

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082872.D
 Acq On : 10 Nov 2015 16:24
 Operator : UM/IZ
 Sample : PB86541BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Quant Time: Nov 13 17:43:22 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	236272	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	900309	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	457975	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	917249	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	765096	20.00	ng	-0.03
86) Perylene-d12	15.43	264	782991	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1310246	86.28	ng	-0.02
7) Phenol-d6	6.46	99	1954675	96.83	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1221631	59.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	471761	89.84	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1850099	57.90	ng	-0.03
78) Terphenyl-d14	12.93	244	2125980	65.91	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	196864	30.05	ng	97
3) Pyridine	3.14	79	629295	33.10	ng	97
4) n-Nitrosodimethylamine	3.08	42	267955	28.42	ng	# 74
6) Aniline	6.48	93	575599	20.31	ng	# 10
8) 2-Chlorophenol	6.60	128	513406	30.50	ng	83
9) Benzaldehyde	6.35	77	46725	4.19	ng	99
10) Phenol	6.48	94	810162	35.37	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	592123	34.57	ng	87
12) 1,3-Dichlorobenzene	6.76	146	577521m	30.42	ng	
13) 1,4-Dichlorobenzene	6.83	146	552718	27.98	ng	98
14) 1,2-Dichlorobenzene	6.99	146	572451	31.87	ng	99
15) Benzyl Alcohol	6.97	79	527395	29.75	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.10	45	873939	34.78	ng	98
17) 2-Methylphenol	7.08	107	468026	32.82	ng	97
18) Hexachloroethane	7.33	117	212433	30.07	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	462181	31.14	ng	# 81
20) 3+4-Methylphenols	7.24	107	592412	31.96	ng	# 60
22) Acetophenone	7.23	105	779417	30.21	ng	# 95
24) Nitrobenzene	7.40	77	694965	32.84	ng	96
25) Isophorone	7.64	82	1161835	30.35	ng	98
26) 2-Nitrophenol	7.72	139	306679	34.72	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	545593	34.38	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	736415	34.10	ng	98
29) 2,4-Dichlorophenol	7.96	162	461083	32.15	ng	87
30) 1,2,4-Trichlorobenzene	8.05	180	491977	30.50	ng	93
31) Naphthalene	8.12	128	1498441	30.17	ng	99
32) Benzoic acid	7.89	122	347350	31.97	ng	87
33) 4-Chloroaniline	8.17	127	222441	10.39	ng	94
34) Hexachlorobutadiene	8.26	225	284984	28.23	ng	97
35) Caprolactam	8.54	113	168503m	37.27	ng	
36) 4-Chloro-3-methylphenol	8.67	107	576447	34.18	ng	# 81
37) 2-Methylnaphthalene	8.82	142	1010025	31.43	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	495947	32.95	ng	98
40) Hexachlorocyclopentadiene	8.98	237	526107	65.07	ng	100

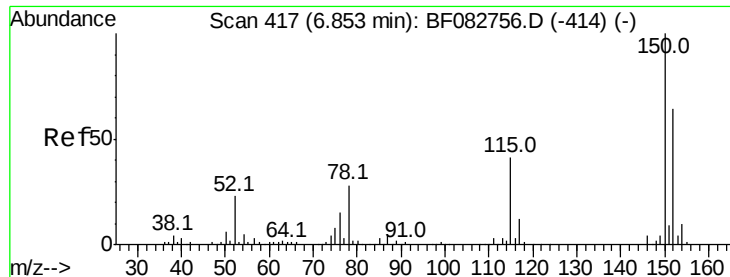
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082872.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	361733	32.20	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	390593	35.15	nq	# 79
45) 1,1'-Biphenyl	9.29	154	1317643	33.53	nq	98
46) 2-Chloronaphthalene	9.31	162	1061955	34.64	nq	98
47) 2-Nitroaniline	9.40	65	396157	34.84	nq	# 78
48) Acenaphthylene	9.72	152	1524269	31.73	nq	100
49) Dimethylphthalate	9.60	163	1219218	32.49	nq	# 97
50) 2,6-Dinitrotoluene	9.64	165	244736	30.57	nq	90
51) Acenaphthene	9.89	154	1054648	34.64	nq	99
52) 3-Nitroaniline	9.81	138	168967	19.19	nq	# 63
53) 2,4-Dinitrophenol	9.92	184	285880	65.04	nq	# 26
54) Dibenzofuran	10.06	168	1298256	31.63	nq	94
55) 4-Nitrophenol	9.98	139	437155	64.72	nq	83
56) 2,4-Dinitrotoluene	10.05	165	415340	38.24	nq	# 72
57) Fluorene	10.41	166	1016412	30.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	324051	35.74	nq	# 87
59) Diethylphthalate	10.29	149	1275687	34.82	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	537098	32.29	nq	92
61) 4-Nitroaniline	10.43	138	318959	36.02	nq	# 72
62) Azobenzene	10.57	77	1428733	36.30	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	205666	31.47	nq	# 50
65) n-Nitrosodiphenylamine	10.52	169	961937	29.03	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	322277	29.18	nq	# 70
67) Hexachlorobenzene	10.96	284	355969	28.86	nq	# 87
68) Atrazine	11.06	200	361455	35.27	nq	90
69) Pentachlorophenol	11.15	266	400009	53.41	nq	98
70) Phenanthrene	11.37	178	1598340	30.01	nq	100
71) Anthracene	11.42	178	1815895	32.36	nq	98
72) Carbazole	11.57	167	1542394	31.40	nq	98
73) Di-n-butylphthalate	11.92	149	2022039	33.04	nq	98
74) Fluoranthene	12.56	202	1888551	33.04	nq	99
76) Benzidine	12.67	184	874830	34.12	nq	100
77) Pyrene	12.79	202	1944985	37.02	nq	99
79) Butylbenzylphthalate	13.41	149	969670	41.77	nq	89
80) Benzo(a)anthracene	13.97	228	1658862	34.67	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	349254	20.53	nq	# 97
82) Chrysene	14.01	228	1550114	35.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1249582	39.33	nq	# 98
84) Di-n-octyl phthalate	14.60	149	2204218	41.59	nq	97
85) Indeno(1,2,3-cd)pyrene	16.81	276	1506983	39.93	nq	# 95
87) Benzo(b)fluoranthene	15.03	252	1713415	34.09	nq	99
88) Benzo(k)fluoranthene	15.05	252	1312864m	29.45	nq	
89) Benzo(a)pyrene	15.37	252	1450173	33.30	nq	# 97
90) Dibenzo(a,h)anthracene	16.83	278	1258758	34.14	nq	99
91) Benzo(g,h,i)perylene	17.22	276	1213841	34.37	nq	# 95

(#) = 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: BF082872.D

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Instrument :

BNA_F

ClientSampleId :

PB86541BS

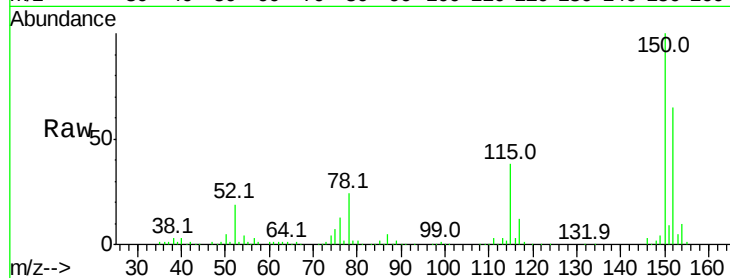
Tot Ion:152 Resp: 236272

Ion Ratio Lower Upper

152 100

150 154.2 127.0 190.4

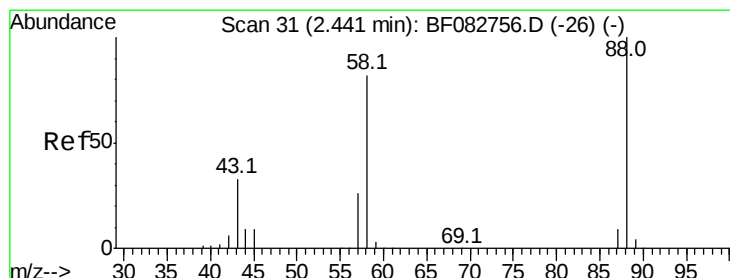
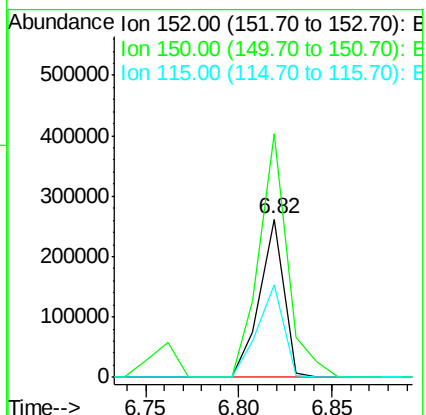
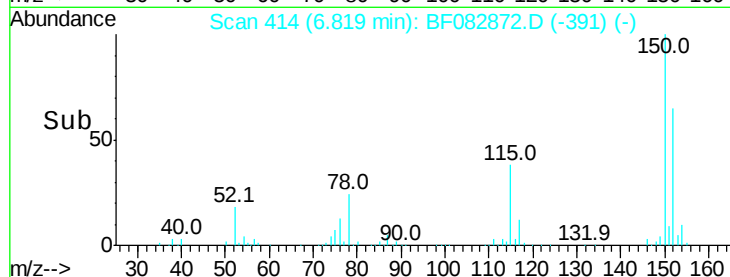
115 58.3 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.05 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.00 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

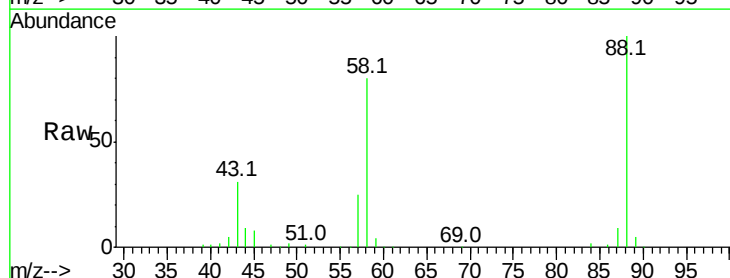
Tgt Ion: 88 Resp: 196864

Ion Ratio Lower Upper

88 100

58 79.0 62.0 93.0

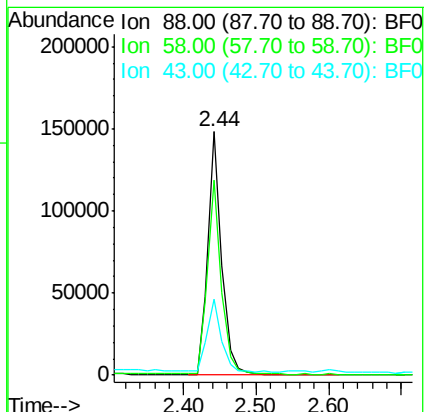
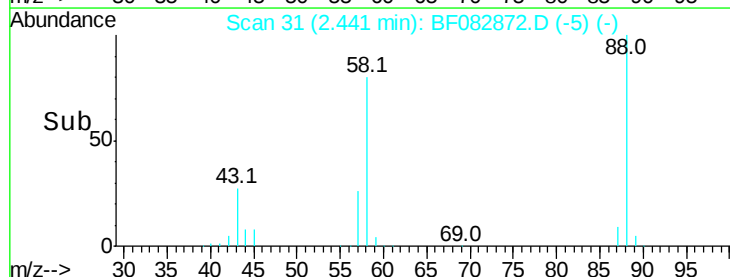
43 30.8 26.6 40.0

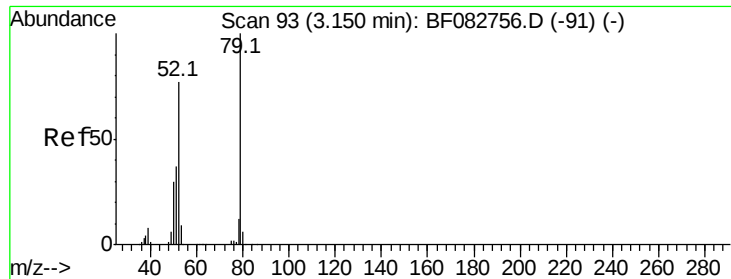


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

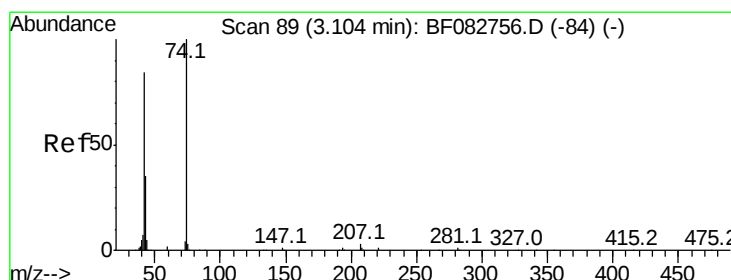
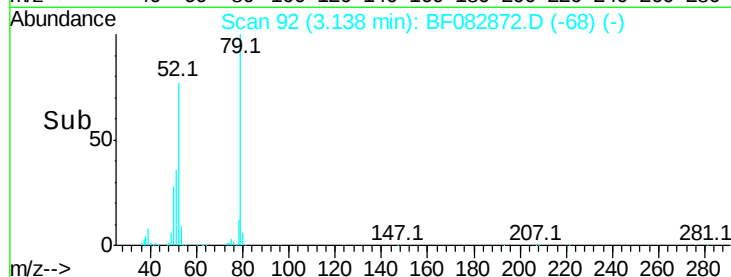
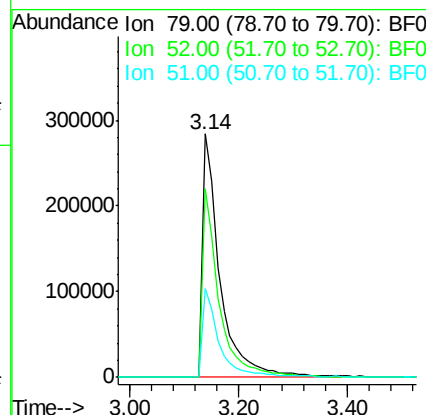
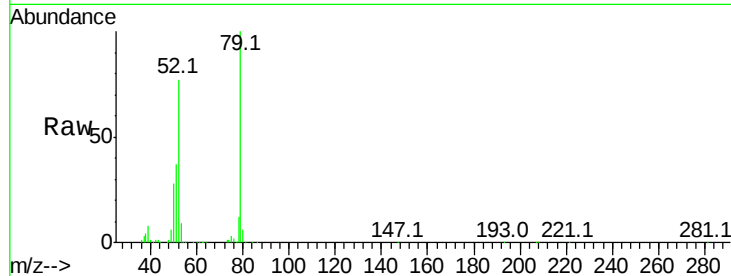




#3
 Pvridine
 Concen: 33.10 ng
 RT: 3.14 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

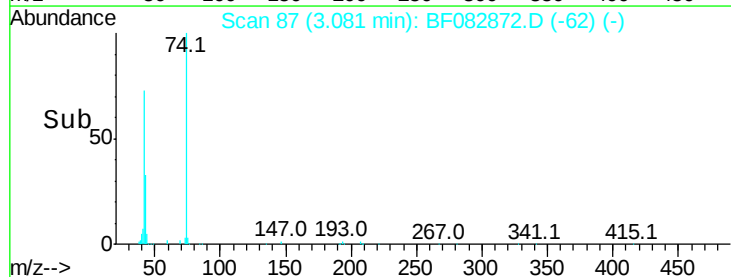
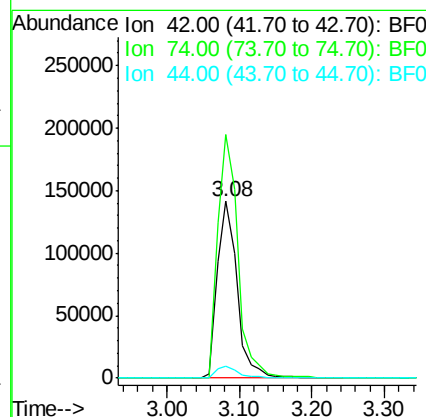
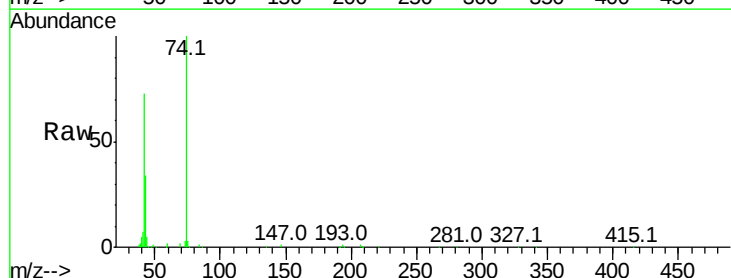
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

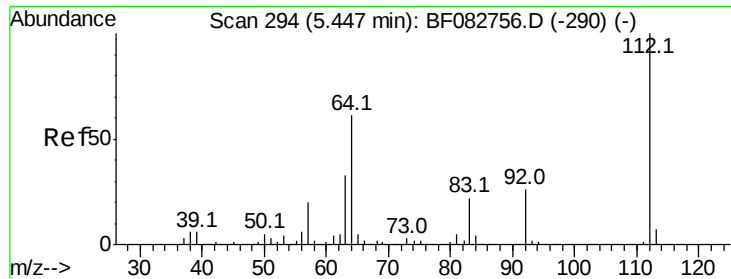
Tot Ion: 79 Resp: 629295
 Ion Ratio Lower Upper
 79 100
 52 77.3 62.8 94.2
 51 36.5 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 28.42 ng
 RT: 3.08 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion: 42 Resp: 267955
 Ion Ratio Lower Upper
 42 100
 74 137.9 87.0 130.4#
 44 7.0 5.8 8.8

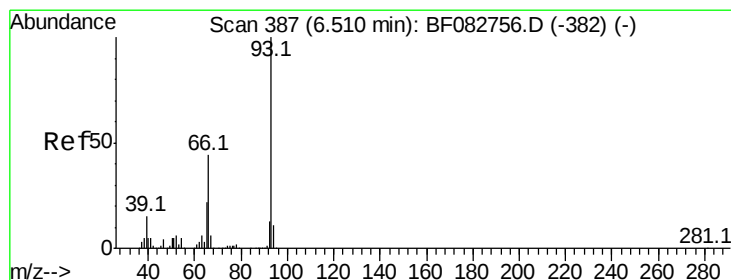
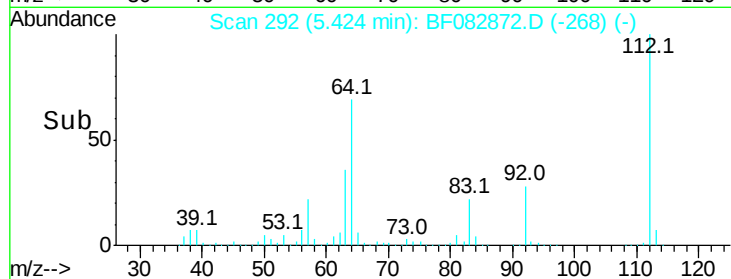
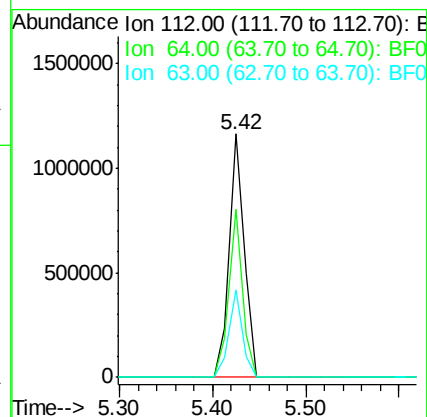
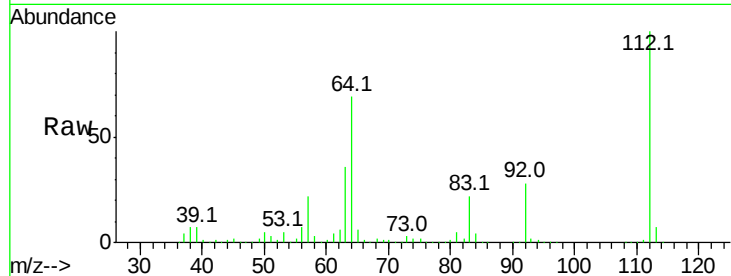




#5
 2-Fluorophenol
 Concen: 86.28 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

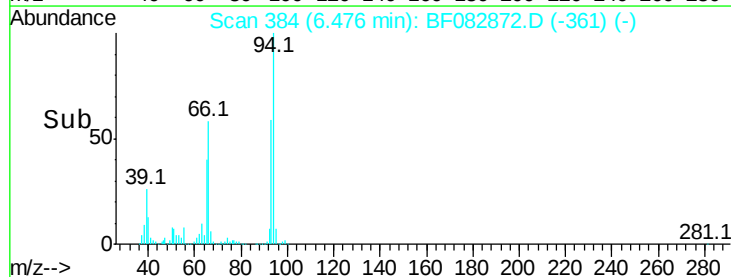
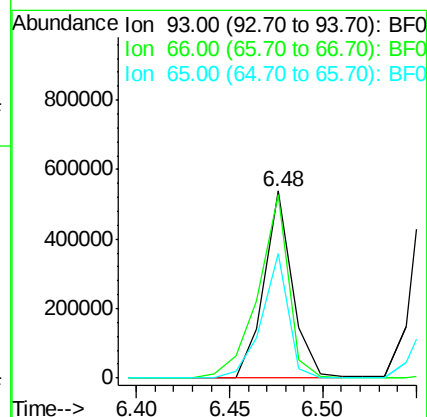
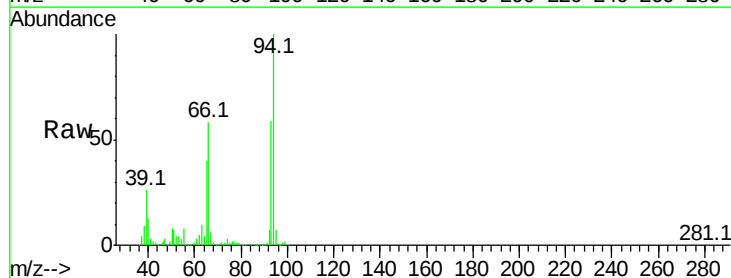
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

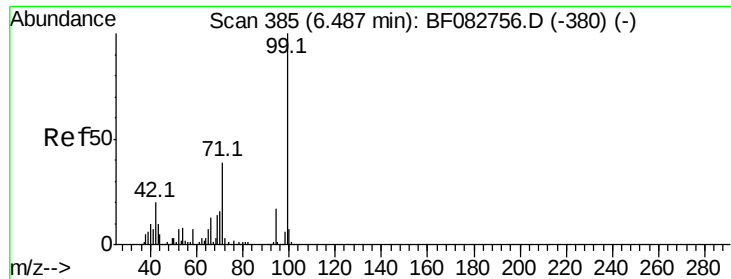
Tot Ion:112 Resp: 1310246
 Ion Ratio Lower Upper
 112 100
 64 69.0 48.9 73.3
 63 35.8 28.1 42.1



#6
 Aniline
 Concen: 20.31 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion: 93 Resp: 575599
 Ion Ratio Lower Upper
 93 100
 66 98.1 33.6 50.4#
 65 66.7 18.1 27.1#





#7

Phenol-d6

Concen: 96.83 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

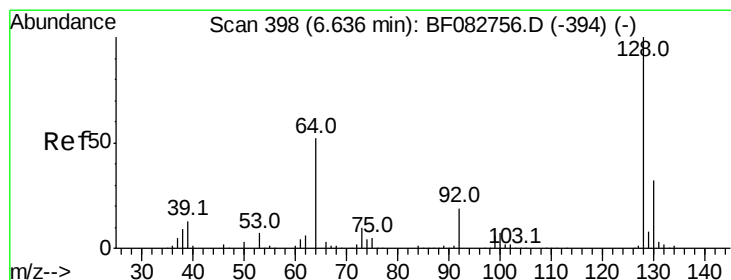
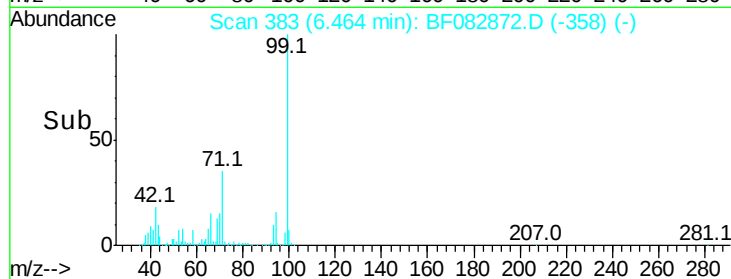
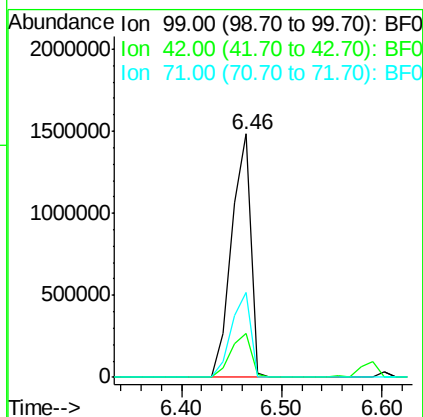
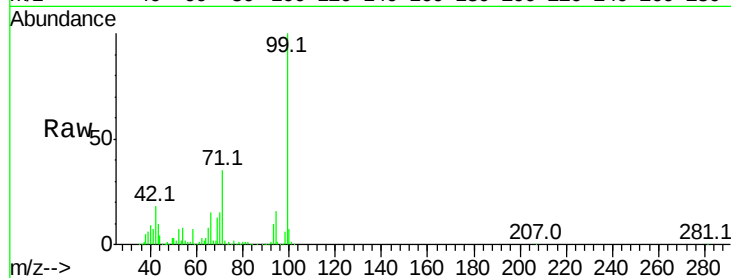
BNA_F

ClientSampleId :

PB86541BS

Tot Ion: 99 Resp: 1954675

Ion	Ratio	Lower	Upper
99	100		
42	17.9	19.2	28.8#
71	35.1	35.0	52.4



#8

2-Chlorophenol

Concen: 30.50 ng

RT: 6.60 min Scan# 395

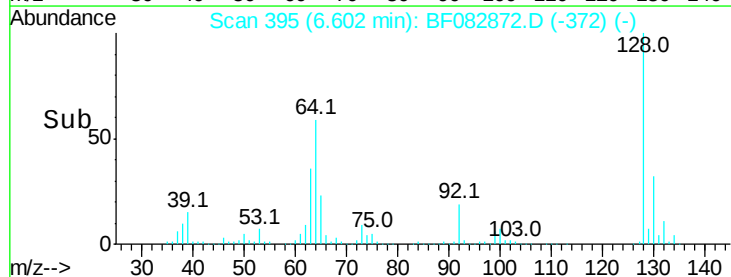
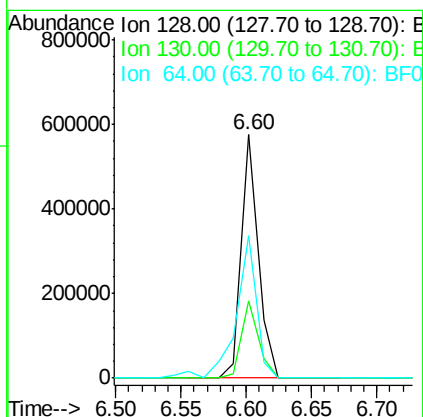
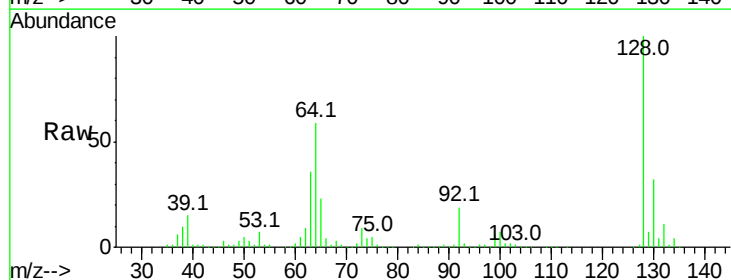
Delta R.T. -0.03 min

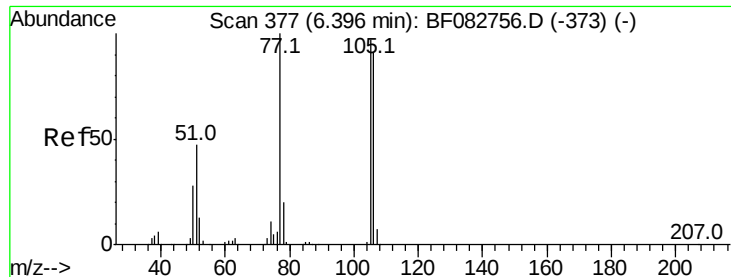
Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Tgt Ion: 128 Resp: 513406

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	58.7	21.1	61.1





#9

Benzaldehyde

Concen: 4.19 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

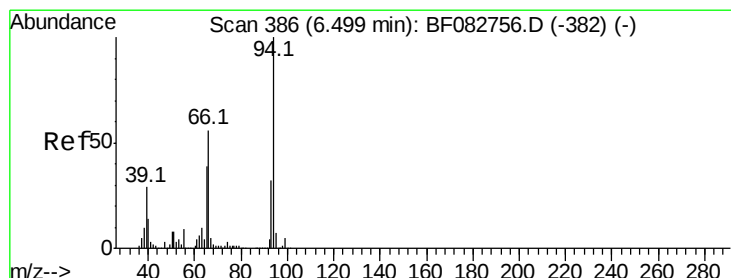
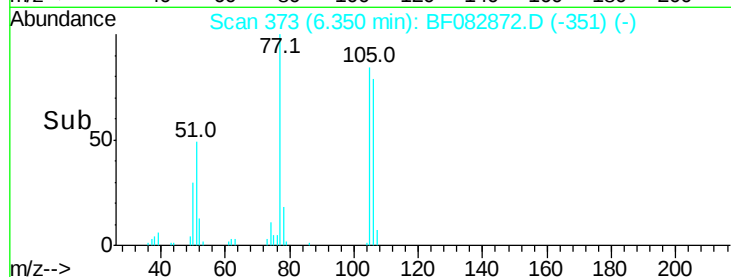
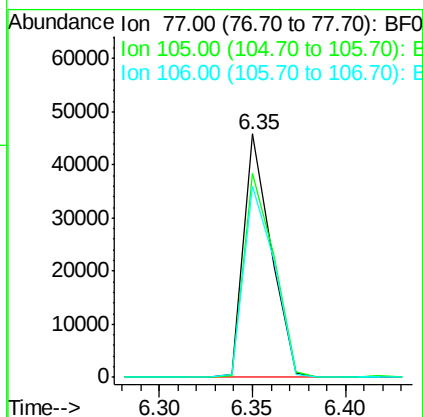
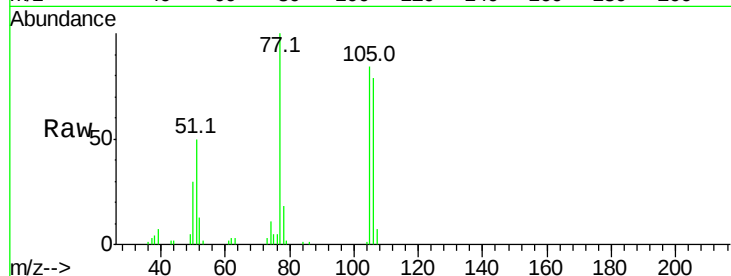
Tot Ion: 77 Resp: 46725

