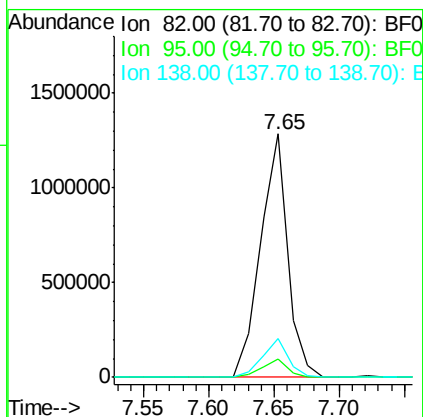
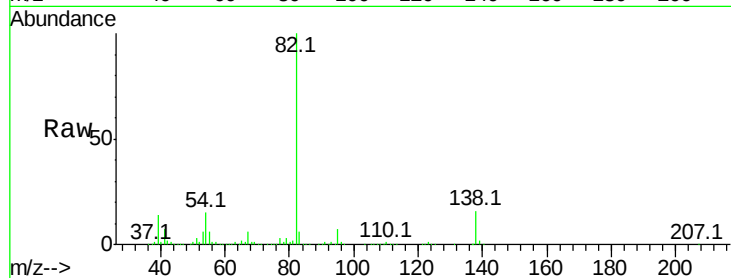




#25
Isophorone
Concen: 39.72 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

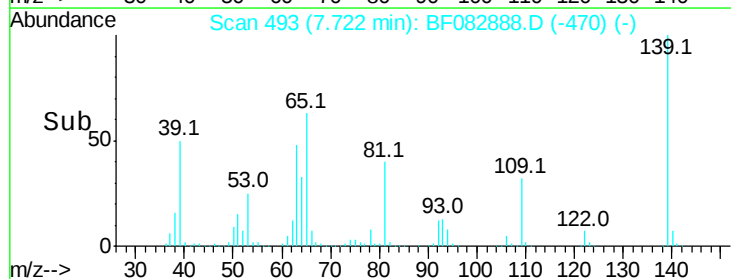
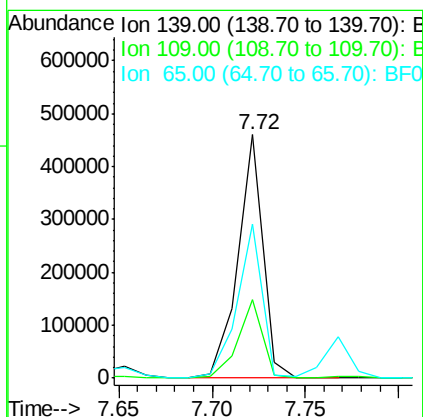
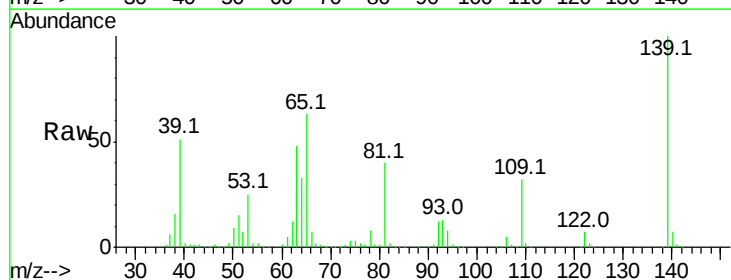
Instrument :
BNA_F
ClientSampleId :
T-14CMS

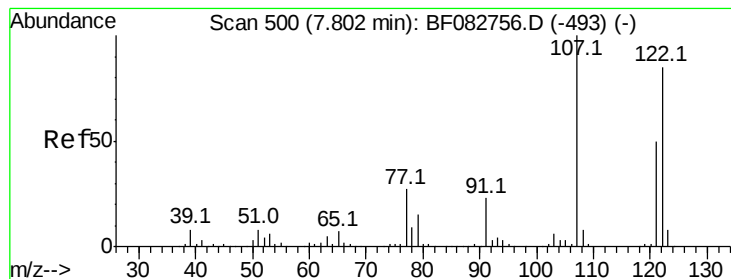
Tot Ion: 82 Resp: 1872030
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 16.1 11.4 17.0



#26
2-Nitrophenol
Concen: 39.65 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion: 139 Resp: 431124
Ion Ratio Lower Upper
139 100
109 32.1 37.6 56.4#
65 63.1 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 37.20 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

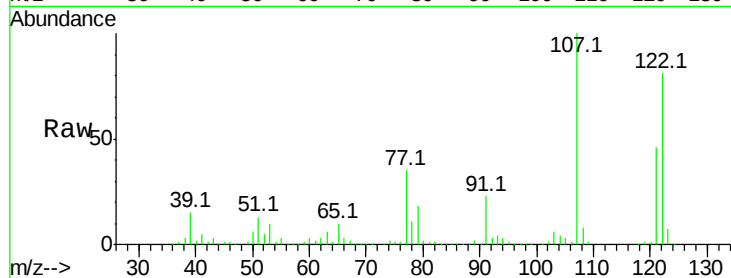
Tot Ion:122 Resp: 726754

Ion Ratio Lower Upper

122 100

107 124.1 106.0 159.0

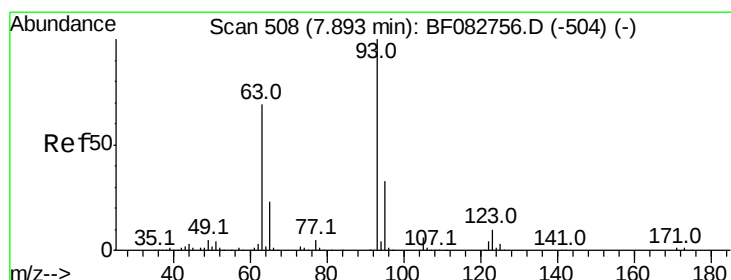
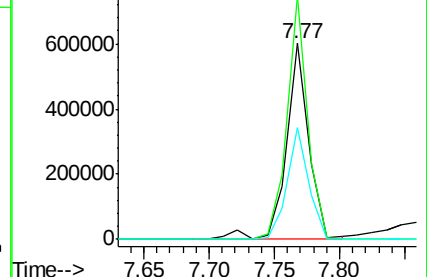
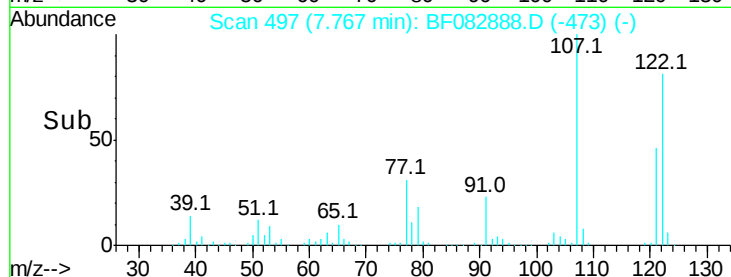
121 56.8 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.09 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

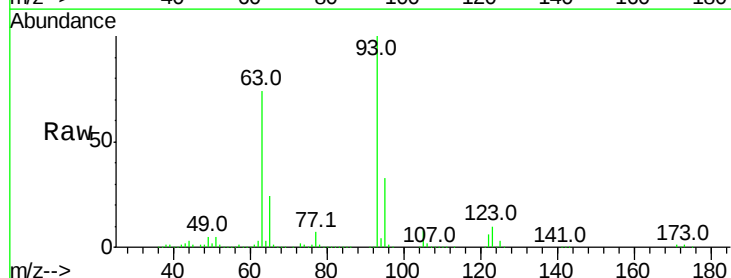
Tgt Ion: 93 Resp: 1012542

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

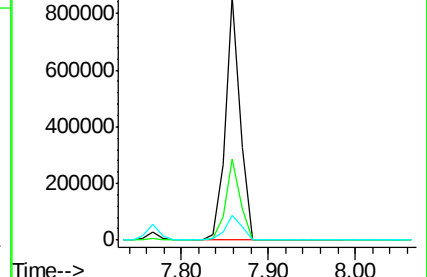
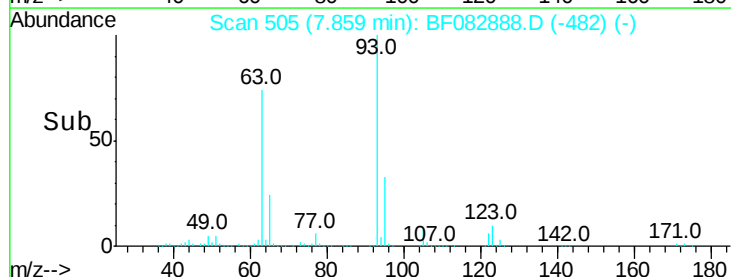
123 10.1 9.7 14.5

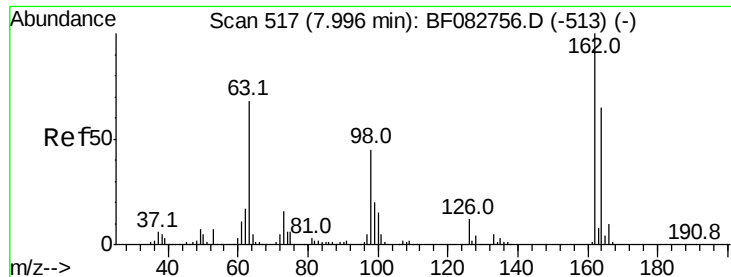


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.28 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampled :

T-14CMS

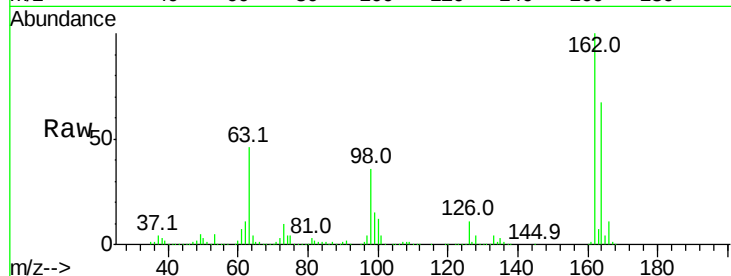
Tot Ion:162 Resp: 764102

Ion Ratio Lower Upper

162 100

164 67.2 46.8 86.8

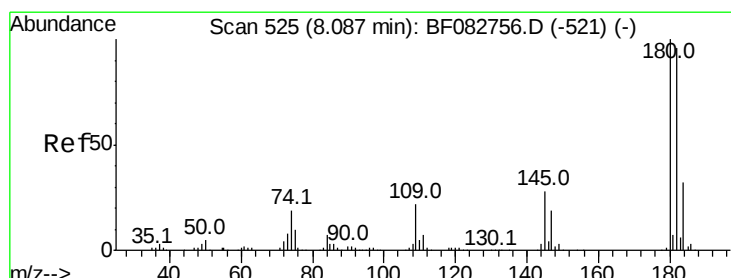
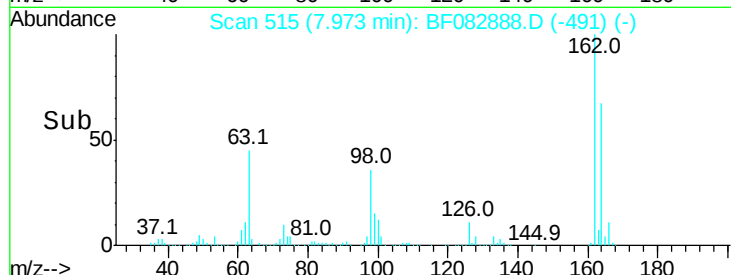
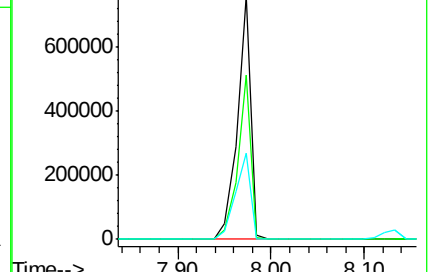
98 35.6 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.58 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

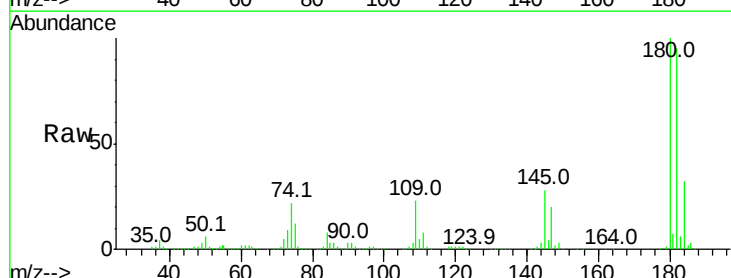
Tgt Ion:180 Resp: 746196

Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

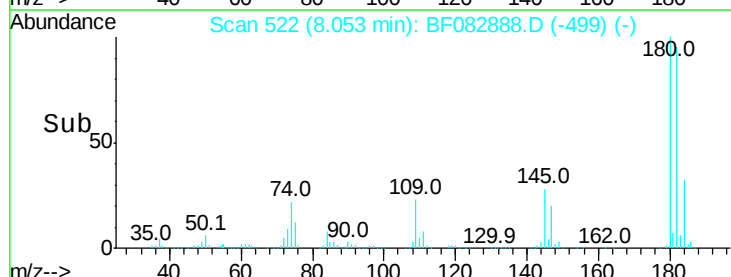
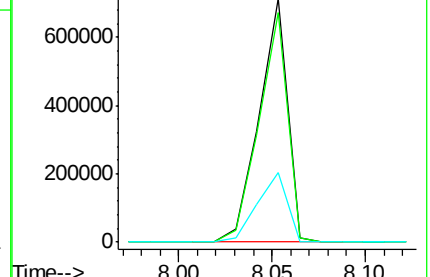
145 28.3 27.8 41.8

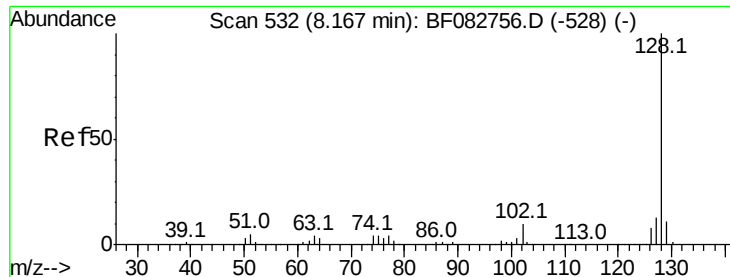


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

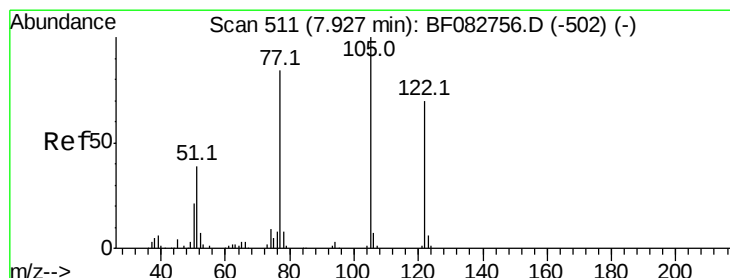
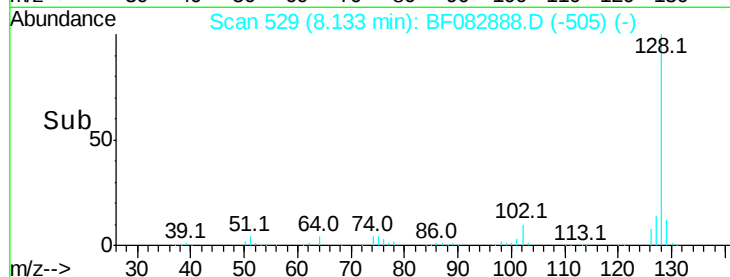
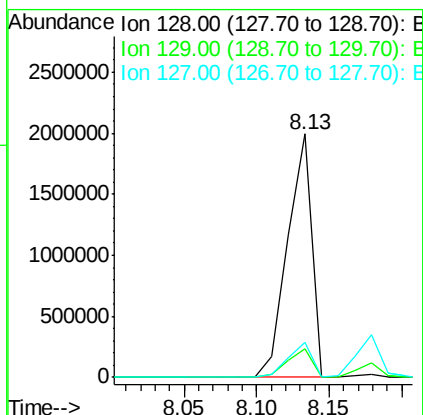
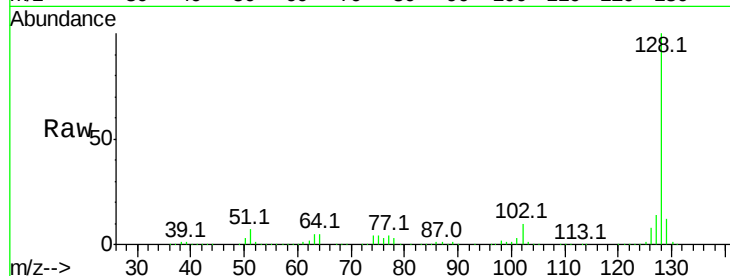




#31
Naphthalene
Concen: 37.45 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

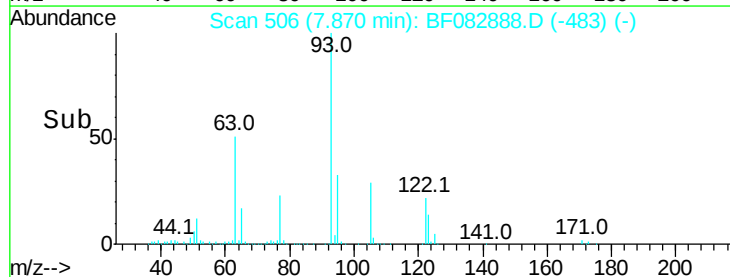
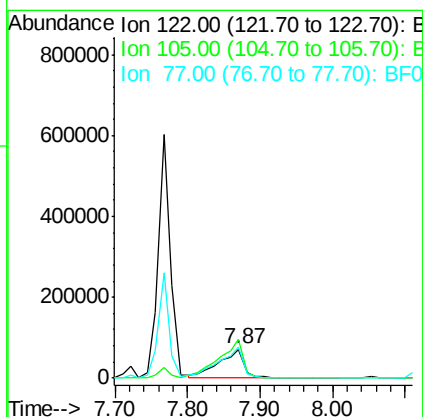
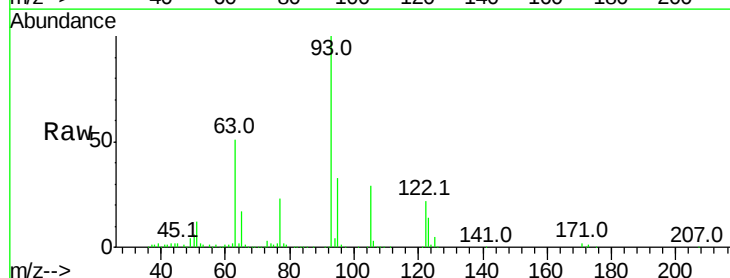
Instrument :
BNA_F
ClientSampled :
T-14CMS

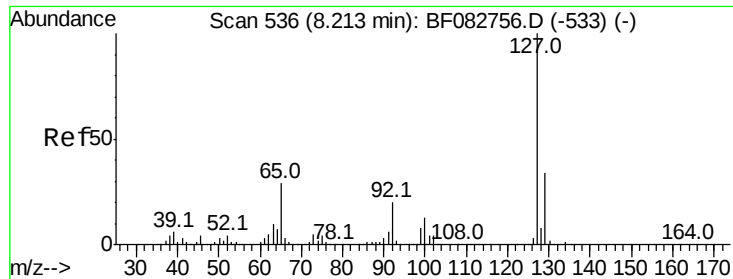
Tot Ion:128 Resp: 2289820
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 13.19 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:122 Resp: 176413
Ion Ratio Lower Upper
122 100
105 133.6 122.6 162.6
77 105.7 100.9 140.9

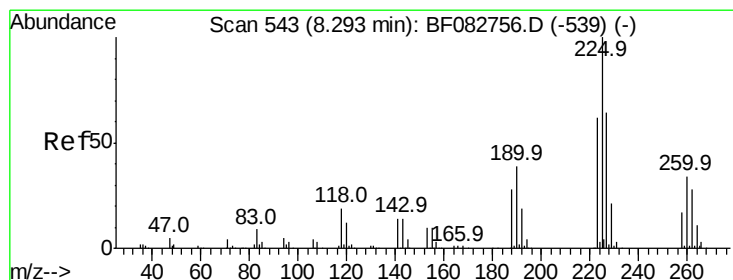
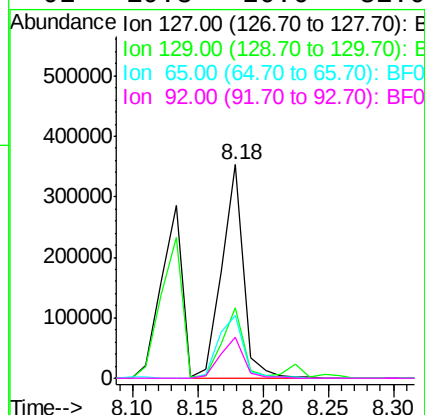
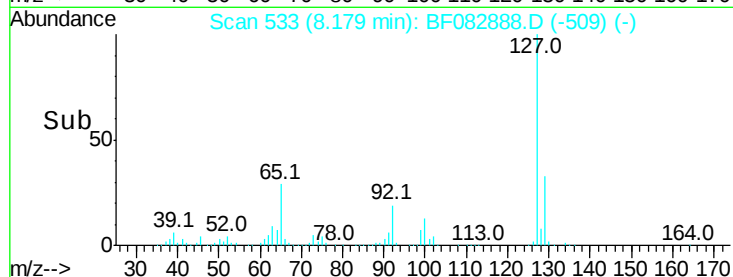
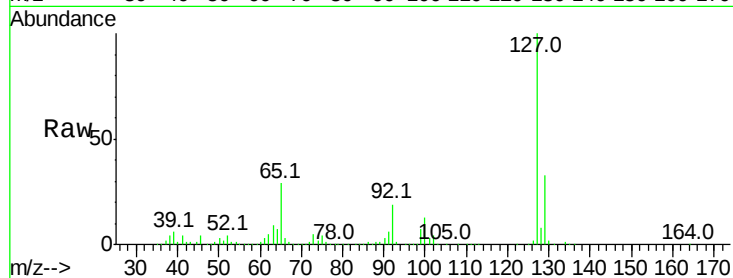




