

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082173.D
 Acq On : 10 Oct 2015 13:33
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:58:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90636	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	357116	20.00	ng	0.01
38) Acenaphthene-d10	9.89	164	172744	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	331493	20.00	ng	0.00
75) Chrysene-d12	14.02	240	253799	20.00	ng	0.01
86) Perylene-d12	15.44	264	216619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	724252	145.91	ng	0.00
7) Phenol-d6	6.49	99	906759	144.36	ng	0.01
23) Nitrobenzene-d5	7.42	82	863424	160.34	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	272716	157.58	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1415807	129.56	ng	0.00
78) Terphenyl-d14	12.96	244	1481023	163.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	172094	79.34	ng	98
3) Pyridine	3.14	79	467471	84.42	ng	99
4) n-Nitrosodimethylamine	3.13	42	190697	75.26	ng	96
6) Aniline	6.51	93	607454	72.41	ng	99
8) 2-Chlorophenol	6.63	128	401581	72.63	ng	86
9) Benzaldehyde	6.39	77	214394	53.42	ng	97
10) Phenol	6.50	94	544706	77.03	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	414123	74.24	ng	92
12) 1,3-Dichlorobenzene	6.78	146	471446	72.24	ng	97
13) 1,4-Dichlorobenzene	6.86	146	481281	70.54	ng	98
14) 1,2-Dichlorobenzene	7.02	146	481873	79.28	ng	95
15) Benzyl Alcohol	6.99	79	308376	68.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	605224	78.38	ng	97
17) 2-Methylphenol	7.11	107	334288	74.94	ng	99
18) Hexachloroethane	7.35	117	167536	77.66	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	320089	83.39	ng	93
20) 3+4-Methylphenols	7.27	107	366564	65.47	ng	94
22) Acetophenone	7.27	105	542537	74.74	ng	# 98
24) Nitrobenzene	7.44	77	431550	75.43	ng	97
25) Isophorone	7.68	82	849140	80.04	ng	98
26) 2-Nitrophenol	7.75	139	227548	80.34	ng	# 85
27) 2,4-Dimethylphenol	7.79	122	380073	78.58	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	460644	71.86	ng	98
29) 2,4-Dichlorophenol	8.00	162	382722	79.77	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	400119	75.12	ng	96
31) Naphthalene	8.16	128	1195811	75.48	ng	99
32) Benzoic acid	7.97	122	297073	110.61	ng	95
33) 4-Chloroaniline	8.21	127	494991	72.59	ng	96
34) Hexachlorobutadiene	8.26	225	243752	76.94	ng	99
35) Caprolactam	8.62	113	111364	83.39	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	343966	74.23	ng	97
37) 2-Methylnaphthalene	8.85	142	785382	72.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	410471	78.02	ng	98
40) Hexachlorocyclopentadiene	8.99	237	214125	81.62	ng	98