Ion Ratio Lower Upper

77 100

105 83.8 63.5 103.5

106 78.6 59.3 99.3



#10

Phenol

Concen: 35.37 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

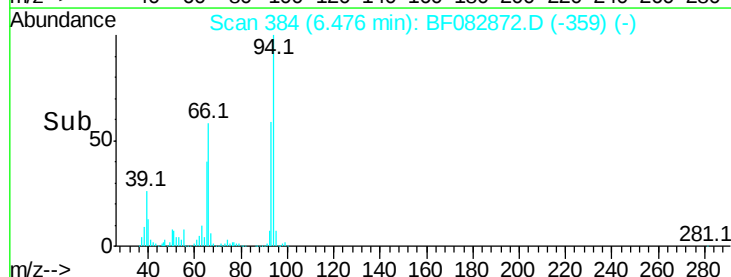
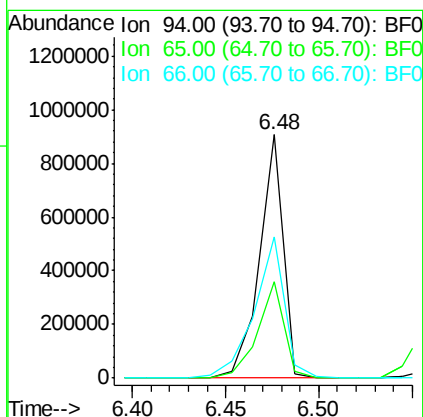
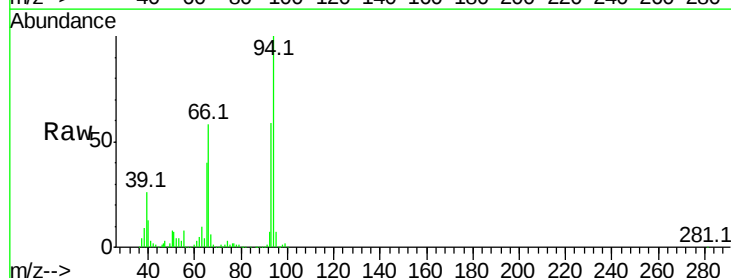
Tgt Ion: 94 Resp: 810162

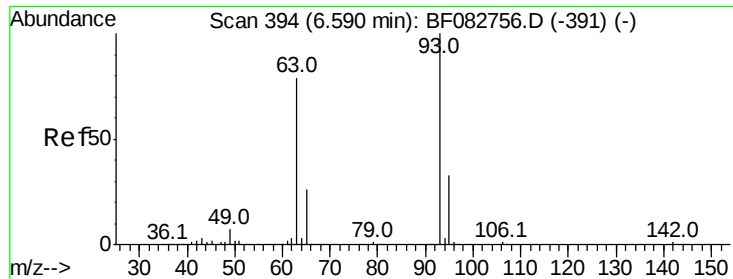
Ion Ratio Lower Upper

94 100

65 39.5 18.9 58.9

66 58.1 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 34.57 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

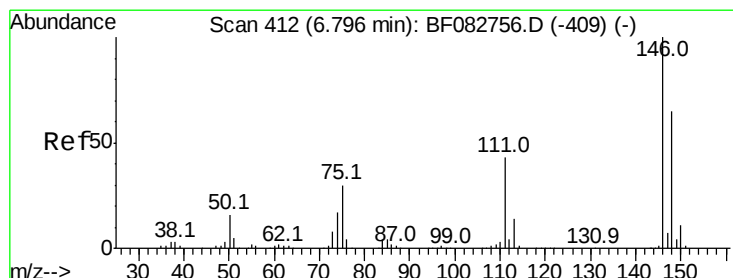
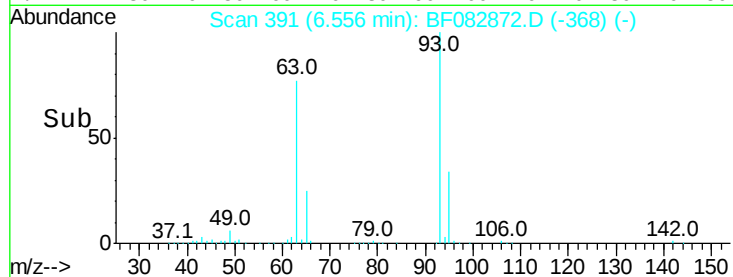
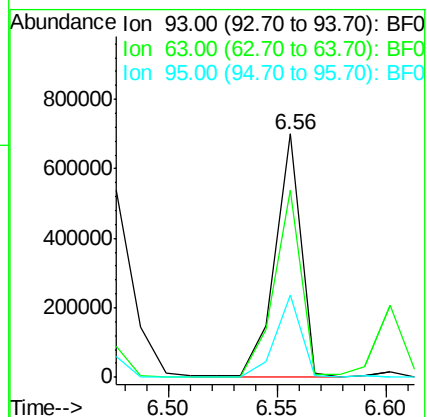
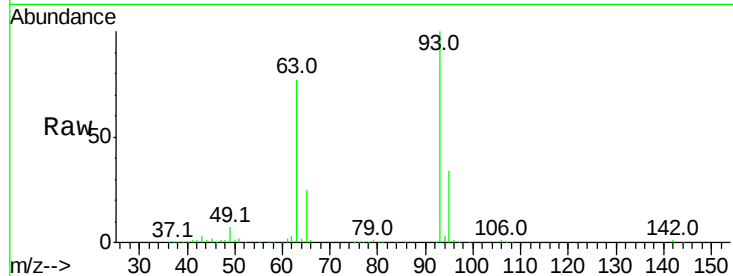
Tot Ion: 93 Resp: 592123

Ion Ratio Lower Upper

93 100

63 77.0 72.7 112.7

95 33.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 30.42 ng m

RT: 6.76 min Scan# 409

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

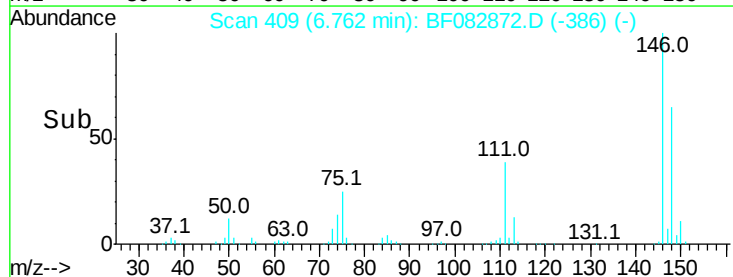
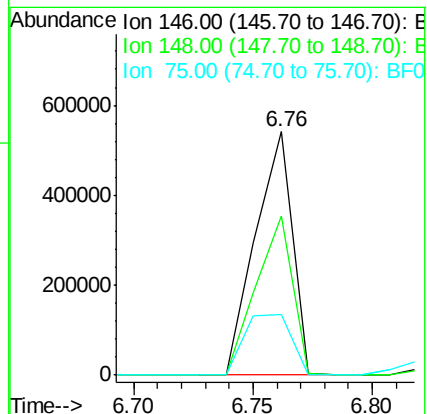
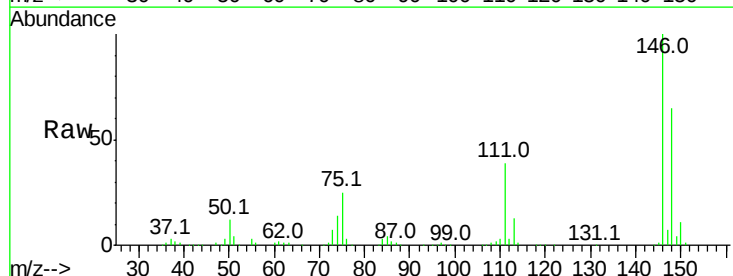
Tgt Ion: 146 Resp: 577521

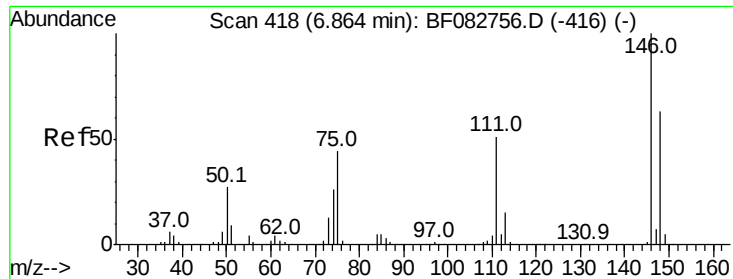
Ion Ratio Lower Upper

146 100

148 65.1 50.5 75.7

75 24.8 39.5 59.3#

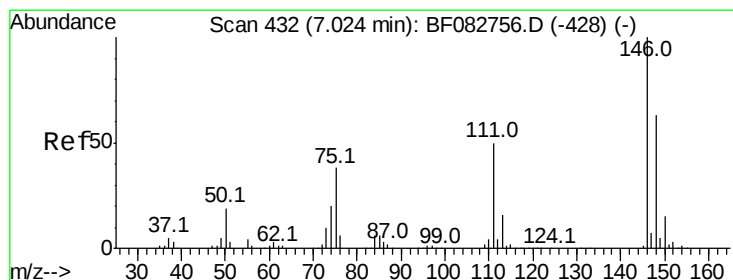
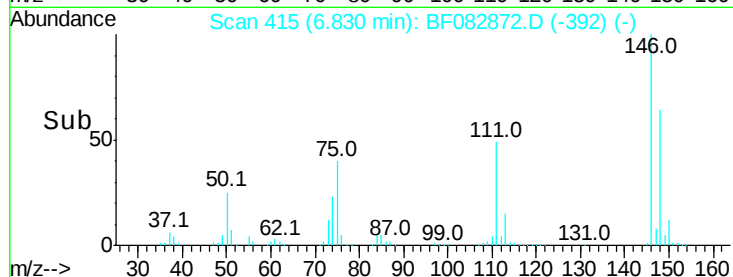
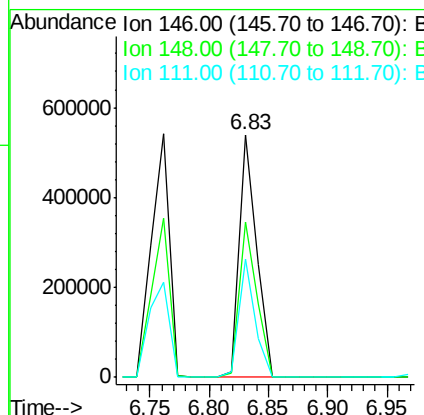
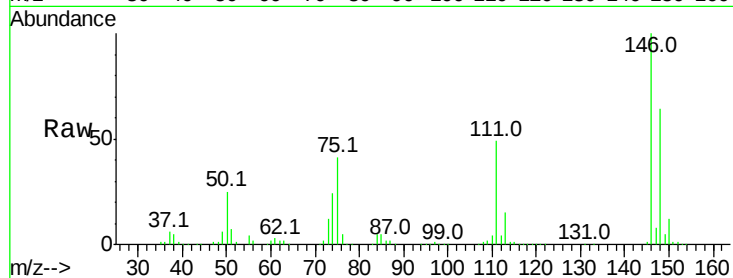




#13
 1,4-Dichlorobenzene
 Concen: 27.98 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

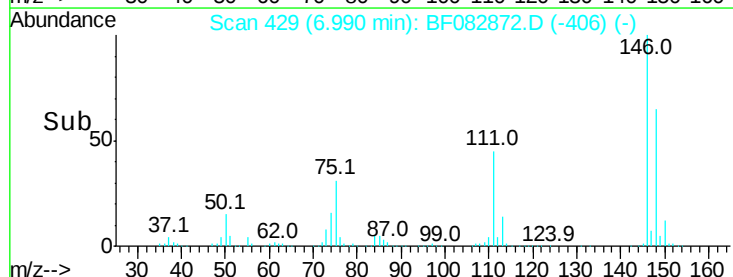
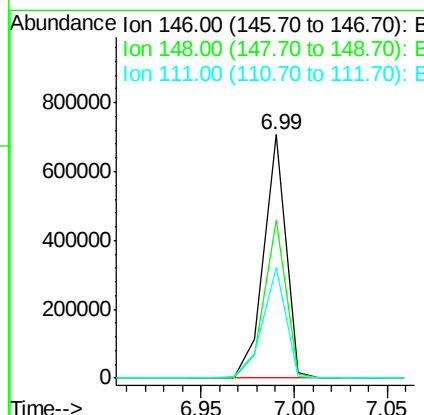
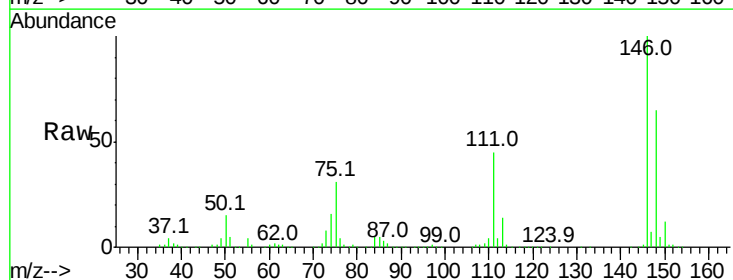
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

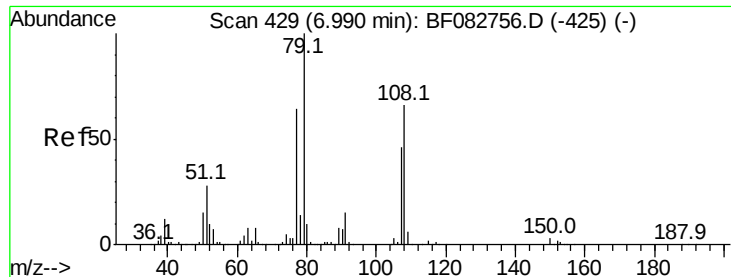
Tot Ion:146 Resp: 552718
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 48.9 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 31.87 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:146 Resp: 572451
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 45.3 36.6 55.0





#15

Benzyl Alcohol

Concen: 29.75 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

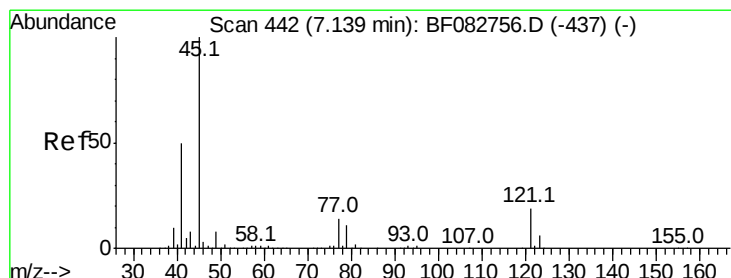
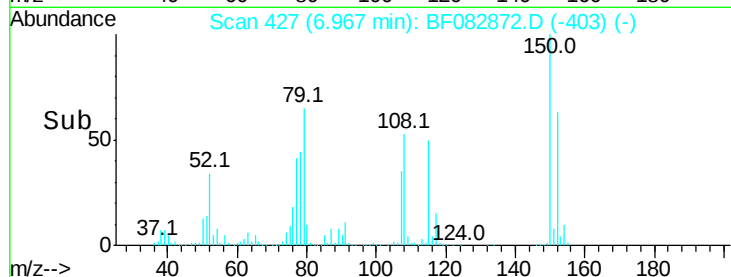
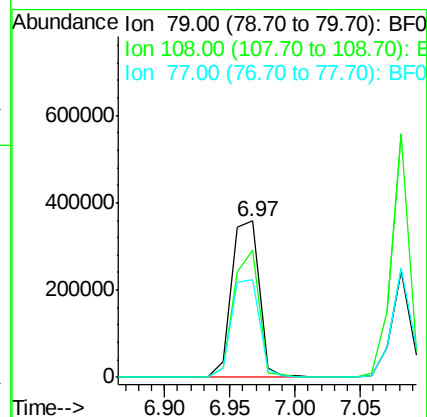
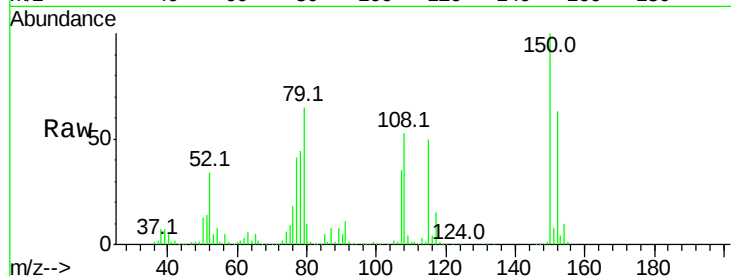
Tot Ion: 79 Resp: 527395

Ion Ratio Lower Upper

79 100

108 81.2 52.2 78.4#

77 62.6 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.78 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

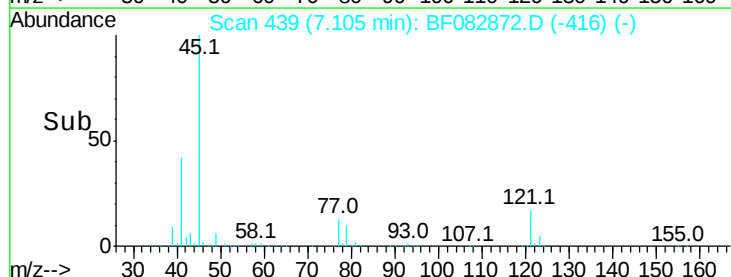
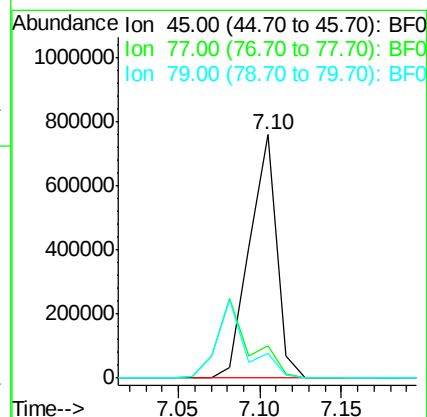
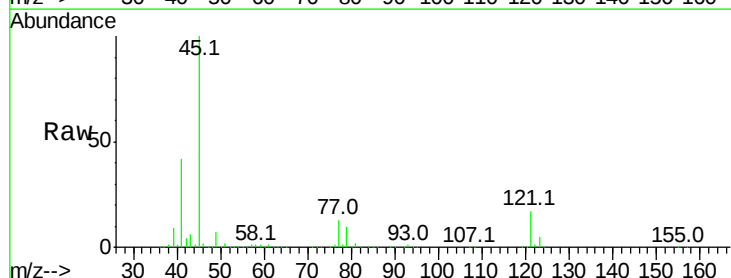
Tgt Ion: 45 Resp: 873939

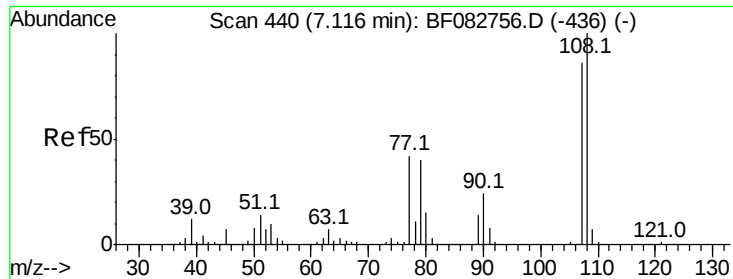
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

79 10.3 0.0 29.2





#17

2-Methylphenol

Concen: 32.82 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

Tot Ion:107 Resp: 468026

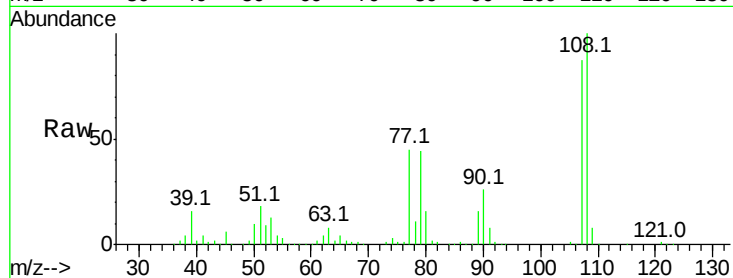
Ion Ratio Lower Upper

107 100

108 114.8 93.0 139.4

77 51.6 44.1 66.1

79 50.5 43.6 65.4

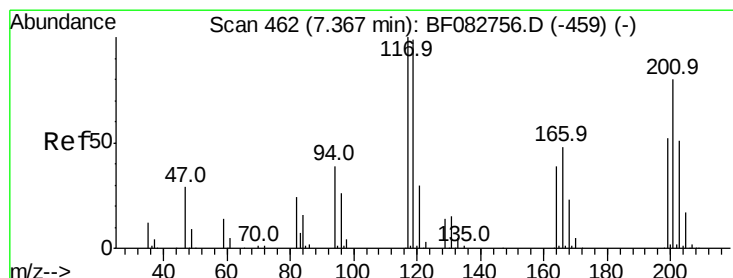
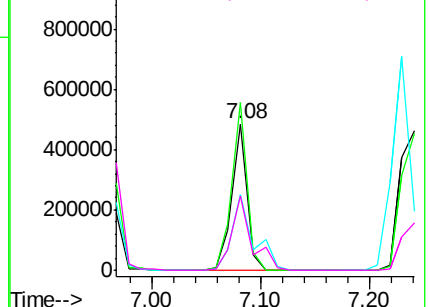
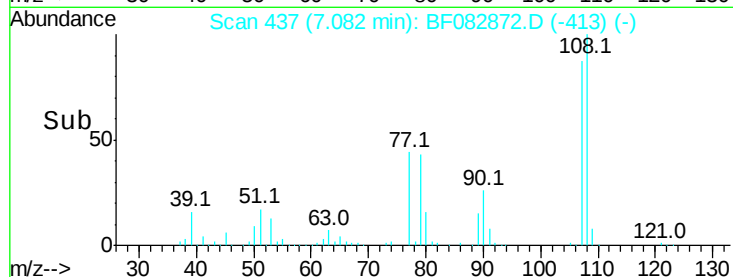


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.07 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

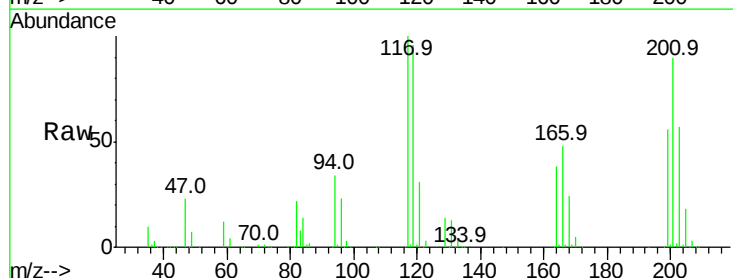
Tgt Ion:117 Resp: 212433

Ion Ratio Lower Upper

117 100

119 95.9 77.7 116.5

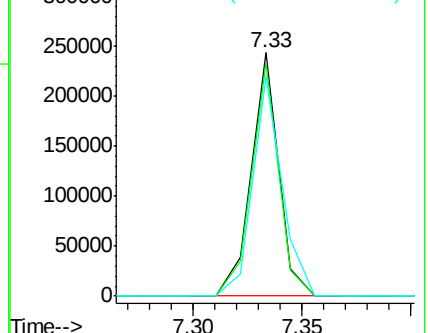
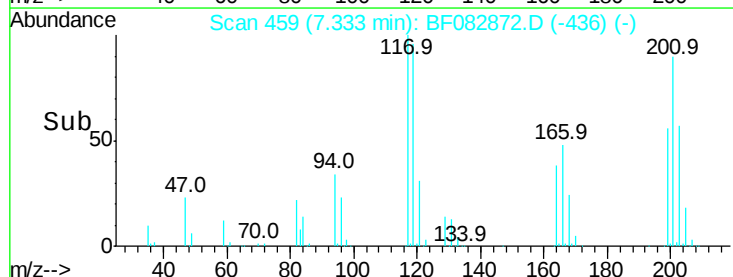
201 90.0 66.7 100.1

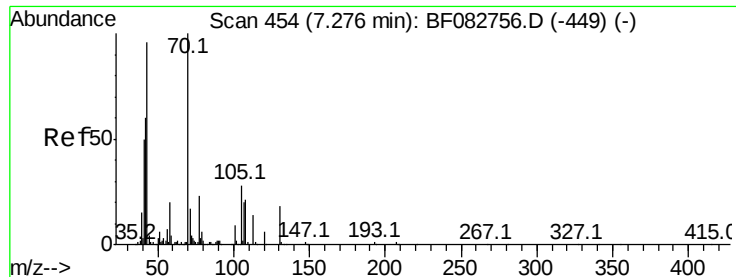


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

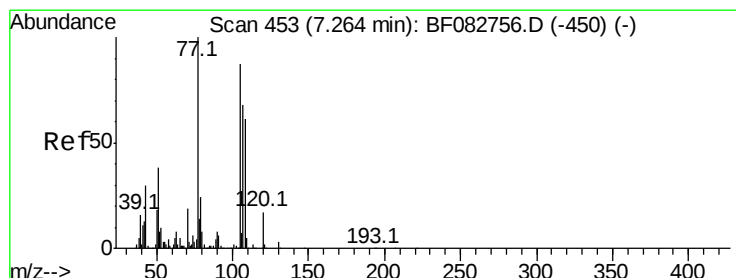
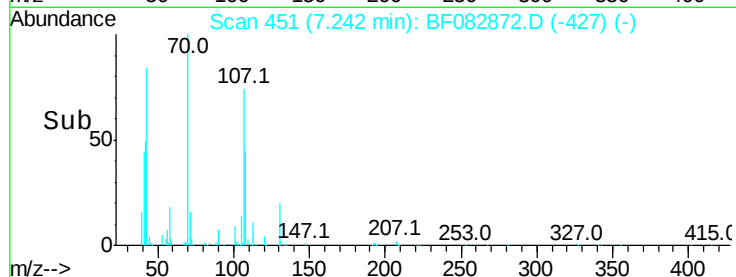
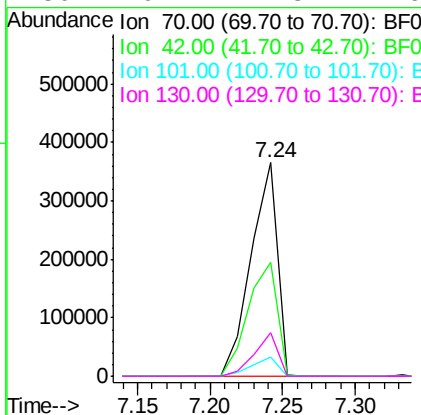
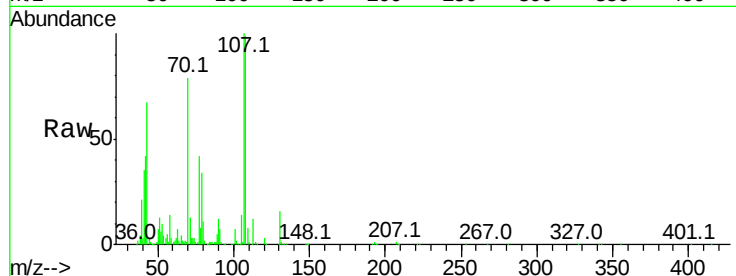




#19
n-Nitroso-di-n-propylamine
Concen: 31.14 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

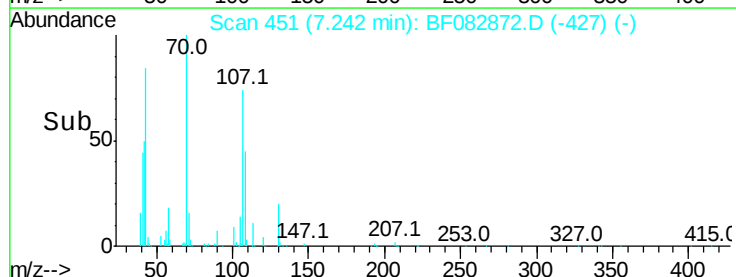
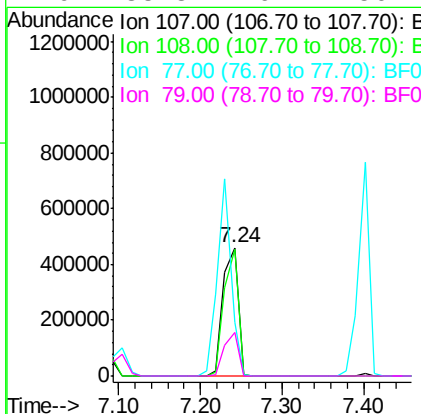
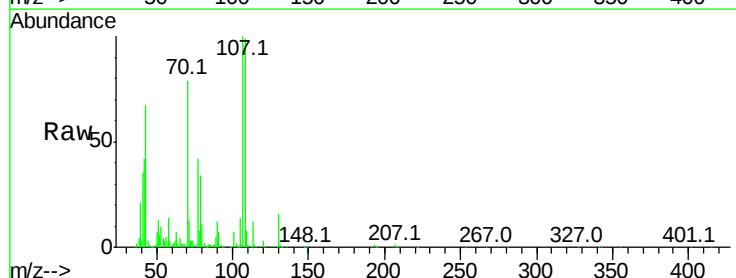
Instrument :
BNA_F
ClientSampleId :
PB86541BS

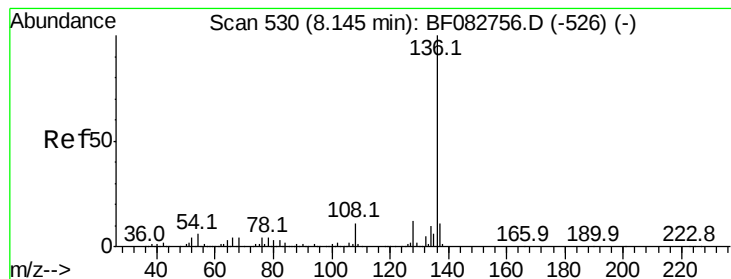
Tot Ion: 70 Resp: 462181
Ion Ratio Lower Upper
70 100
42 53.5 57.7 86.5#
101 9.1 7.0 10.6
130 20.2 11.8 17.6#



#20
3+4-Methylphenols
Concen: 31.96 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:107 Resp: 592412
Ion Ratio Lower Upper
107 100
108 98.7 67.3 107.3
77 42.2 100.3 140.3#
79 33.8 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: BF082872.D