#33
4-Chloroaniline
Concen: 15.54 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

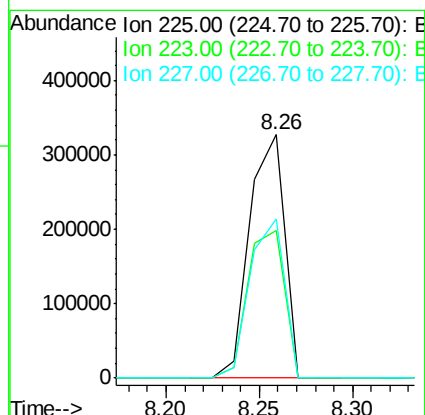
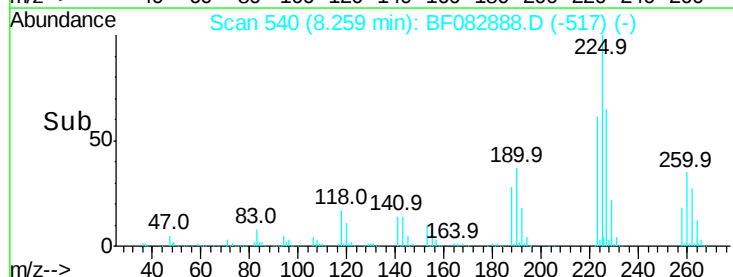
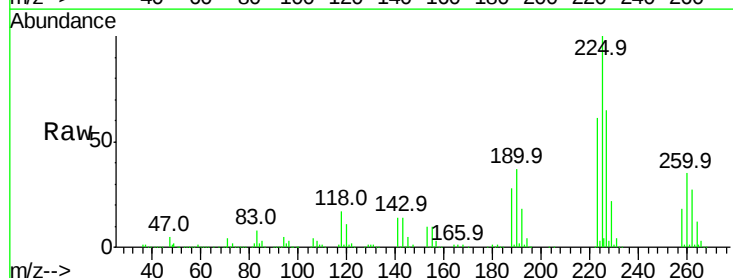
Instrument :
BNA_F
ClientSampleId :
T-14CMS

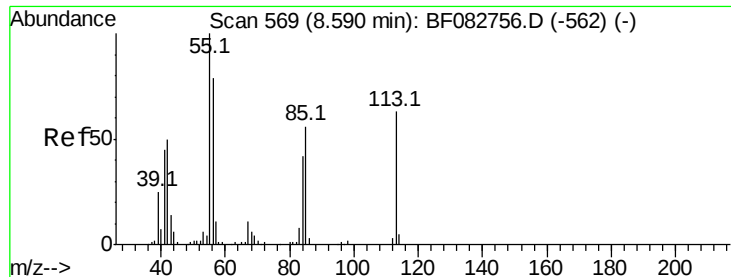
Tot Ion:	127	Resp:	409413
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	29.1	37.8	56.8#
92	19.3	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:	225	Resp:	424704
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.5	75.7
227	65.1	50.2	75.2

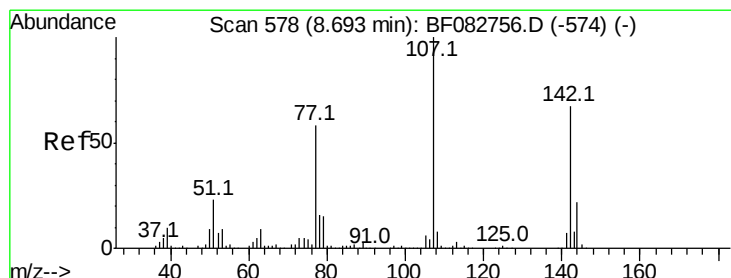
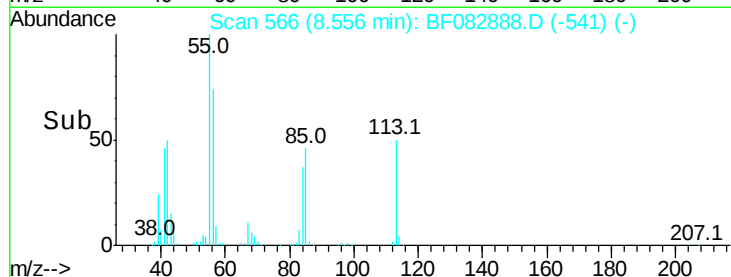
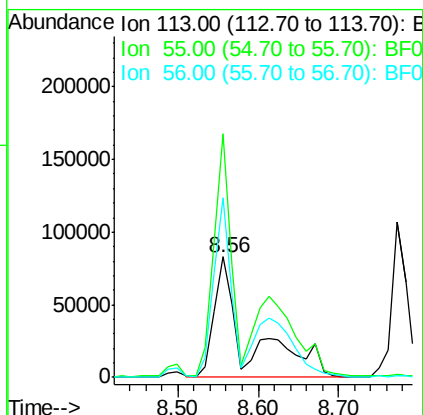
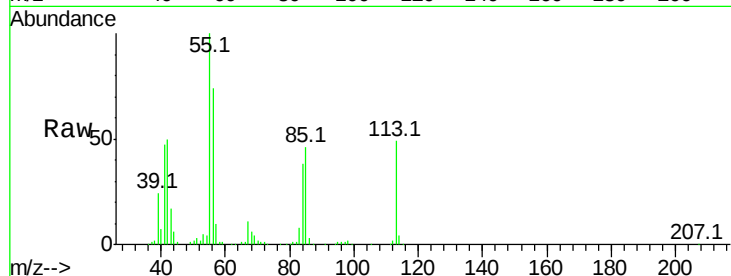




#35
Caprolactam
Concen: 44.21 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

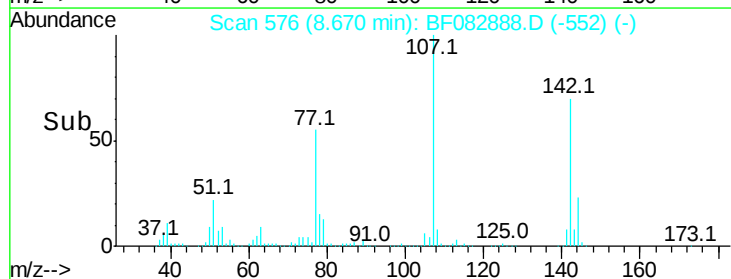
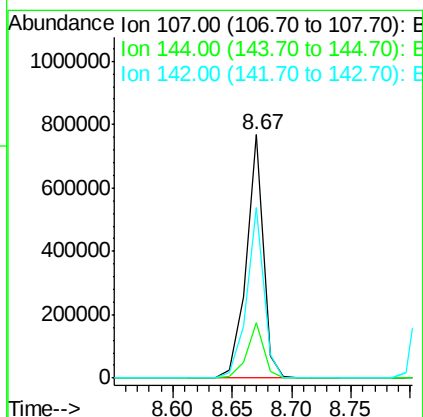
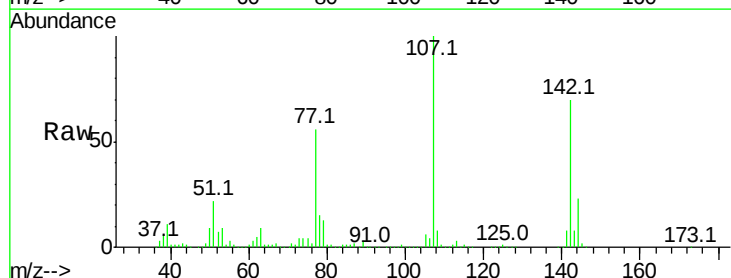
Instrument :
BNA_F
ClientSampleId :
T-14CMS

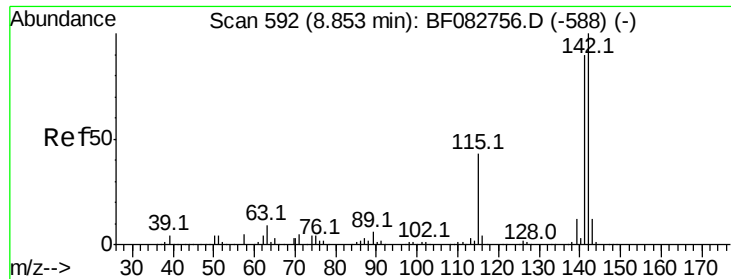
Tot Ion:113 Resp: 246108
Ion Ratio Lower Upper
113 100
55 202.6 195.5 235.5
56 149.7 153.5 193.5#



#36
4-Chloro-3-methylphenol
Concen: 37.26 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:107 Resp: 773713
Ion Ratio Lower Upper
107 100
144 22.5 15.4 23.0
142 70.2 47.8 71.8

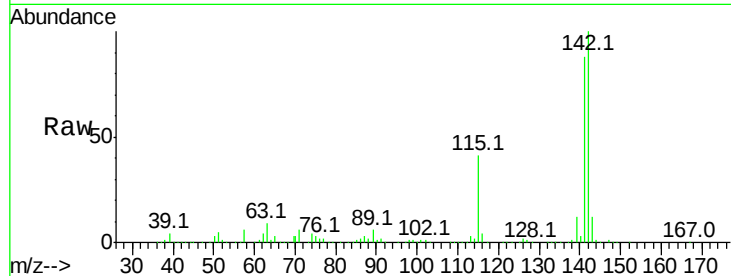




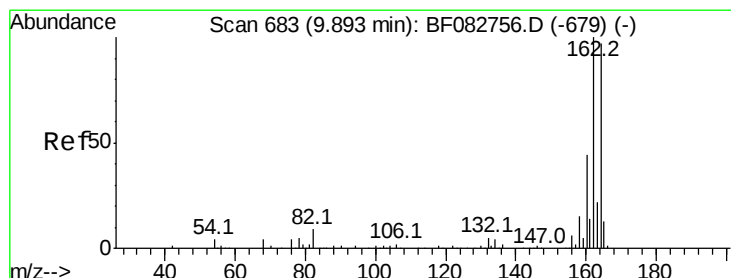
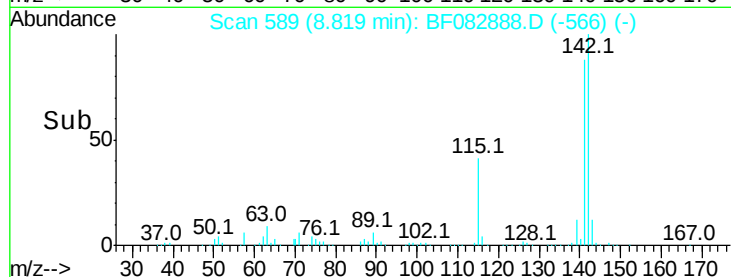
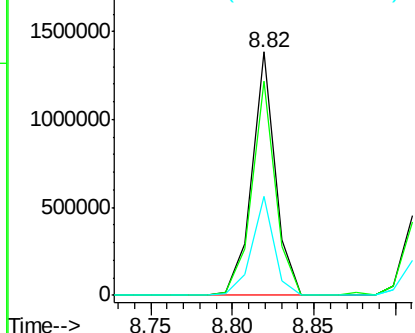
#37
2-Methylnaphthalene
Concen: 34.93 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion:142 Resp: 1381829
Ion Ratio Lower Upper
142 100
141 87.7 72.3 108.5
115 40.6 38.1 57.1

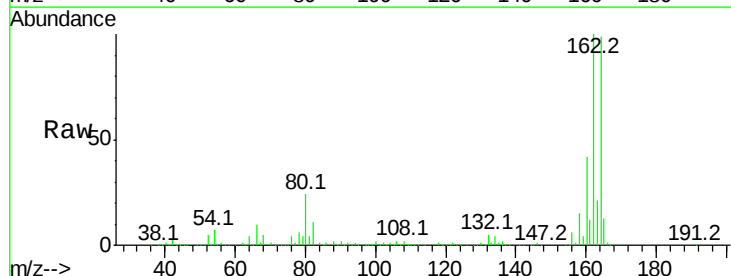


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

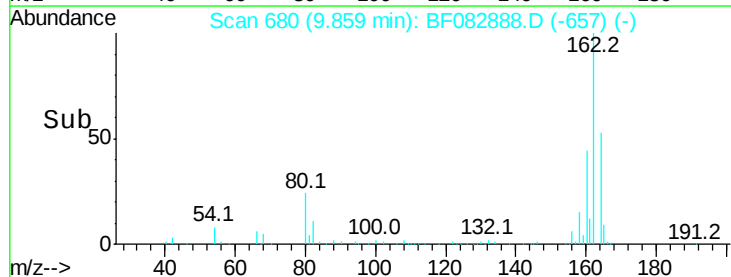
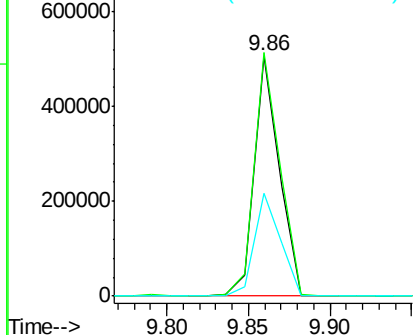


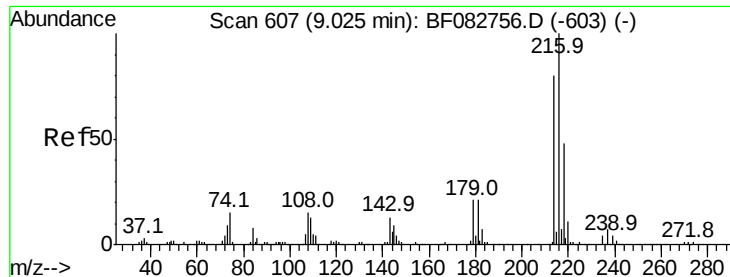
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:164 Resp: 539536
Ion Ratio Lower Upper
164 100
162 101.3 84.9 127.3
160 42.8 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: 38.02 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:216 Resp: 674093

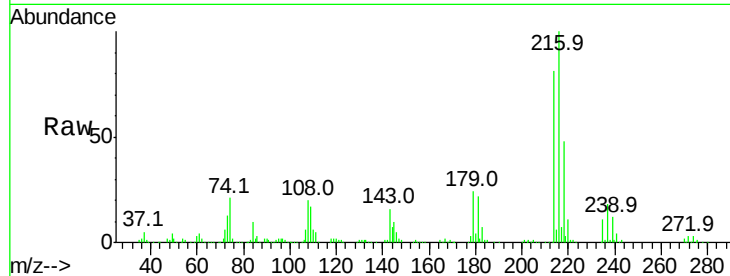
Ion Ratio Lower Upper

216 100

214 80.7 62.2 93.2

179 23.3 18.1 27.1

108 22.9 16.6 25.0

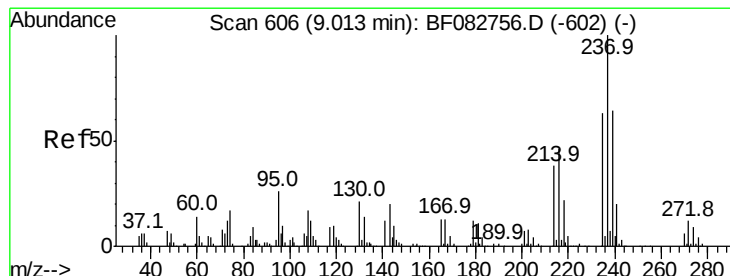
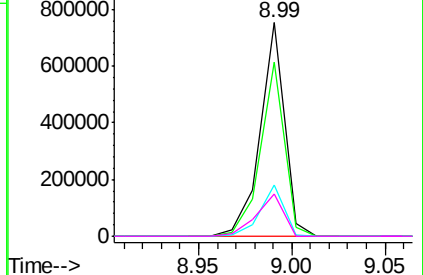
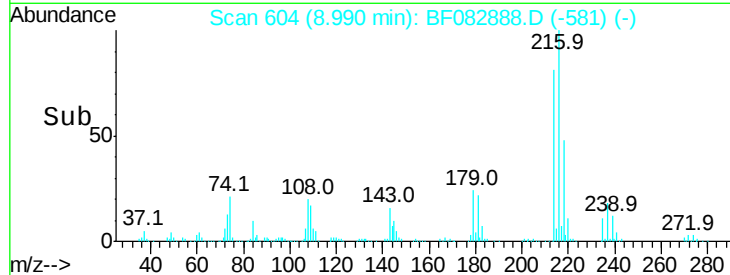


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.94 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

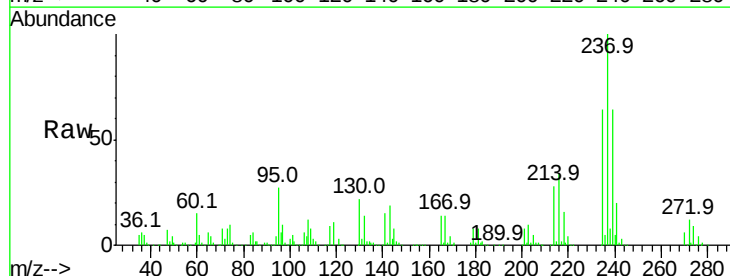
Tgt Ion:237 Resp: 494736

Ion Ratio Lower Upper

237 100

235 63.7 44.3 84.3

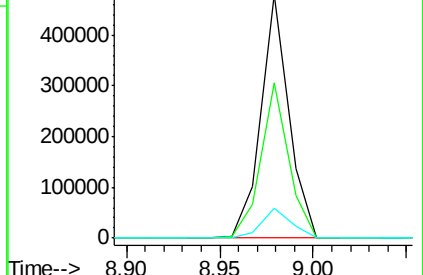
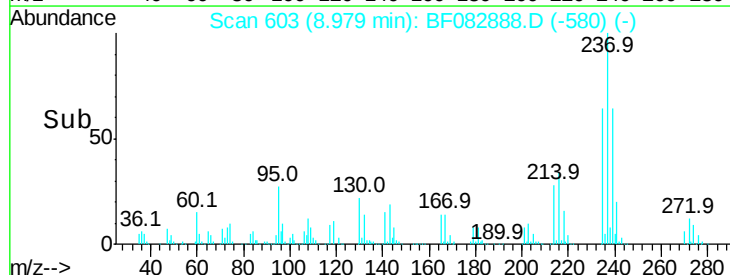
272 12.0 0.0 31.9

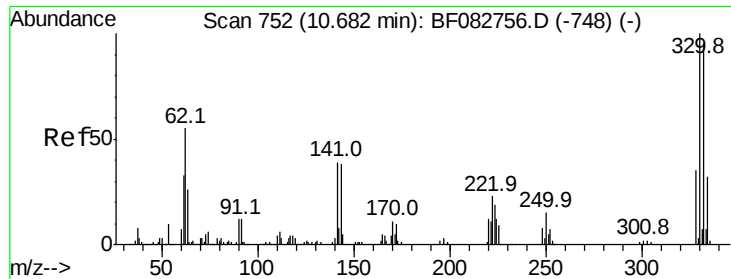


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

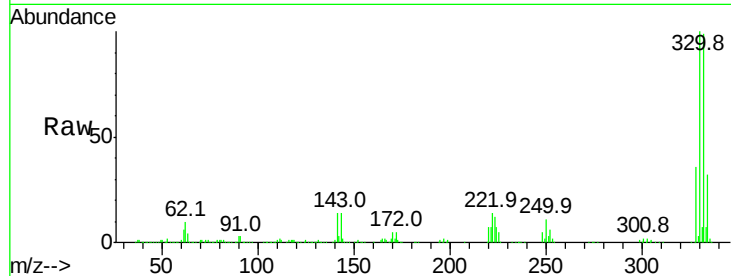




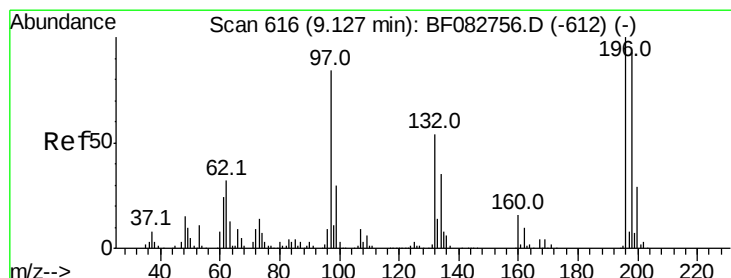
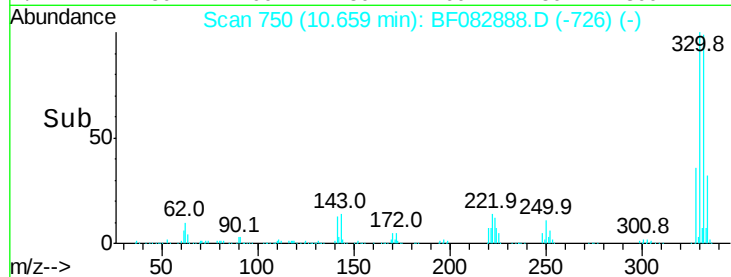
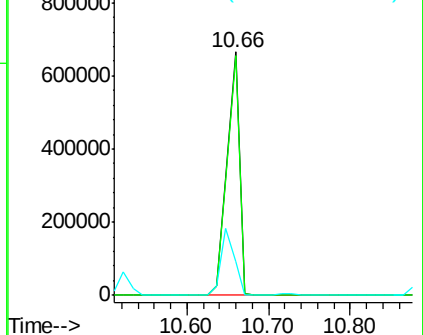
#41
 2,4,6-Tribromophenol
 Concen: 113.86 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion:330 Resp: 704370
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 29.9 41.2 61.8#