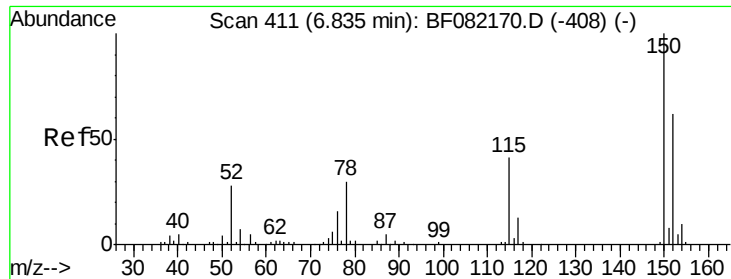
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082173.D
 Acq On : 10 Oct 2015 13:33
 Operator : UM/IZ
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 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	280368	78.56	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	298269	80.13	nq	# 95
45) 1,1'-Biphenyl	9.31	154	954487	72.13	nq	97
46) 2-Chloronaphthalene	9.34	162	731225	70.30	nq	# 93
47) 2-Nitroaniline	9.44	65	238171	78.14	nq	89
48) Acenaphthylene	9.75	152	1167033	69.72	nq	99
49) Dimethylphthalate	9.62	163	899262	76.38	nq	99
50) 2,6-Dinitrotoluene	9.69	165	226719	86.85	nq	# 86
51) Acenaphthene	9.92	154	699322	70.22	nq	98
52) 3-Nitroaniline	9.86	138	243338	81.87	nq	98
53) 2,4-Dinitrophenol	9.97	184	117467	123.23	nq	# 86
54) Dibenzofuran	10.09	168	983165	69.80	nq	97
55) 4-Nitrophenol	10.02	139	163016	77.84	nq	98
56) 2,4-Dinitrotoluene	10.09	165	255171	77.52	nq	92
57) Fluorene	10.43	166	771078	68.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	244751	83.08	nq	98
59) Diethylphthalate	10.32	149	936938	84.35	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	406848	79.32	nq	# 82
61) 4-Nitroaniline	10.48	138	228874	76.07	nq	96
62) Azobenzene	10.59	77	887237	81.87	nq	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	165099	108.02	nq	90
65) n-Nitrosodiphenylamine	10.56	169	788892	78.73	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	267008	79.83	nq	# 82
67) Hexachlorobenzene	10.98	284	263043	70.43	nq	# 75
68) Atrazine	11.09	200	235608	76.27	nq	99
69) Pentachlorophenol	11.18	266	162209	76.46	nq	99
70) Phenanthrene	11.41	178	1242227	71.59	nq	99
71) Anthracene	11.45	178	1163011	68.44	nq	99
72) Carbazole	11.61	167	1134409	74.63	nq	98
73) Di-n-butylphthalate	11.93	149	1318243	75.87	nq	99
74) Fluoranthene	12.58	202	1261814	70.23	nq	96
76) Benzydine	12.72	184	550095	73.22	nq	97
77) Pyrene	12.82	202	1311806	87.72	nq	100
79) Butylbenzylphthalate	13.43	149	613519	106.52	nq	91
80) Benzo(a)anthracene	14.01	228	1102971	81.40	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	429405	93.22	nq	# 95
82) Chrysene	14.05	228	1090271	83.97	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	791603	105.56	nq	98
84) Di-n-octyl phthalate	14.61	149	1425280	116.33	nq	100
85) Indeno(1,2,3-cd)pyrene	16.87	276	907255	85.98	nq	100
87) Benzo(b)fluoranthene	15.04	252	1002719	79.17	nq	# 98
88) Benzo(k)fluoranthene	15.04	252	1002719	89.43	nq	99
89) Benzo(a)pyrene	15.40	252	866698	80.36	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	741257	82.29	nq	98
91) Benzo(g,h,i)perylene	17.29	276	737881	80.69	nq	98