Acq: 10 Nov 2015 16:24

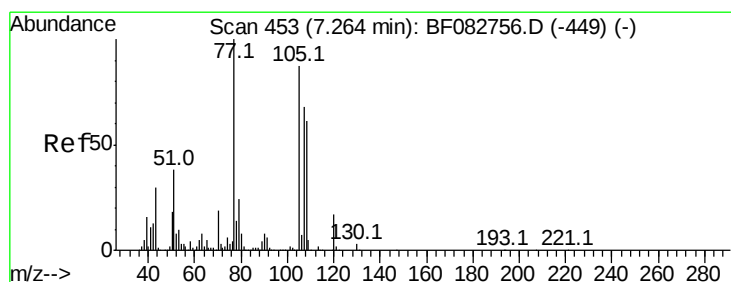
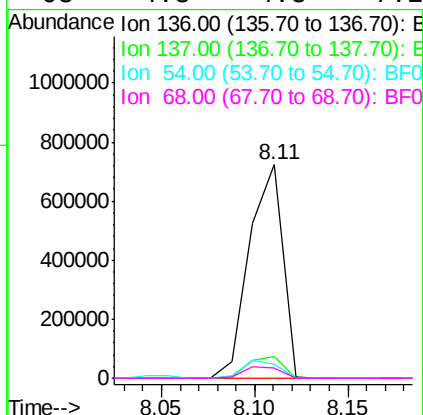
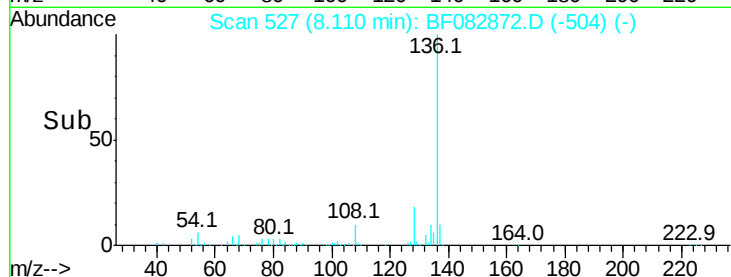
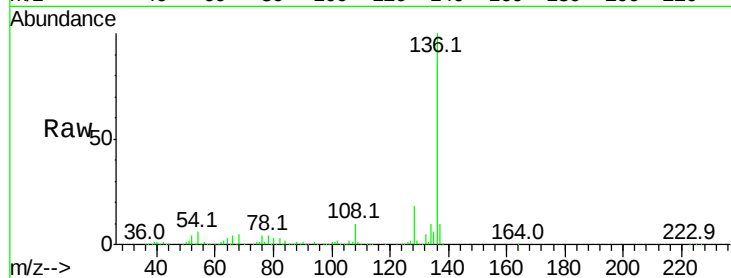
Instrument :

BNA_F

ClientSampleId :

PB86541BS

Tot Ion:136	Resp:	900309
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	6.4	9.1 13.7#
68	4.8	4.8 7.2



#22

Acetophenone

Concen: 30.21 ng

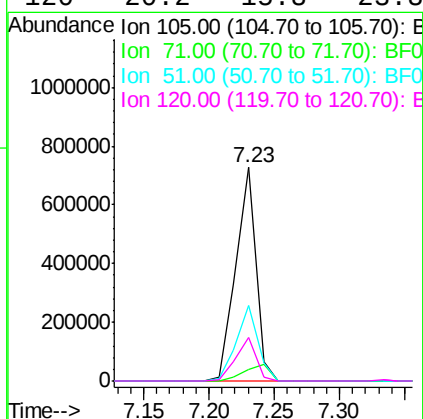
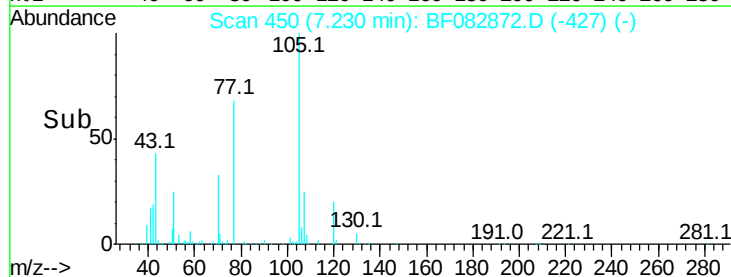
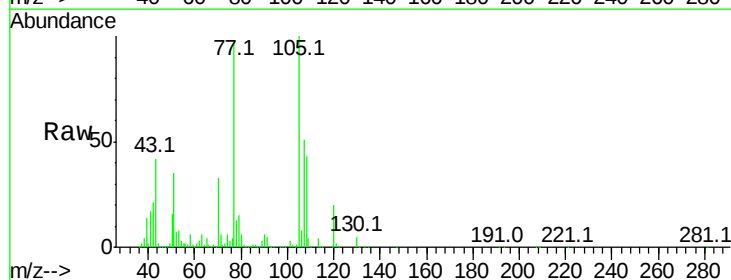
RT: 7.23 min Scan# 450

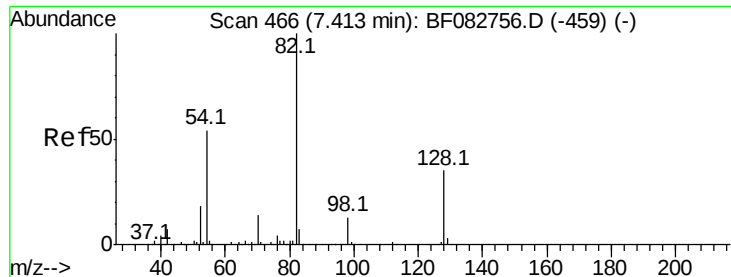
Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Tgt Ion:105	Resp:	779417
Ion Ratio	Lower	Upper
105	100	
71	5.5	5.6 8.4#
51	35.3	24.9 37.3
120	20.2	15.8 23.8

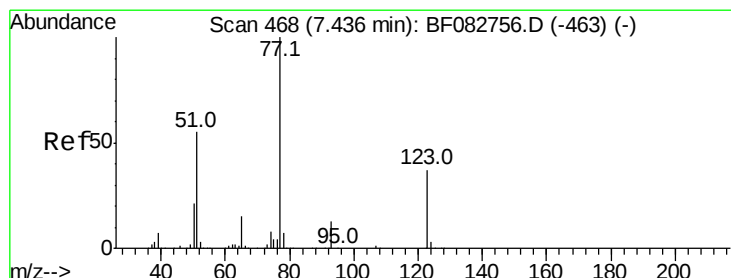
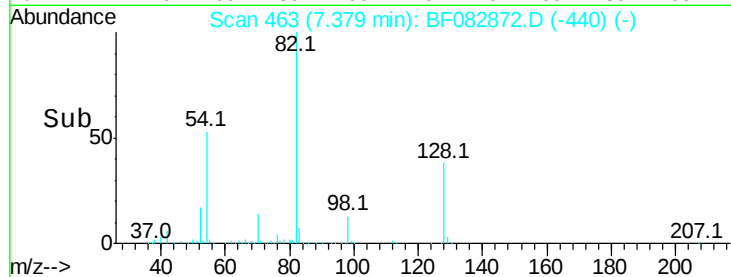
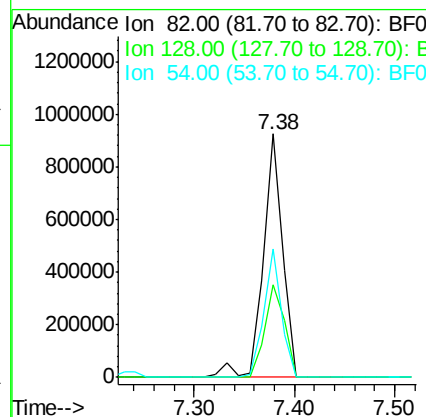
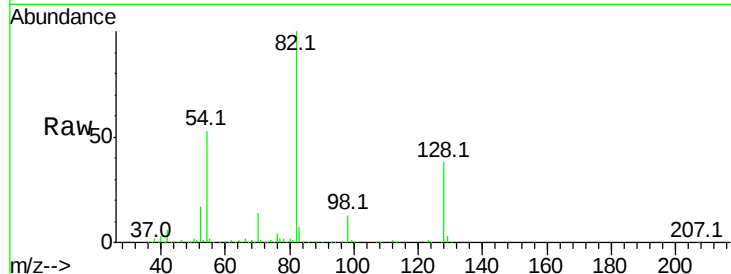




#23
 Nitrobenzene-d5
 Concen: 59.04 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

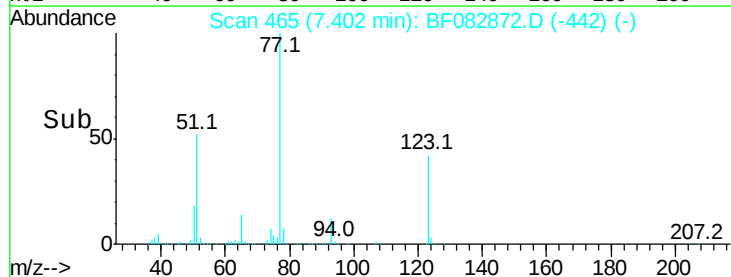
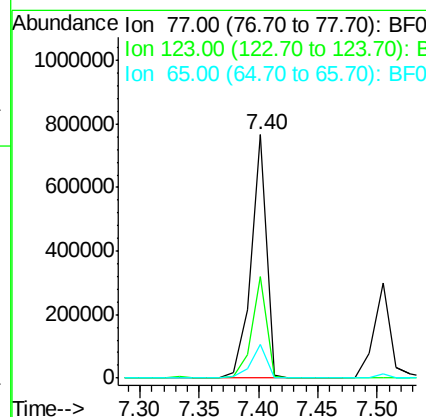
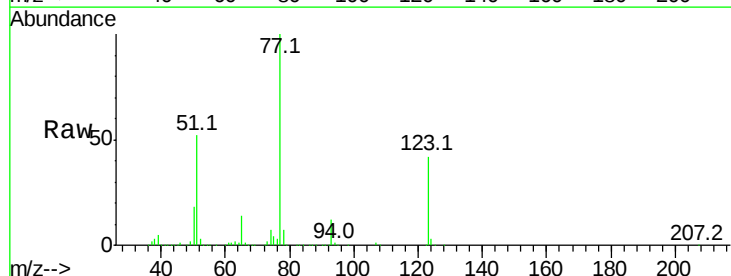
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

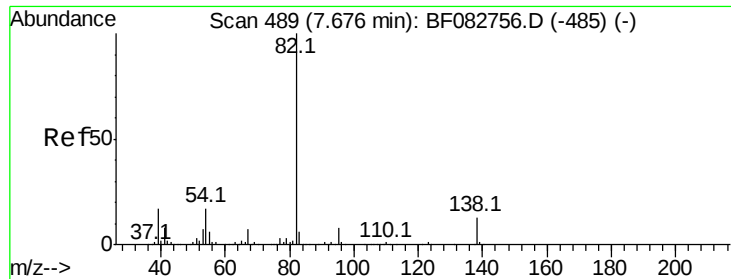
Tot Ion: 82 Resp: 1221631
 Ion Ratio Lower Upper
 82 100
 128 38.2 26.8 40.2
 54 52.6 45.7 68.5



#24
 Nitrobenzene
 Concen: 32.84 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion: 77 Resp: 694965
 Ion Ratio Lower Upper
 77 100
 123 41.8 36.4 54.6
 65 14.1 11.5 17.3





#25

Isophorone

Concen: 30.35 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

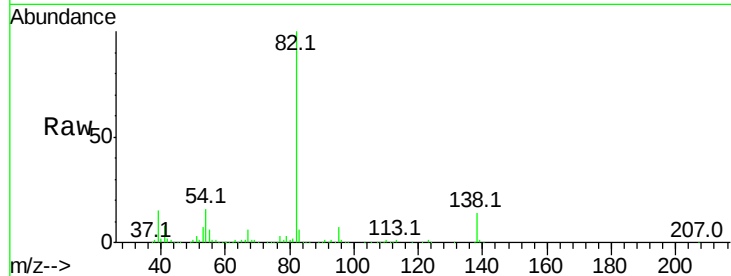
Tot Ion: 82 Resp: 1161835

Ion Ratio Lower Upper

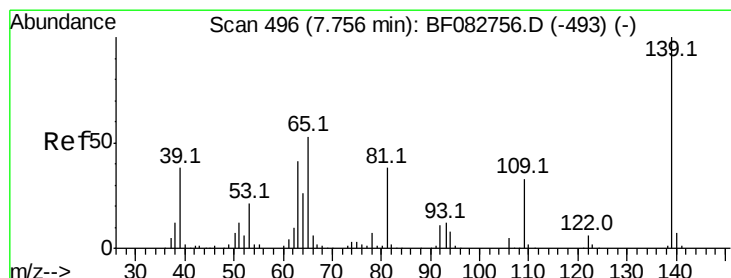
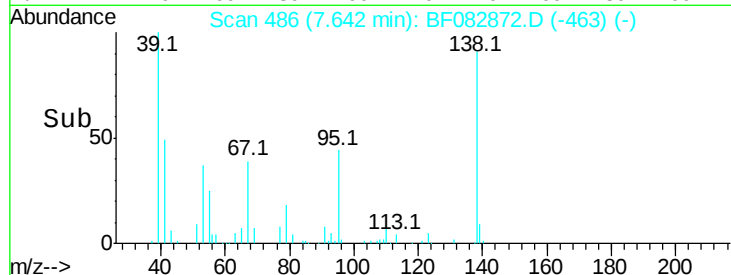
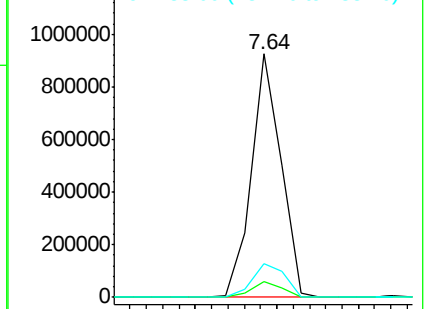
82 100

95 6.6 6.6 9.8

138 13.8 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.72 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

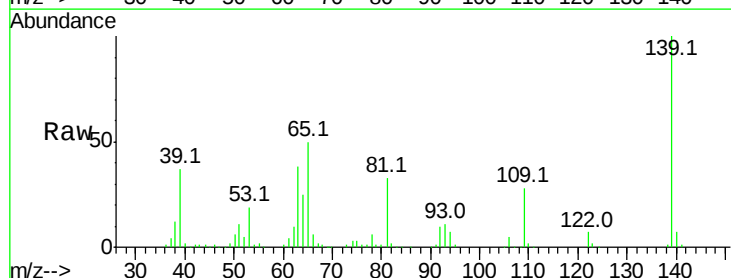
Tgt Ion:139 Resp: 306679

Ion Ratio Lower Upper

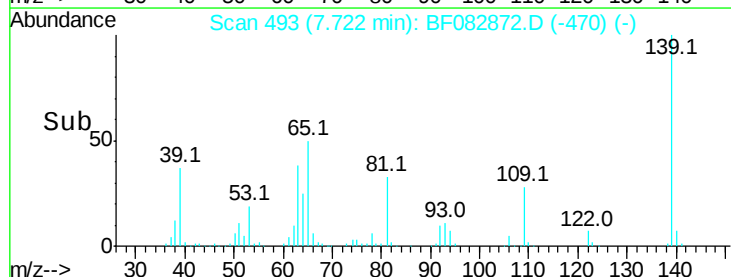
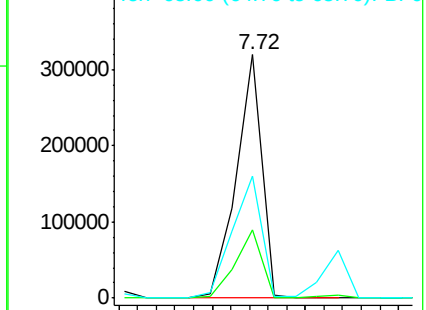
139 100

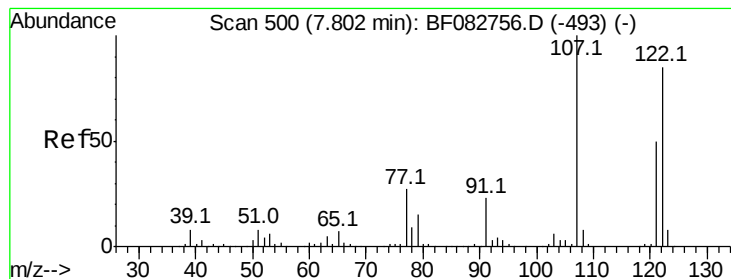
109 28.3 37.6 56.4#

65 50.0 70.6 105.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.38 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

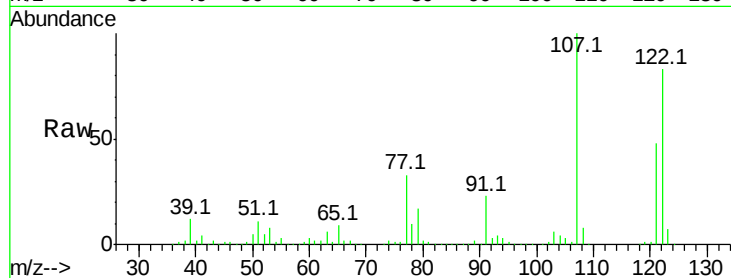
Tot Ion:122 Resp: 545593

Ion Ratio Lower Upper

122 100

107 120.8 106.0 159.0

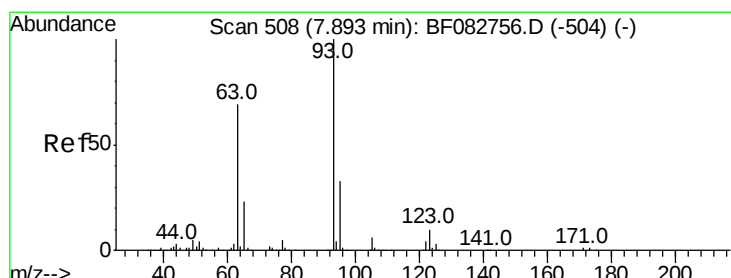
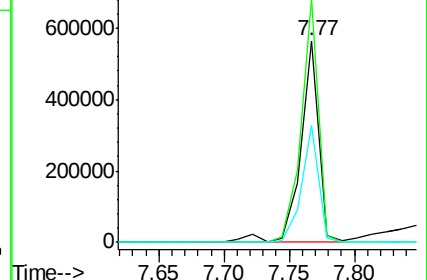
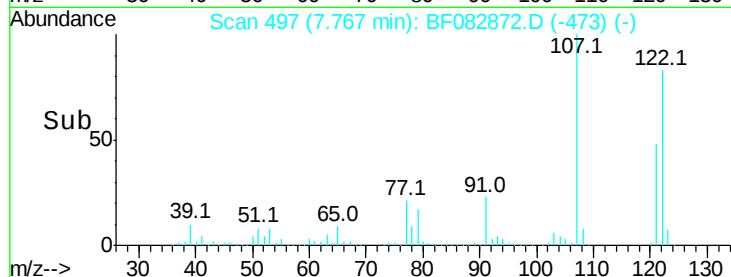
121 58.1 46.7 70.1



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: 34.10 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

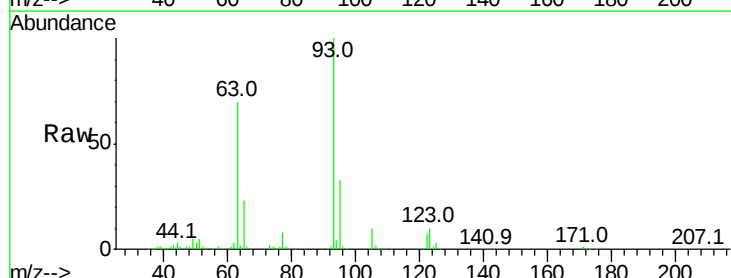
Tgt Ion: 93 Resp: 736415

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

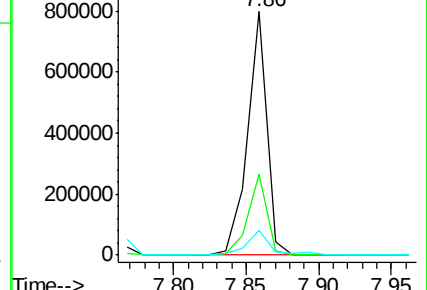
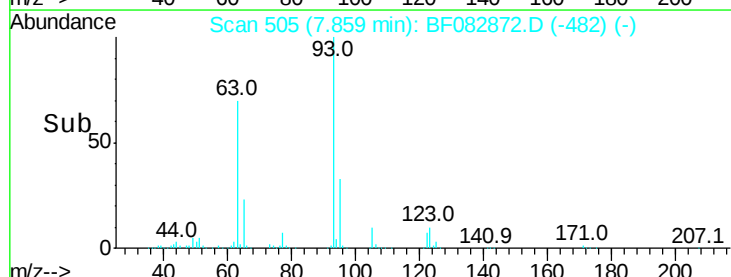
123 10.2 9.7 14.5

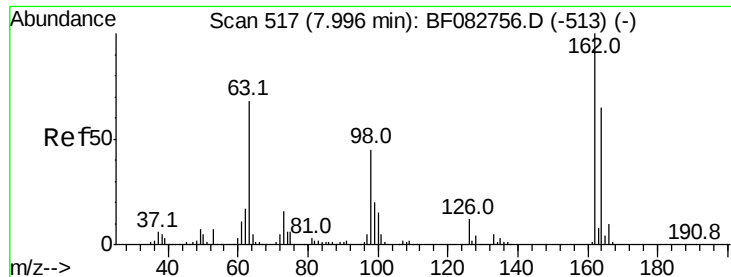


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.15 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

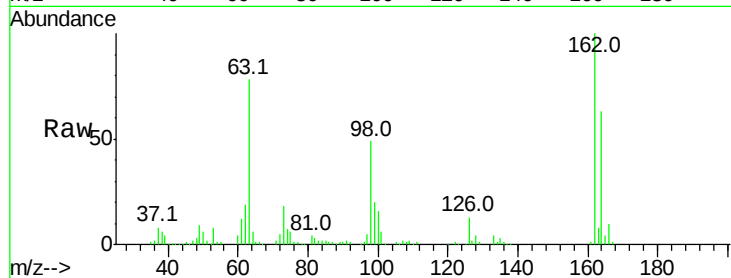
Tot Ion:162 Resp: 461083

Ion Ratio Lower Upper

162 100

164 63.4 46.8 86.8

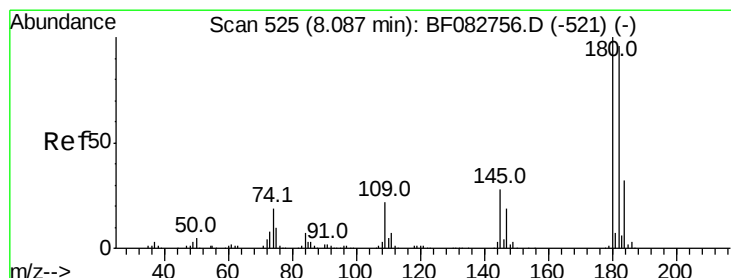
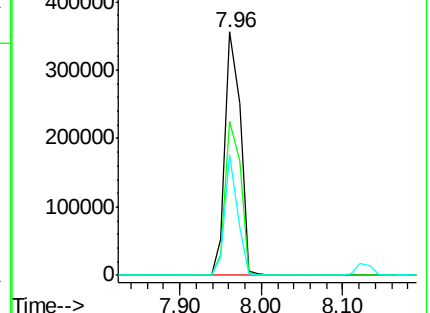
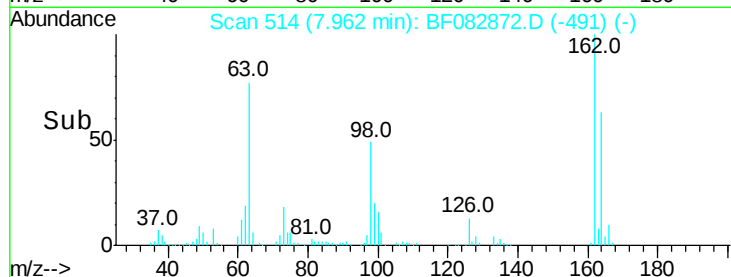
98 49.4 12.5 52.5



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: 30.50 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

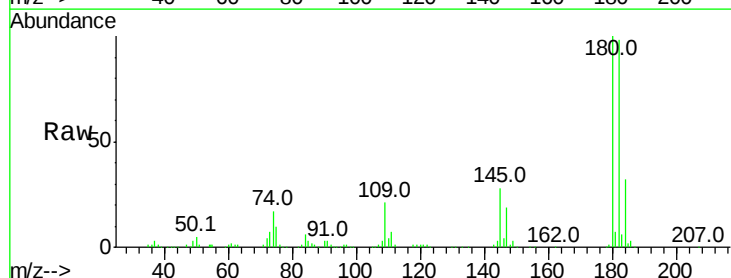
Tgt Ion:180 Resp: 491977

Ion Ratio Lower Upper

180 100

182 98.3 74.9 112.3

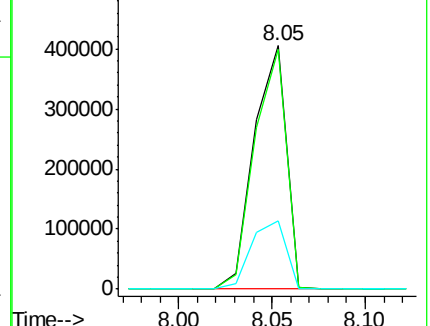
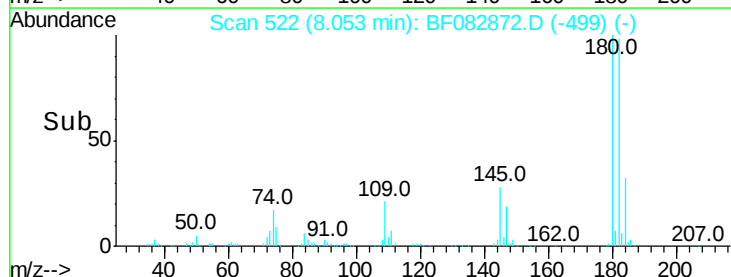
145 28.1 27.8 41.8

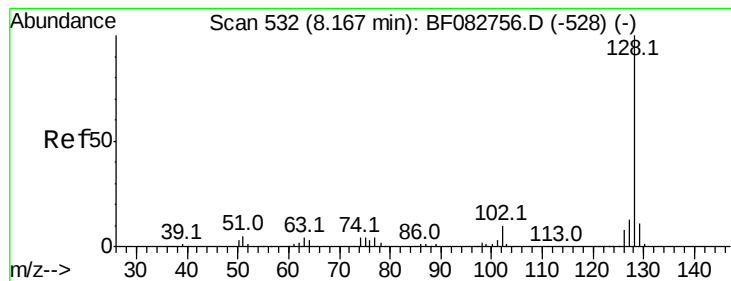


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.17 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

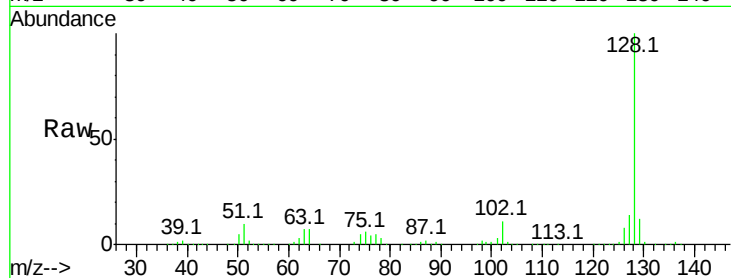
Tot Ion:128 Resp: 1498441

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

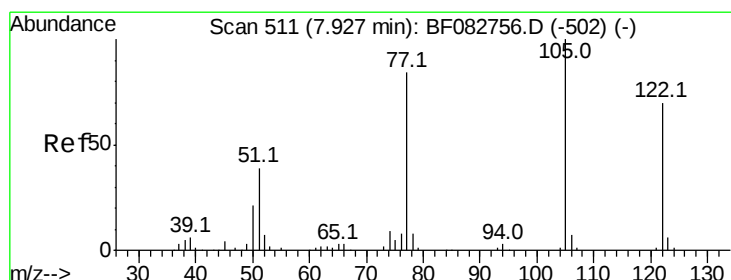
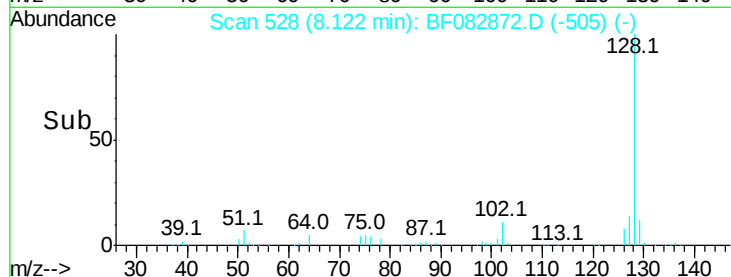
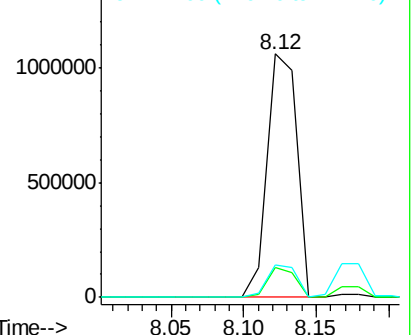
127 13.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.97 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

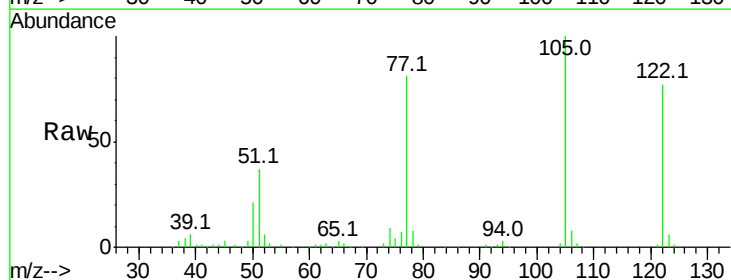
Tgt Ion:122 Resp: 347350

Ion Ratio Lower Upper

122 100

105 129.3 122.6 162.6

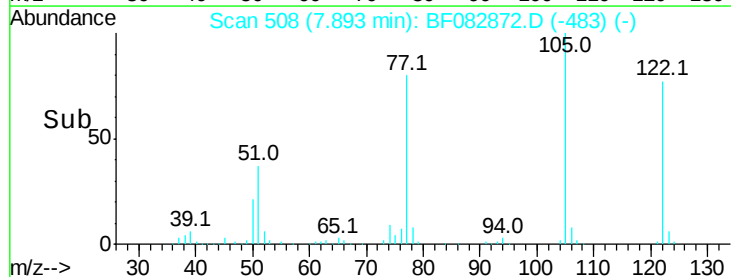
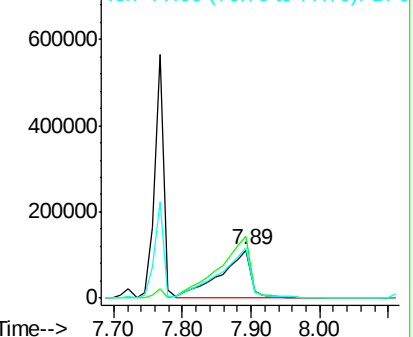
77 104.3 100.9 140.9