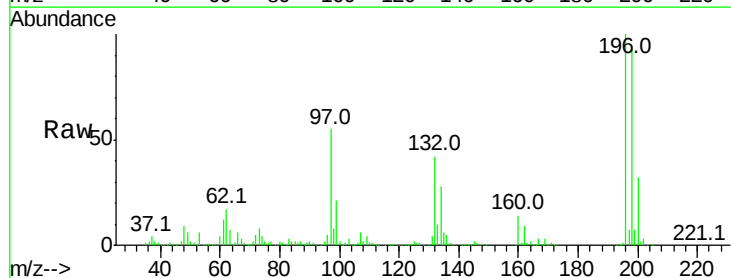


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

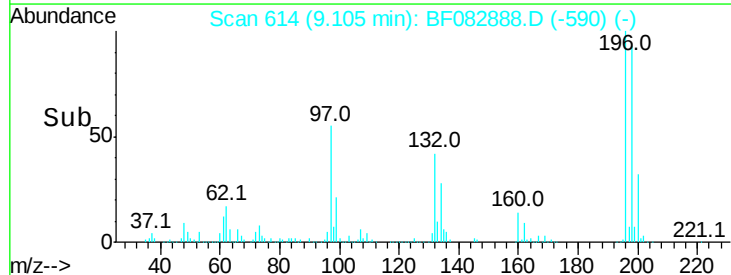
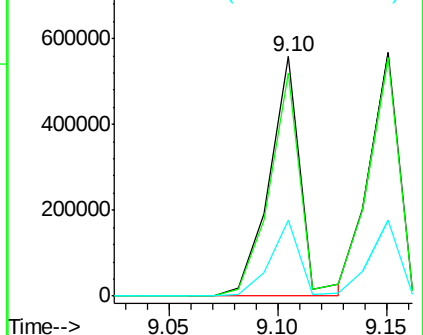


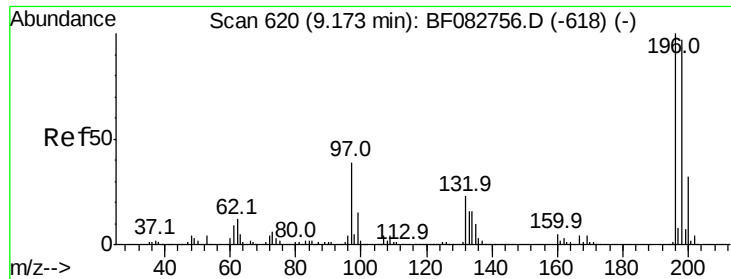
#42
 2,4,6-Trichlorophenol
 Concen: 42.01 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion:196 Resp: 556050
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.3 114.5
 200 31.6 23.9 35.9



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

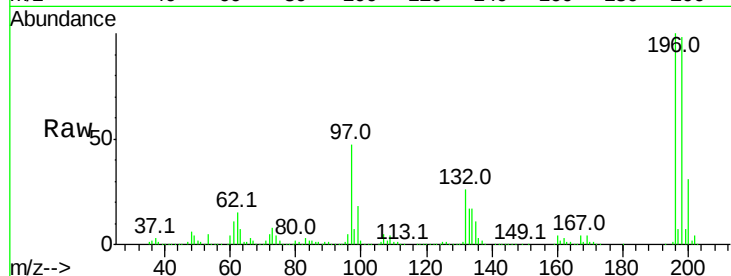




#43
 2,4,5-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.8	113.8
97	47.0	62.3	93.5#
132	26.5	27.4	41.2#



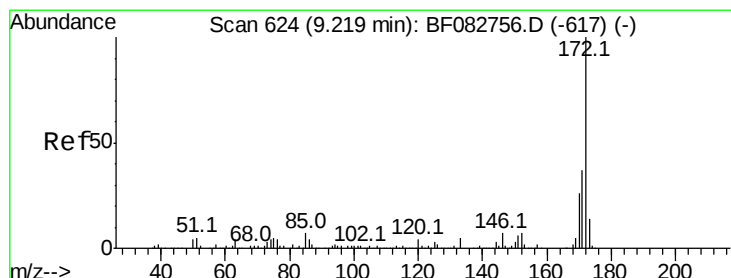
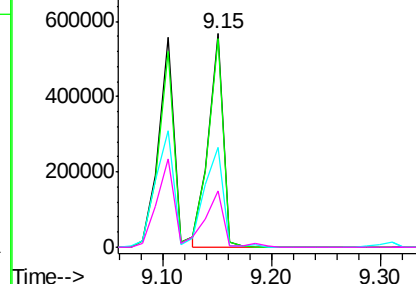
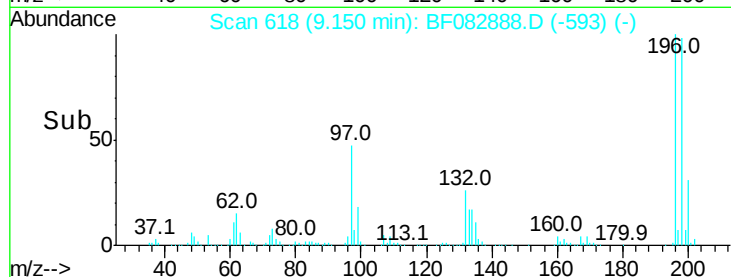
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

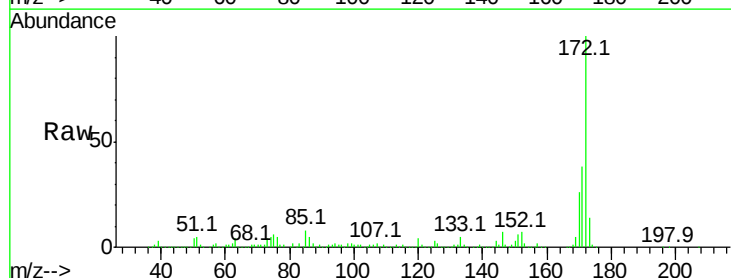
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.00 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.5	21.2	31.8

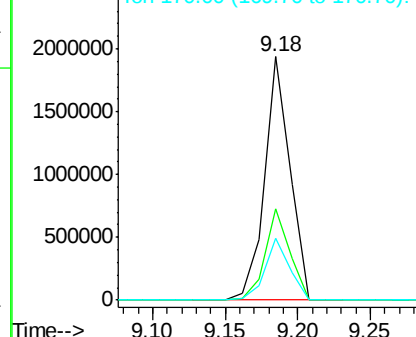
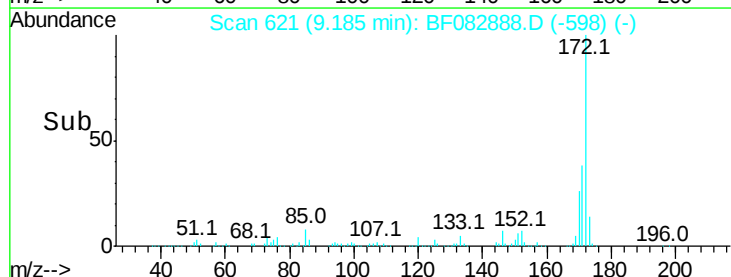


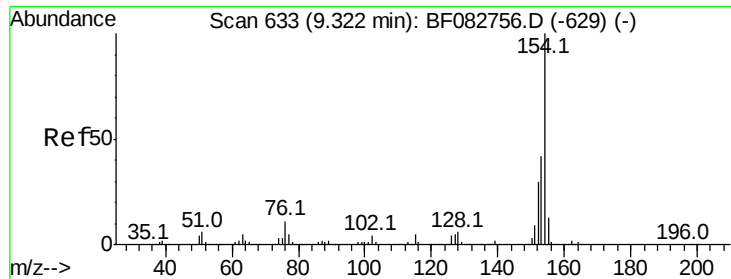
Abundance

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: 37.10 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

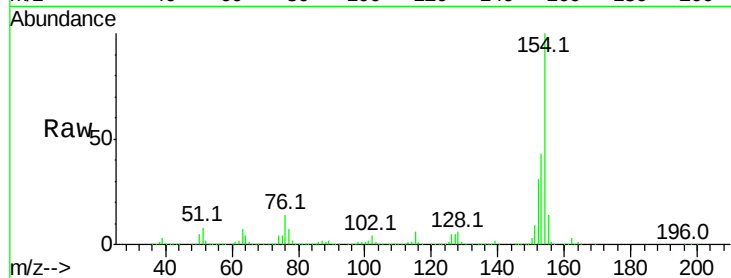
Tot Ion:154 Resp: 1717468

Ion Ratio Lower Upper

154 100

153 42.8 22.0 62.0

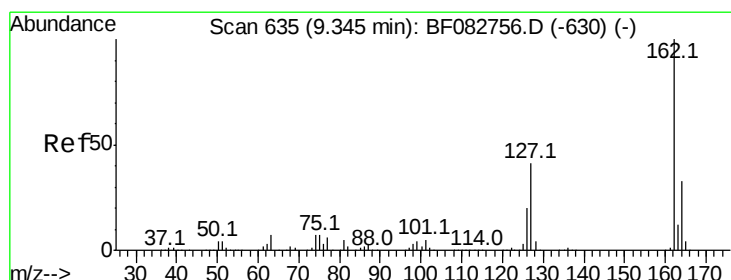
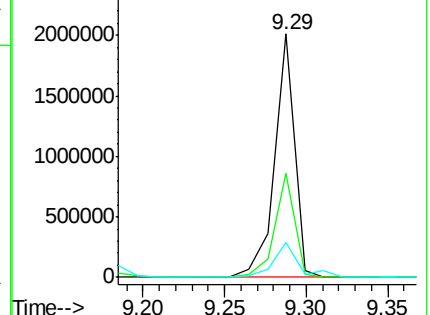
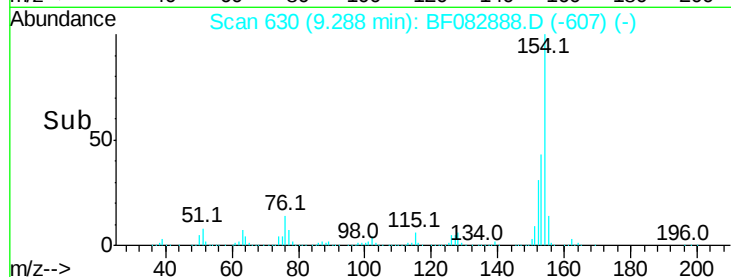
76 14.4 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.84 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

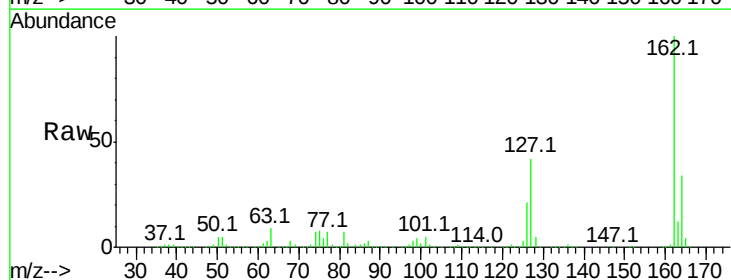
Tgt Ion:162 Resp: 1402475

Ion Ratio Lower Upper

162 100

127 42.2 32.7 49.1

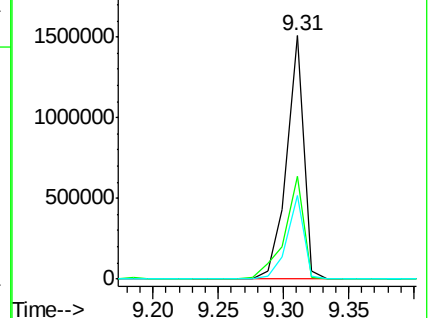
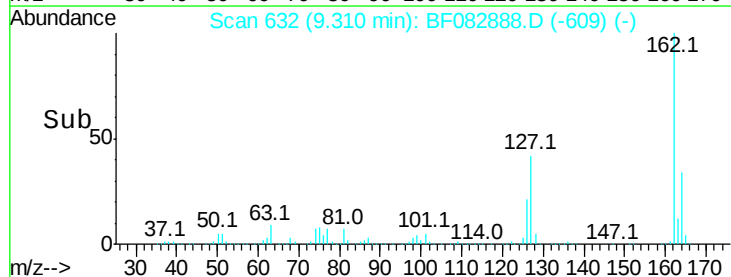
164 34.3 27.4 41.0

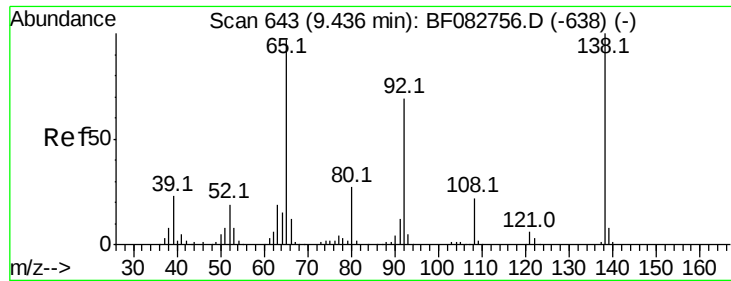


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

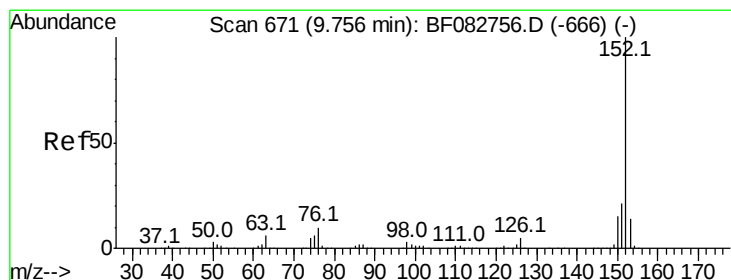
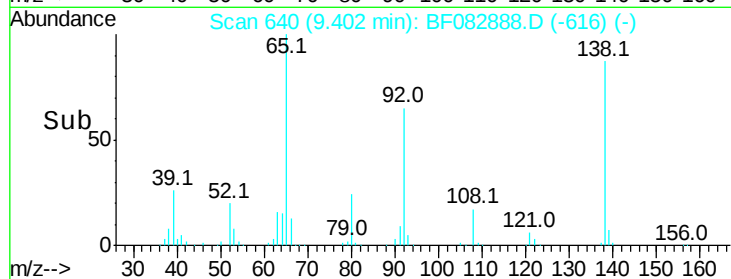
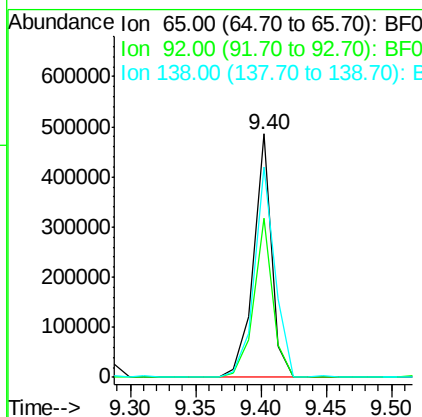
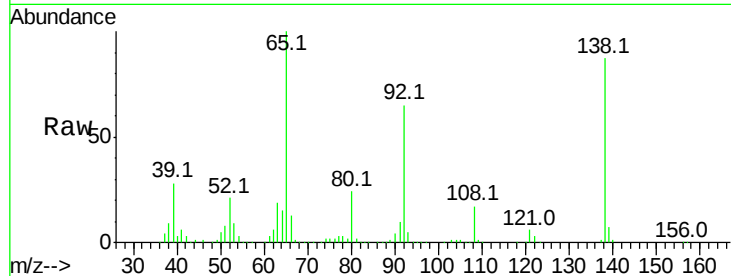




#47
2-Nitroaniline
Concen: 35.27 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

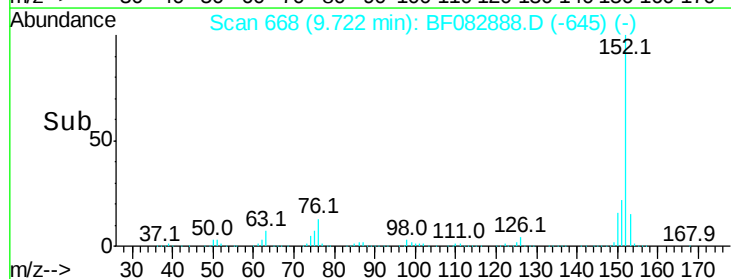
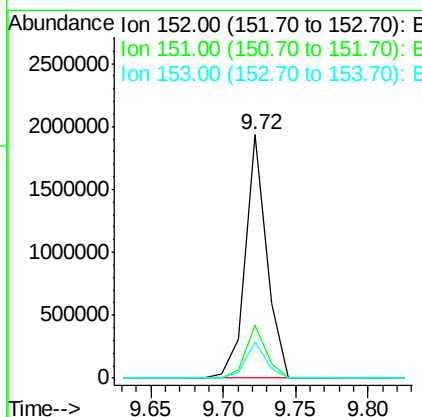
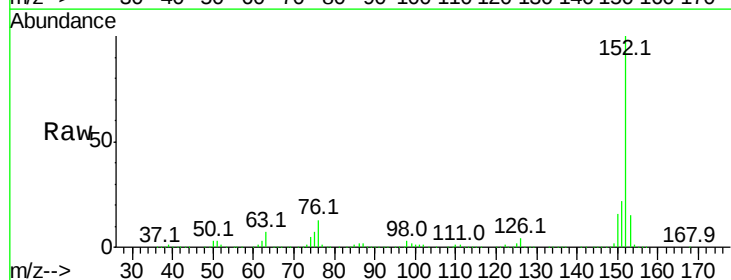
Instrument :
BNA_F
ClientSampleId :
T-14CMS

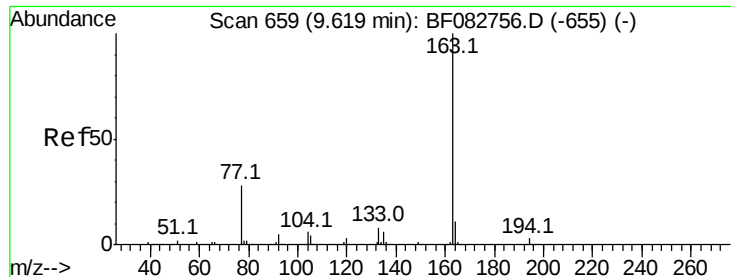
Tot Ion: 65 Resp: 472556
Ion Ratio Lower Upper
65 100
92 65.3 46.6 70.0
138 86.5 54.6 81.8#



#48
Acenaphthylene
Concen: 34.96 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion: 152 Resp: 1978651
Ion Ratio Lower Upper
152 100
151 21.9 17.3 25.9
153 14.7 11.3 16.9

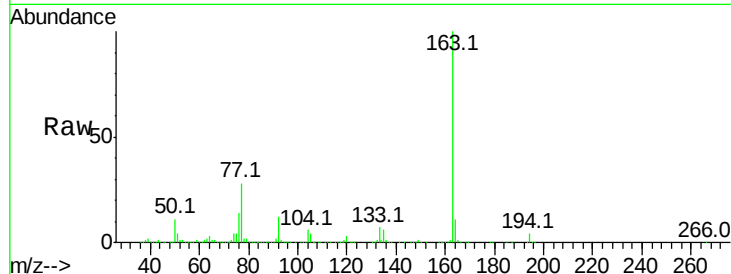




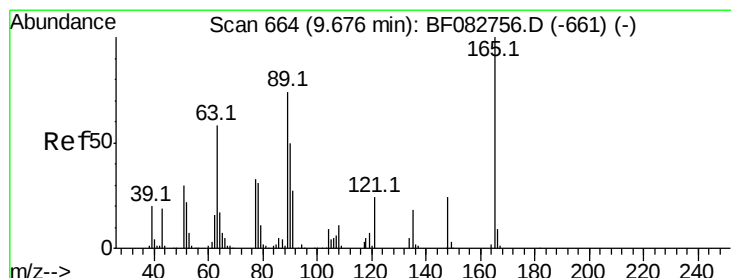
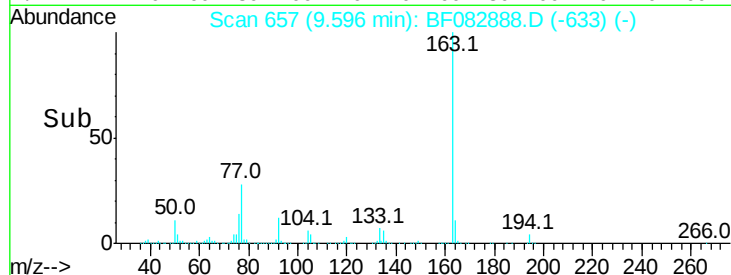
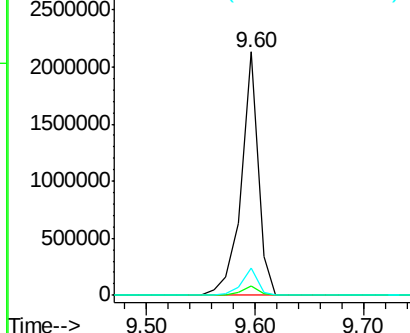
#49
Dimethylphthalate
Concen: 51.42 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Instrument :
BNA_F
ClientSampled :
T-14CMS

Tot Ion:163 Resp: 2272829
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 11.4 8.7 13.1