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

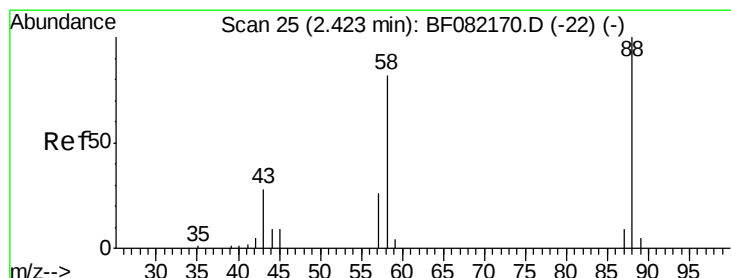
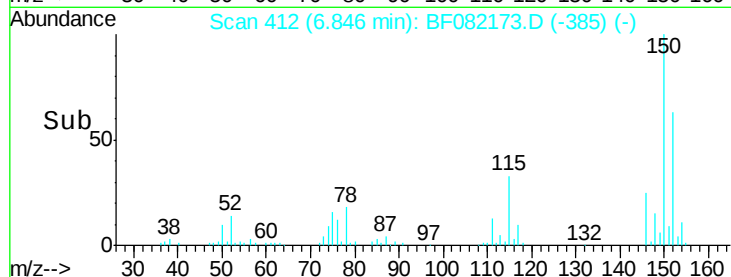
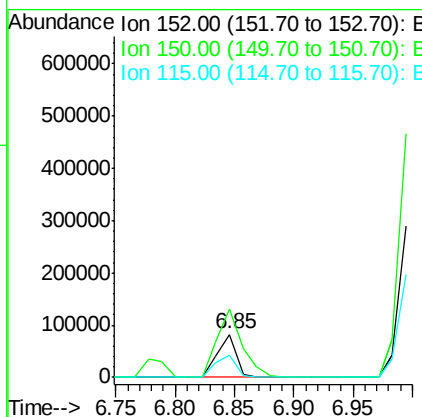
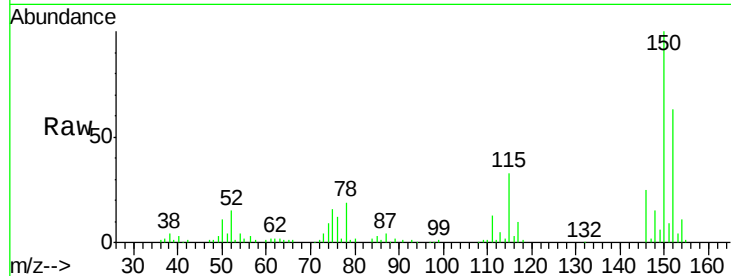


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampled :

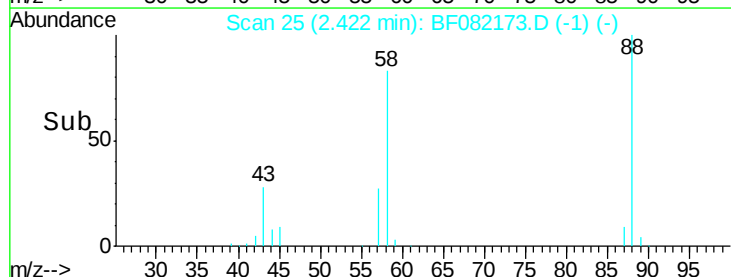
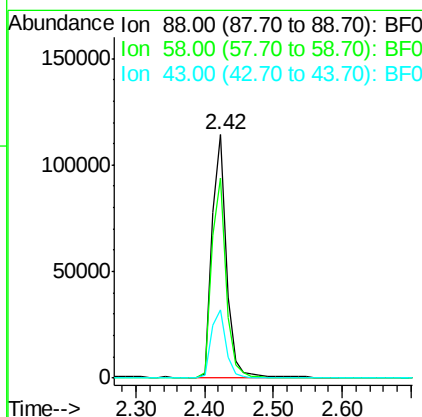
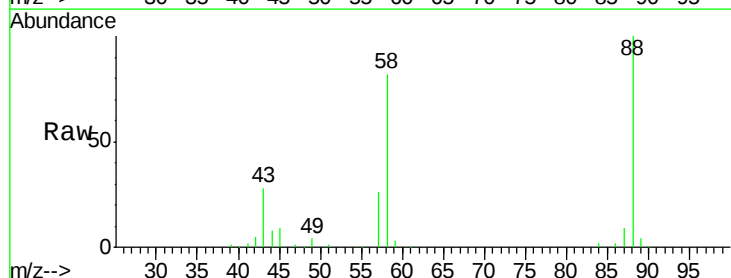
Tot Ion:152 Resp: 90636
Ion Ratio Lower Upper
152 100
150 158.5 129.0 193.4
115 52.5 52.1 78.1