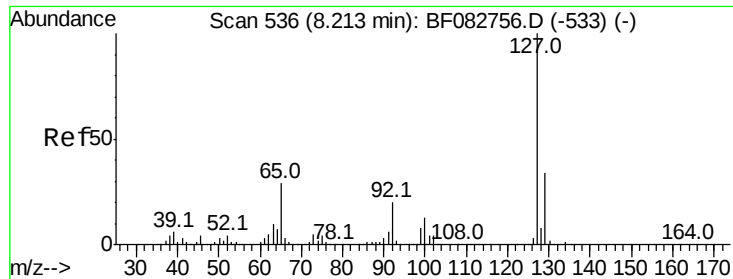


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

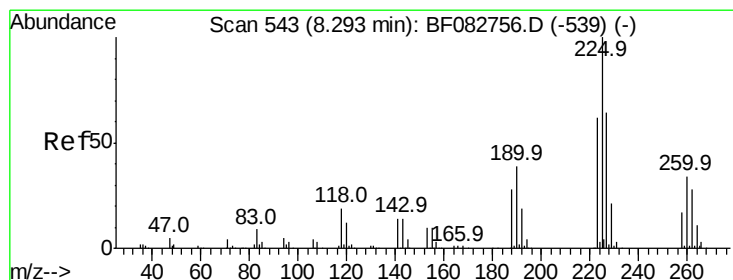
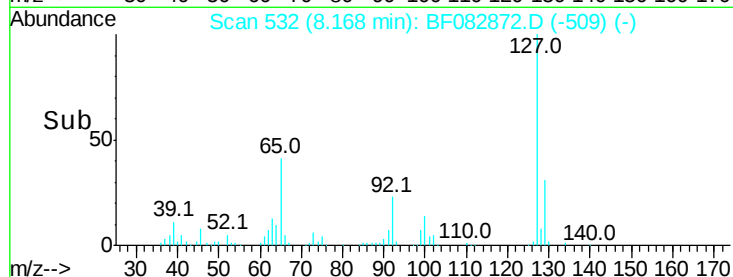
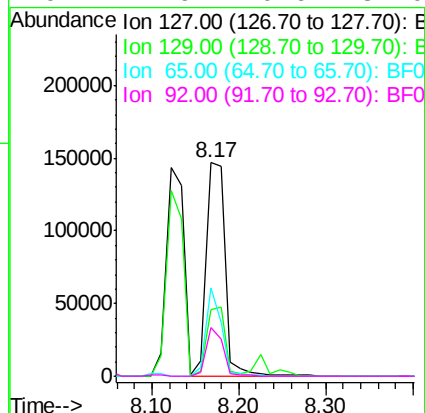
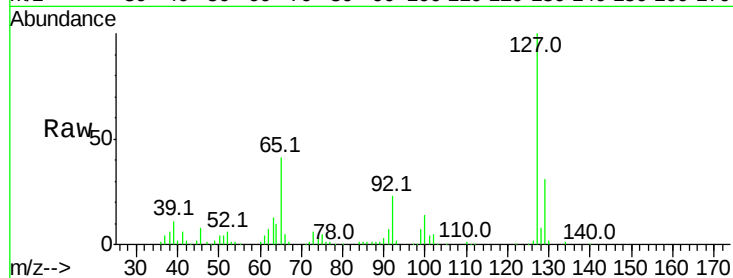




#33
4-Chloroaniline
Concen: 10.39 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

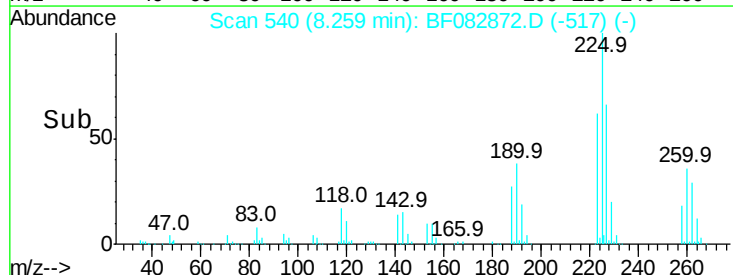
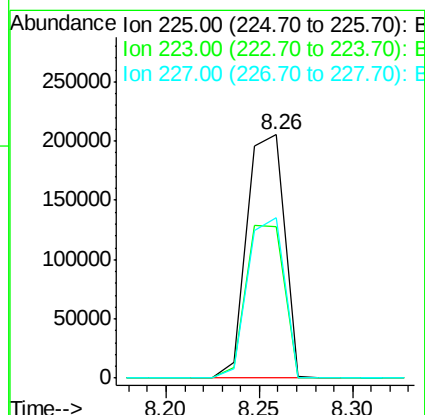
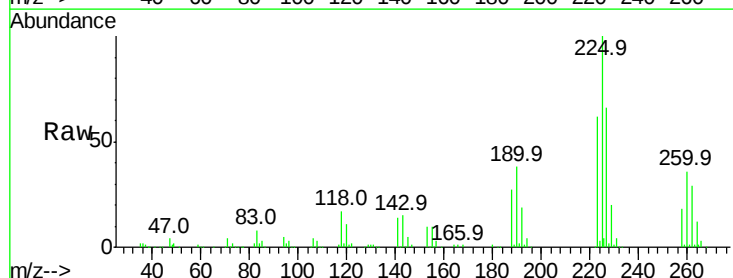
Instrument :
BNA_F
ClientSampleId :
PB86541BS

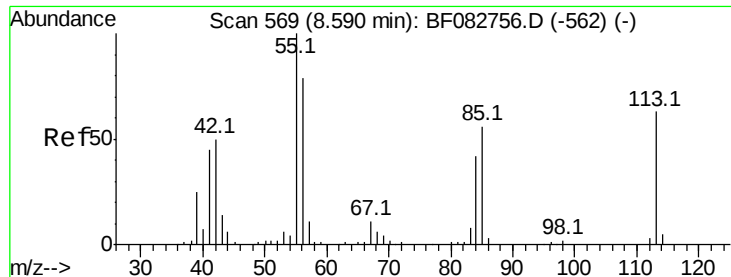
Tot Ion:	127	Resp:	222441
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	41.1	37.8	56.8
92	22.6	20.6	31.0



#34
Hexachlorobutadiene
Concen: 28.23 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:	225	Resp:	284984
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.5	75.7
227	65.7	50.2	75.2

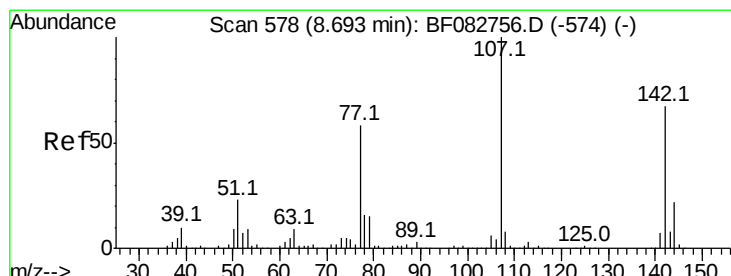
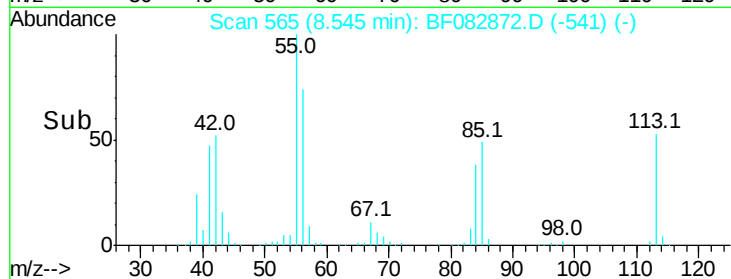
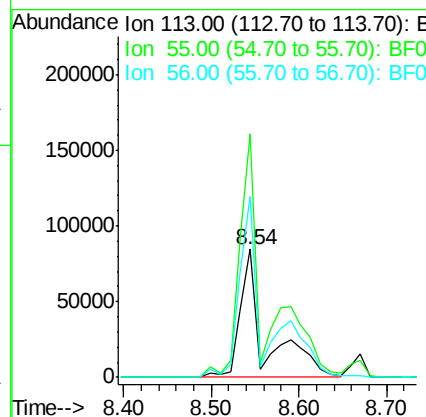
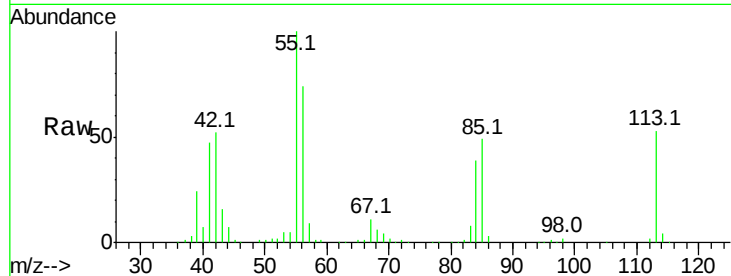




#35
 Caprolactam
 Concen: 37.27 ng/ml
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

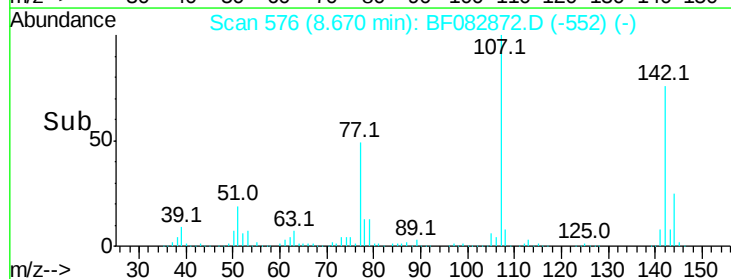
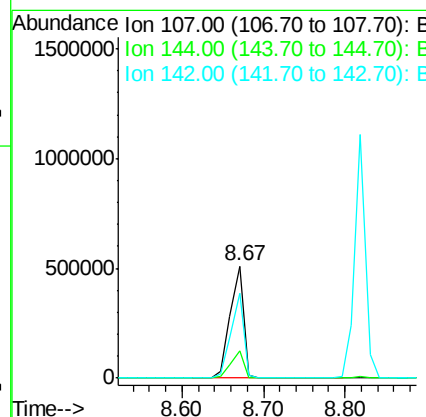
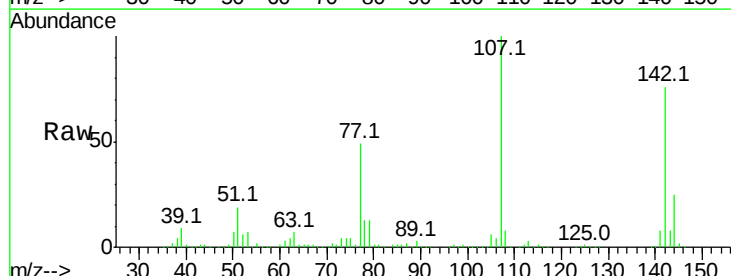
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

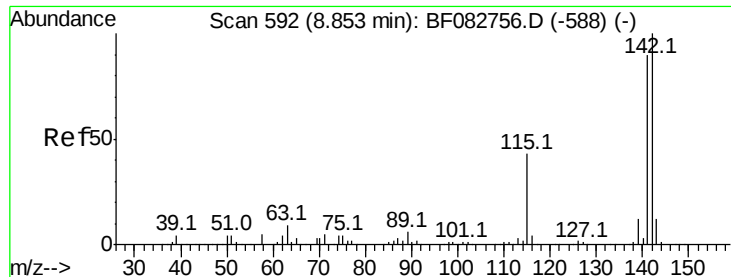
Tot Ion:113 Resp: 168503
 Ion Ratio Lower Upper
 113 100
 55 189.7 195.5 235.5#
 56 140.6 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 34.18 ng/ml
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:107 Resp: 576447
 Ion Ratio Lower Upper
 107 100
 144 24.9 15.4 23.0#
 142 75.7 47.8 71.8#

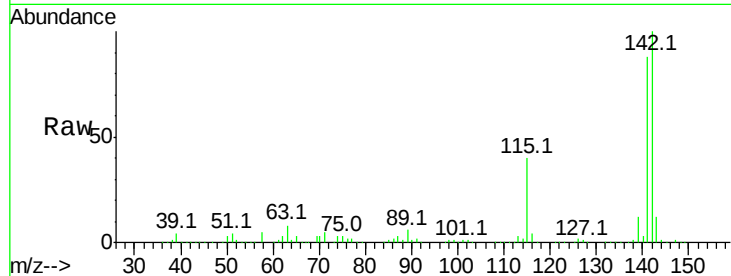




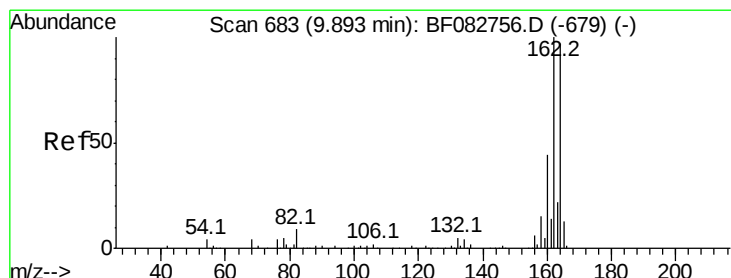
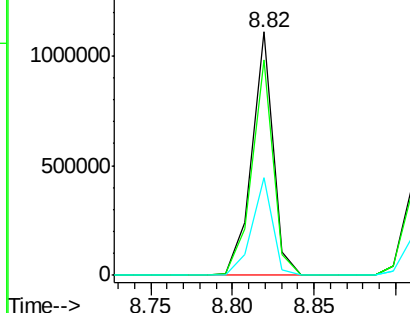
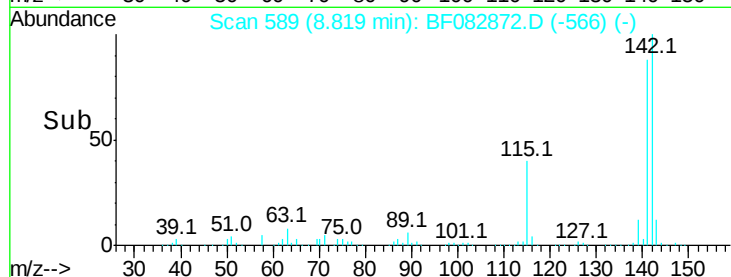
#37
2-Methylnaphthalene
Concen: 31.43 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB86541BS

Tot Ion:142 Resp: 1010025
Ion Ratio Lower Upper
142 100
141 88.4 72.3 108.5
115 40.3 38.1 57.1

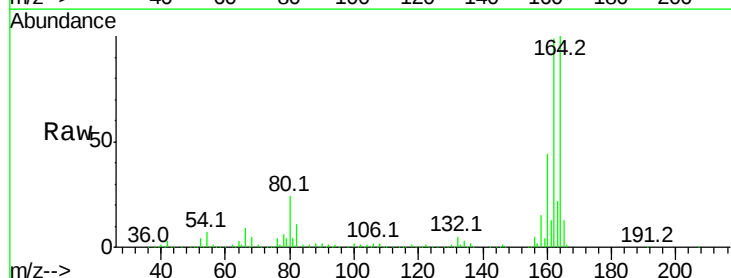


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

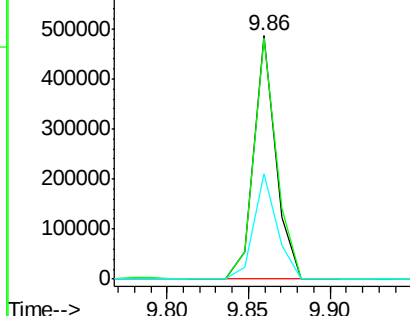
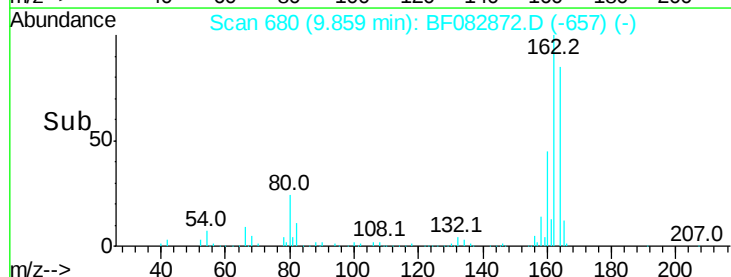


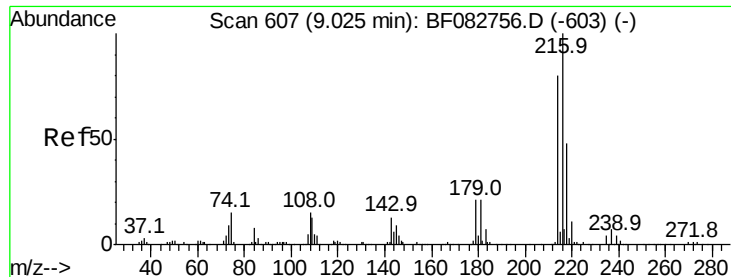
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:164 Resp: 457975
Ion Ratio Lower Upper
164 100
162 99.0 84.9 127.3
160 43.5 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

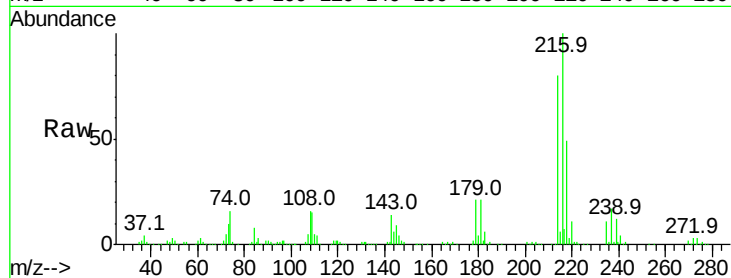




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.95 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:	216	Resp:	495947
Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.2	93.2
179	21.9	18.1	27.1
108	22.1	16.6	25.0

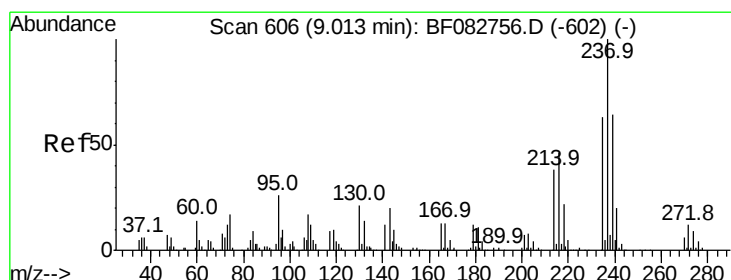
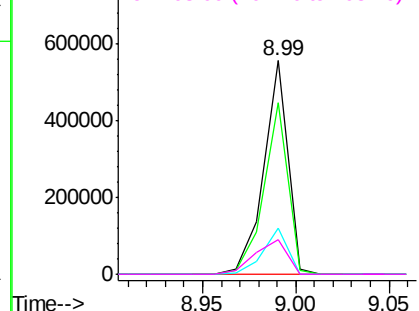
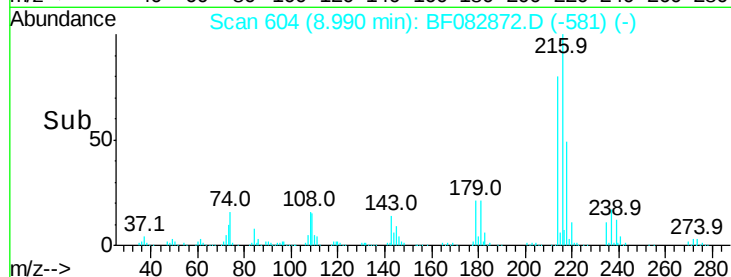


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

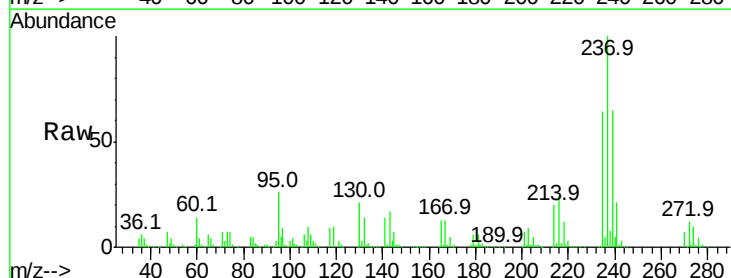
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 65.07 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

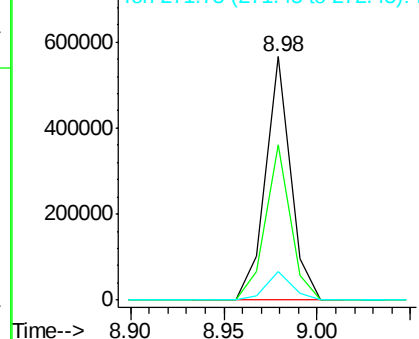
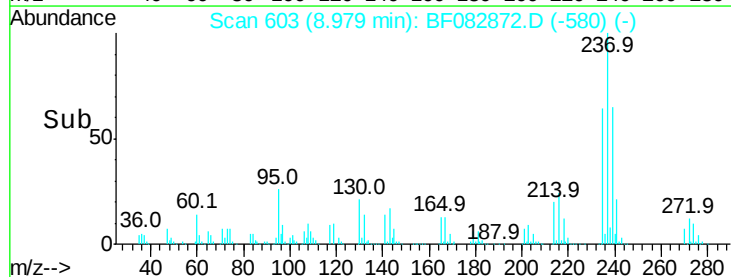
Tgt Ion:	237	Resp:	526107
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.3	84.3
272	11.9	0.0	31.9

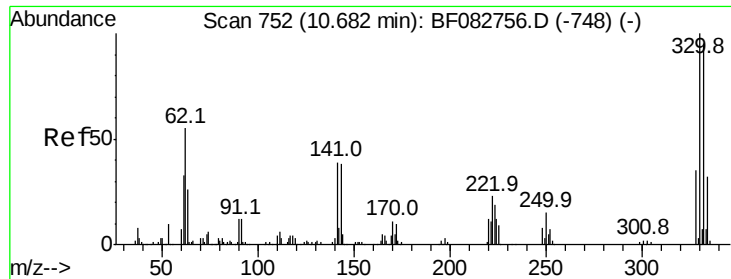


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

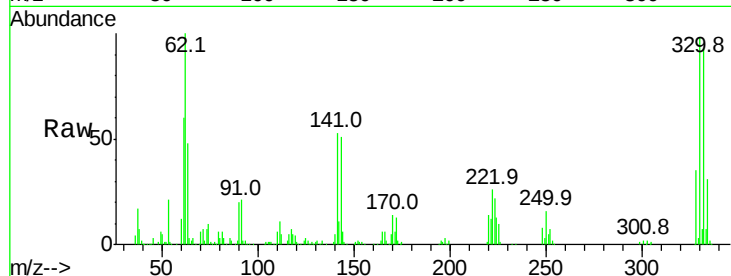




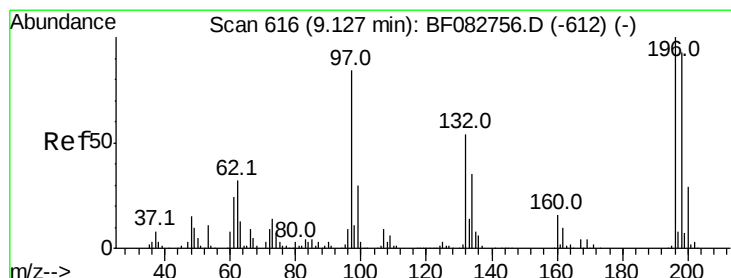
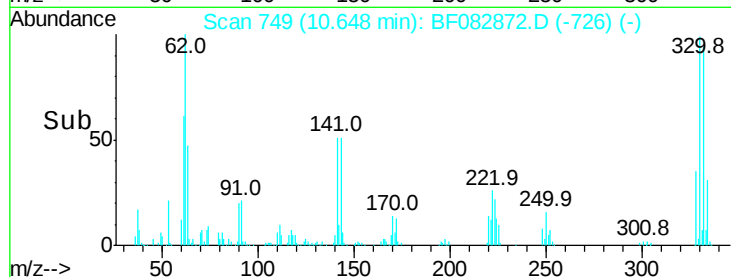
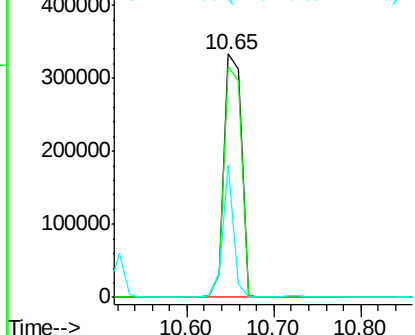
#41
 2,4,6-Tribromophenol
 Concen: 89.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:330 Resp: 471761
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 34.4 41.2 61.8#

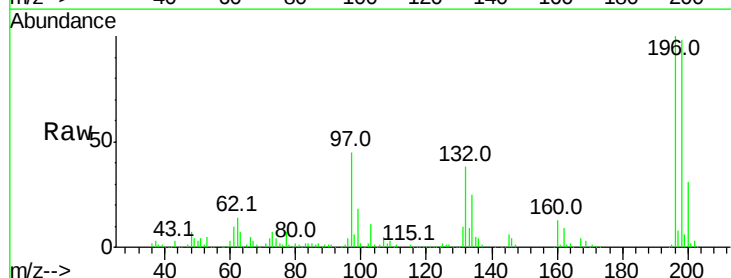


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

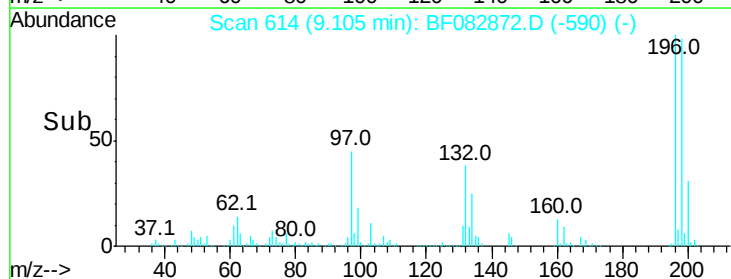
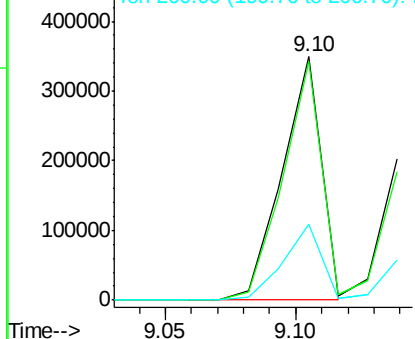


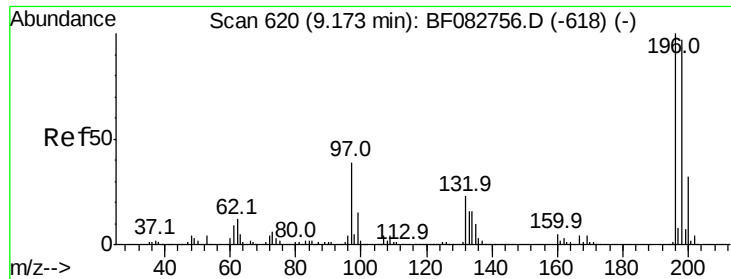
#42
 2,4,6-Trichlorophenol
 Concen: 32.20 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:196 Resp: 361733
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.3 114.5
 200 31.4 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

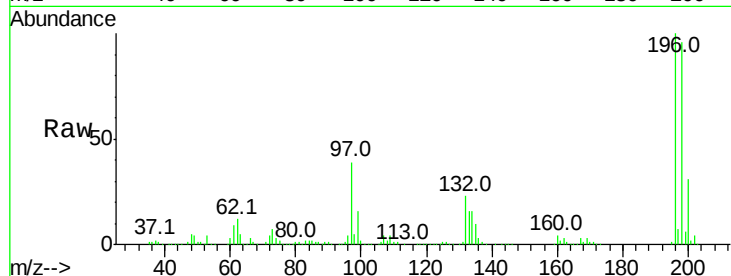




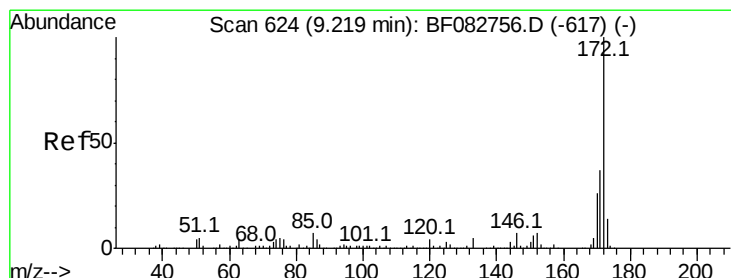
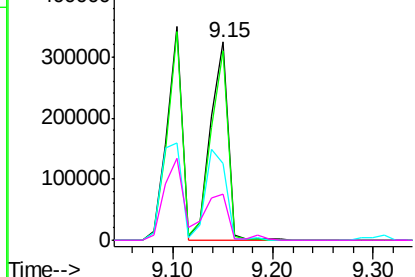
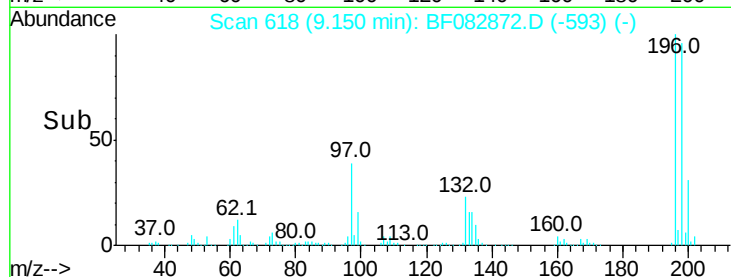
#43
 2,4,5-Trichlorophenol
 Concen: 35.15 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:196	Resp:	390593
Ion Ratio	Lower	Upper
196	100	
198	95.6	75.8 113.8
97	38.7	62.3 93.5#
132	23.1	27.4 41.2#