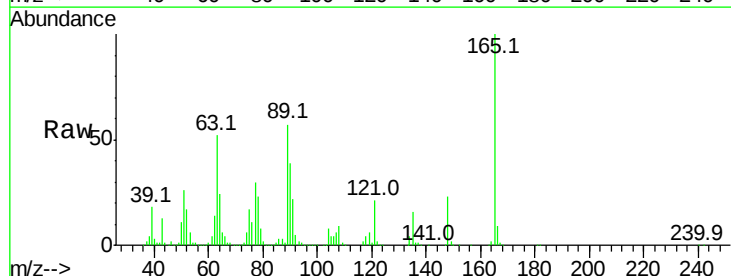


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

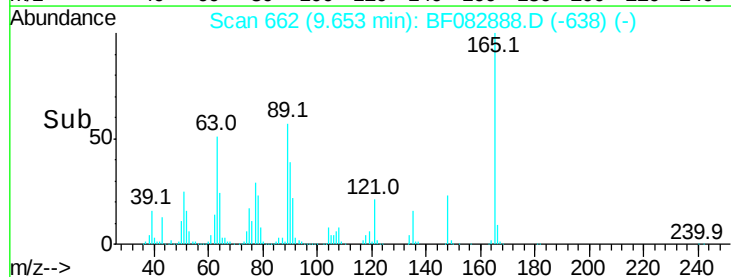
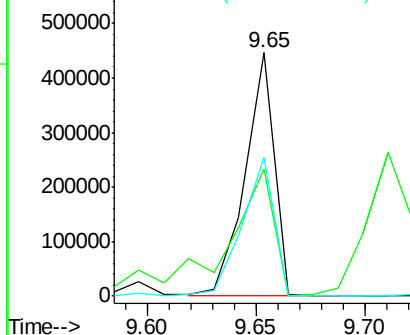


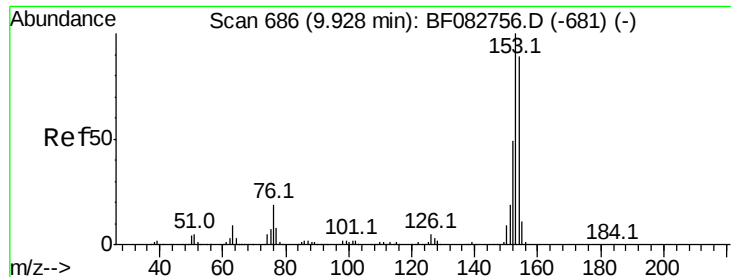
#50
2,6-Dinitrotoluene
Concen: 44.06 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:165 Resp: 415529
Ion Ratio Lower Upper
165 100
63 52.1 55.5 83.3#
89 56.9 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: 37.08 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

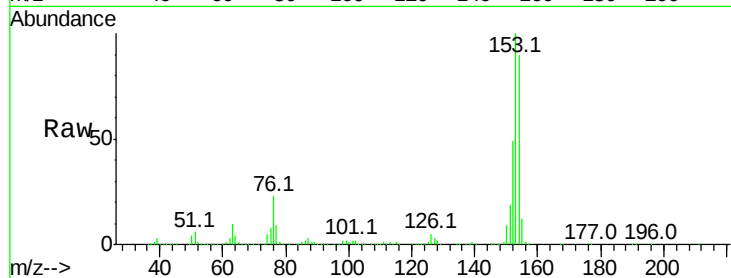
Tot Ion:154 Resp: 1330145

Ion Ratio Lower Upper

154 100

153 111.0 90.1 135.1

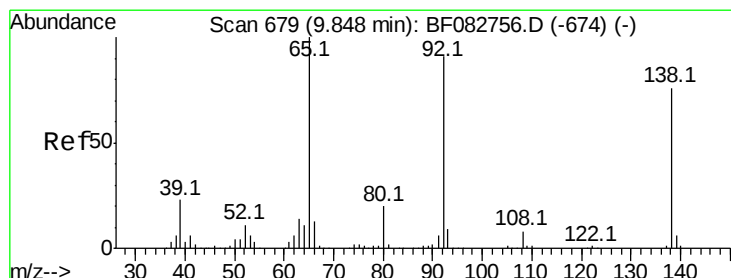
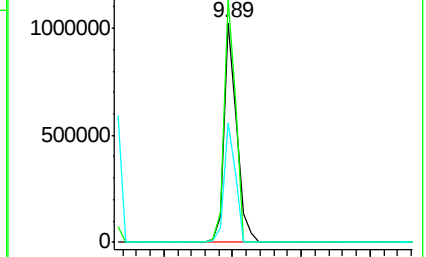
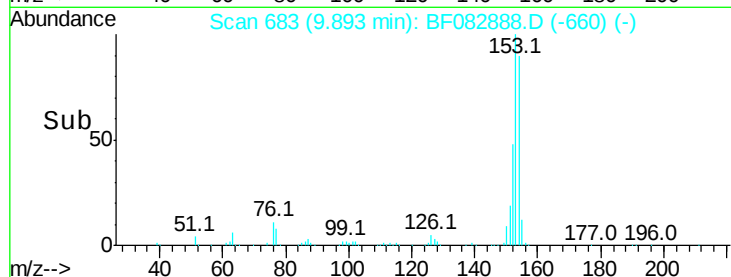
152 54.4 44.3 66.5



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: 25.83 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

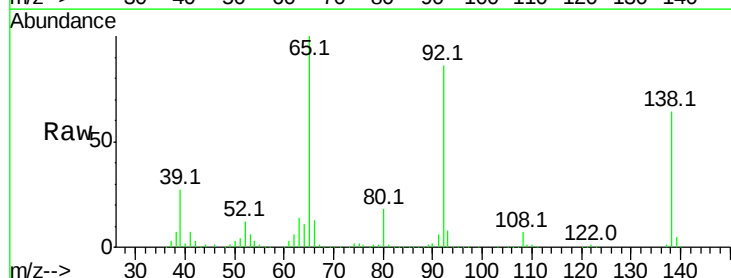
Tgt Ion:138 Resp: 267982

Ion Ratio Lower Upper

138 100

108 11.1 11.3 16.9#

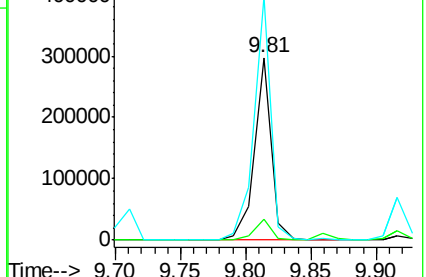
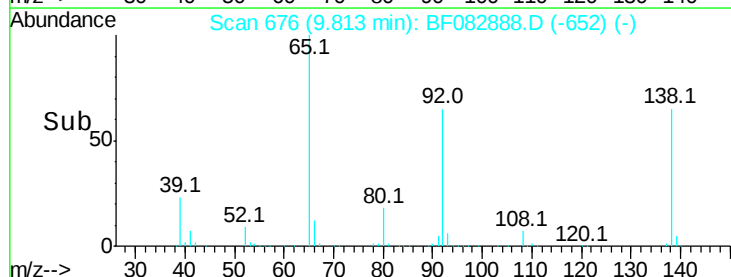
92 133.4 122.4 183.6

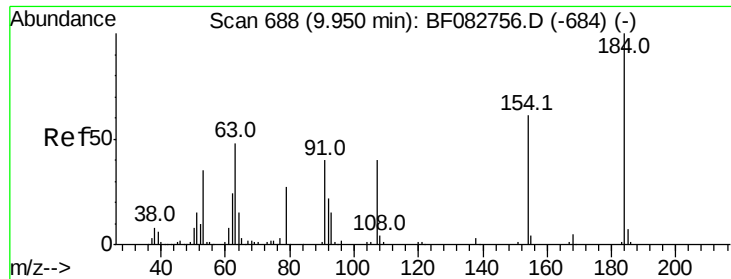


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

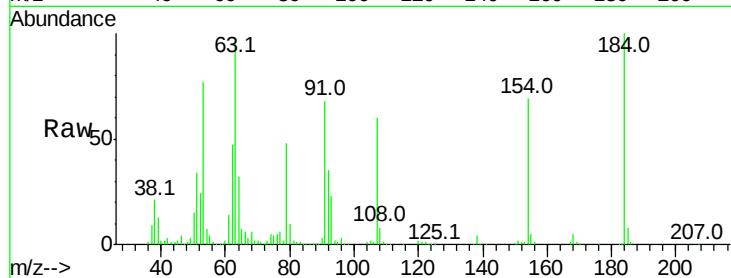




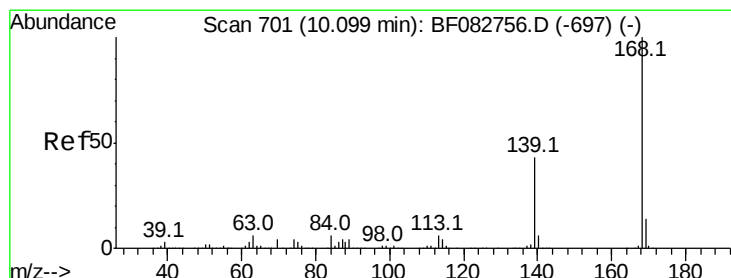
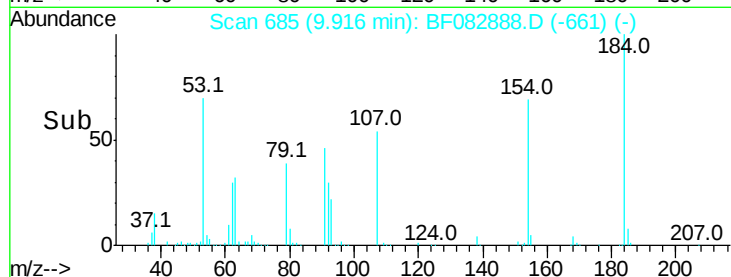
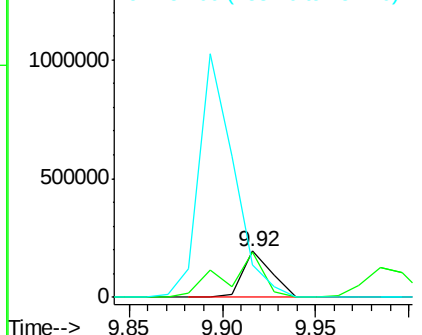
#53
2,4-Dinitrophenol
Concen: 40.71 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Instrument :
BNA_F
ClientSampled :
T-14CMS

Tot Ion:184 Resp: 210824
Ion Ratio Lower Upper
184 100
63 96.3 98.6 148.0#
154 68.6 183.9 275.9#

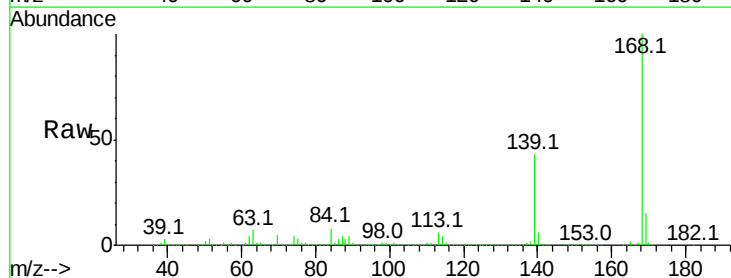


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

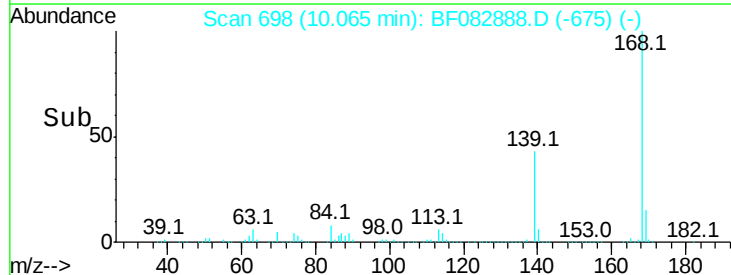
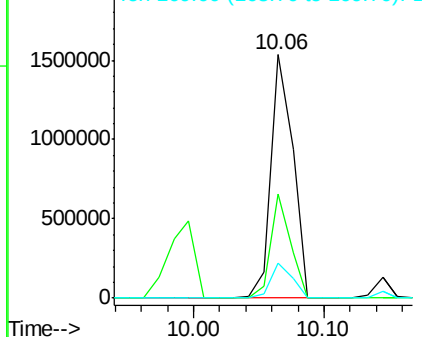


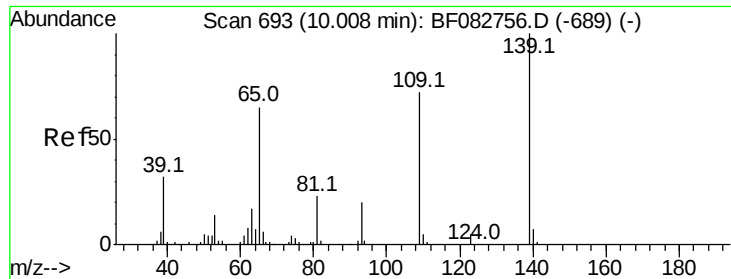
#54
Dibenzofuran
Concen: 37.75 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:168 Resp: 1825410
Ion Ratio Lower Upper
168 100
139 42.9 37.8 56.6
169 14.6 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

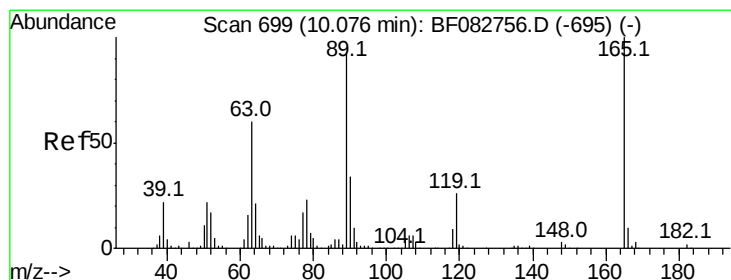
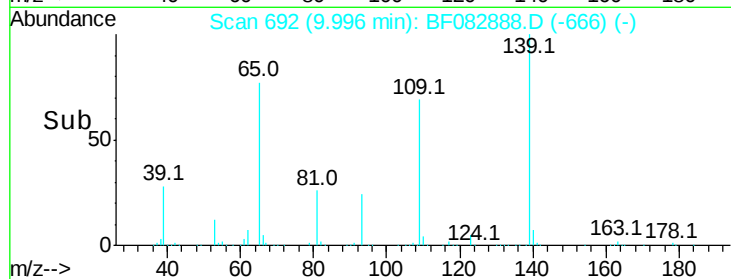
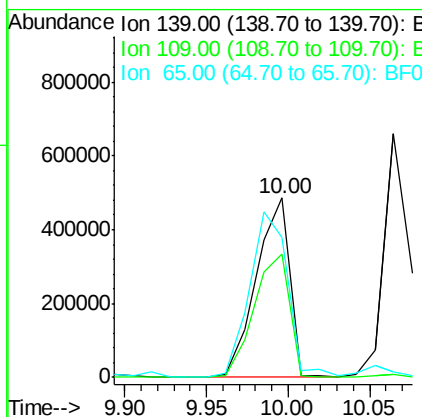
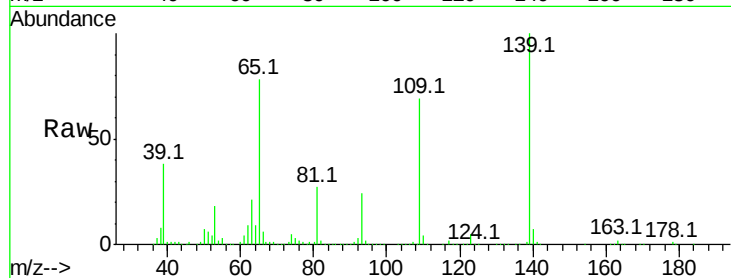




#55
4-Nitrophenol
Concen: 86.50 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

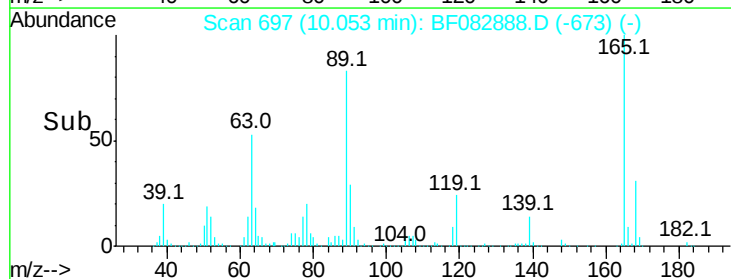
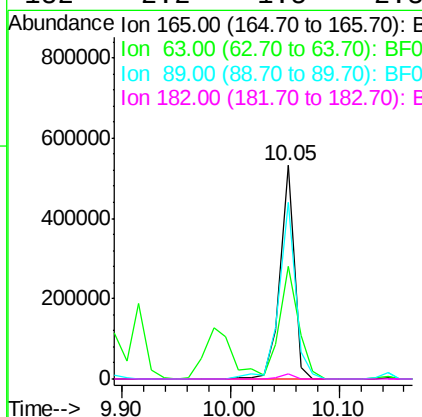
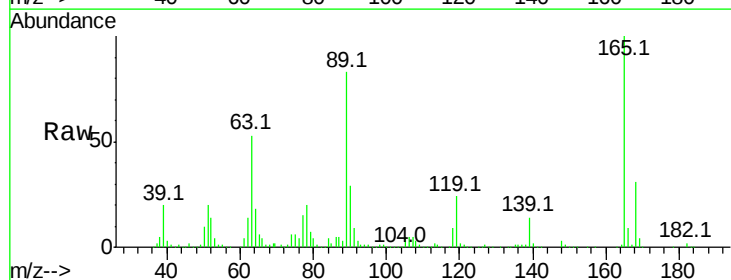
Instrument :
BNA_F
ClientSampled :
T-14CMS

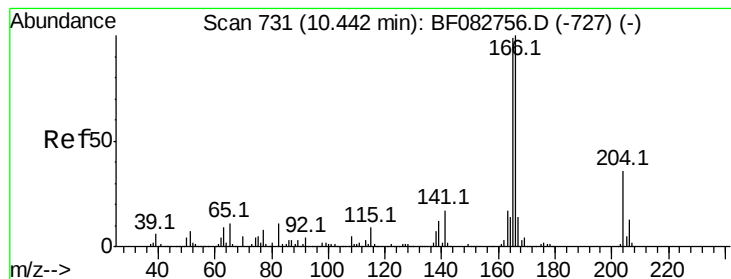
Tot Ion:139 Resp: 688371
Ion Ratio Lower Upper
139 100
109 68.9 73.7 113.7#
65 78.4 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 37.27 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:165 Resp: 476988
Ion Ratio Lower Upper
165 100
63 52.8 43.4 65.0
89 83.0 70.6 106.0
182 2.2 1.5 2.3





#57

Fluorene

Concen: 33.33 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

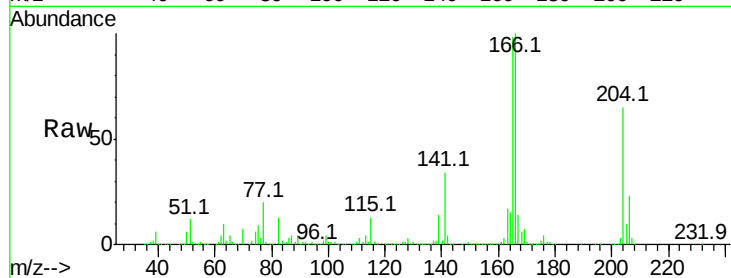
Tot Ion:166 Resp: 1305533

Ion Ratio Lower Upper

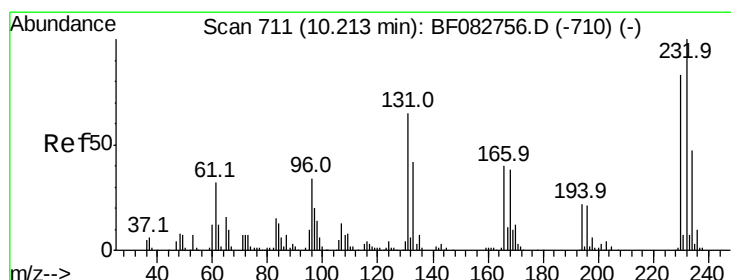
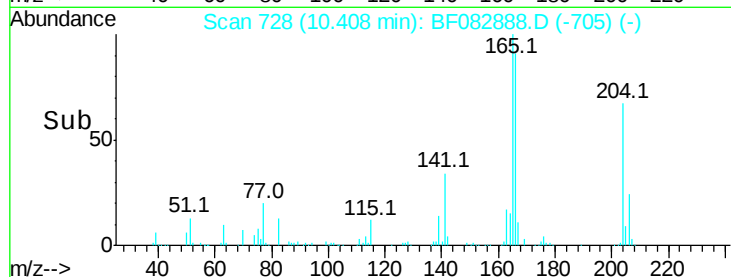
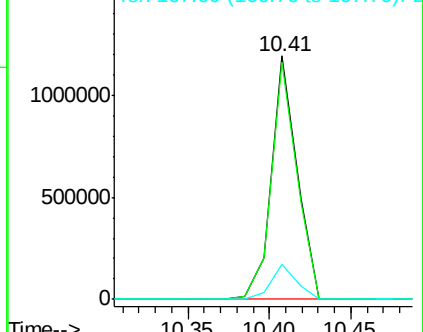
166 100

165 97.6 80.2 120.4

167 14.2 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: 42.03 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Tgt Ion:232 Resp: 448958