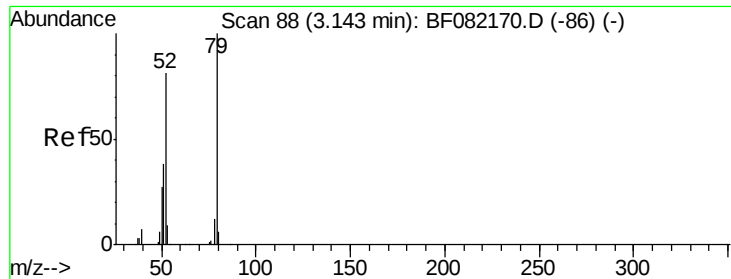


#2

1,4-Dioxane
Concen: 79.34 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion: 88 Resp: 172094
Ion Ratio Lower Upper
88 100
58 81.1 66.2 99.4
43 28.5 23.0 34.4





#3

Pvridine

Concen: 84.42 ng

RT: 3.14 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

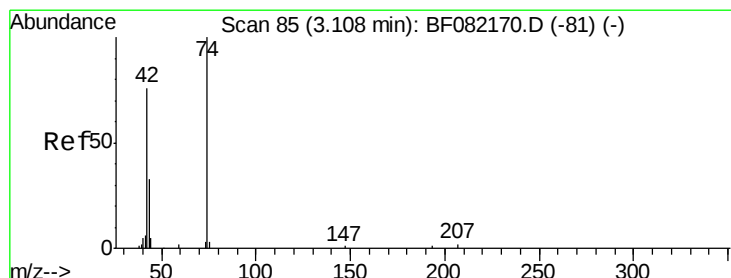
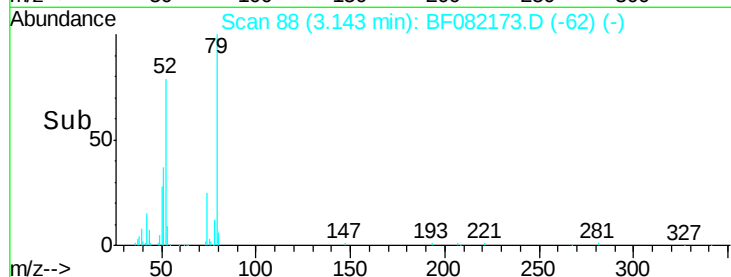
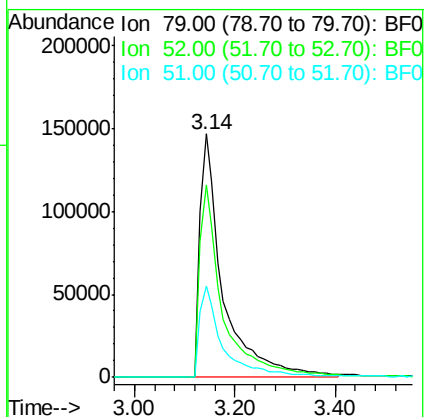
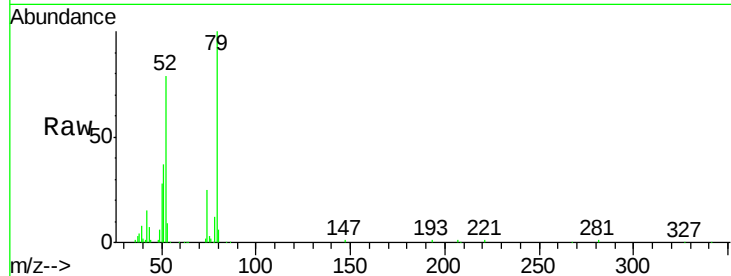
Tot Ion: 79 Resp: 467471

Ion Ratio Lower Upper

79 100

52 79.2 64.4 96.6

51 37.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 75.26 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