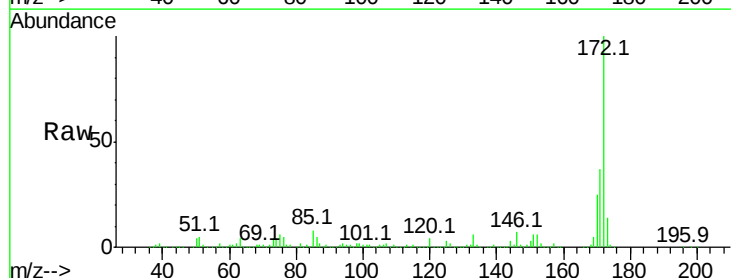


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

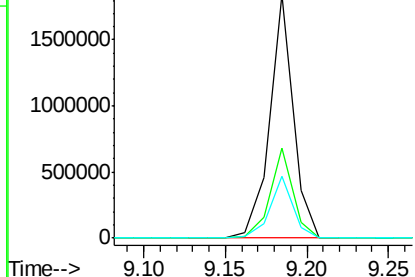
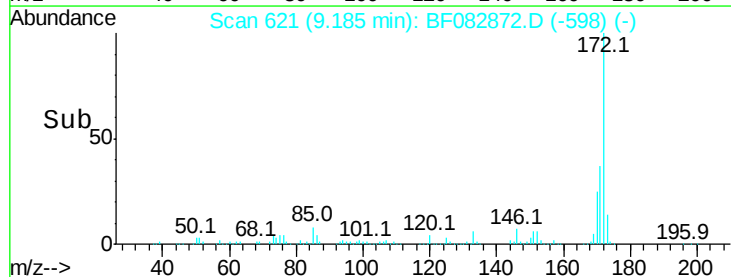


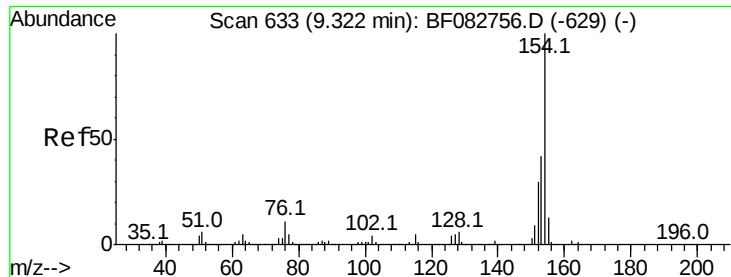
#44
 2-Fluorobiphenyl
 Concen: 57.90 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:172	Resp:	1850099
Ion Ratio	Lower	Upper
172	100	
171	37.2	30.8 46.2
170	25.2	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: 33.53 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

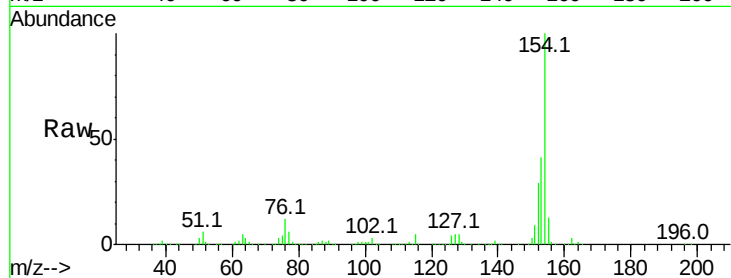
Tot Ion:154 Resp: 1317643

Ion Ratio Lower Upper

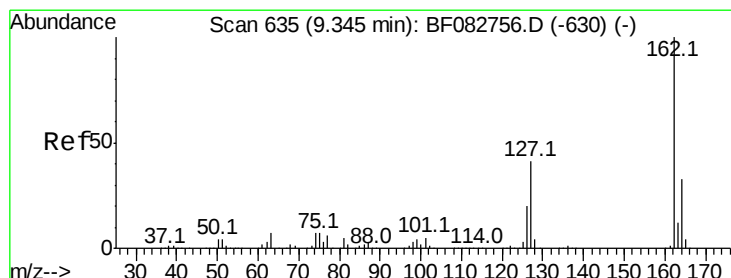
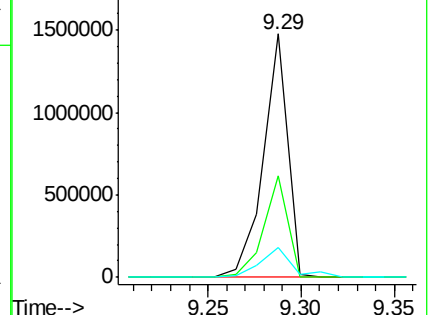
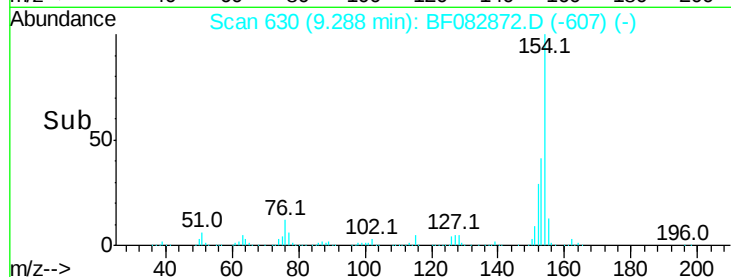
154 100

153 41.5 22.0 62.0

76 12.1 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): BFO



#46

2-Chloronaphthalene

Concen: 34.64 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

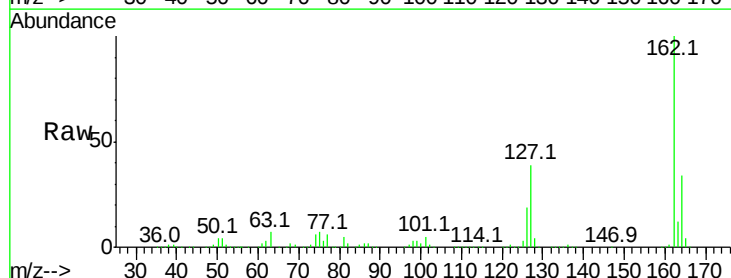
Tgt Ion:162 Resp: 1061955

Ion Ratio Lower Upper

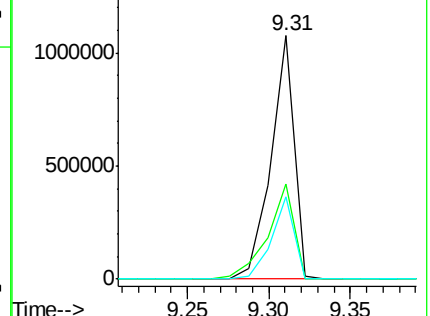
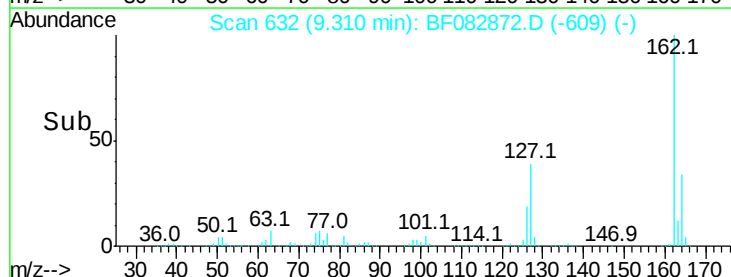
162 100

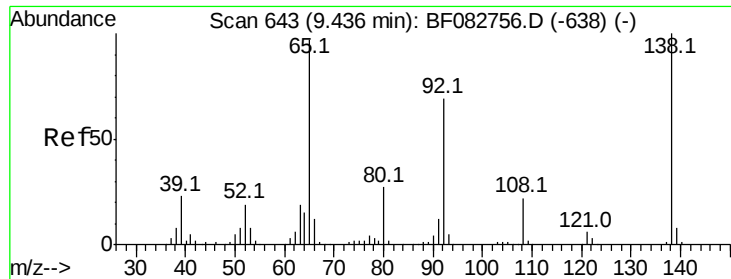
127 38.9 32.7 49.1

164 33.8 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

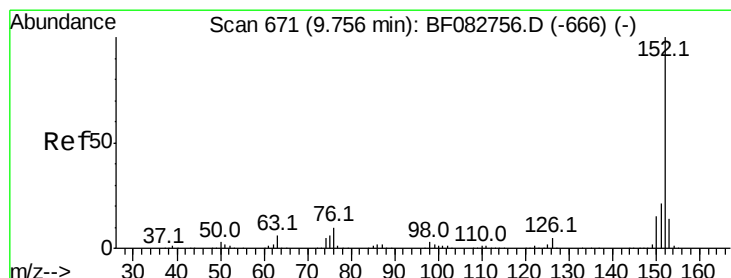
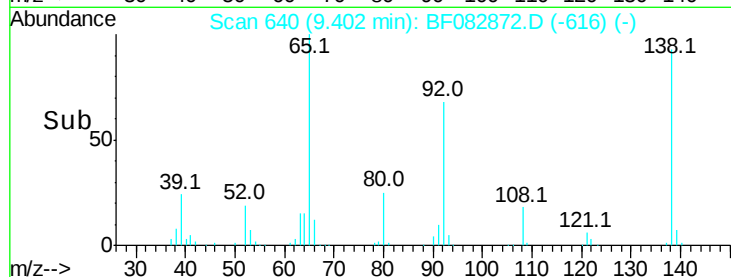
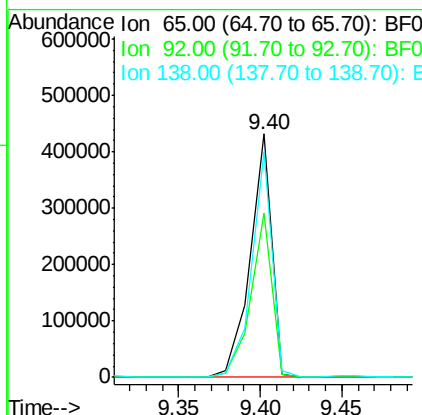
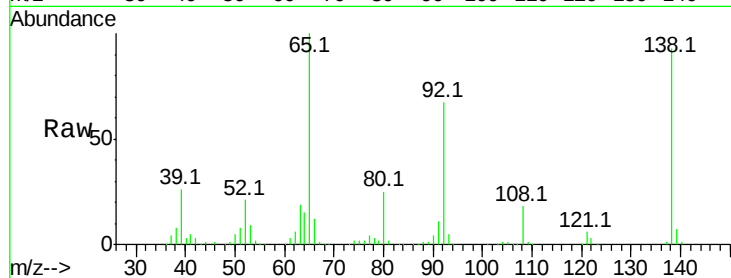




#47
 2-Nitroaniline
 Concen: 34.84 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

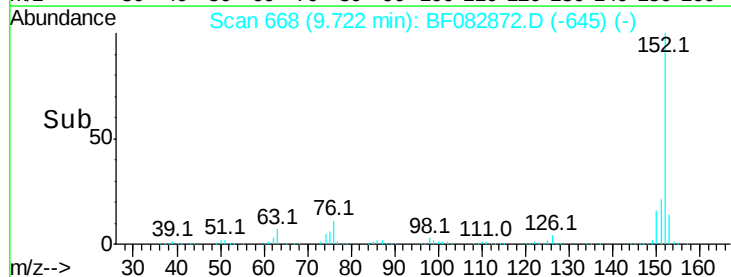
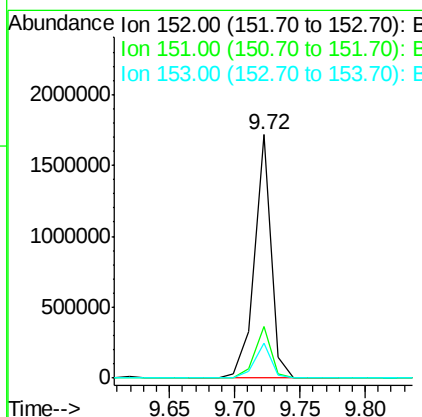
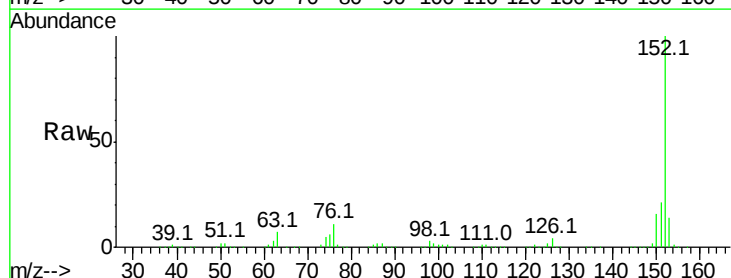
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

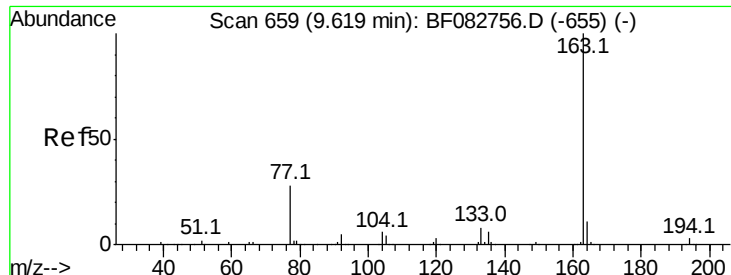
Tot Ion: 65 Resp: 396157
 Ion Ratio Lower Upper
 65 100
 92 67.4 46.6 70.0
 138 92.6 54.6 81.8#



#48
 Acenaphthylene
 Concen: 31.73 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion: 152 Resp: 1524269
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.3 25.9
 153 14.2 11.3 16.9

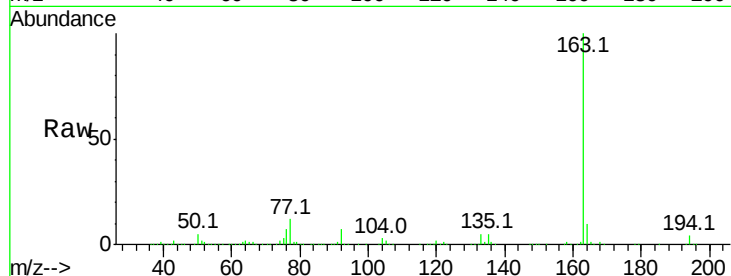




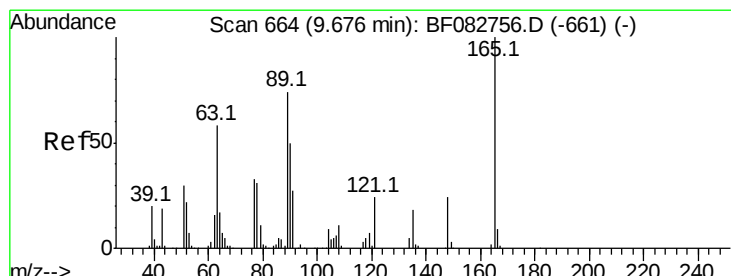
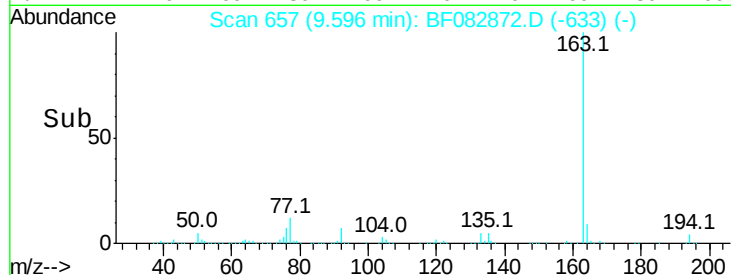
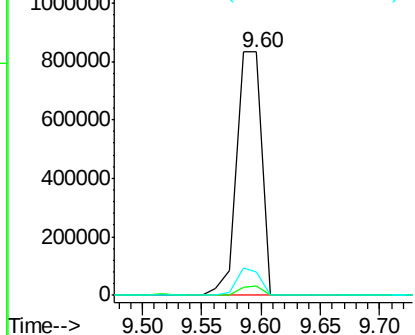
#49
Dimethylphthalate
Concen: 32.49 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Instrument :
BNA_F
ClientSampled :
PB86541BS

Tot Ion:163 Resp: 1219218
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.7 8.7 13.1

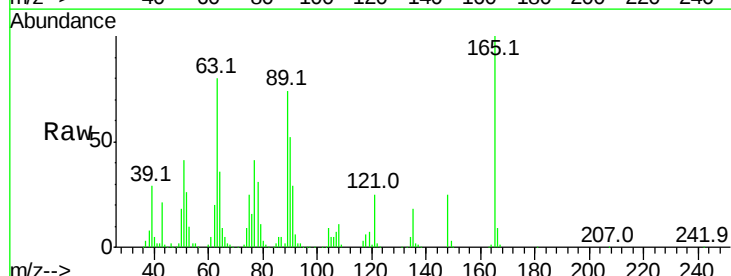


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

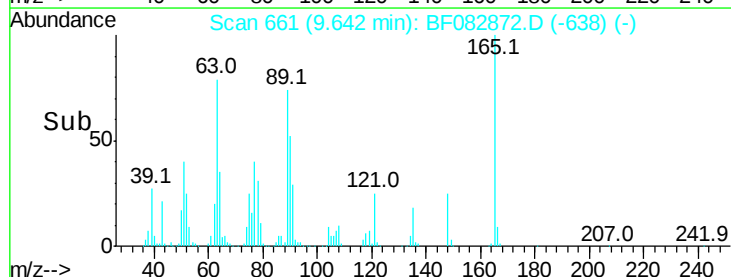
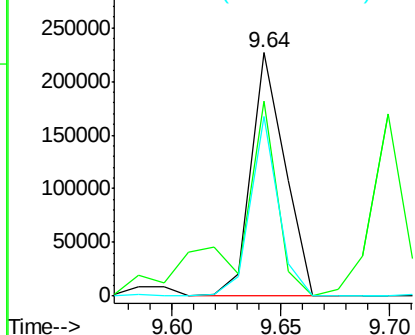


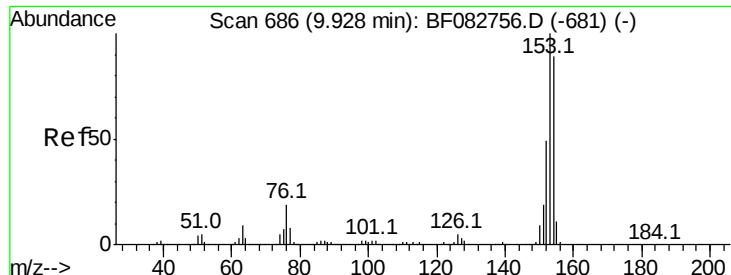
#50
2,6-Dinitrotoluene
Concen: 30.57 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:165 Resp: 244736
Ion Ratio Lower Upper
165 100
63 80.0 55.5 83.3
89 73.9 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.64 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

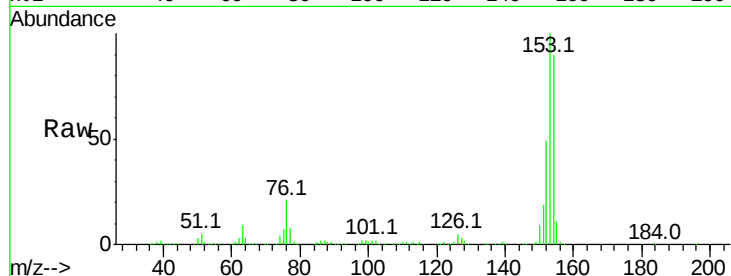
Tot Ion:154 Resp: 1054648

Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

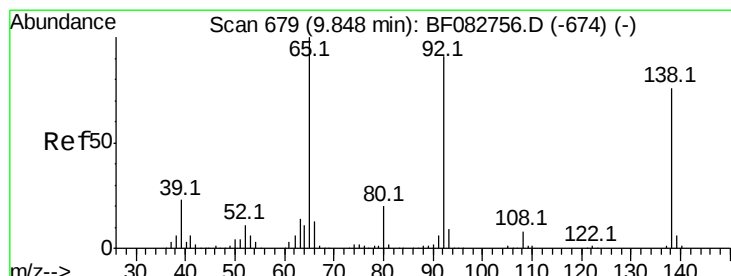
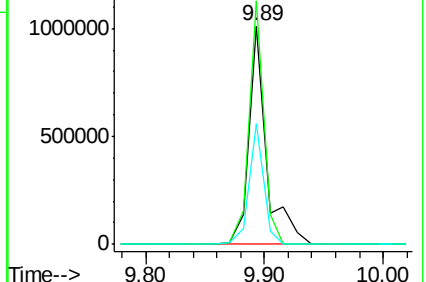
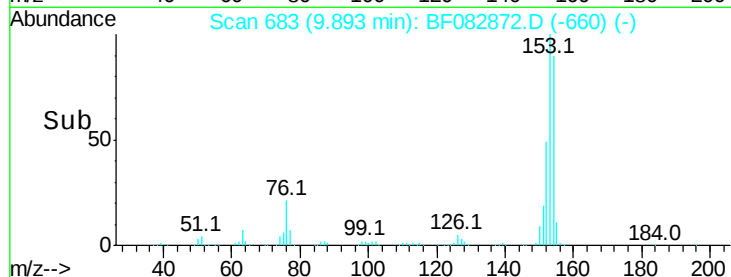
152 55.1 44.3 66.5



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: 19.19 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

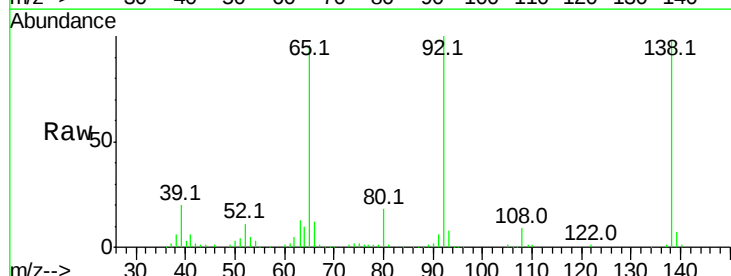
Tgt Ion:138 Resp: 168967

Ion Ratio Lower Upper

138 100

108 9.3 11.3 16.9#

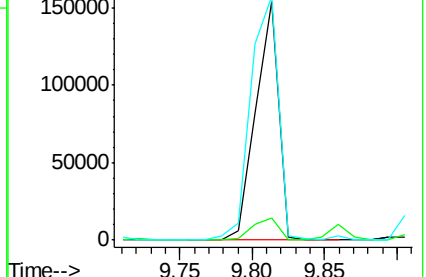
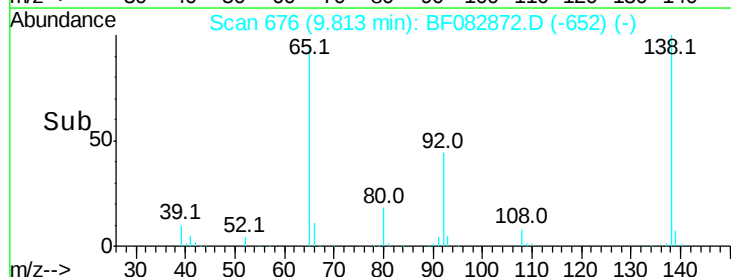
92 102.0 122.4 183.6#

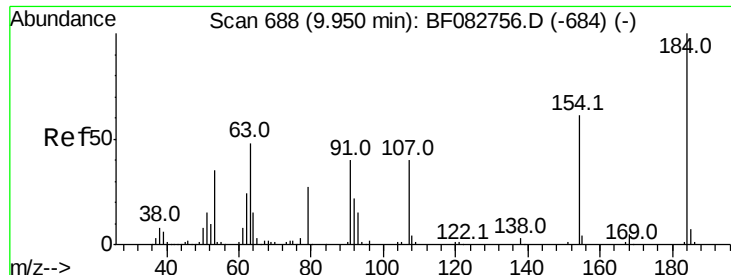


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

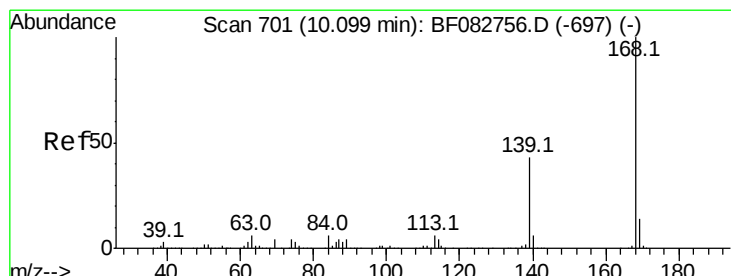
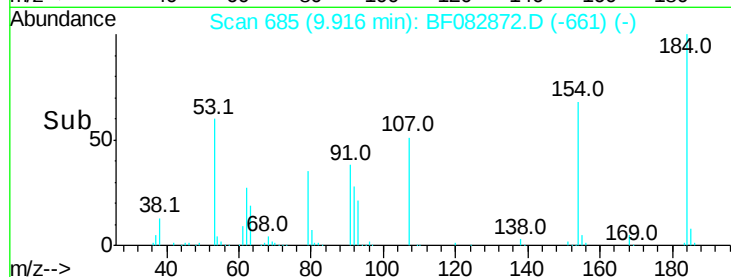
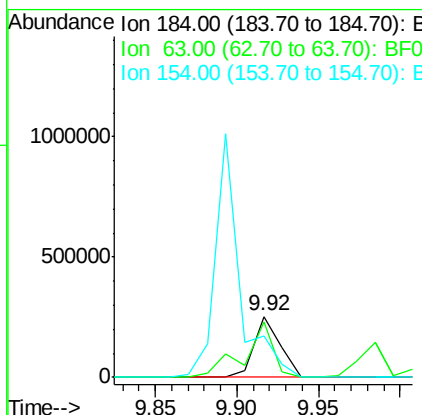
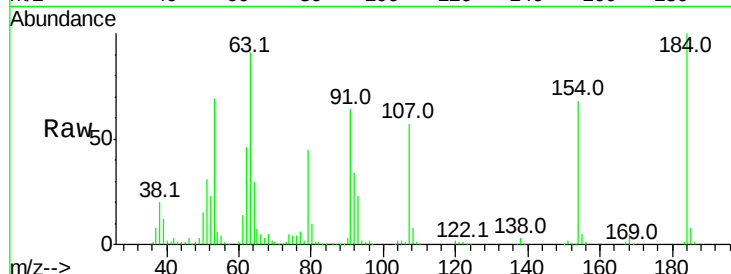




#53
 2,4-Dinitrophenol
 Concen: 65.04 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

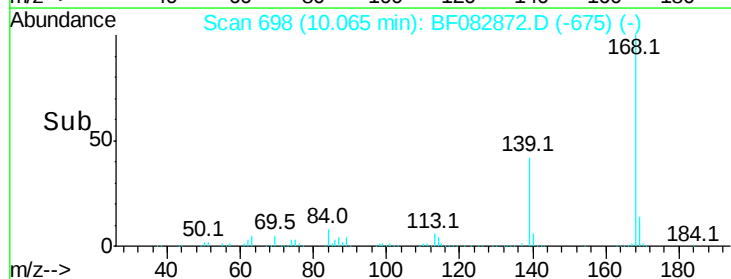
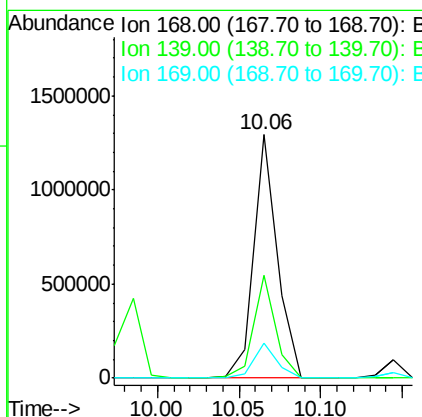
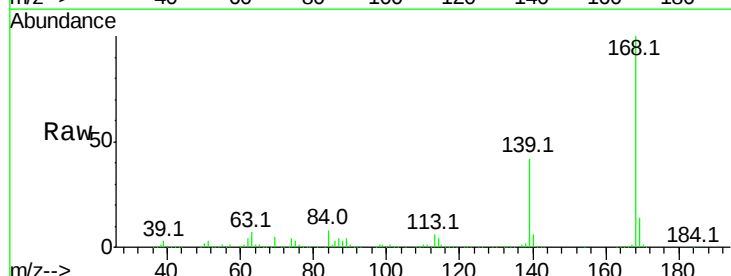
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

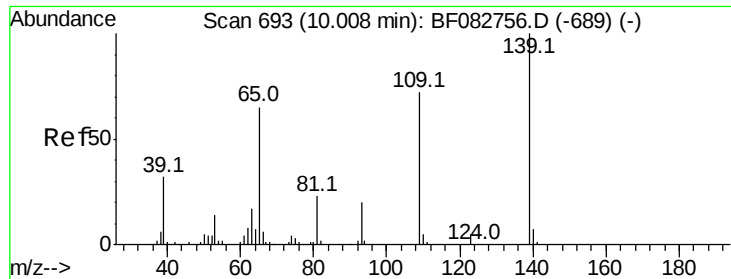
Tot Ion:184 Resp: 285880
 Ion Ratio Lower Upper
 184 100
 63 90.6 98.6 148.0#
 154 68.0 183.9 275.9#



#54
 Dibenzofuran
 Concen: 31.63 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:168 Resp: 1298256
 Ion Ratio Lower Upper
 168 100
 139 42.4 37.8 56.6
 169 14.4 11.3 16.9

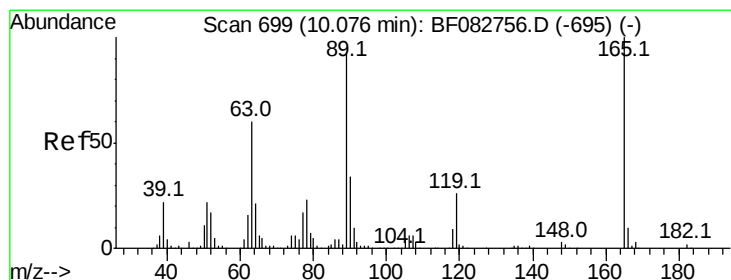
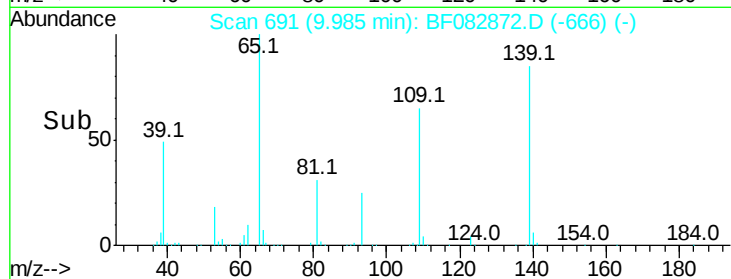
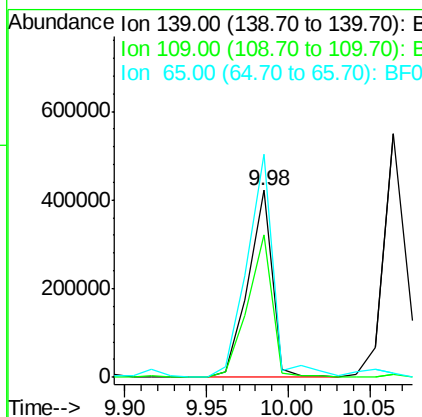
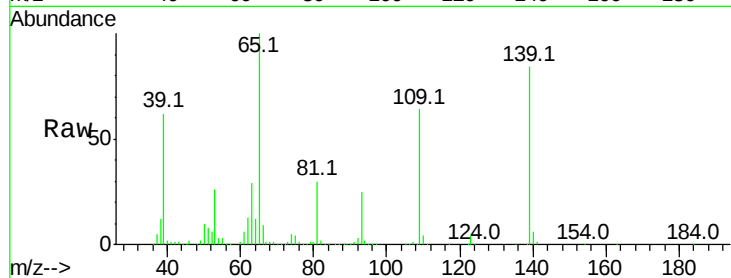