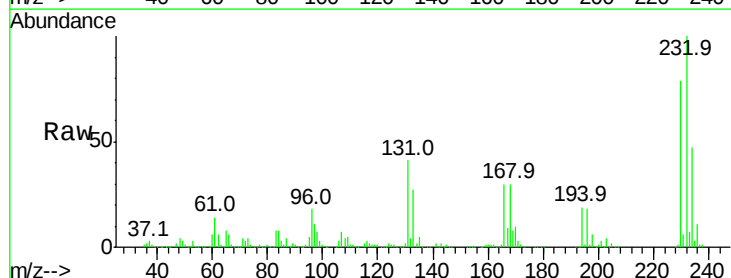
Ion Ratio Lower Upper

232 100

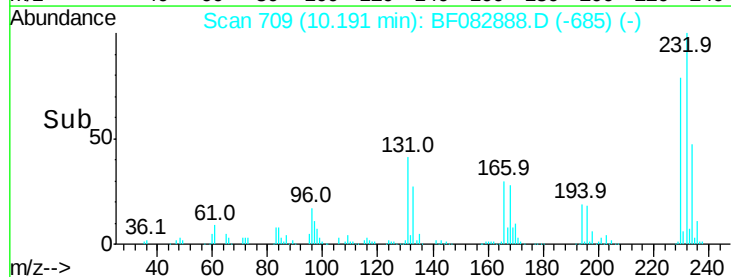
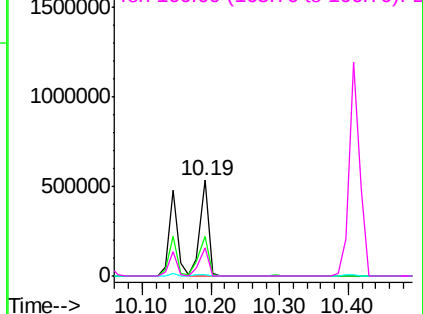
131 46.5 46.2 69.2

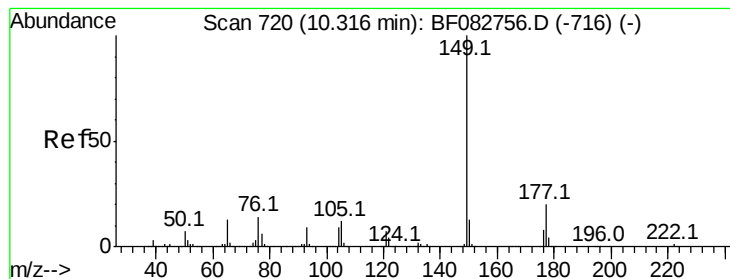
130 2.3 2.4 3.6#

166 31.2 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: 36.67 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

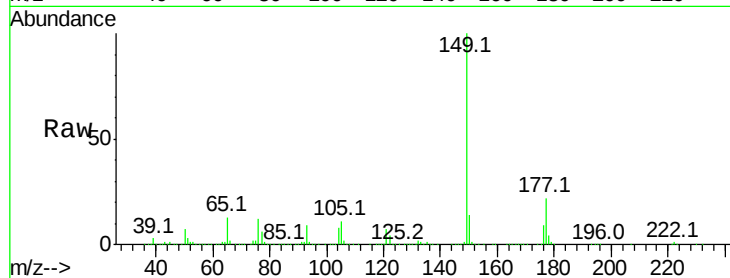
Tot Ion:149 Resp: 1582493

Ion Ratio Lower Upper

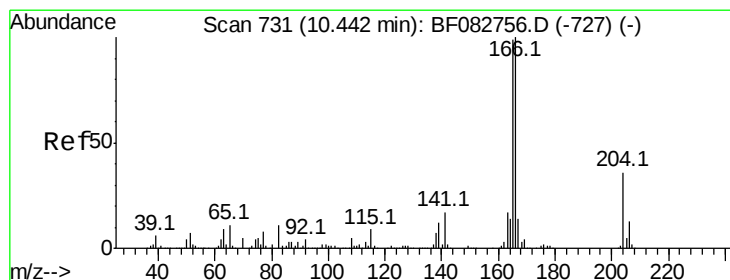
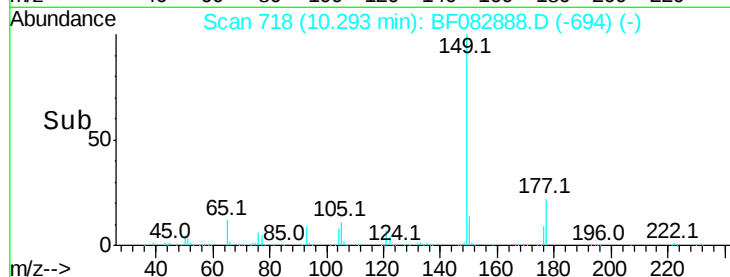
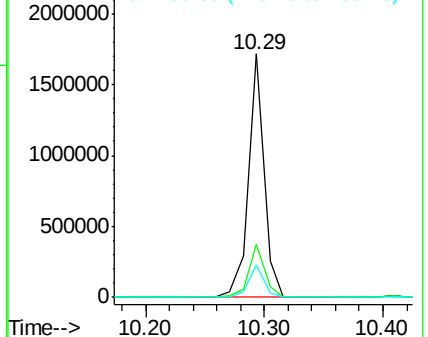
149 100

177 21.8 17.9 26.9

150 13.5 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 37.85 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

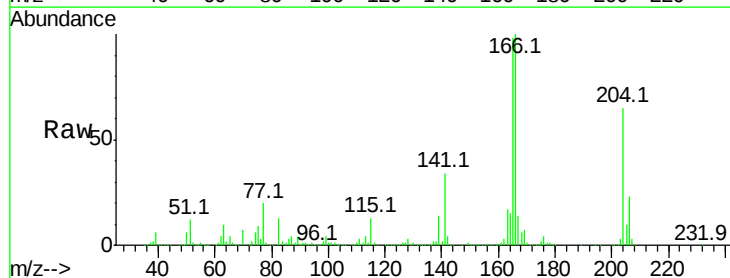
Tgt Ion:204 Resp: 741727

Ion Ratio Lower Upper

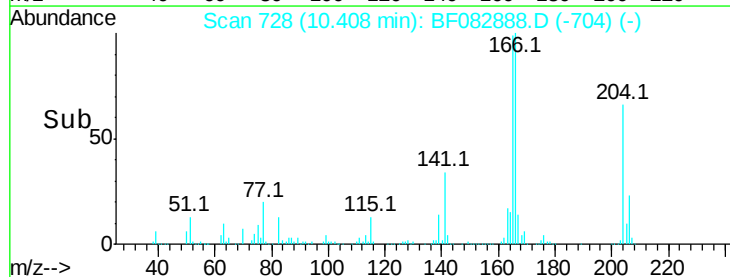
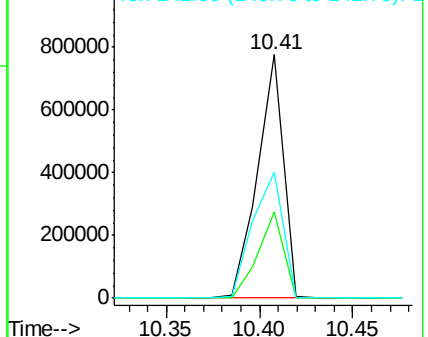
204 100

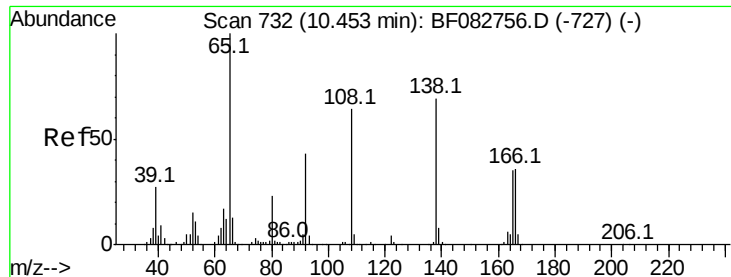
206 35.2 28.5 42.7

141 51.7 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

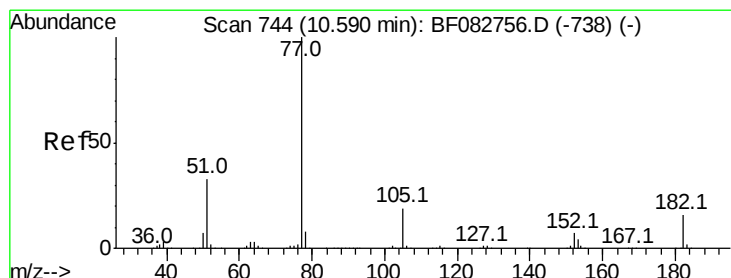
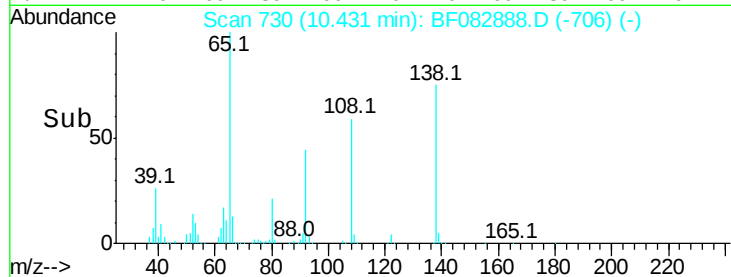
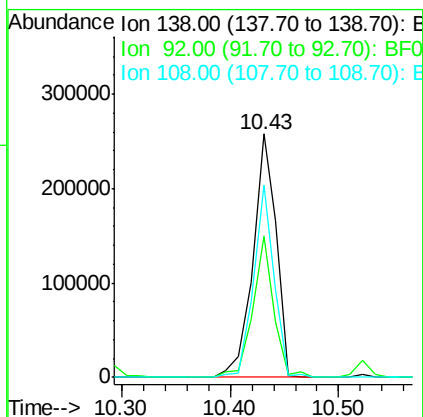
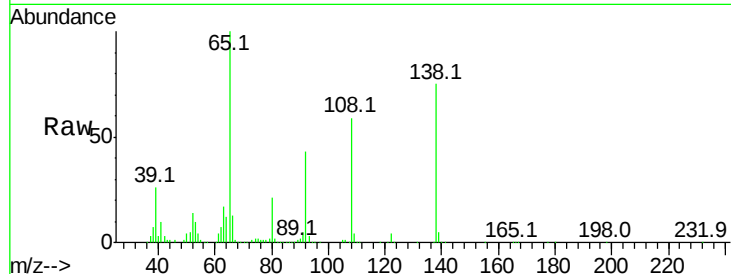




#61
4-Nitroaniline
Concen: 36.79 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

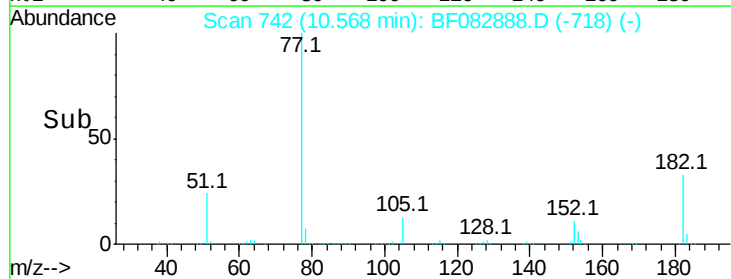
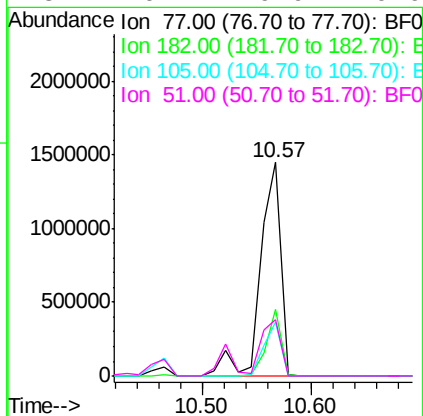
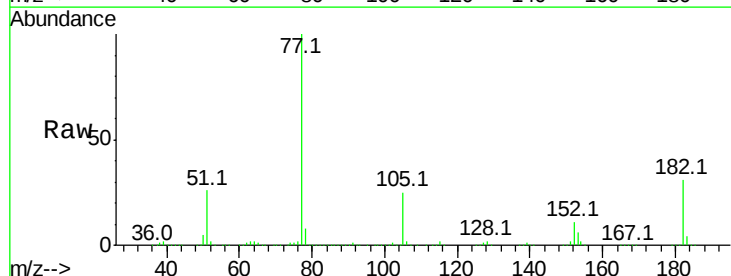
Instrument :
BNA_F
ClientSampleId :
T-14CMS

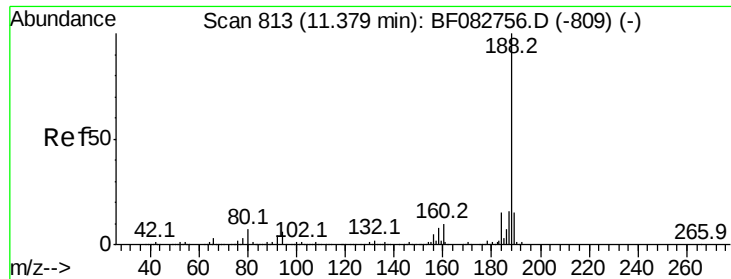
Tot Ion:138 Resp: 383803
Ion Ratio Lower Upper
138 100
92 58.1 45.8 85.8
108 78.9 89.4 129.4#



#62
Azobenzene
Concen: 41.32 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion: 77 Resp: 1915801
Ion Ratio Lower Upper
77 100
182 31.0 9.3 49.3
105 25.1 2.6 42.6
51 26.4 9.9 49.9

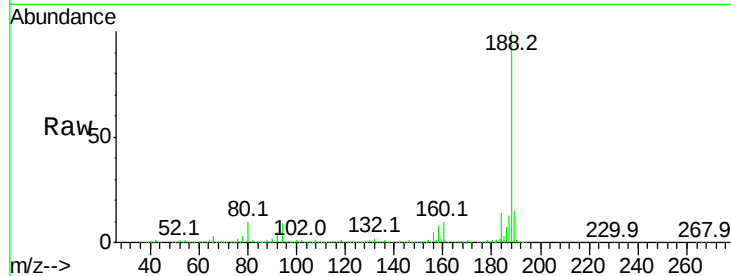




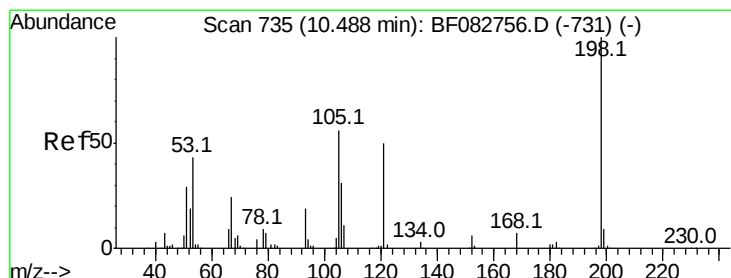
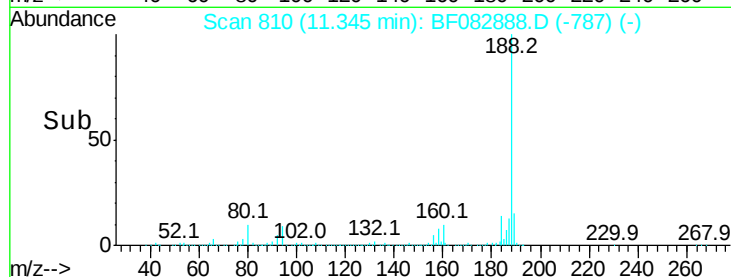
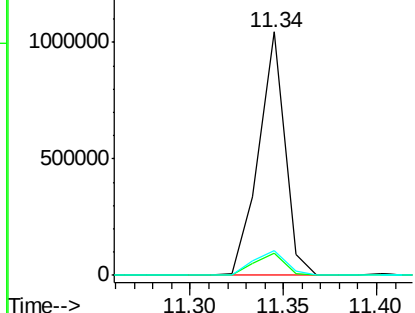
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion:188 Resp: 1016656
Ion Ratio Lower Upper
188 100
94 9.1 6.1 9.1
80 10.0 7.0 10.6

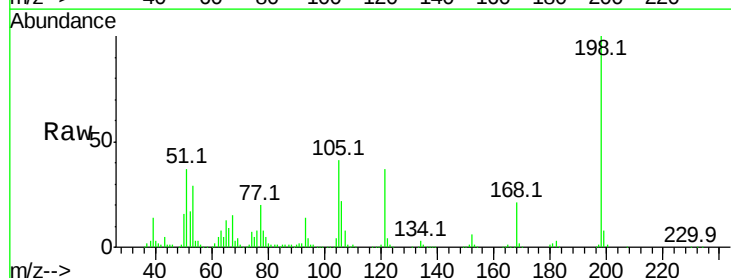


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

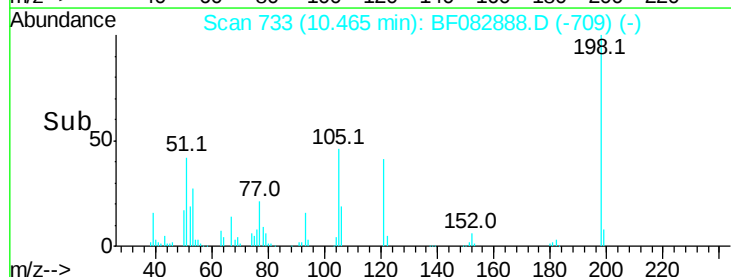
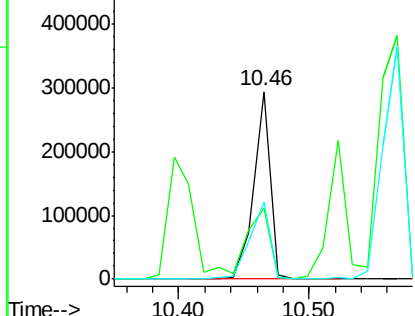


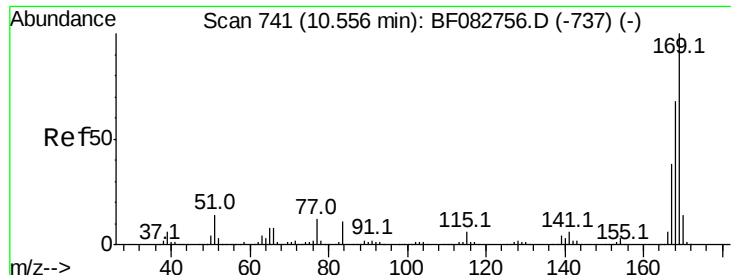
#64
4,6-Dinitro-2-methylphenol
Concen: 35.97 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:198 Resp: 260500
Ion Ratio Lower Upper
198 100
51 37.4 17.3 57.3
105 41.1 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

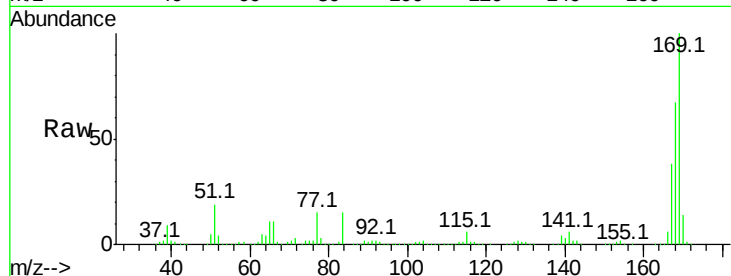




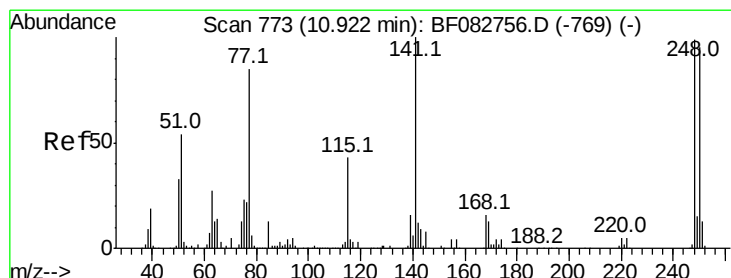
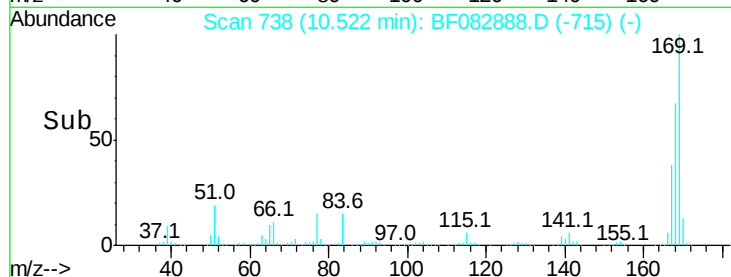
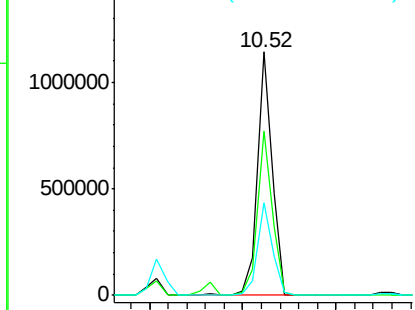
#65
n-Nitrosodiphenylamine
Concen: 34.26 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion:169 Resp: 1258324
Ion Ratio Lower Upper
169 100
168 67.4 55.0 82.6
167 37.8 30.5 45.7