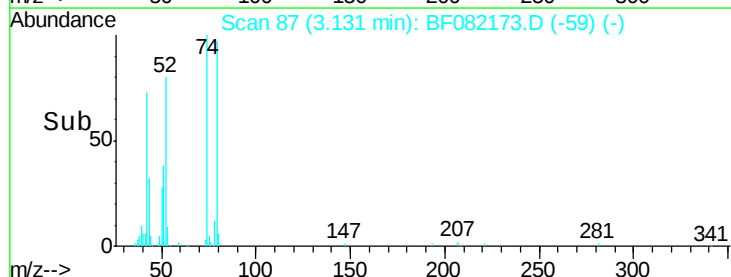
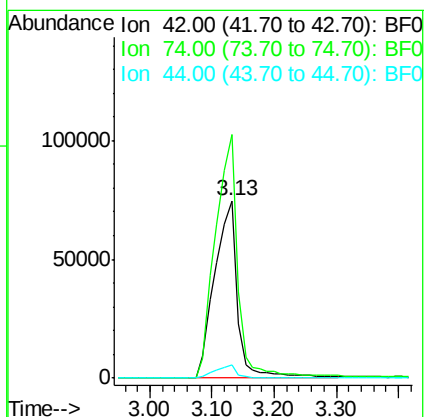
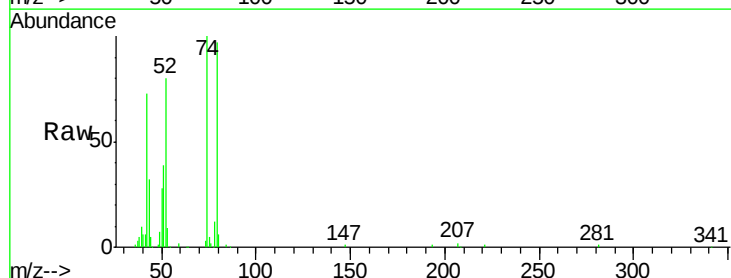
Tgt Ion: 42 Resp: 190697

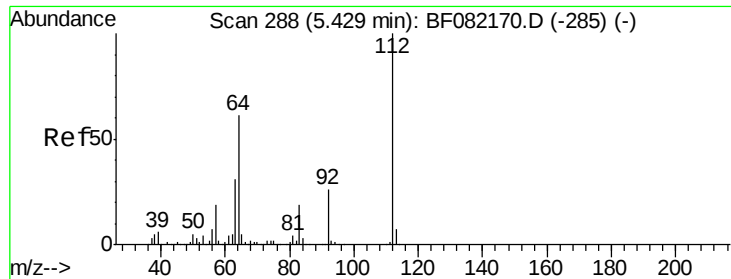
Ion Ratio Lower Upper

42 100

74 137.3 105.7 158.5

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 145.91 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