#55
4-Nitrophenol
Concen: 64.72 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

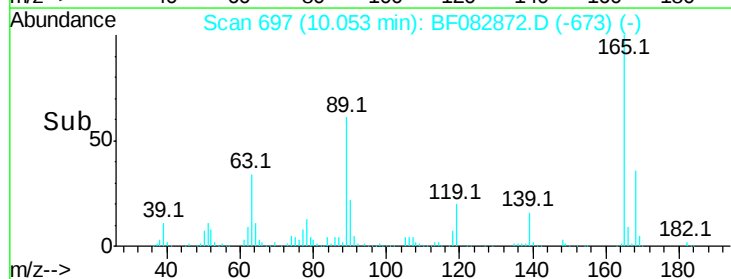
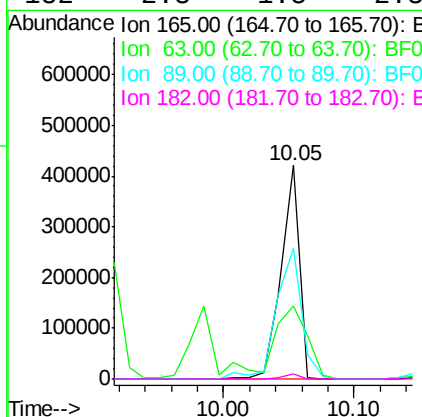
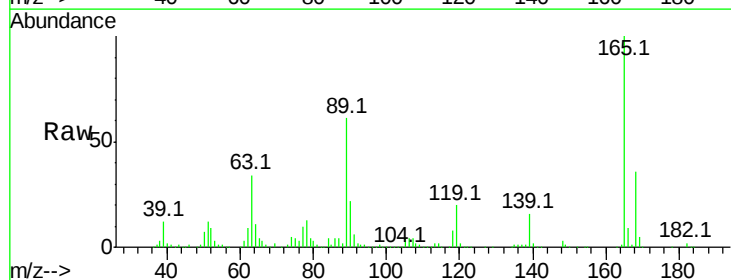
Instrument :
BNA_F
ClientSampleId :
PB86541BS

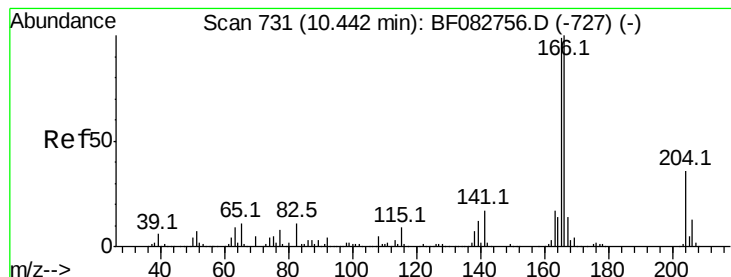
Tot Ion:139 Resp: 437155
Ion Ratio Lower Upper
139 100
109 75.9 73.7 113.7
65 119.1 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 38.24 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:165 Resp: 415340
Ion Ratio Lower Upper
165 100
63 33.9 43.4 65.0#
89 61.1 70.6 106.0#
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 30.57 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

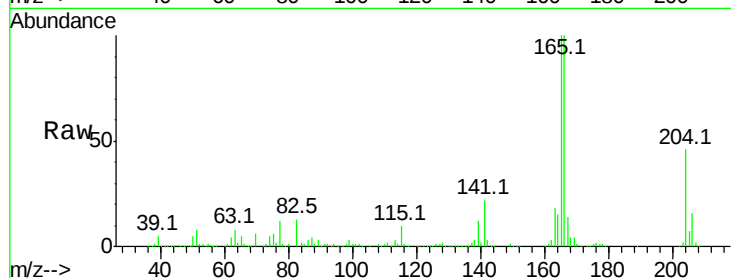
Tot Ion:166 Resp: 1016412

Ion Ratio Lower Upper

166 100

165 100.2 80.2 120.4

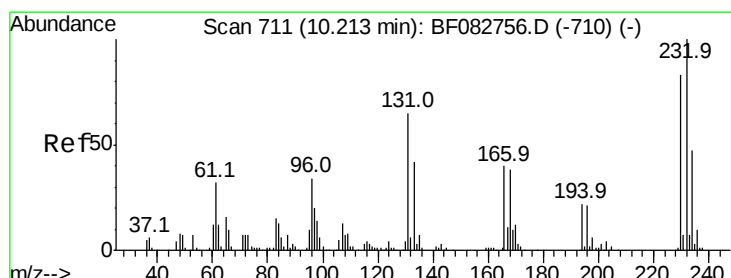
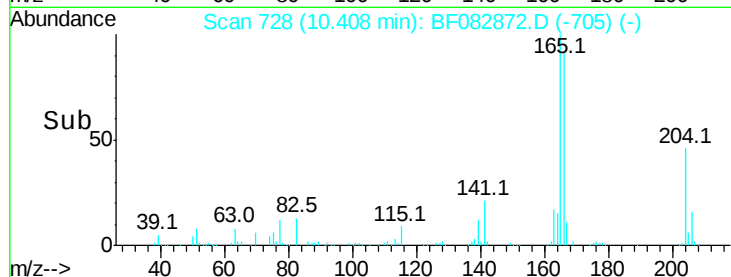
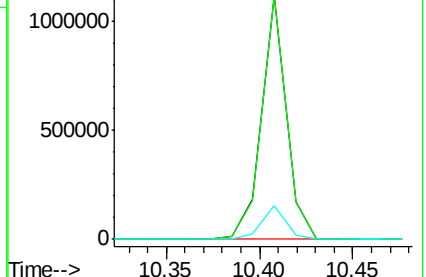
167 14.0 11.2 16.8



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: 35.74 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Tgt Ion:232 Resp: 324051

Ion Ratio Lower Upper

232 100

131 44.9 46.2 69.2#

130 2.1 2.4 3.6#

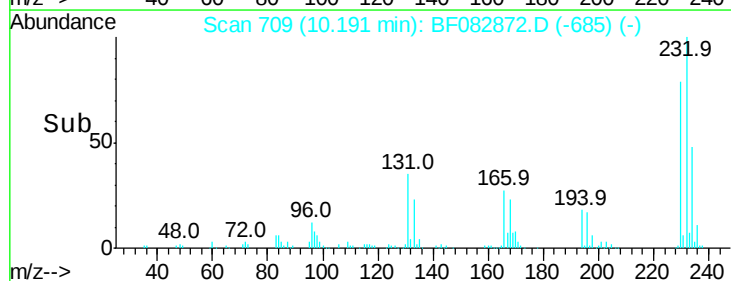
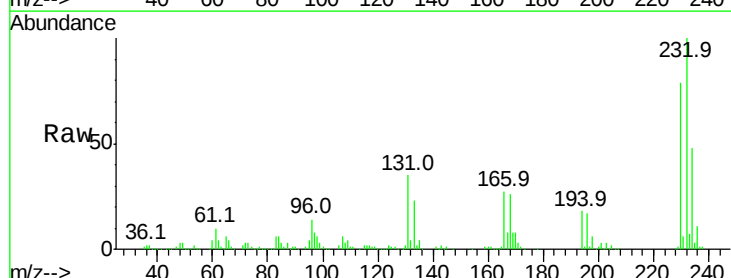
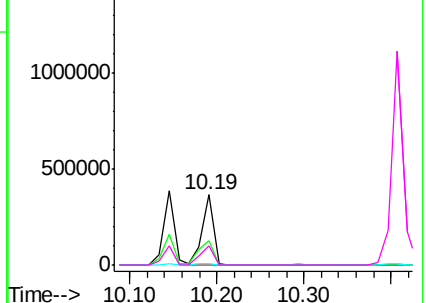
166 30.7 28.2 42.2

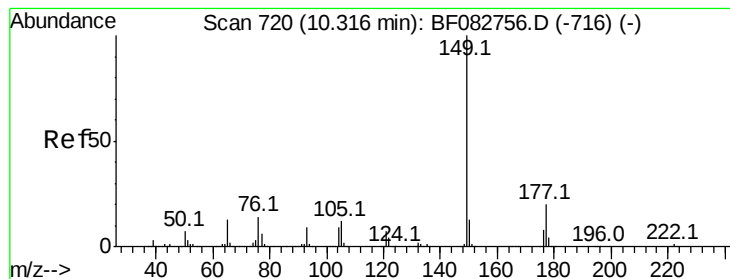
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.82 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

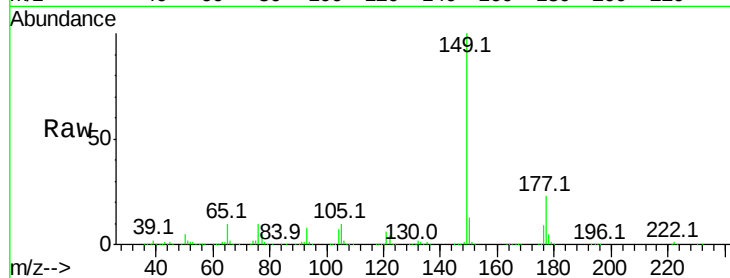
Tot Ion:149 Resp: 1275687

Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

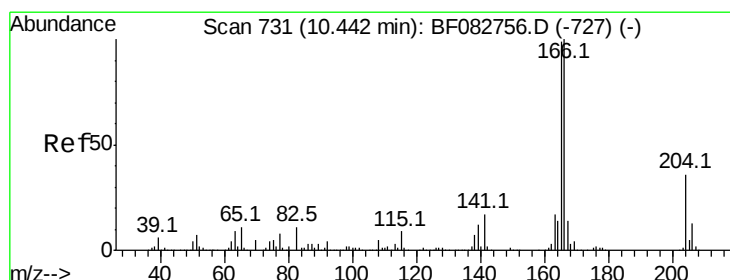
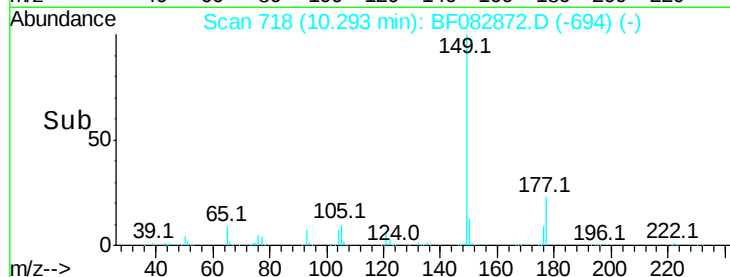
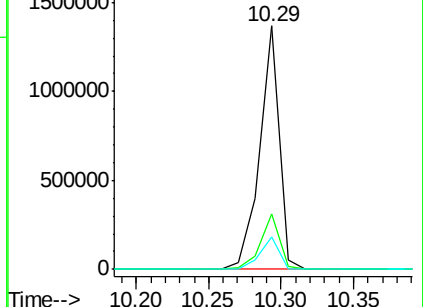
150 13.1 10.1 15.1



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: 32.29 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

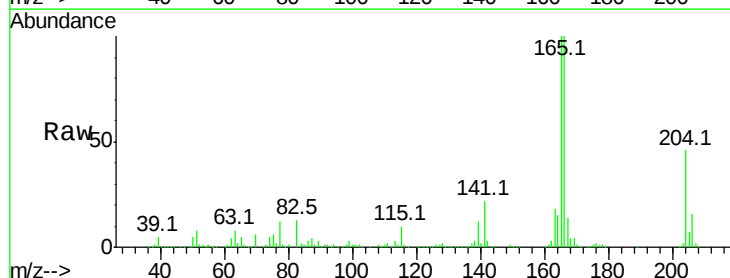
Tgt Ion:204 Resp: 537098

Ion Ratio Lower Upper

204 100

206 34.5 28.5 42.7

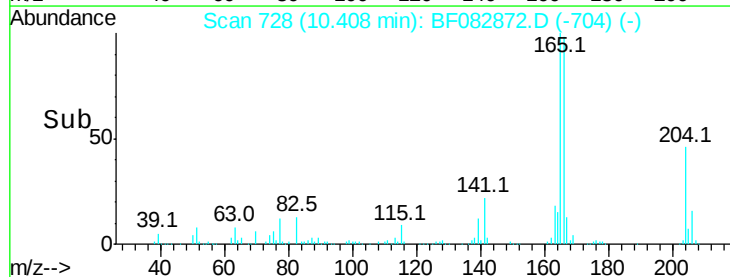
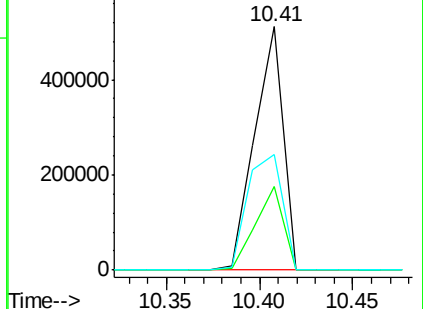
141 47.3 44.6 66.8

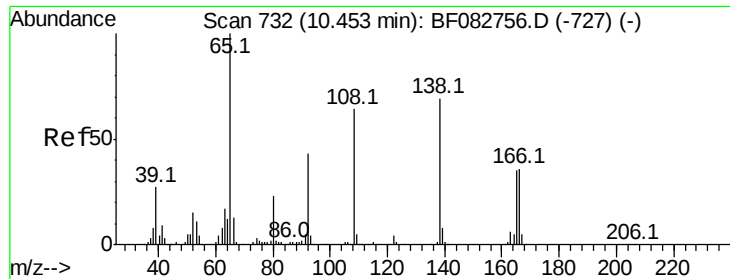


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

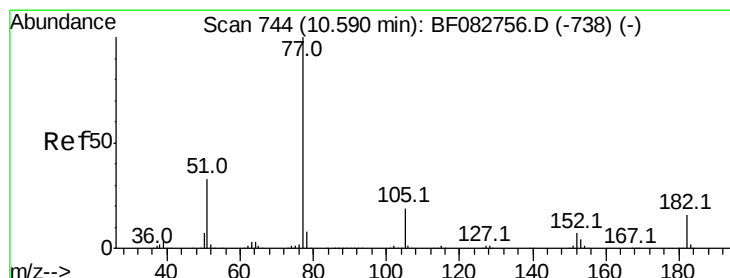
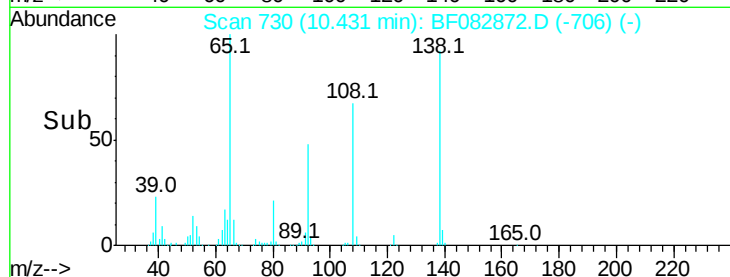
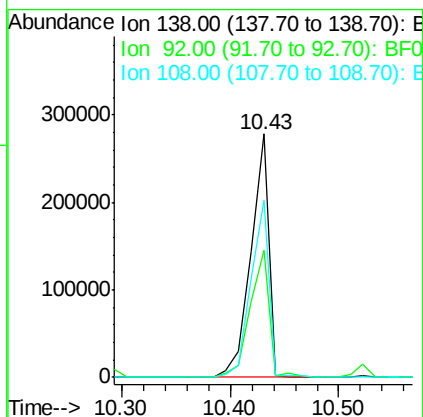
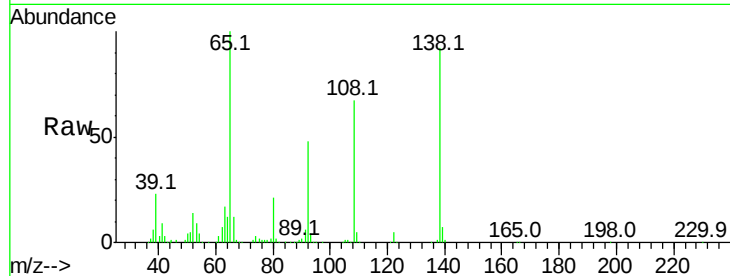




#61
4-Nitroaniline
Concen: 36.02 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

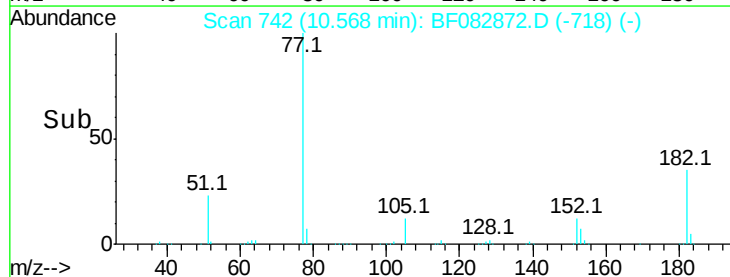
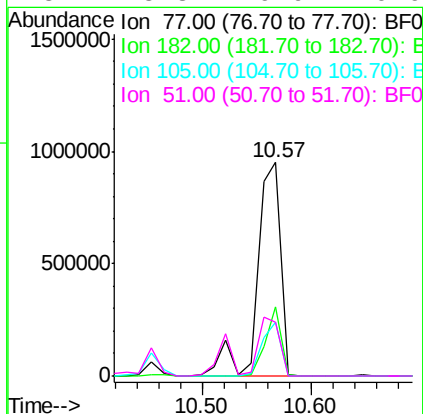
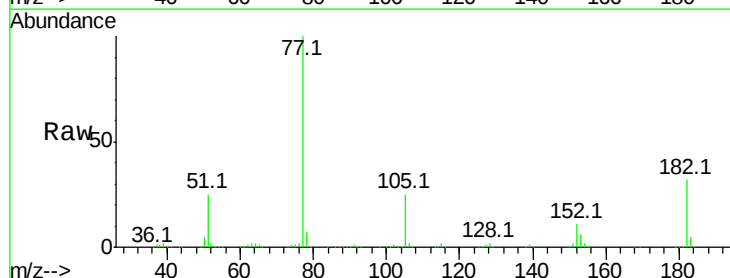
Instrument :
BNA_F
ClientSampleId :
PB86541BS

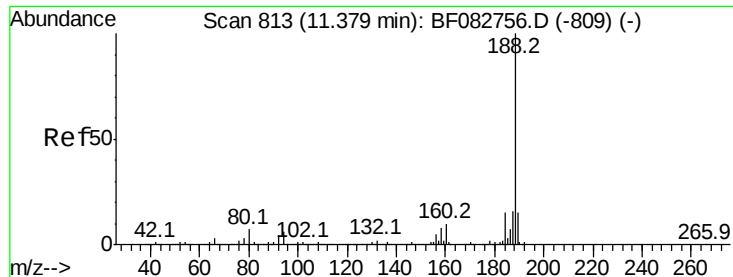
Tot Ion:138 Resp: 318959
Ion Ratio Lower Upper
138 100
92 52.0 45.8 85.8
108 72.5 89.4 129.4#



#62
Azobenzene
Concen: 36.30 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion: 77 Resp: 1428733
Ion Ratio Lower Upper
77 100
182 32.3 9.3 49.3
105 25.1 2.6 42.6
51 25.3 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: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

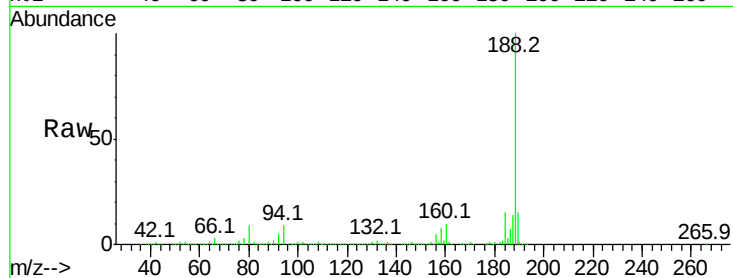
Tot Ion:188 Resp: 917249

Ion Ratio Lower Upper

188 100

94 8.8 6.1 9.1

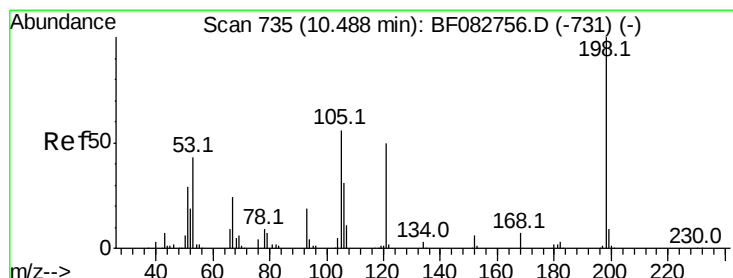
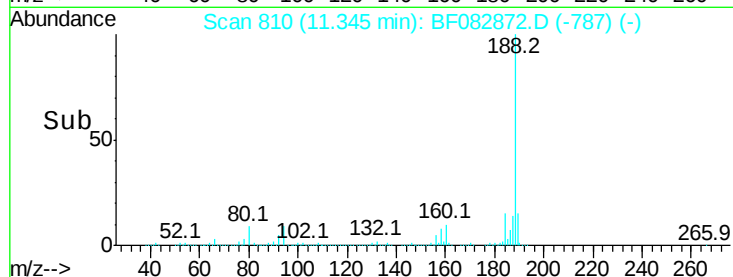
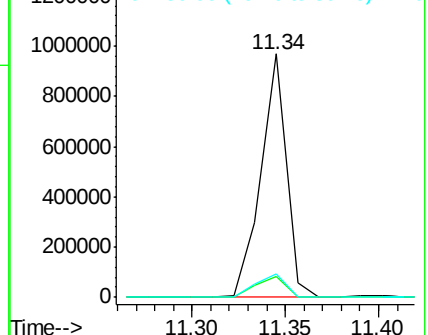
80 9.4 7.0 10.6



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: 31.47 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

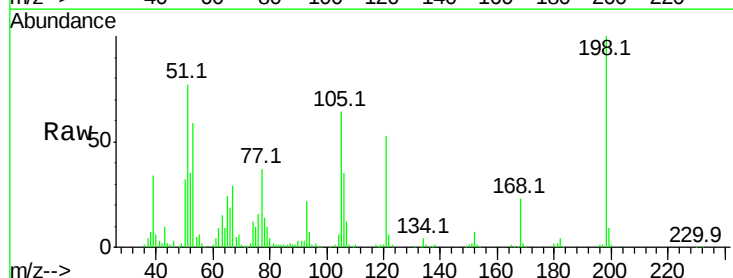
Tgt Ion:198 Resp: 205666

Ion Ratio Lower Upper

198 100

51 76.8 17.3 57.3#

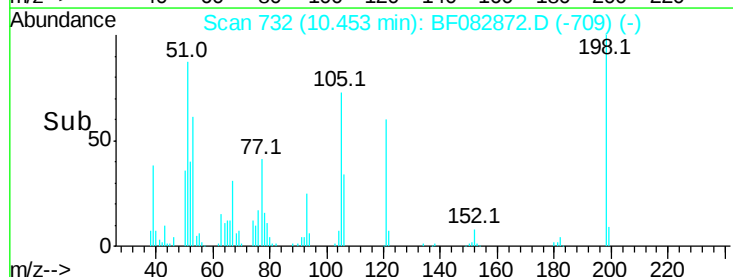
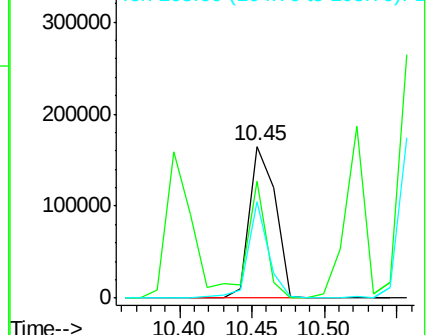
105 63.8 21.7 61.7#

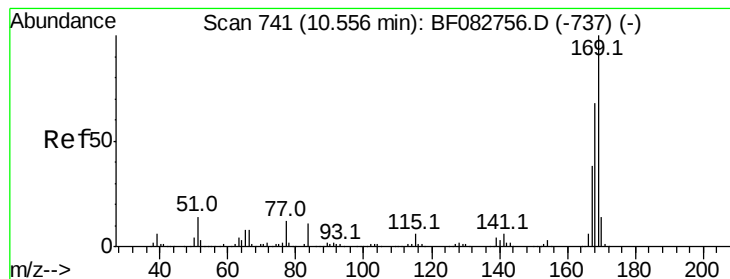


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.03 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

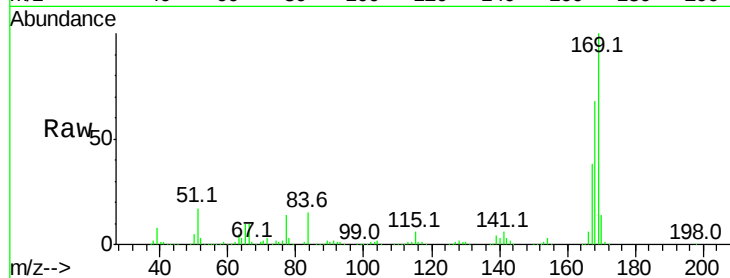
Tot Ion:169 Resp: 961937

Ion Ratio Lower Upper

169 100

168 68.3 55.0 82.6

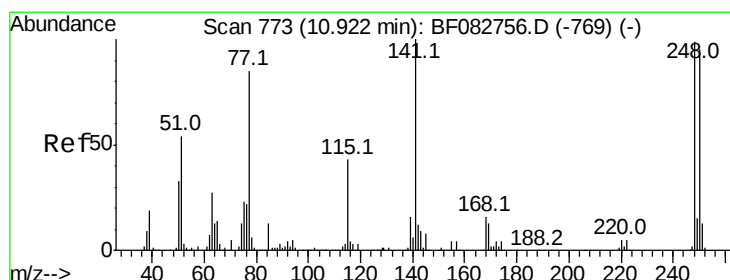
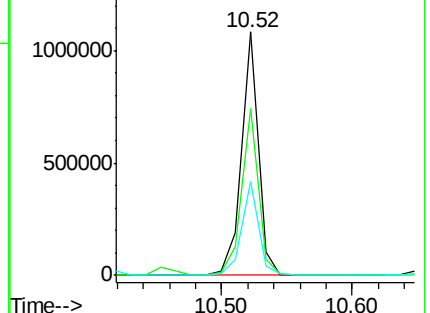
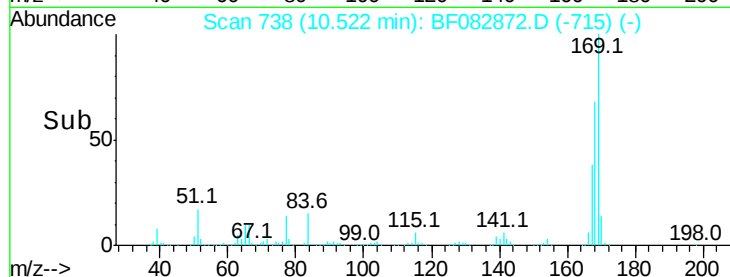
167 38.5 30.5 45.7



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: 29.18 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

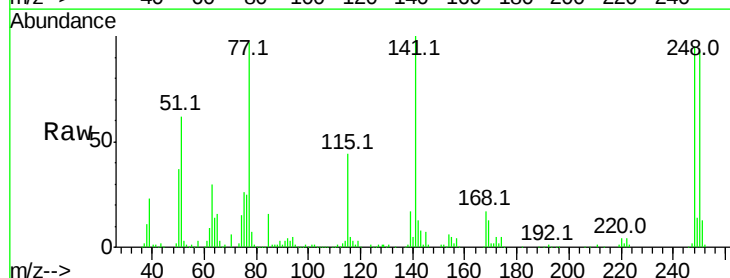
Tgt Ion:248 Resp: 322277

Ion Ratio Lower Upper

248 100

250 98.3 79.4 119.2

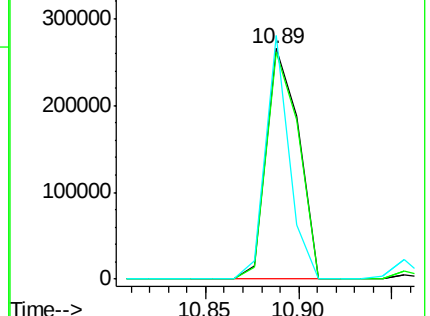
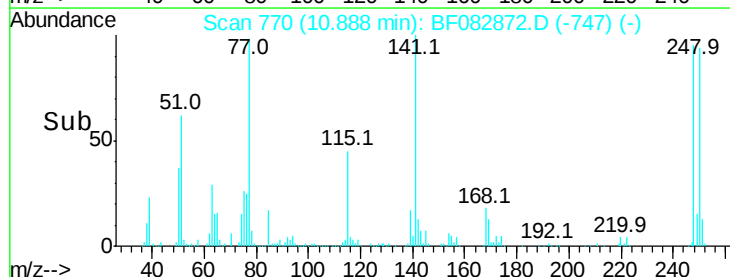
141 105.8 36.3 54.5#

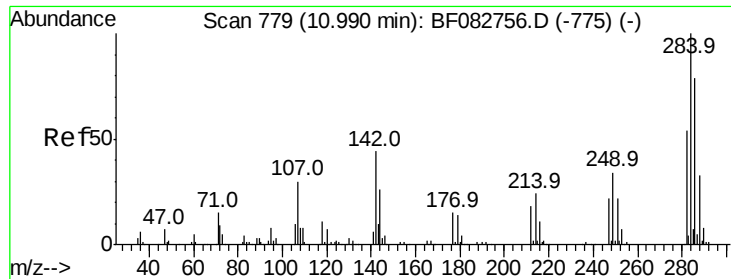


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

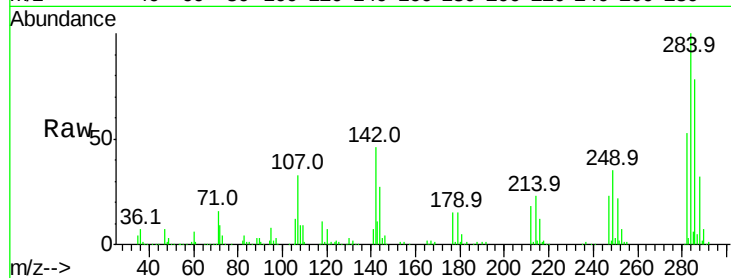




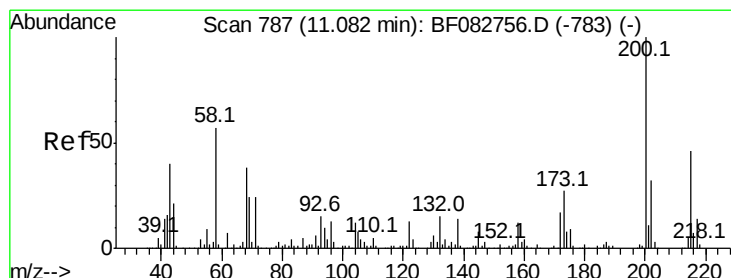
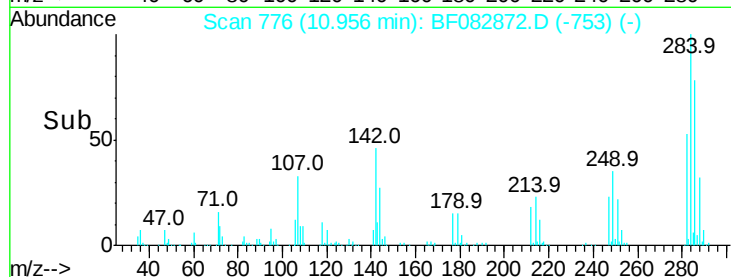
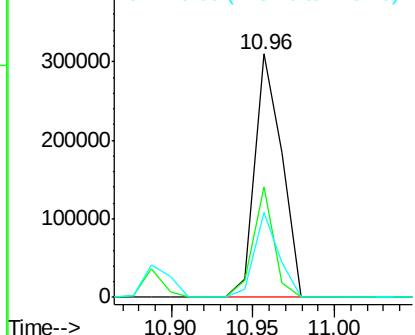
#67
Hexachlorobenzene
Concen: 28.86 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB86541BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	45.6	47.9	71.9#
249	35.0	29.7	44.5