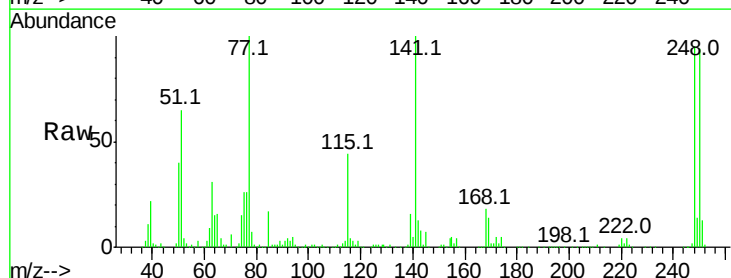


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

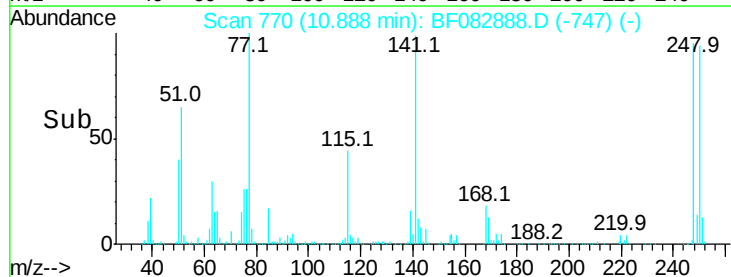
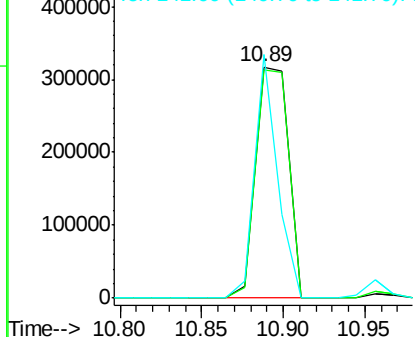


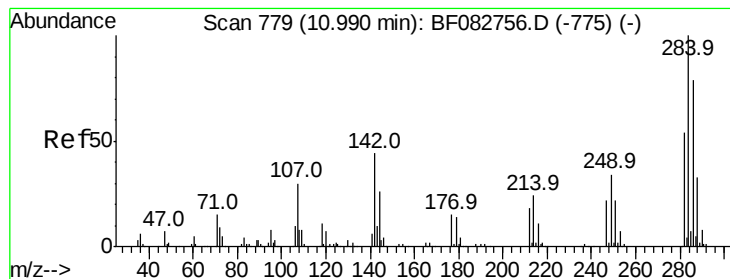
#66
4-Bromophenyl-phenylether
Concen: 36.19 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF082888.D
Acq: 11 Nov 2015 00:09

Tgt Ion:248 Resp: 443080
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.2
141 105.4 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: 35.47 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

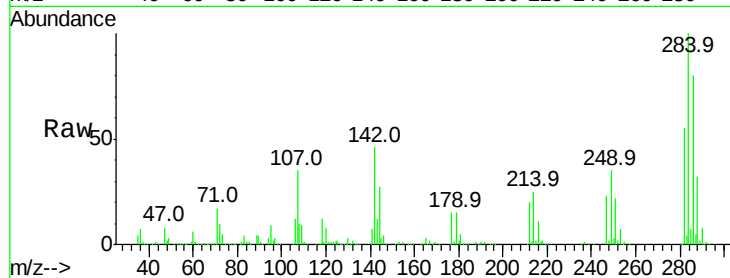
Tot Ion:284 Resp: 484824

Ion Ratio Lower Upper

284 100

142 45.6 47.9 71.9#

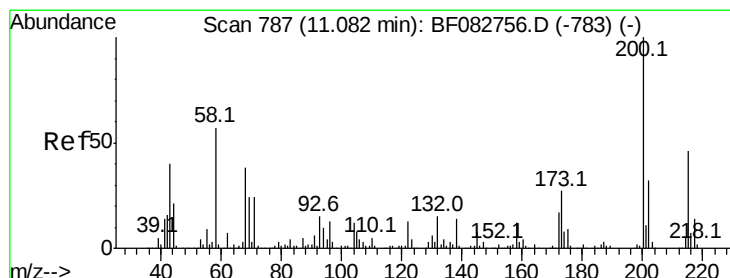
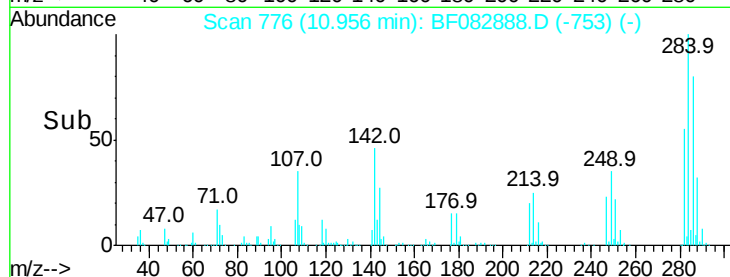
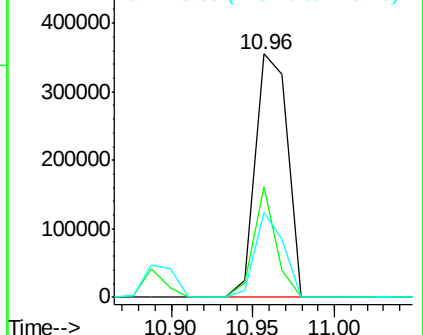
249 34.9 29.7 44.5



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: 42.98 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

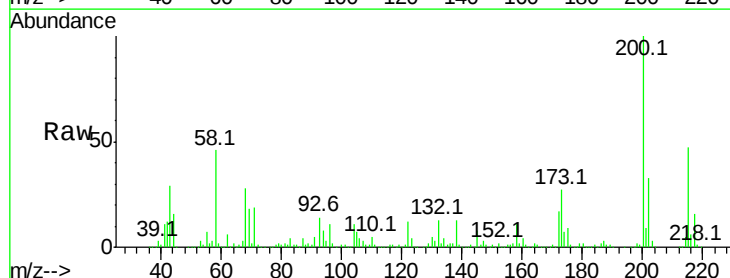
Tgt Ion:200 Resp: 488161

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

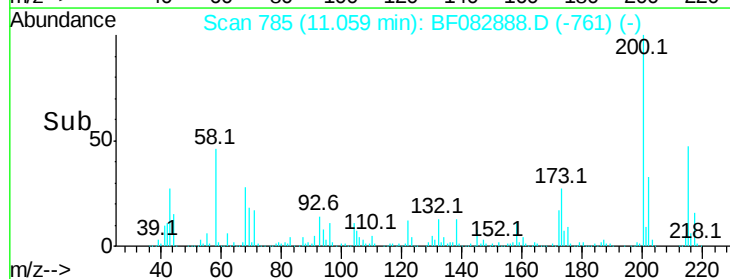
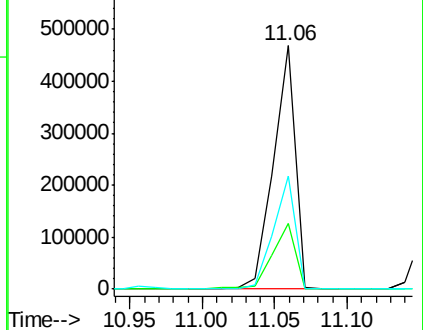
215 46.7 22.9 62.9

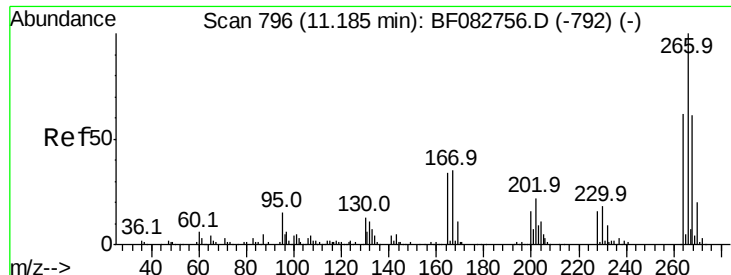


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

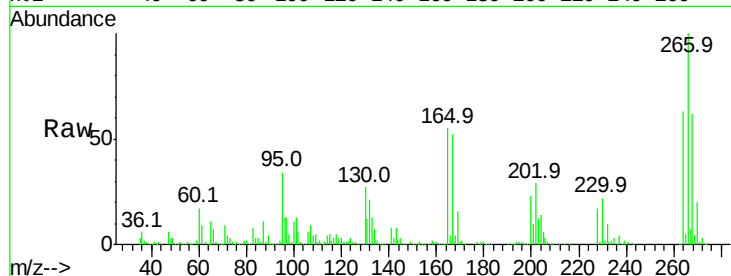




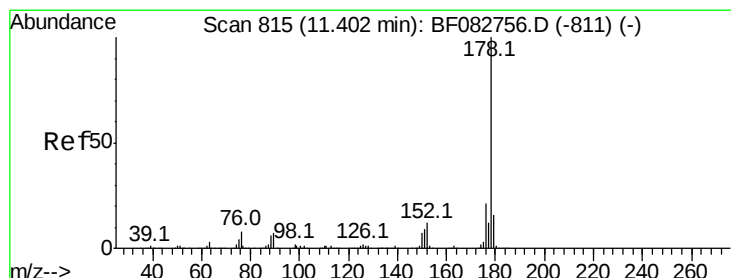
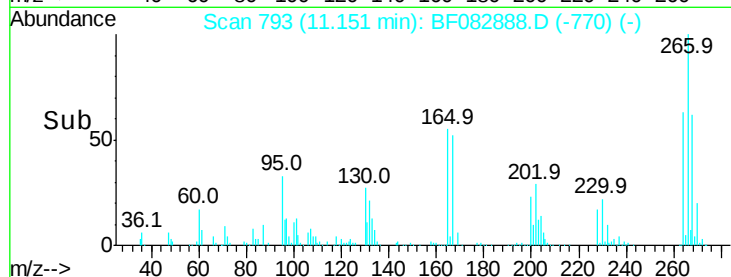
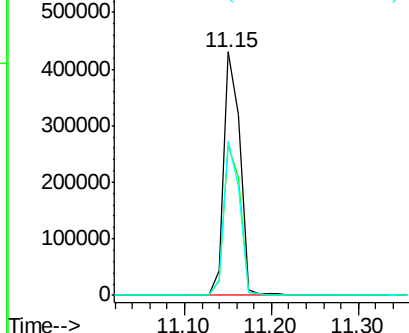
#69
 Pentachlorophenol
 Concen: 67.75 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.0	76.6
264	63.0	50.6	75.8

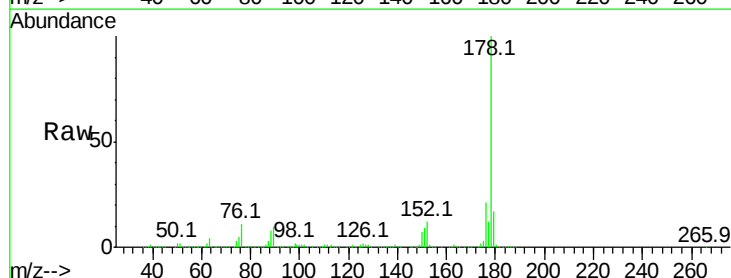


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

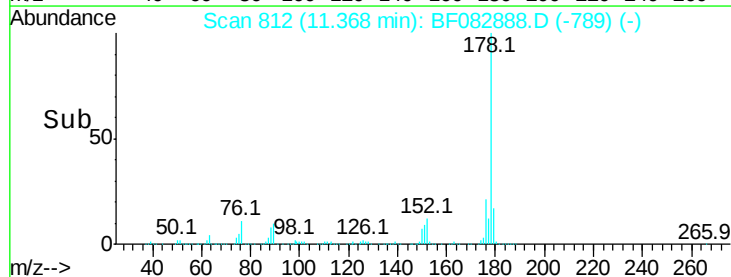
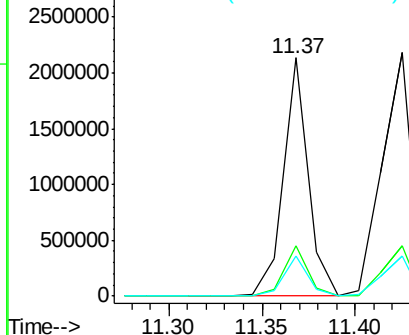


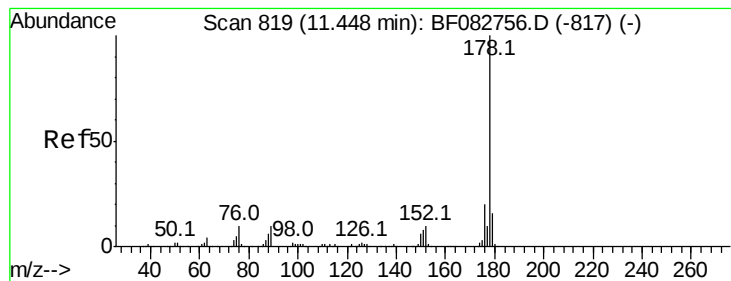
#70
 Phenanthrene
 Concen: 33.47 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	16.8	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: 37.11 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampled :

T-14CMS

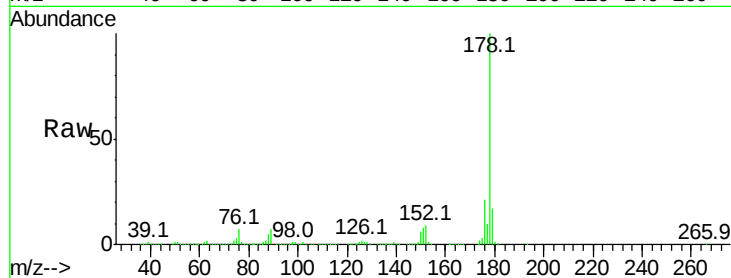
Tot Ion:178 Resp: 2308122

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

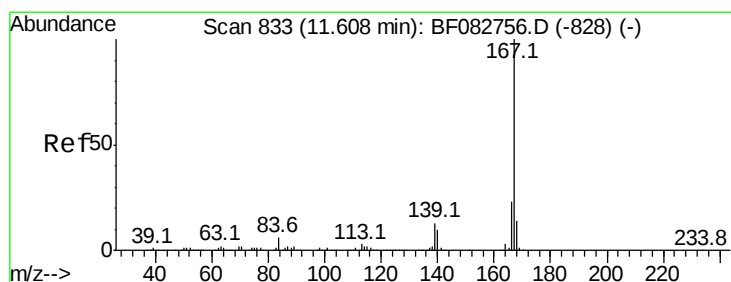
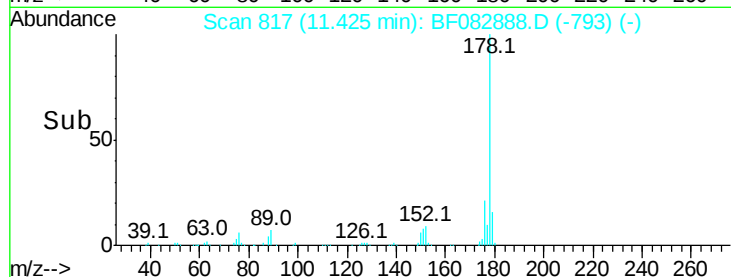
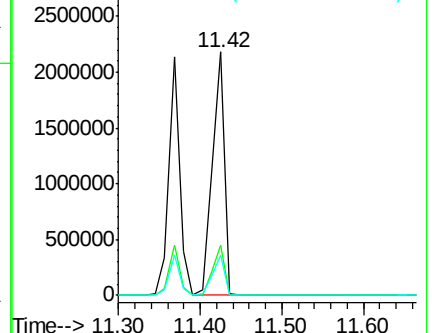
179 16.5 13.2 19.8



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: 33.74 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

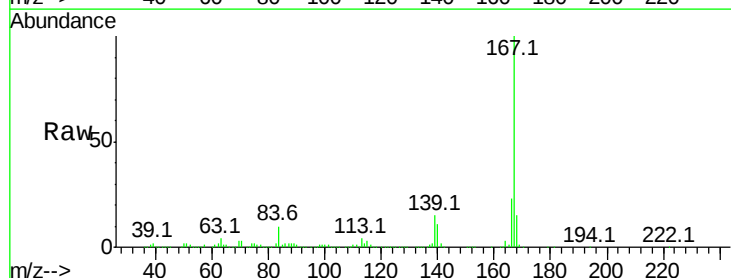
Tgt Ion:167 Resp: 1836933

Ion Ratio Lower Upper

167 100

166 23.4 18.7 28.1

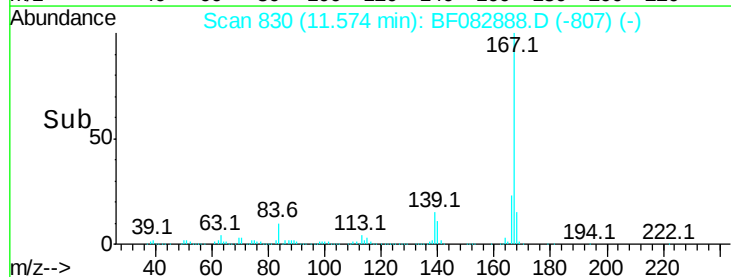
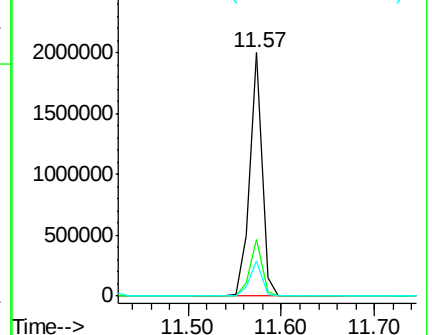
139 14.6 11.8 17.6

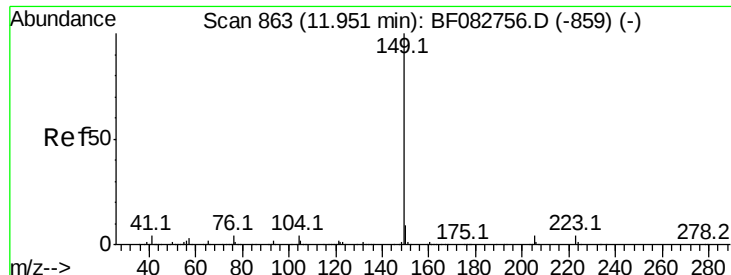


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.37 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

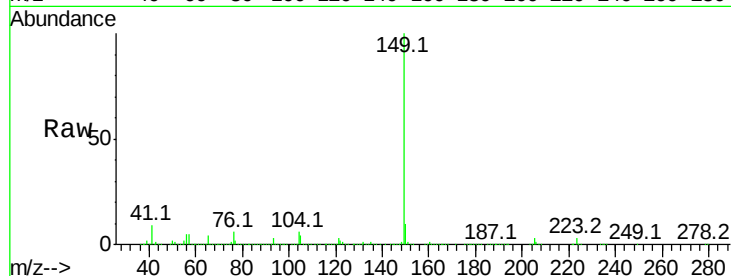
Tot Ion:149 Resp: 2467013

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

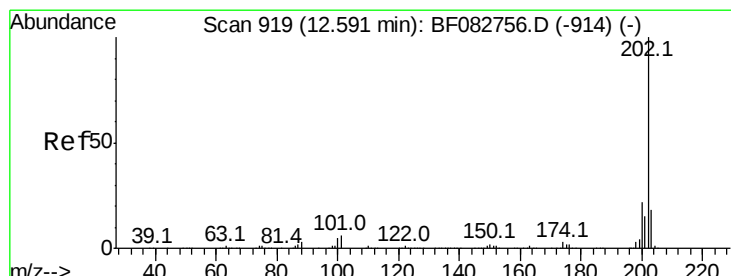
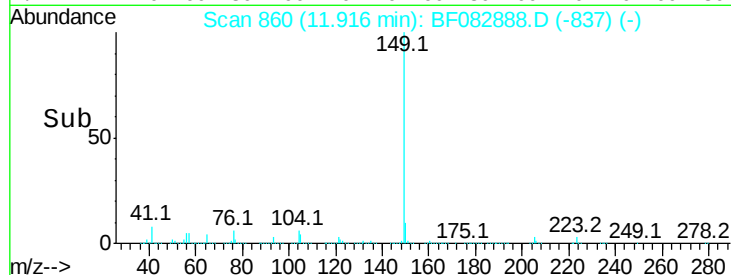
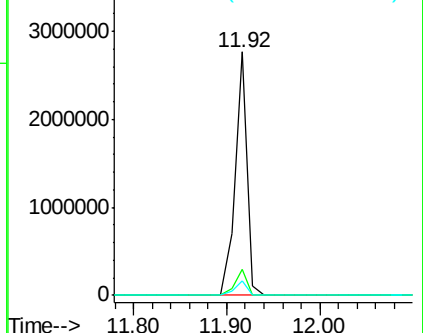
104 5.8 5.2 7.8



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: 35.26 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

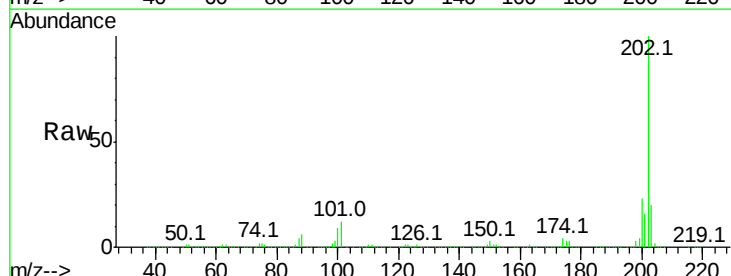
Tgt Ion:202 Resp: 2234206

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.5

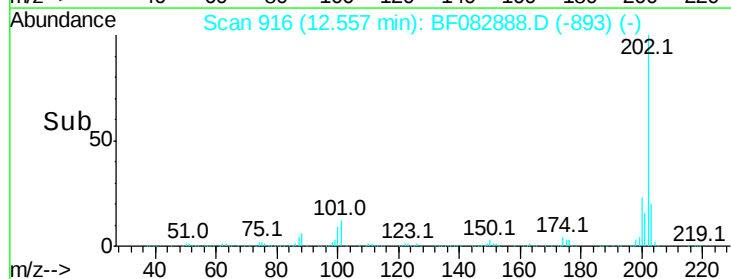
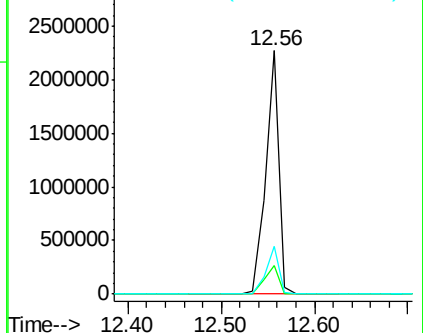
203 19.5 0.0 38.5

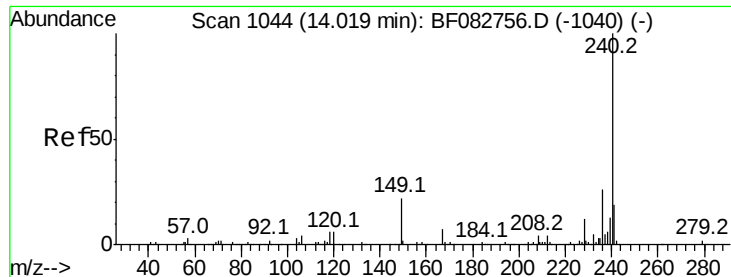


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

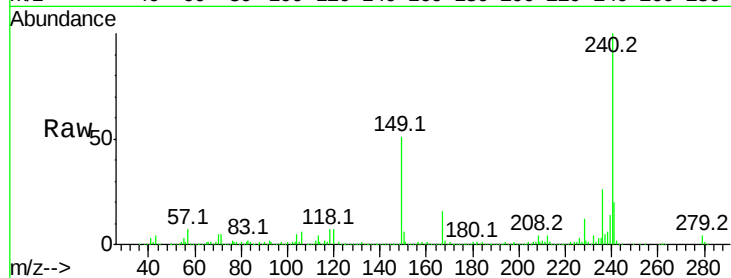
Tot Ion:240 Resp: 701466

Ion Ratio Lower Upper

240 100

120 7.3 10.9 16.3#

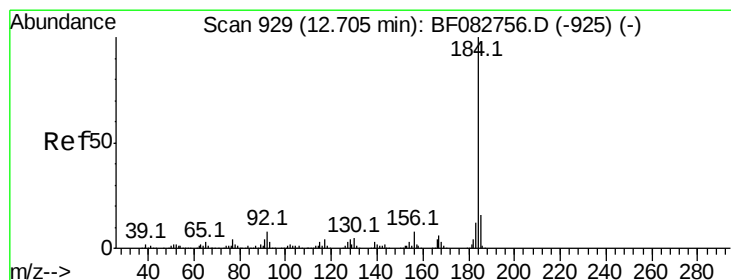
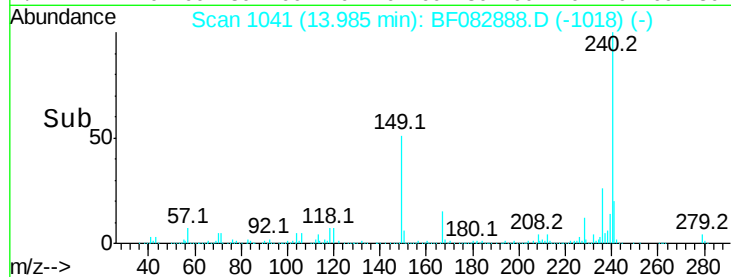
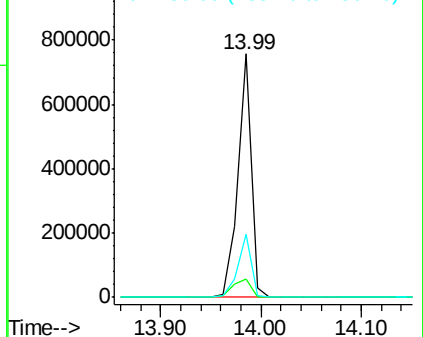
236 26.1 21.6 32.4



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: 26.56 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

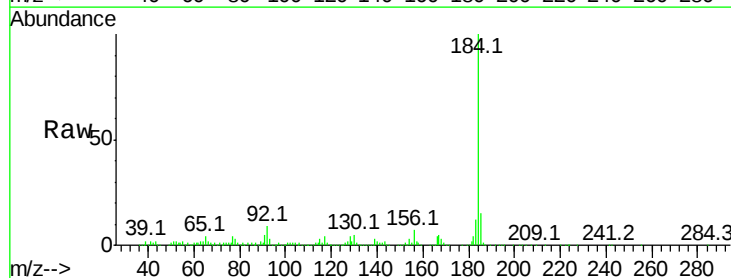
Tgt Ion:184 Resp: 624375

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

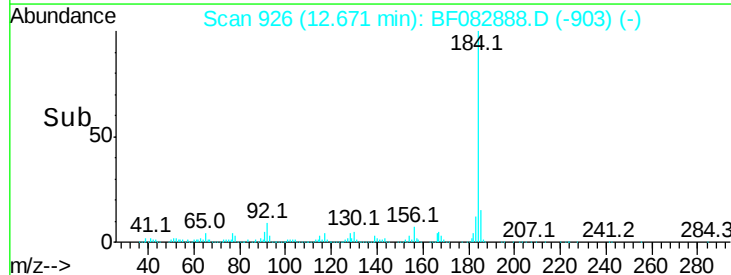
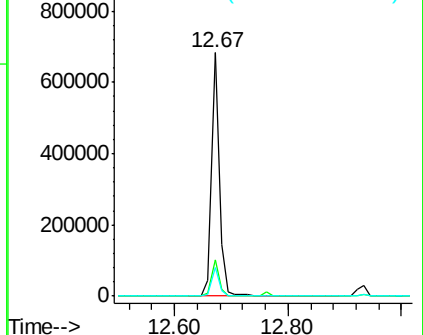
183 11.6 9.6 14.4

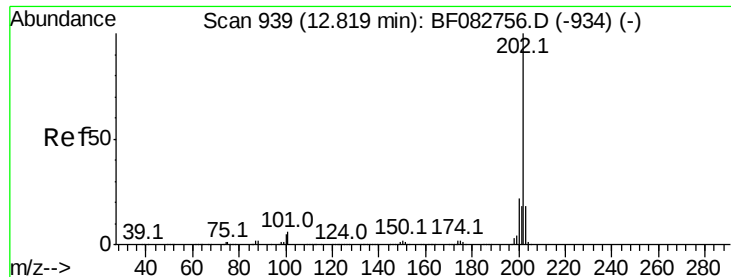


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.12 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

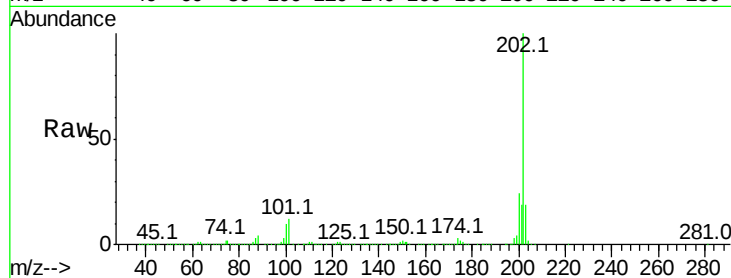
Tot Ion:202 Resp: 2318030

Ion Ratio Lower Upper

202 100

200 23.9 18.7 28.1

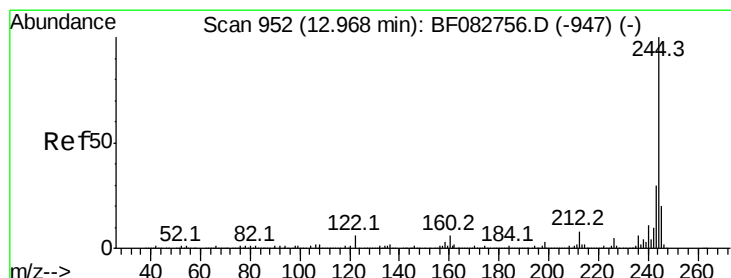
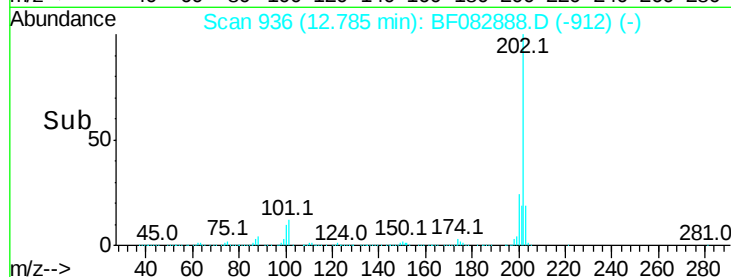
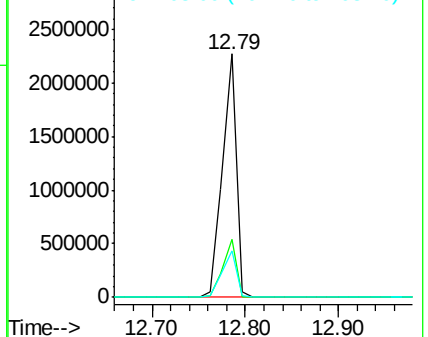
203 19.2 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.83 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

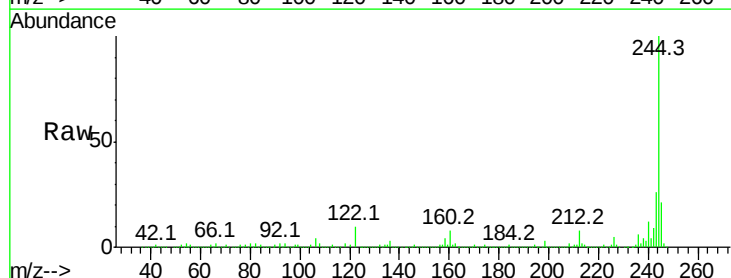
Tgt Ion:244 Resp: 2242722

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

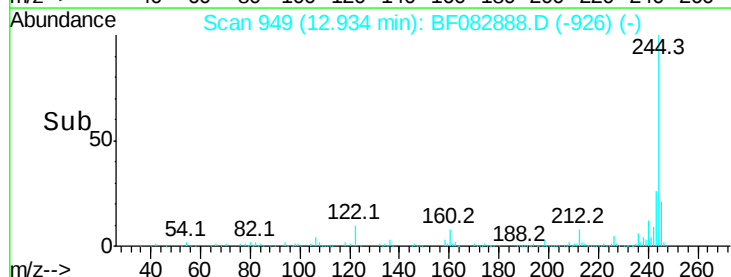
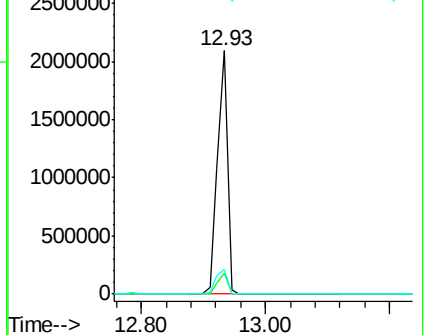
122 10.3 11.3 16.9#

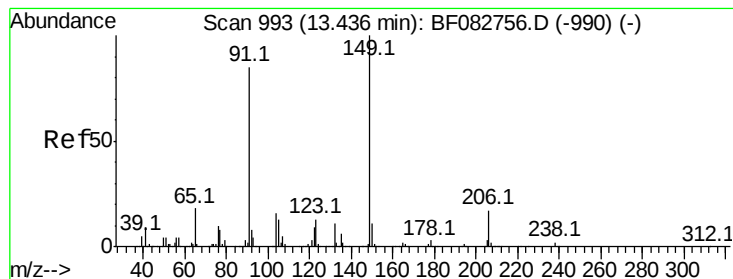


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.80 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

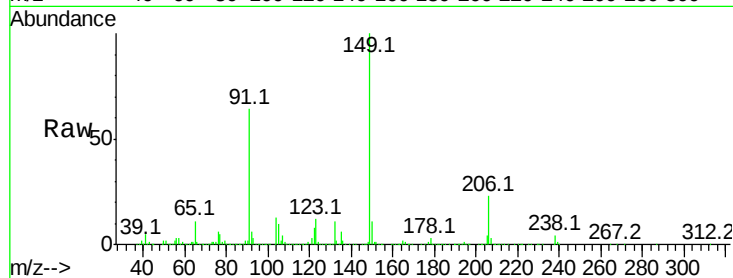
Tot Ion:149 Resp: 1144963

Ion Ratio Lower Upper

149 100

91 63.5 67.7 101.5#

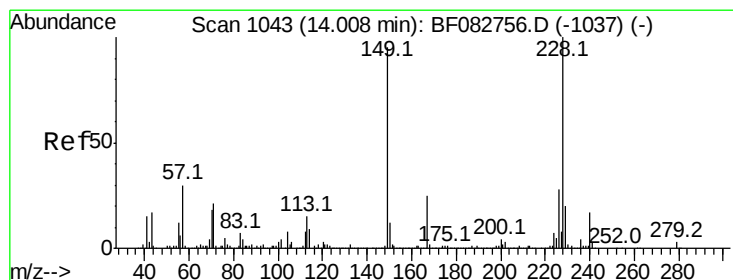
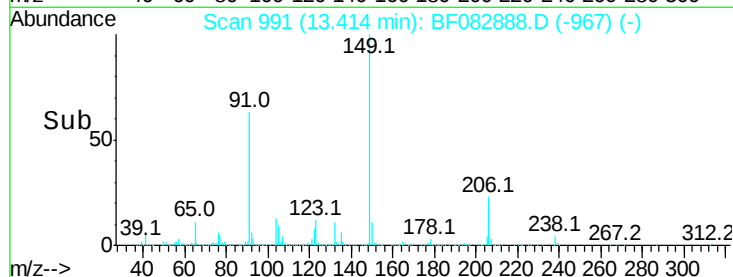
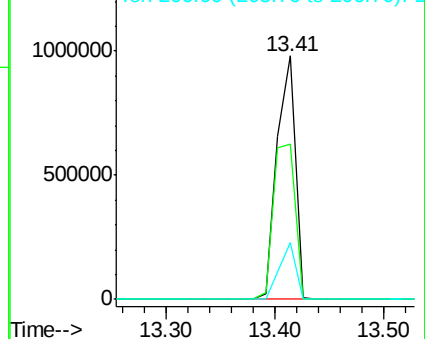
206 23.1 14.6 22.0#



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: 39.20 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

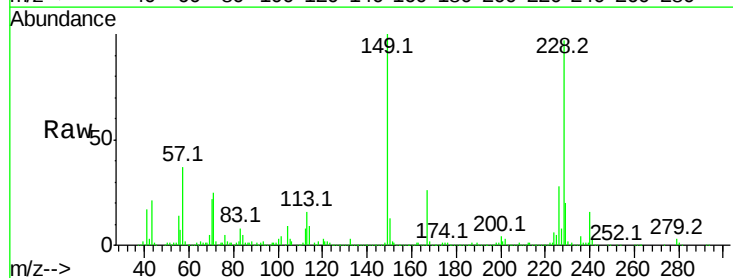
Tgt Ion:228 Resp: 1719611

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

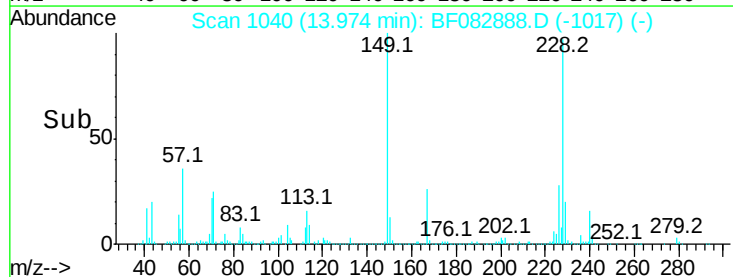
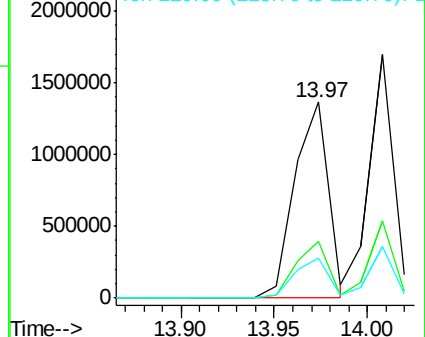
229 20.5 16.3 24.5

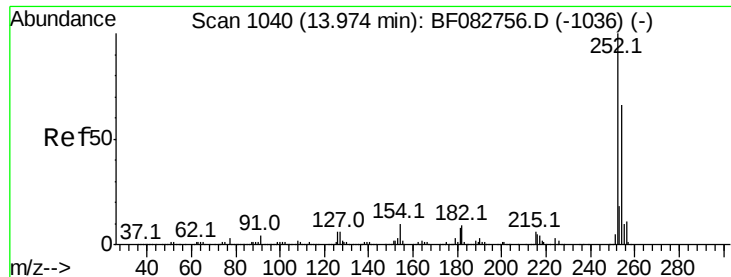


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

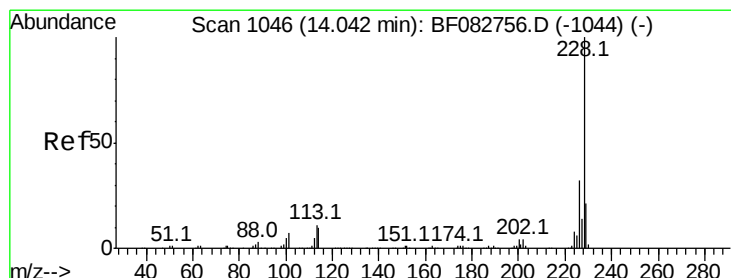
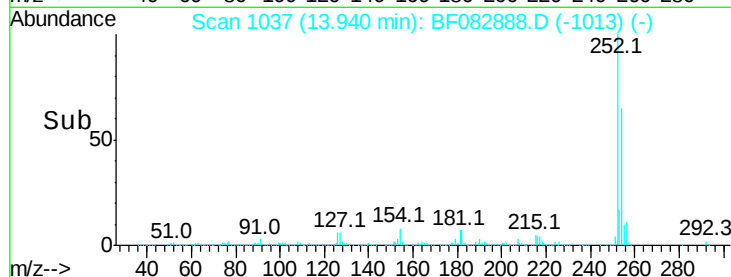
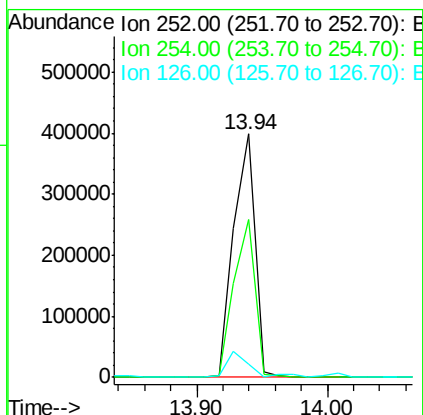
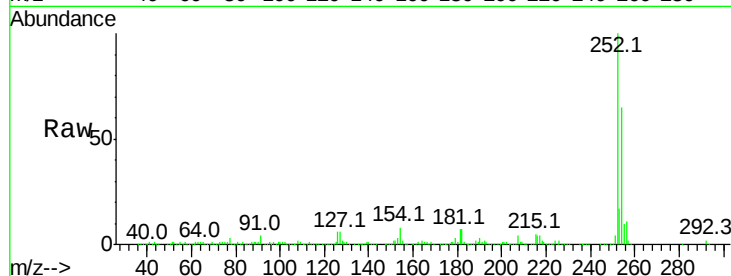




#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

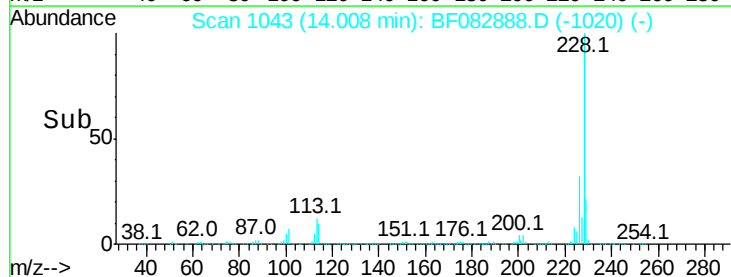
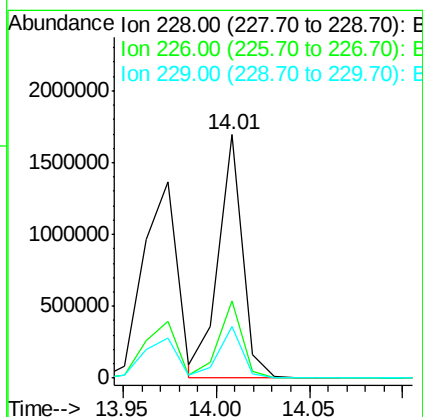
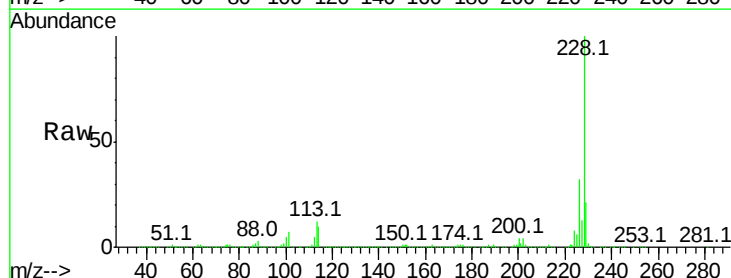
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