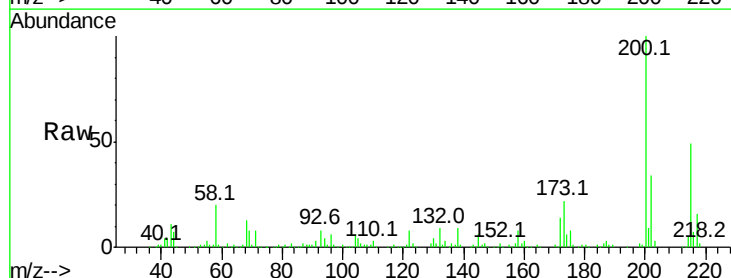


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

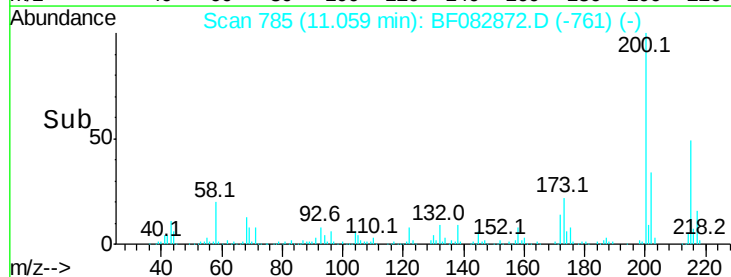
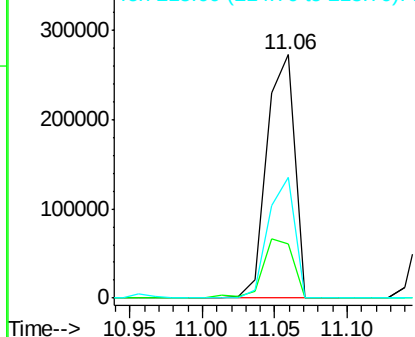


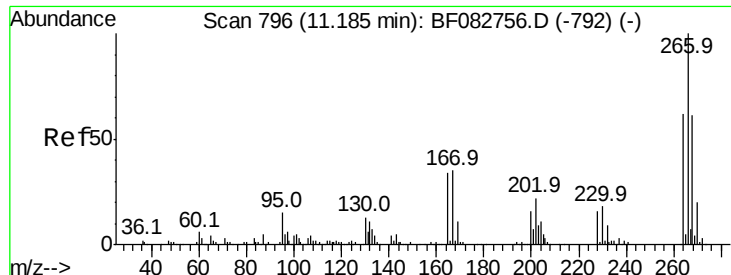
#68
Atrazine
Concen: 35.27 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	6.9	46.9
215	49.4	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

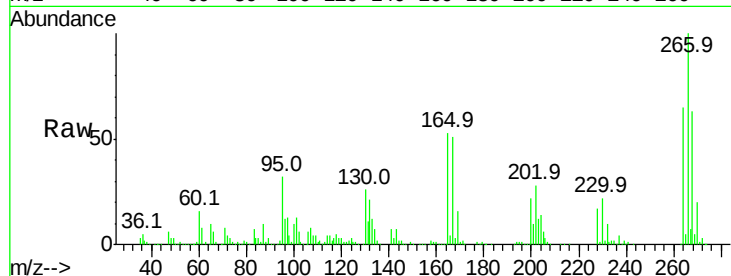




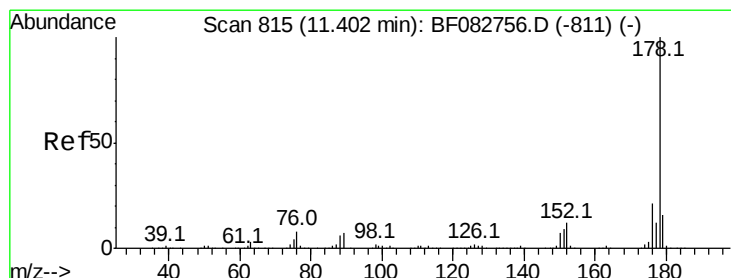
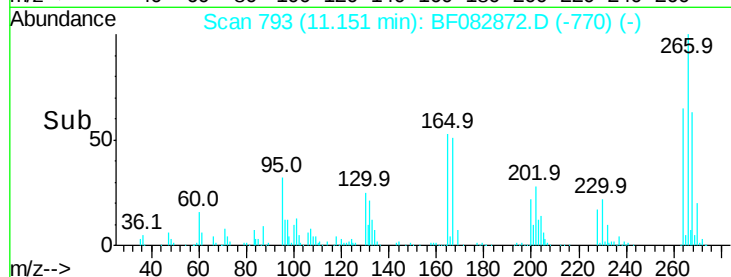
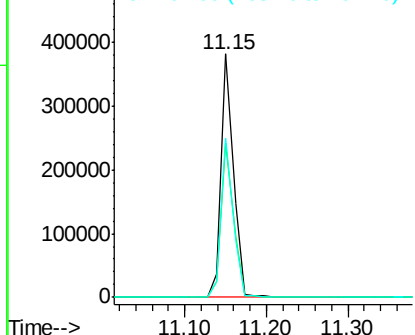
#69
 Pentachlorophenol
 Concen: 53.41 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:266 Resp: 400009
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 65.2 50.6 75.8

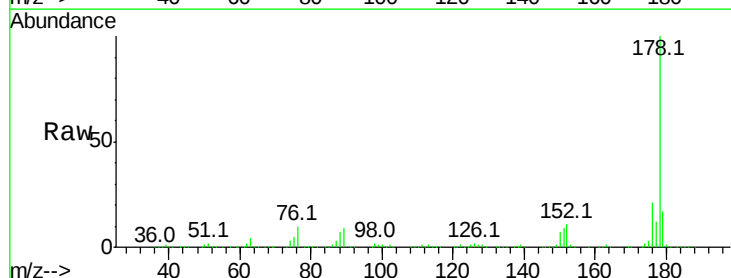


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

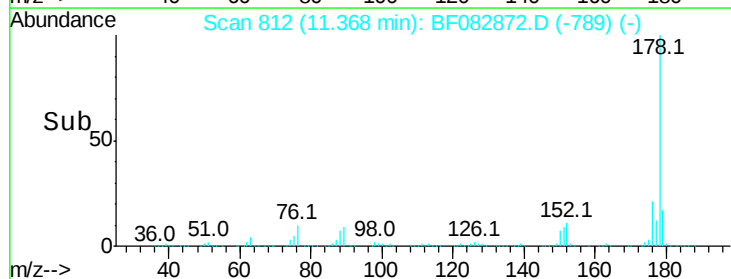
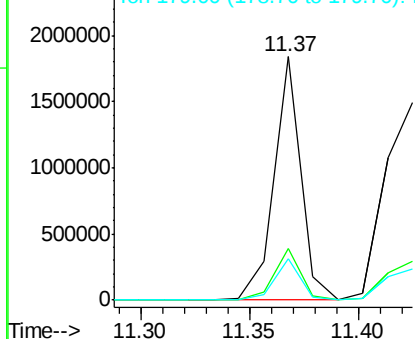


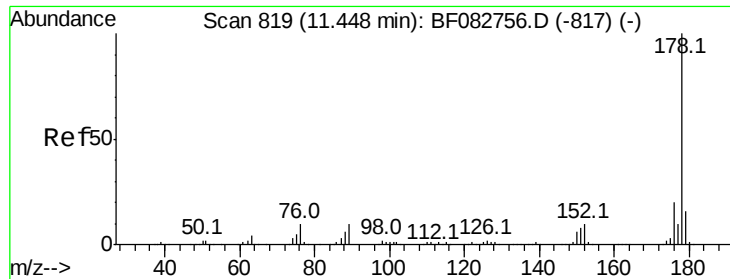
#70
 Phenanthrene
 Concen: 30.01 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:178 Resp: 1598340
 Ion Ratio Lower Upper
 178 100
 176 21.3 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

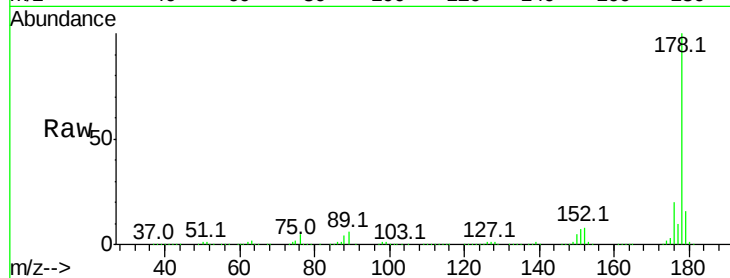




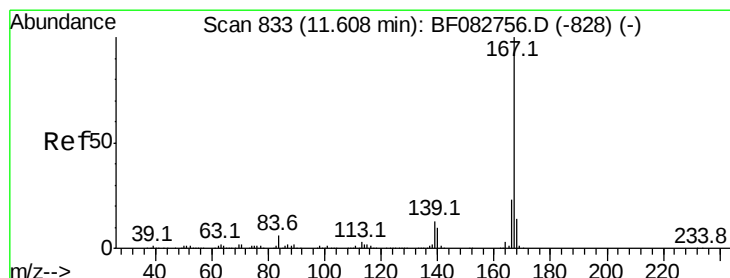
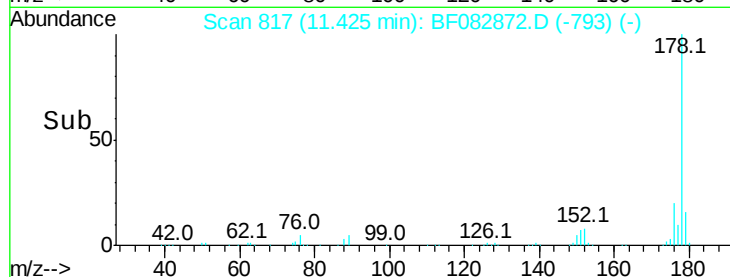
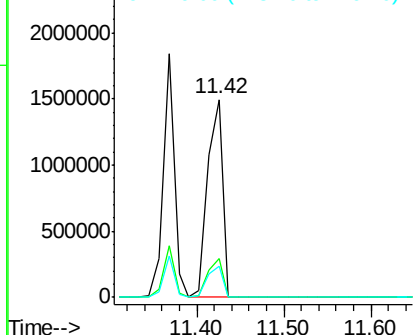
#71
 Anthracene
 Concen: 32.36 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:178 Resp: 1815895
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 16.0 13.2 19.8

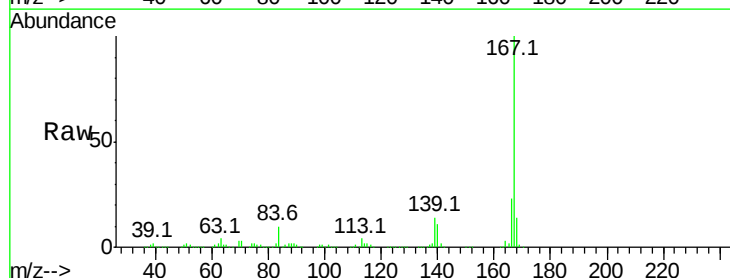


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

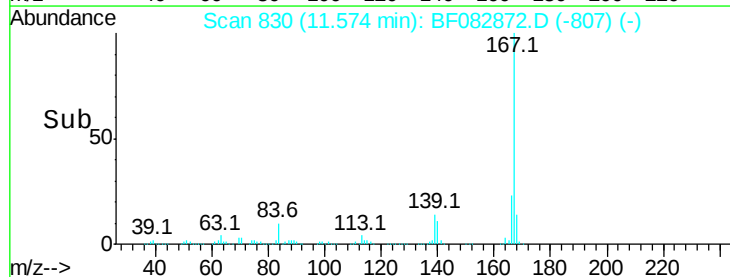
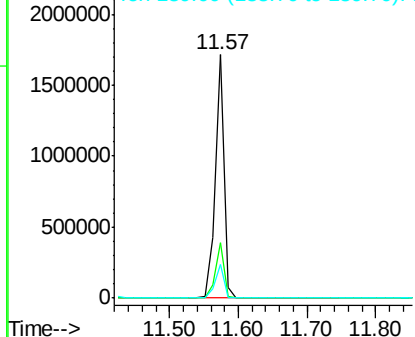


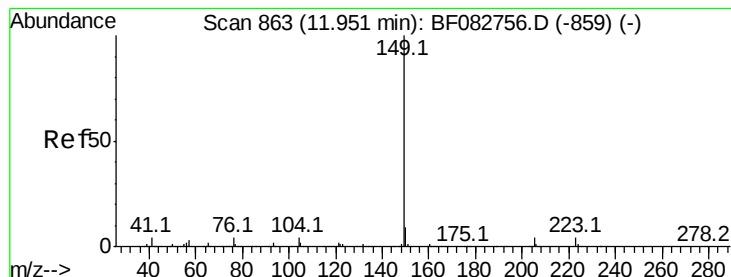
#72
 Carbazole
 Concen: 31.40 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:167 Resp: 1542394
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 14.1 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: 33.04 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

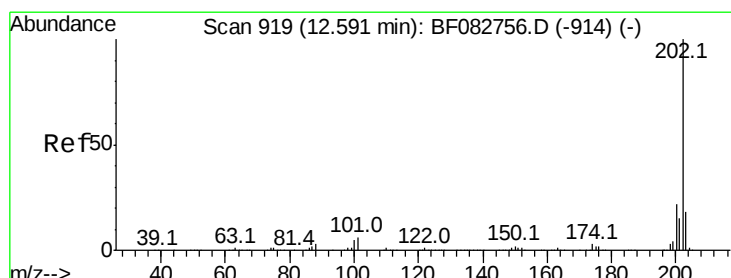
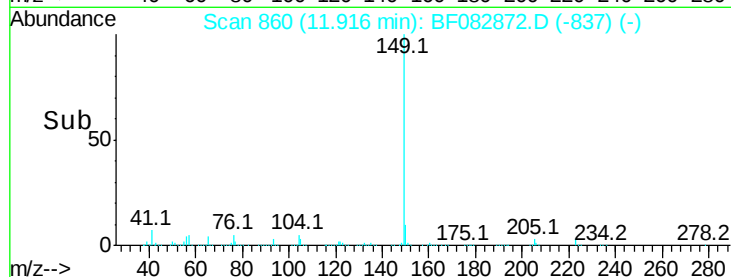
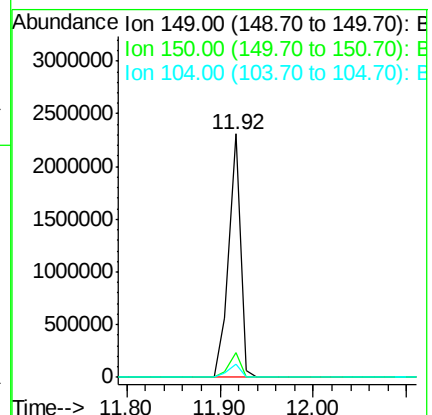
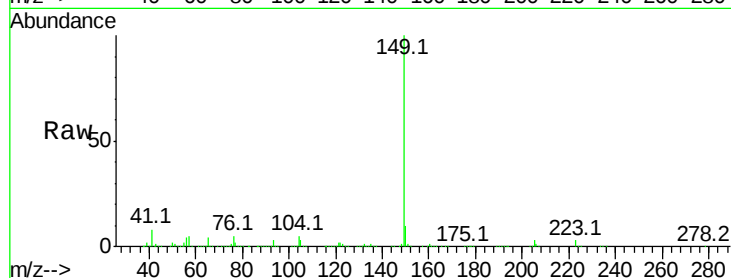
Tot Ion:149 Resp: 2022039

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

104 5.3 5.2 7.8



#74

Fluoranthene

Concen: 33.04 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

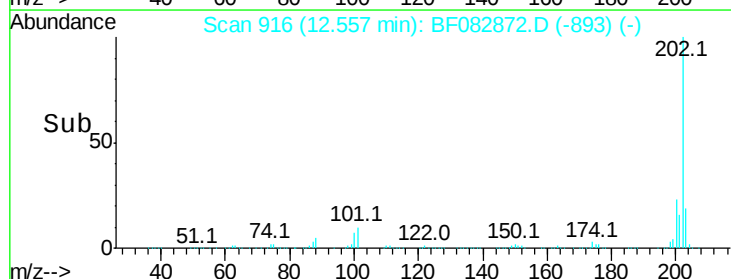
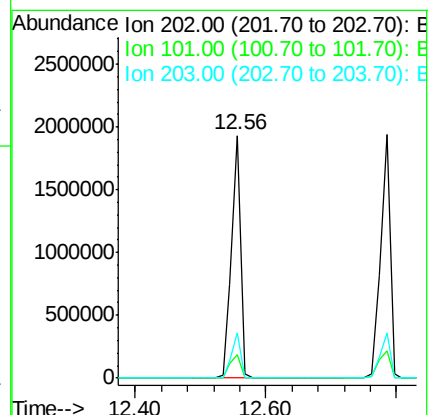
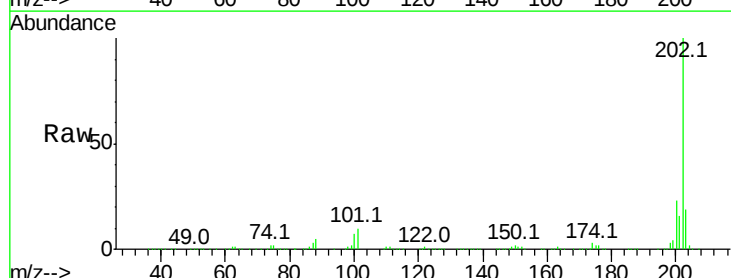
Tgt Ion:202 Resp: 1888551

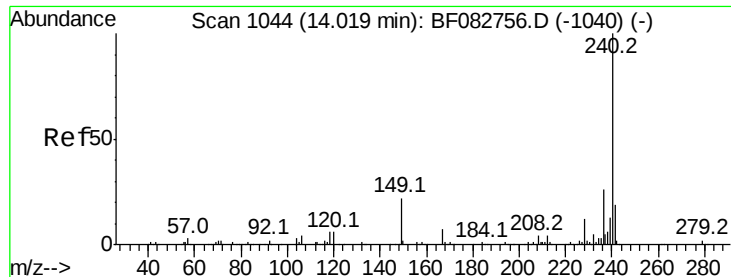
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 18.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

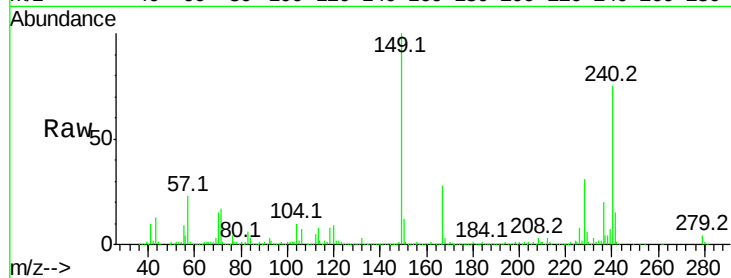
Tot Ion:240 Resp: 765096

Ion Ratio Lower Upper

240 100

120 11.6 10.9 16.3

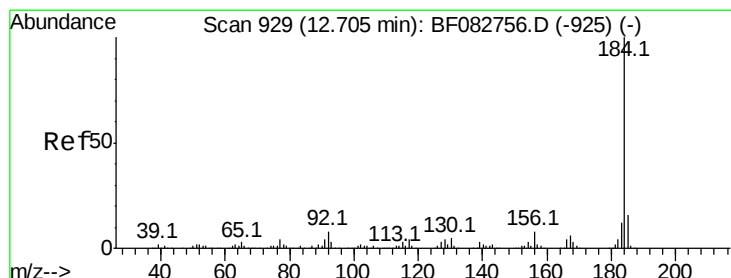
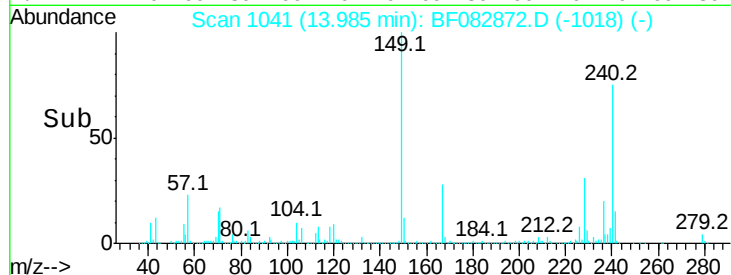
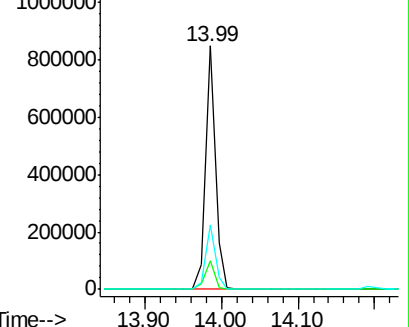
236 26.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.12 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

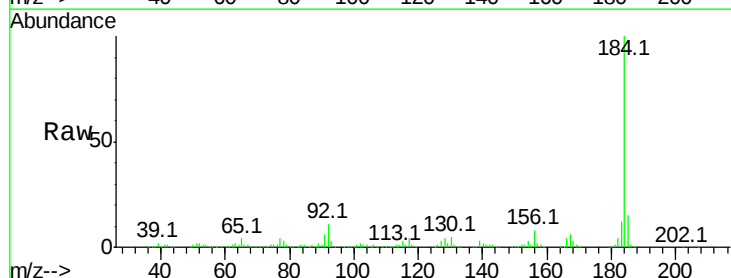
Tgt Ion:184 Resp: 874830

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

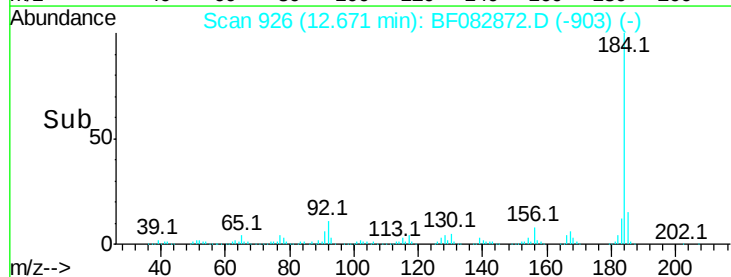
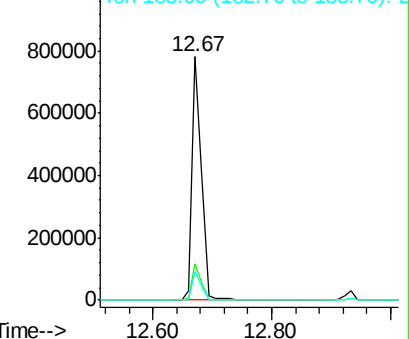
183 11.8 9.6 14.4

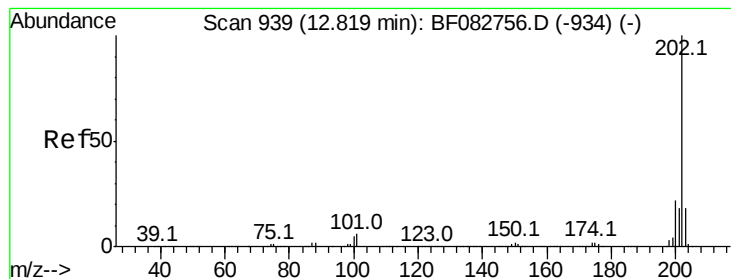


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.02 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

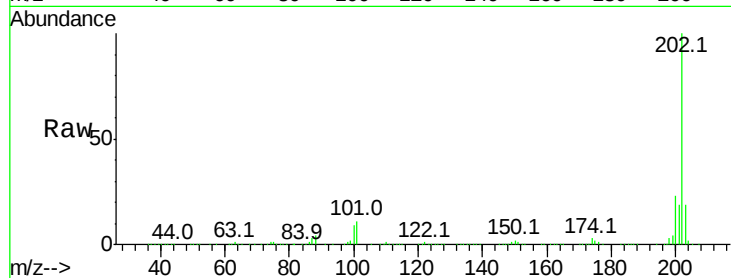
Tot Ion:202 Resp: 1944985

Ion Ratio Lower Upper

202 100

200 22.9 18.7 28.1

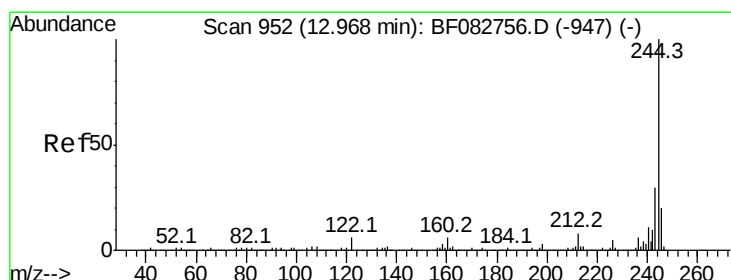
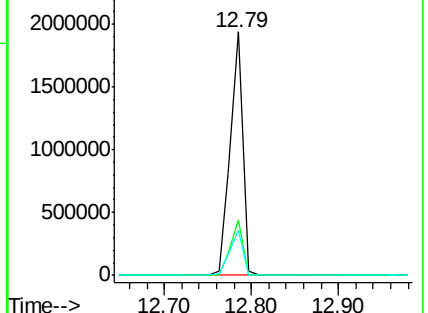
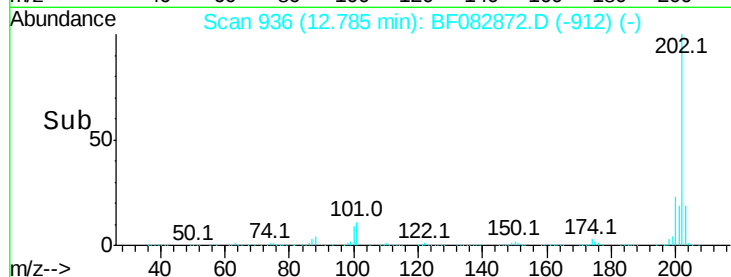
203 18.8 14.8 22.2



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: 65.91 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

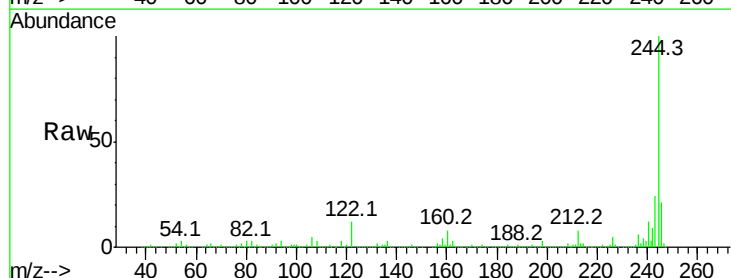
Tgt Ion:244 Resp: 2125980

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

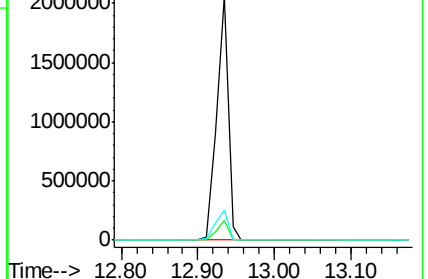
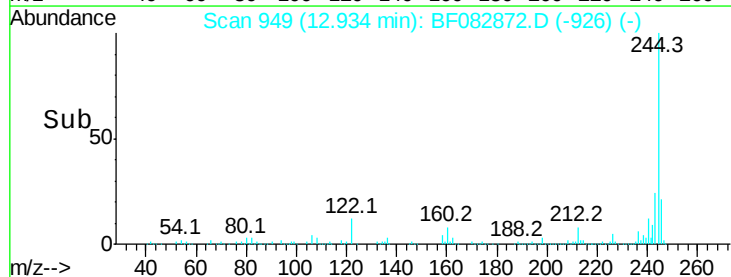
122 12.3 11.3 16.9

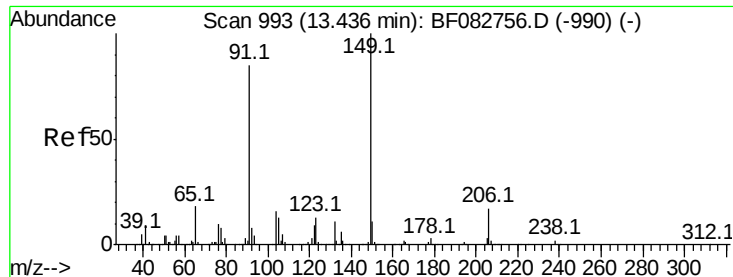


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

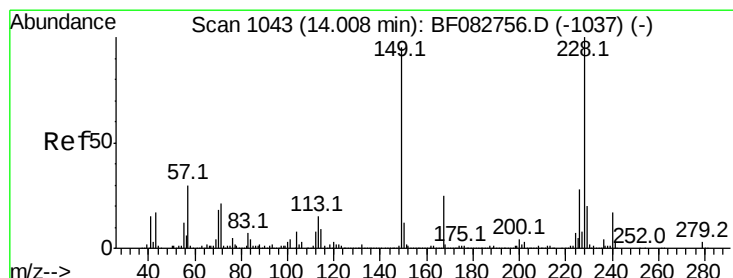
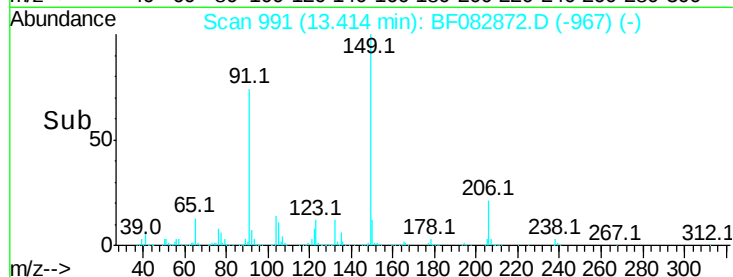
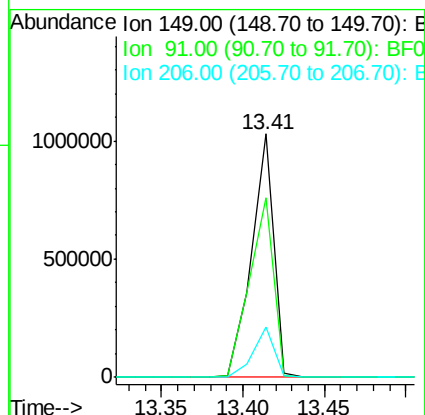
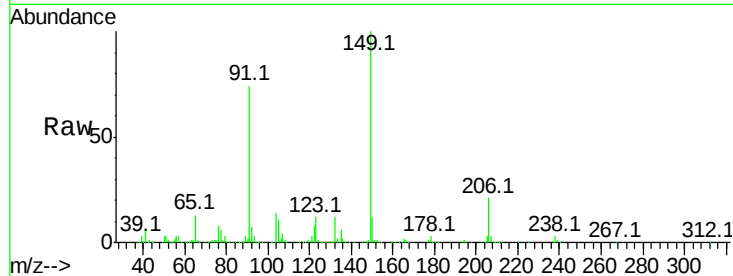