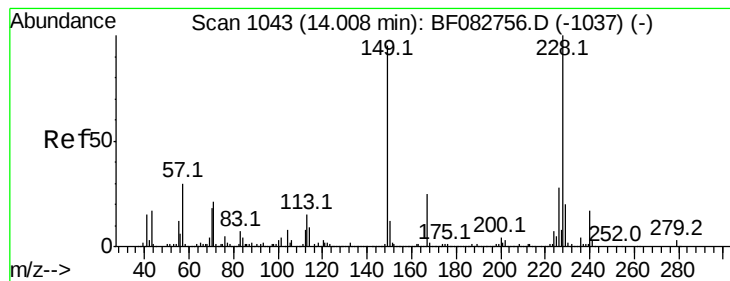
Tot Ion:252 Resp: 454627
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 5.5 10.7 16.1#



#82
 Chrysene
 Concen: 38.03 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion:228 Resp: 1527935
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 21.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.07 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

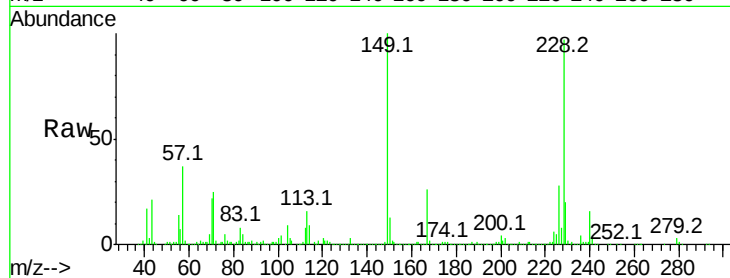
Tot Ion:149 Resp: 1341863

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

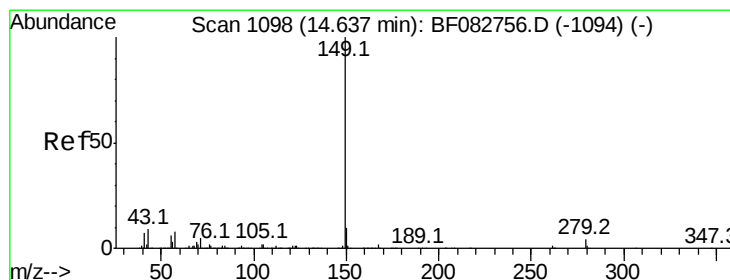
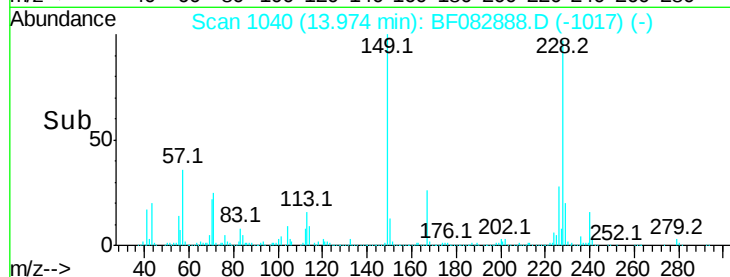
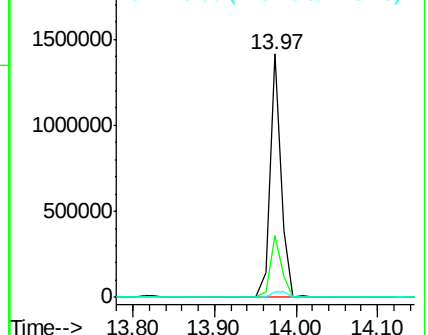
279 2.5 2.2 3.2



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: 50.96 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.05 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

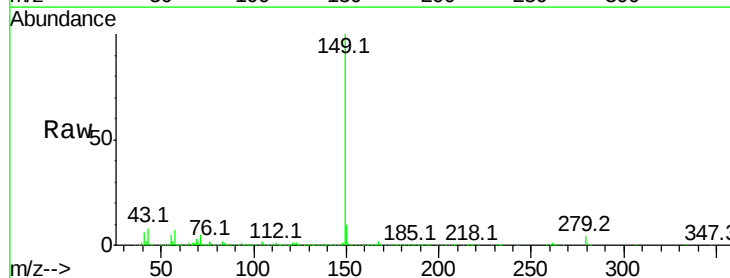
Tgt Ion:149 Resp: 2476206

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

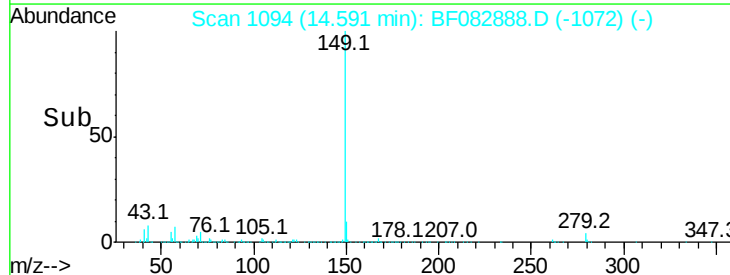
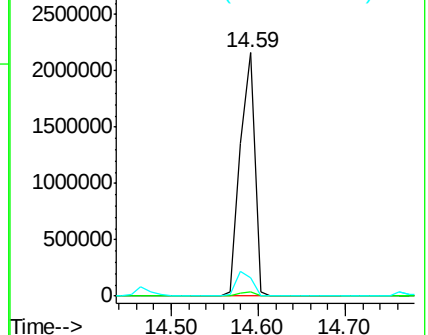
43 11.1 10.1 15.1

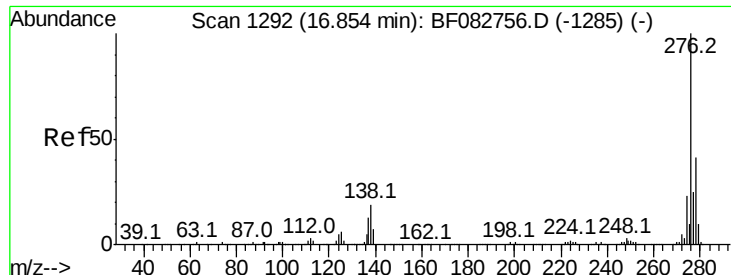


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

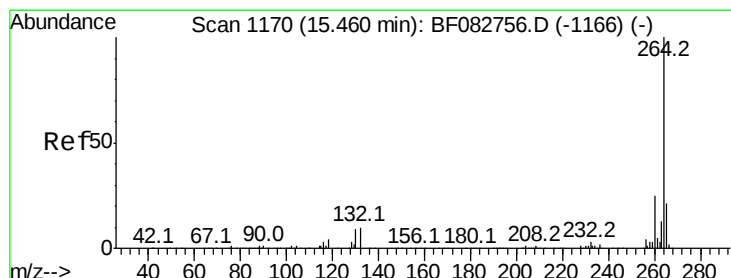
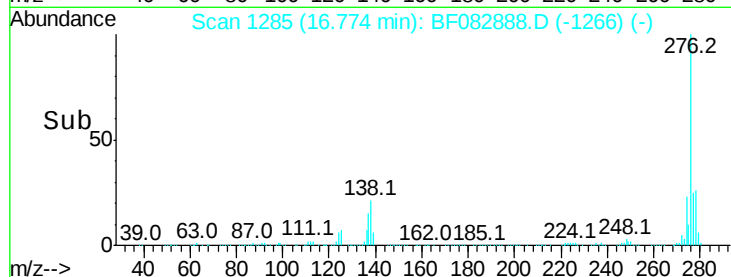
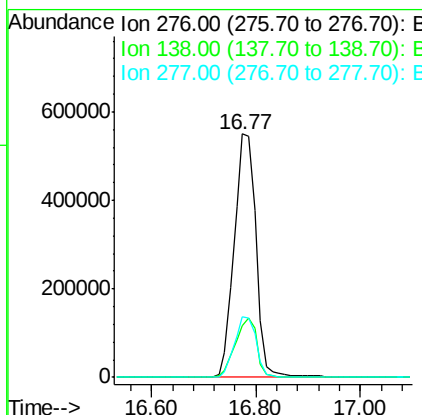
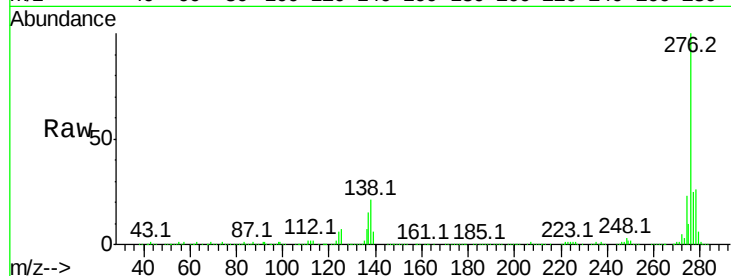




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.12 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.08 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

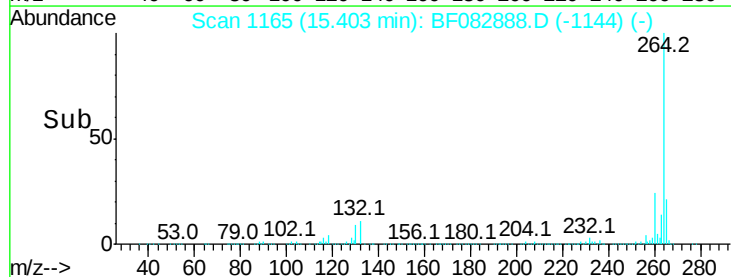
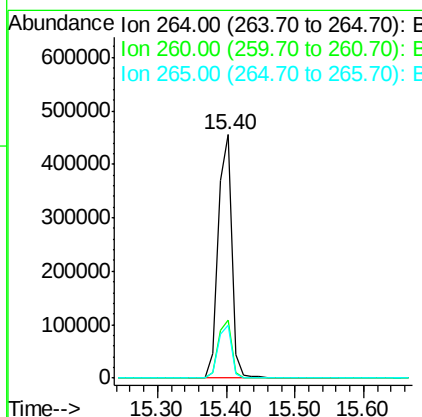
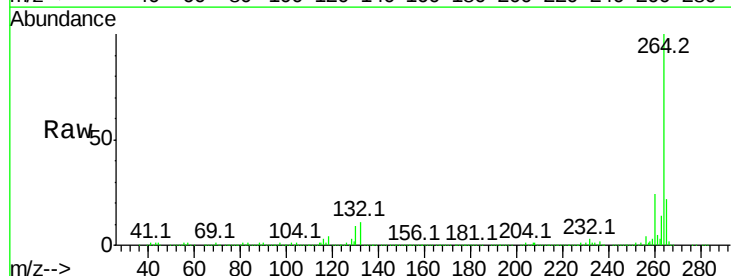
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

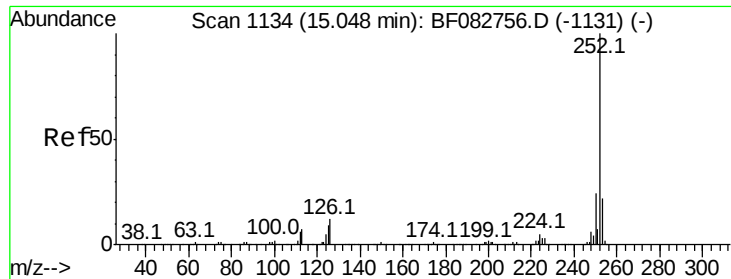
Tot Ion:276 Resp: 1595966
 Ion Ratio Lower Upper
 276 100
 138 24.1 15.3 22.9#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Tgt Ion:264 Resp: 641463
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 42.72 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

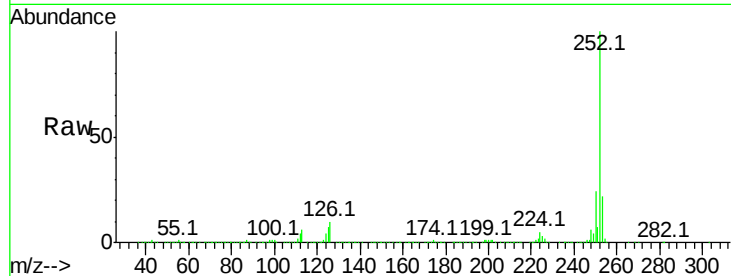
Tot Ion:252 Resp: 1758866

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

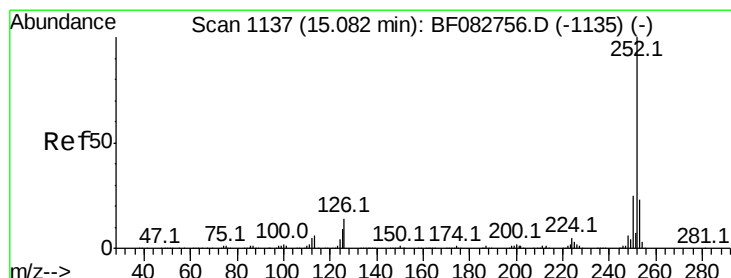
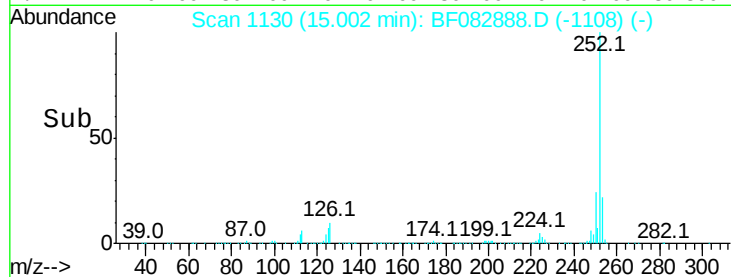
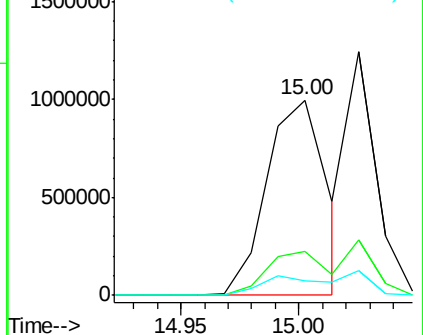
125 7.3 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.84 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

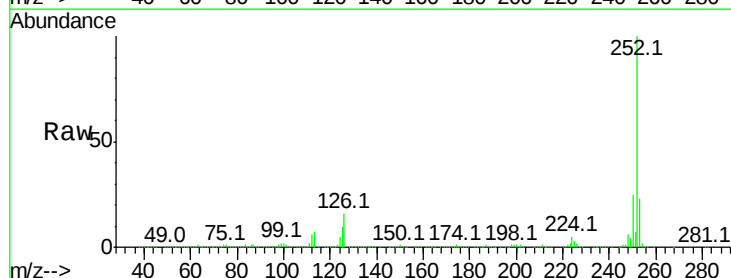
Tgt Ion:252 Resp: 1090054

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

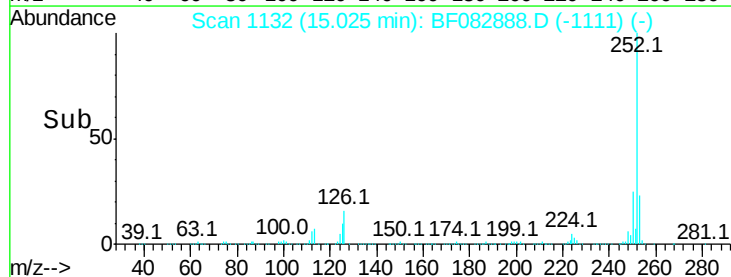
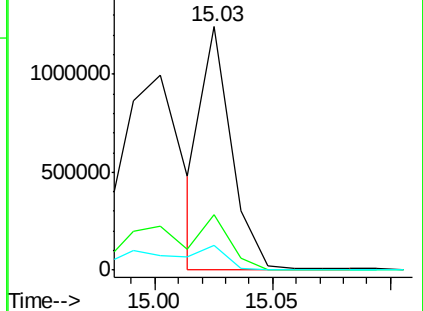
125 10.3 3.5 5.3#

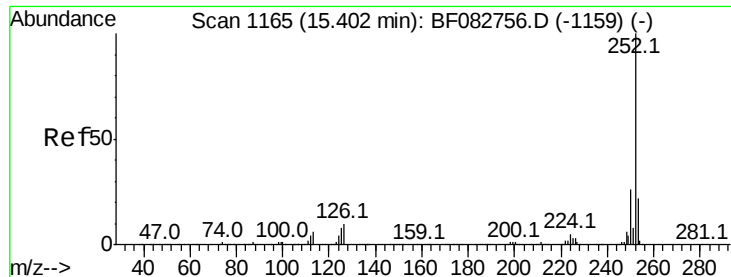


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.69 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.06 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

Instrument :

BNA_F

ClientSampleId :

T-14CMS

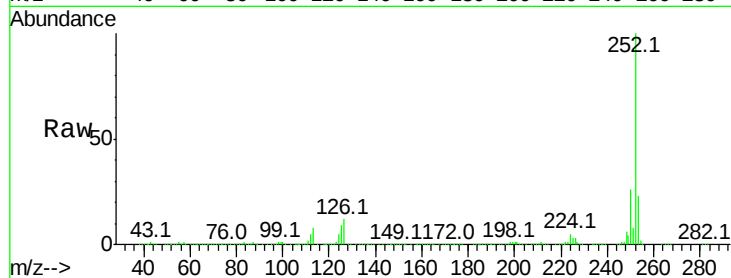
Tot Ion:252 Resp: 1380238

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

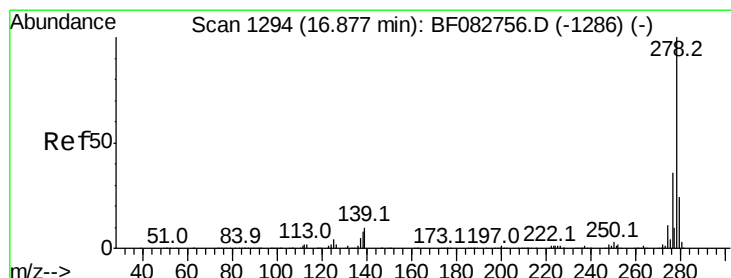
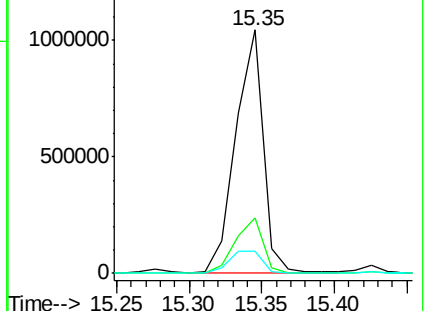
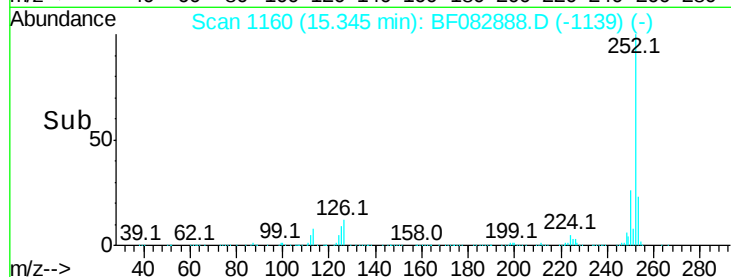
125 9.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.35 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF082888.D

Acq: 11 Nov 2015 00:09

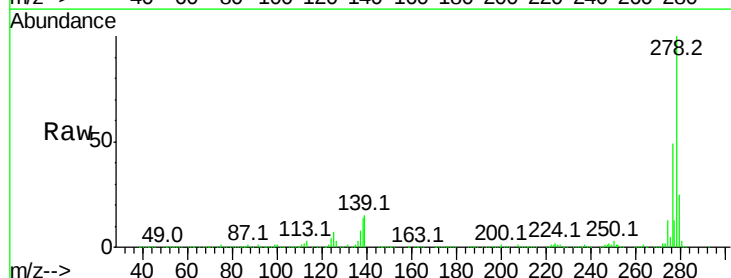
Tgt Ion:278 Resp: 1309505

Ion Ratio Lower Upper

278 100

139 15.4 9.9 14.9#

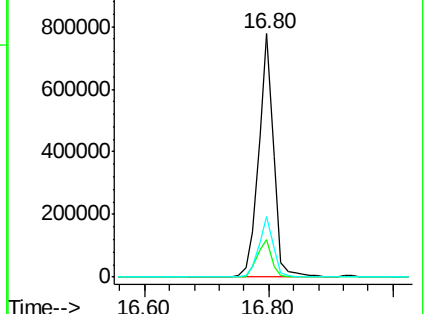
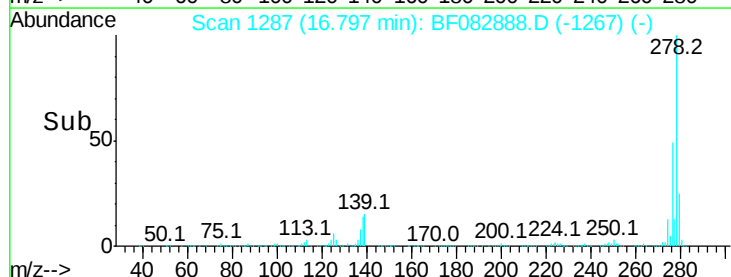
279 25.1 19.6 29.4

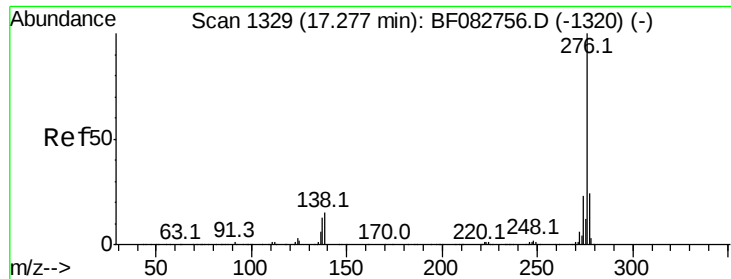


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.97 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.07 min
 Lab File: BF082888.D
 Acq: 11 Nov 2015 00:09

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion:276 Resp: 1330123
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.2 28.8
 138 19.7 13.1 19.7