#79
Butylbenzylphthalate
Concen: 41.77 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

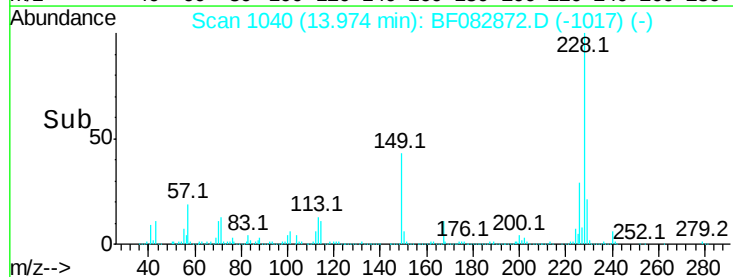
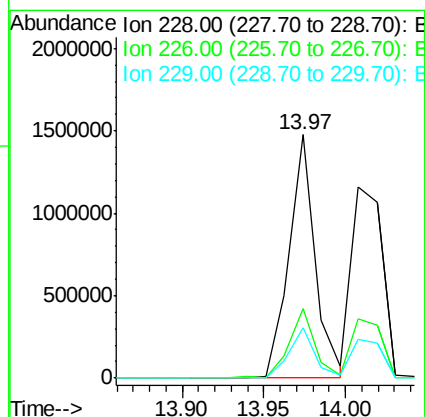
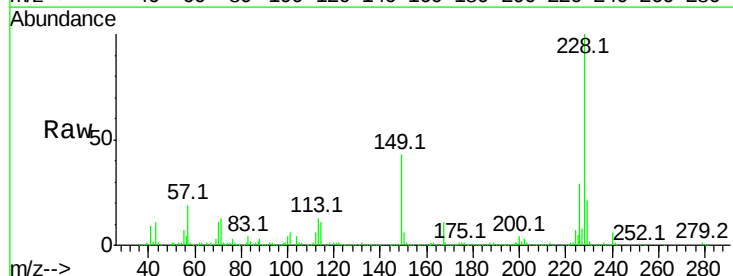
Instrument :
BNA_F
ClientSampleId :
PB86541BS

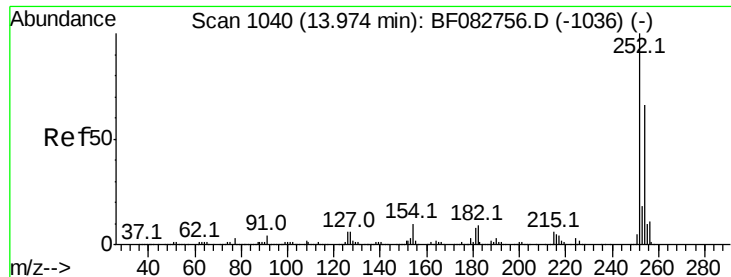
Tot Ion:149 Resp: 969670
Ion Ratio Lower Upper
149 100
91 73.7 67.7 101.5
206 20.7 14.6 22.0



#80
Benzo(a)anthracene
Concen: 34.67 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:228 Resp: 1658862
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.9 16.3 24.5

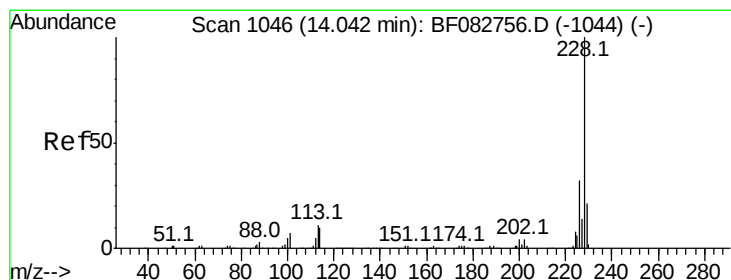
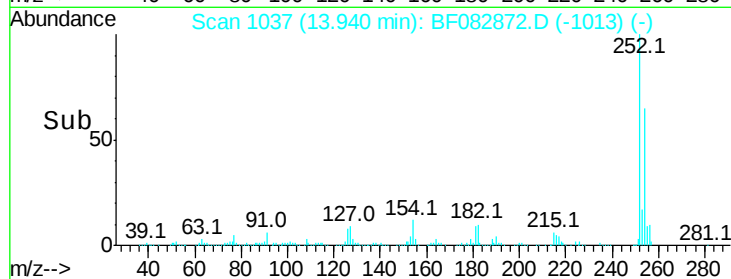
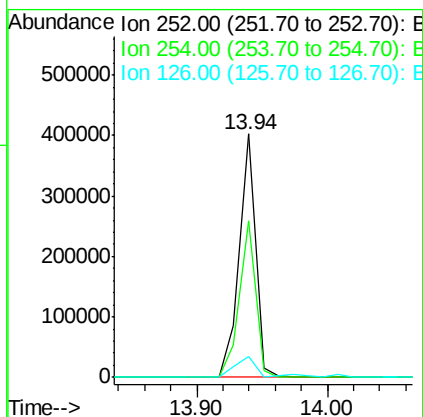
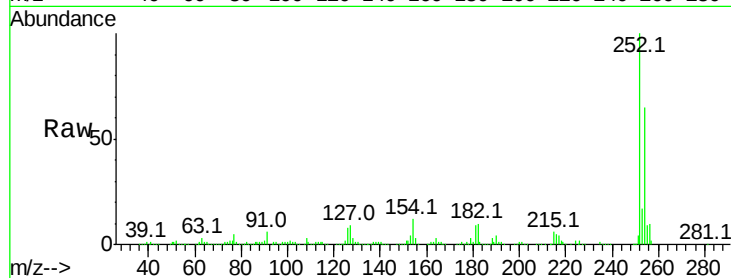




#81
 3,3'-Dichlorobenzidine
 Concen: 20.53 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

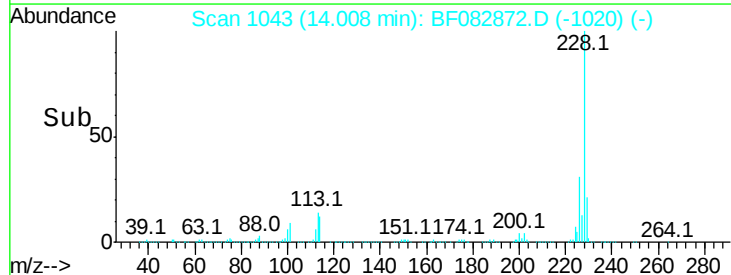
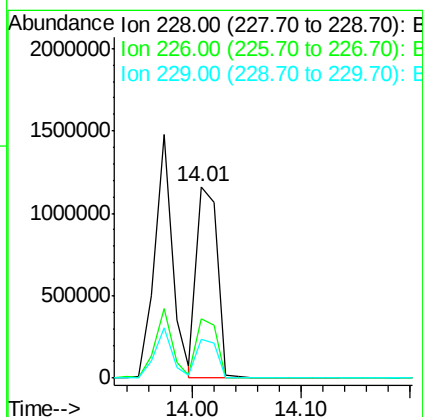
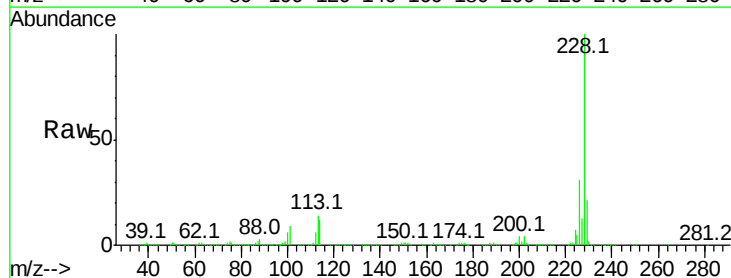
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

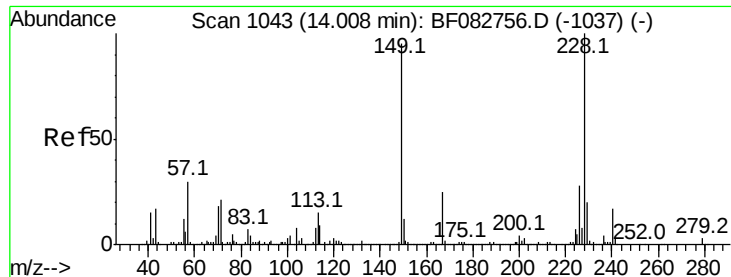
Tot Ion:252 Resp: 349254
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.0
 126 8.4 10.7 16.1#



#82
 Chrysene
 Concen: 35.37 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:228 Resp: 1550114
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 20.6 16.3 24.5

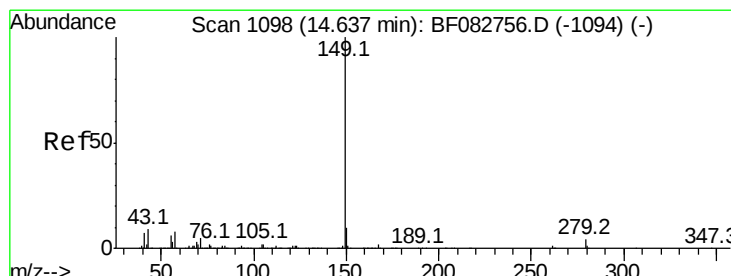
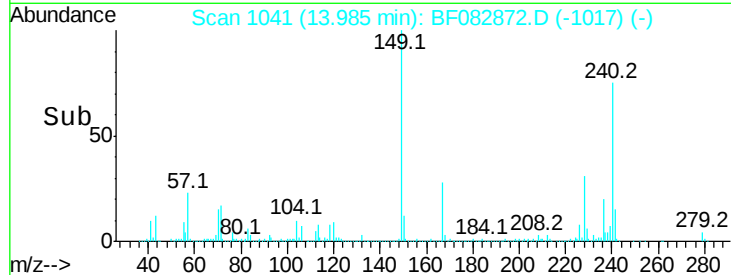
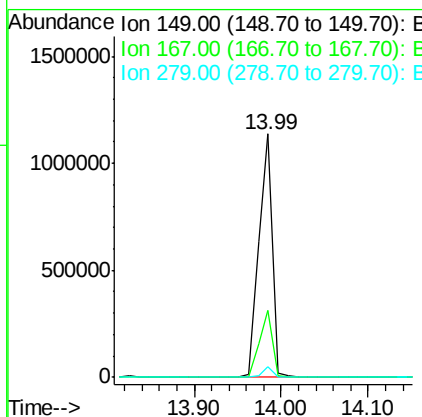
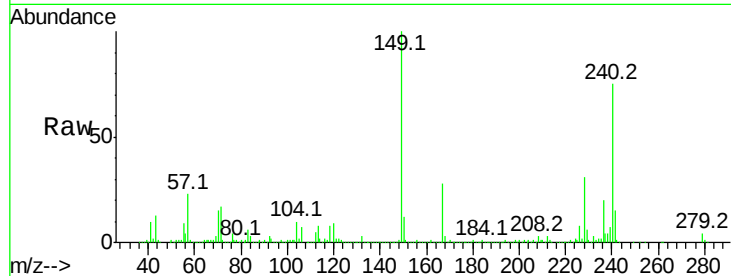




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

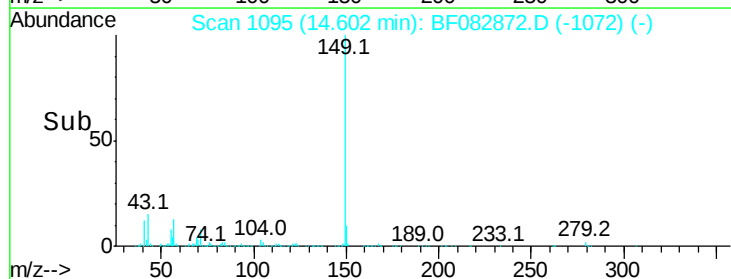
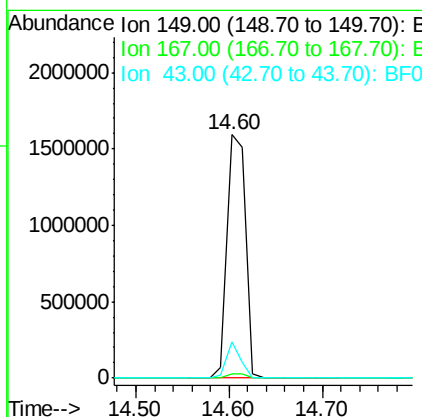
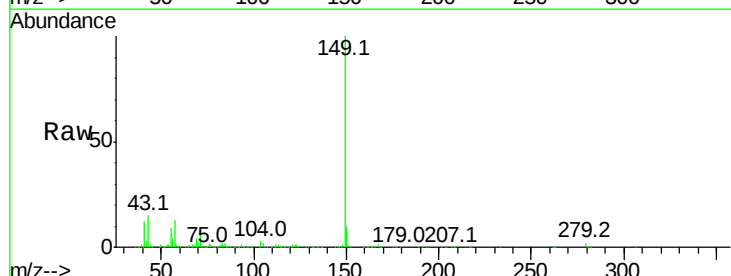
Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

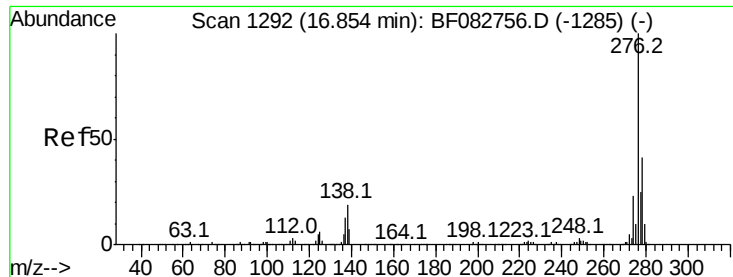
Tot Ion:149 Resp: 1249582
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.2 31.8
 279 4.2 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 41.59 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Tgt Ion:149 Resp: 2204218
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.2 10.1 15.1

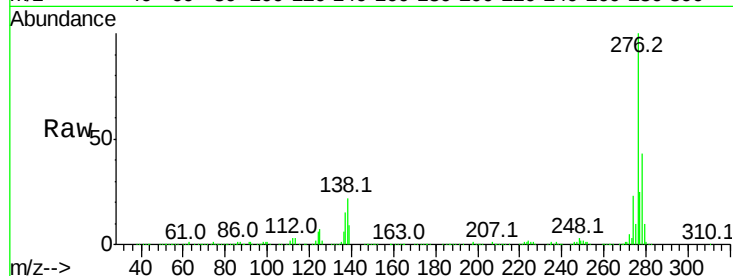




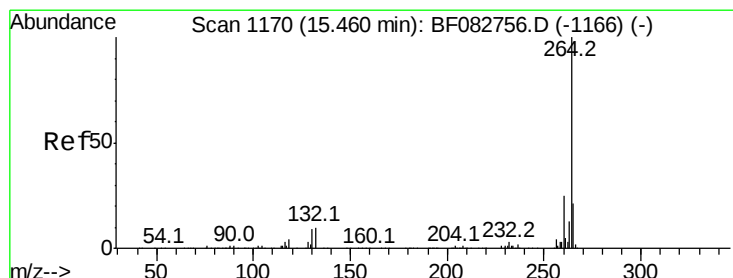
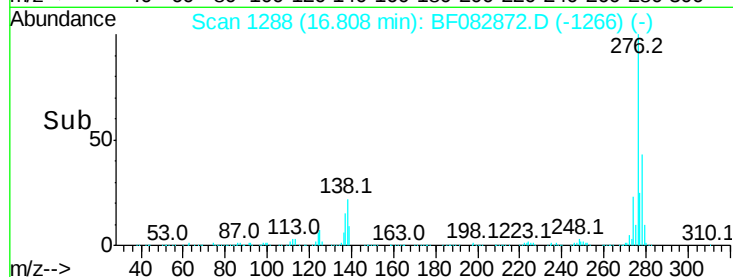
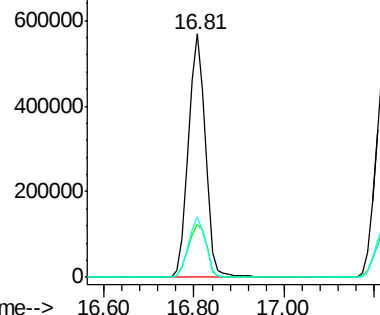
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.93 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB86541BS

Tot Ion:276 Resp: 1506983
Ion Ratio Lower Upper
276 100
138 24.0 15.3 22.9#
277 25.2 20.2 30.4

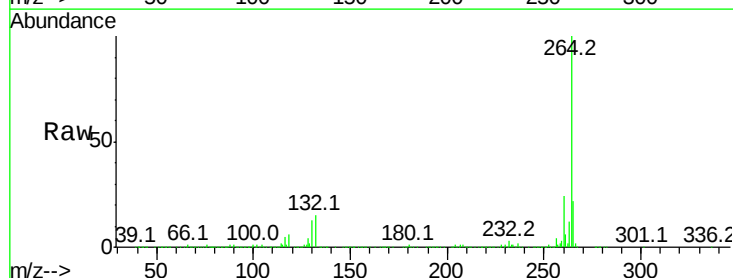


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

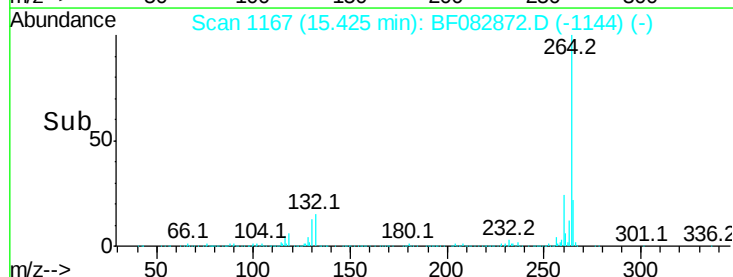
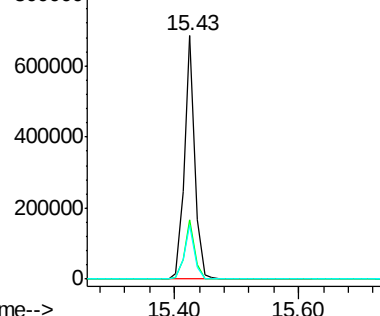


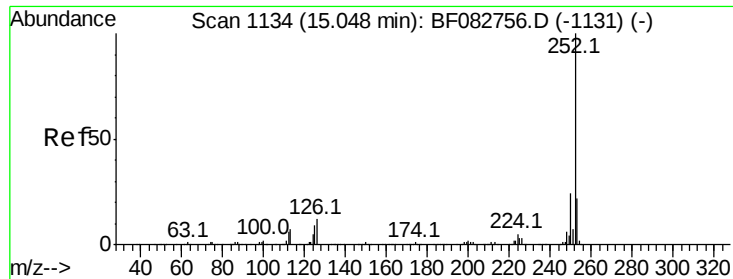
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:264 Resp: 782991
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 22.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.09 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB86541BS

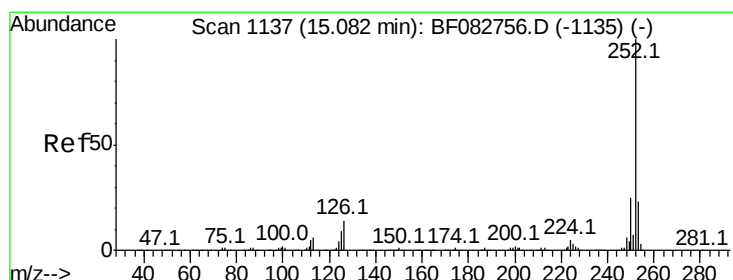
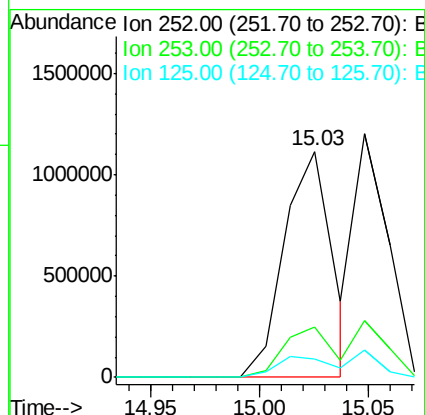
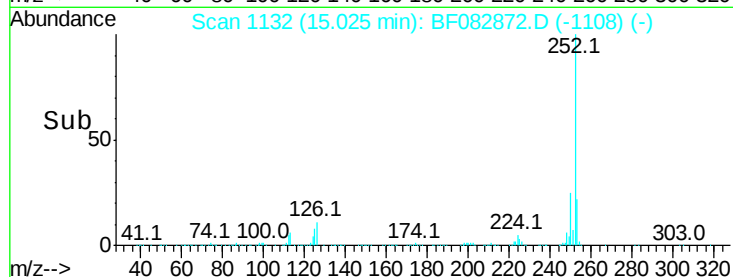
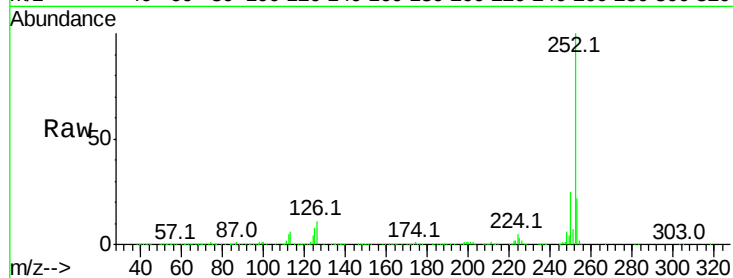
Tot Ion:252 Resp: 1713415

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.9 5.4 8.2



#88

Benzo(k)fluoranthene

Concen: 29.45 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF082872.D

Acq: 10 Nov 2015 16:24

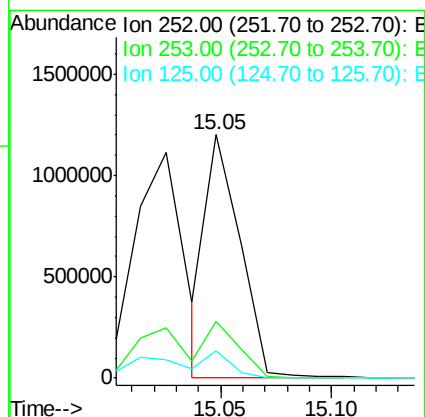
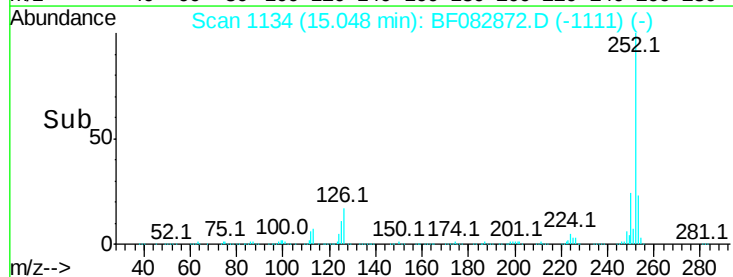
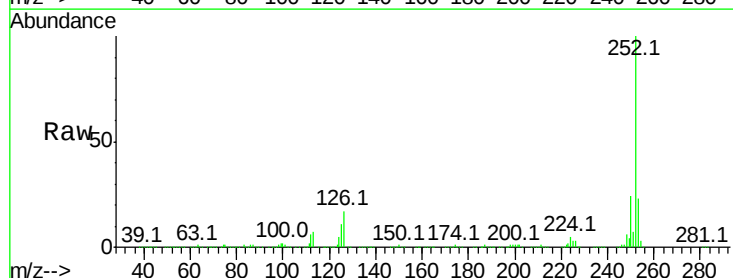
Tgt Ion:252 Resp: 1312864

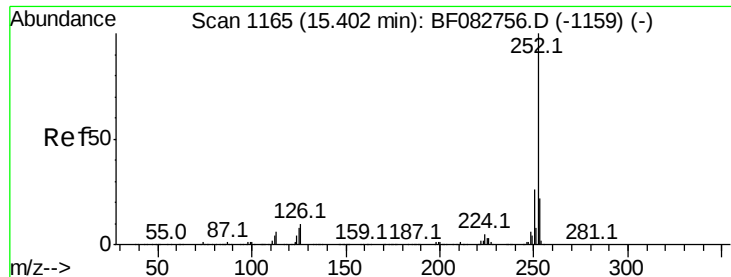
Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 11.3 3.5 5.3#

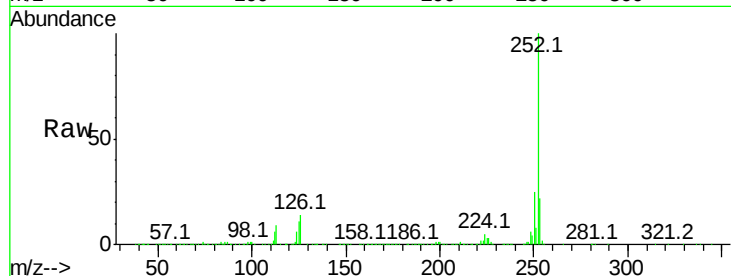




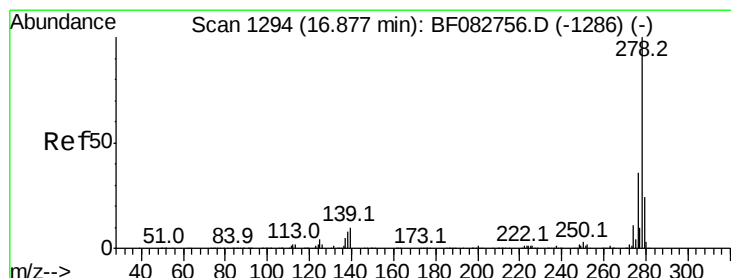
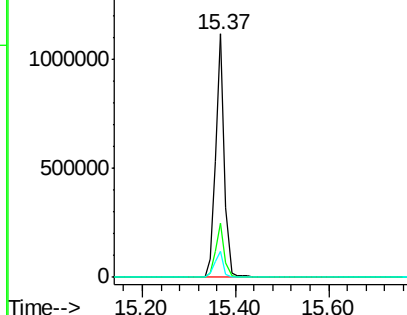
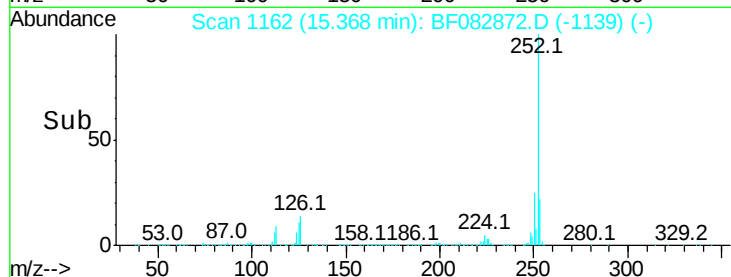
#89
Benzo(a)pyrene
Concen: 33.30 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB86541BS

Tot Ion:252 Resp: 1450173
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.8 7.1 10.7#

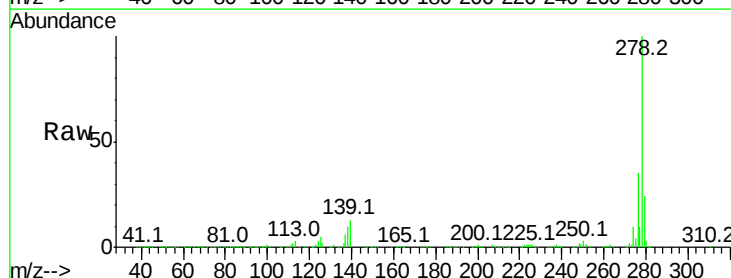


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

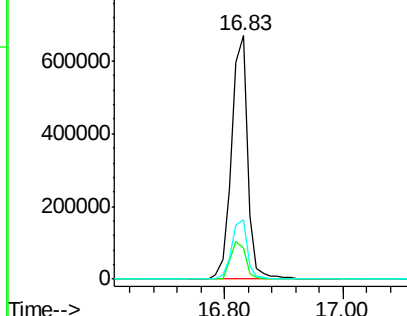
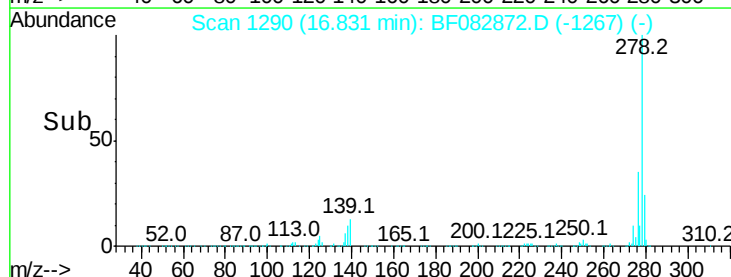


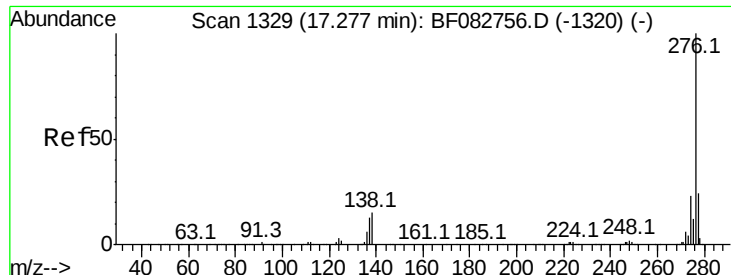
#90
Dibenzo(a,h)anthracene
Concen: 34.14 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF082872.D
Acq: 10 Nov 2015 16:24

Tgt Ion:278 Resp: 1258758
Ion Ratio Lower Upper
278 100
139 12.6 9.9 14.9
279 24.2 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: 34.37 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.05 min
 Lab File: BF082872.D
 Acq: 10 Nov 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB86541BS

Tot Ion:276 Resp: 1213841
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.2 28.8
 138 21.4 13.1 19.7#