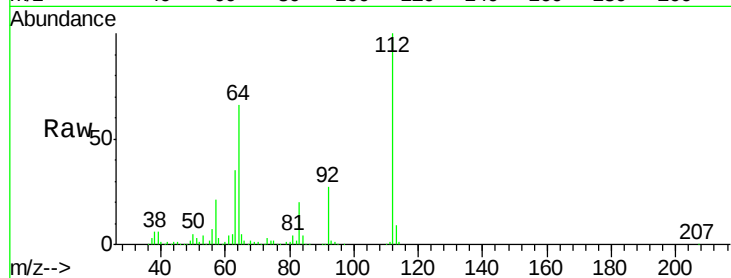
Tot Ion:112 Resp: 724252

Ion Ratio Lower Upper

112 100

64 65.9 48.6 73.0

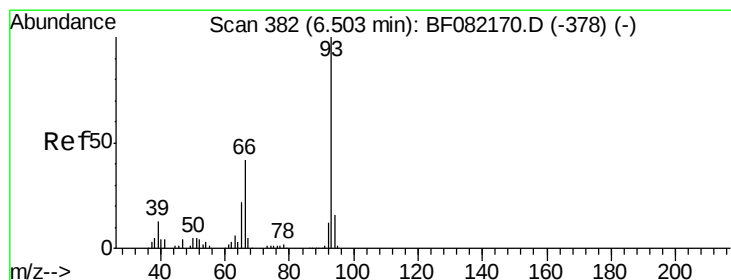
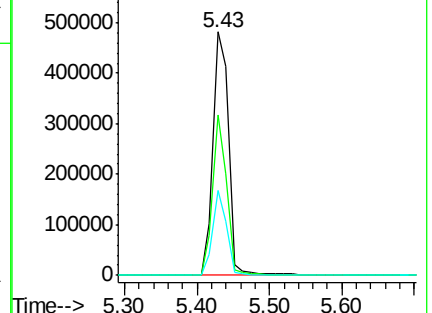
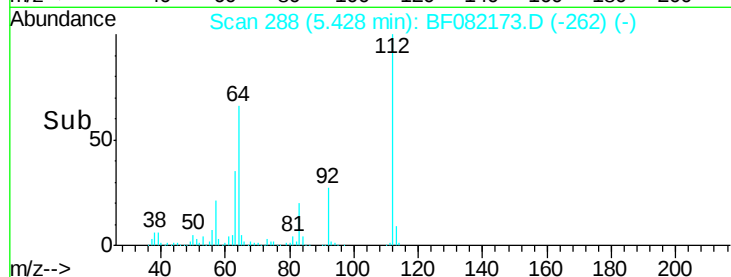
63 35.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 72.41 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

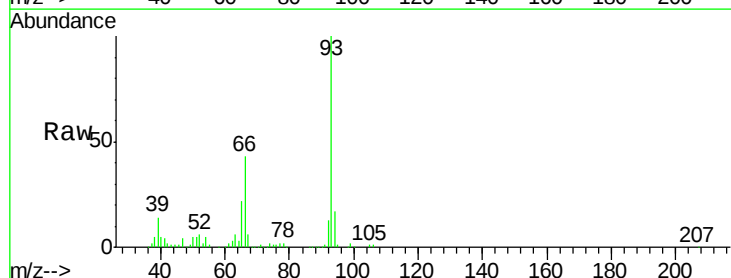
Tgt Ion: 93 Resp: 607454

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.2

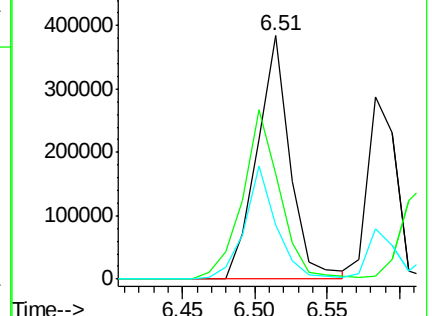
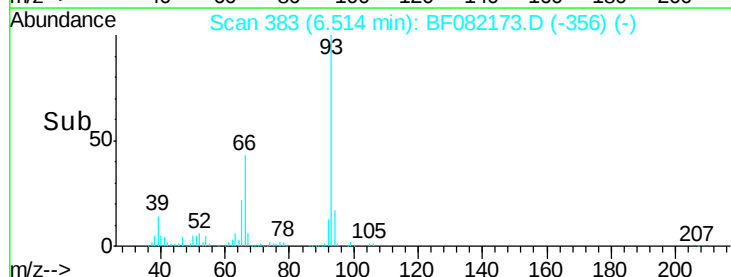
65 22.1 17.9 26.9

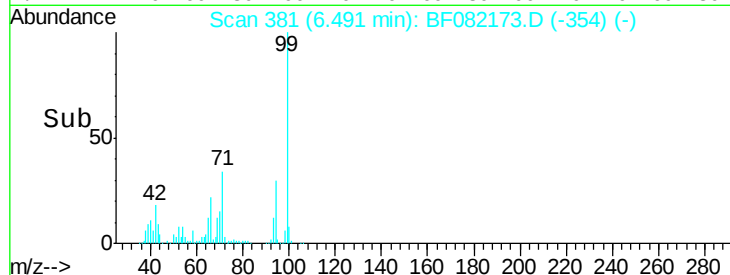
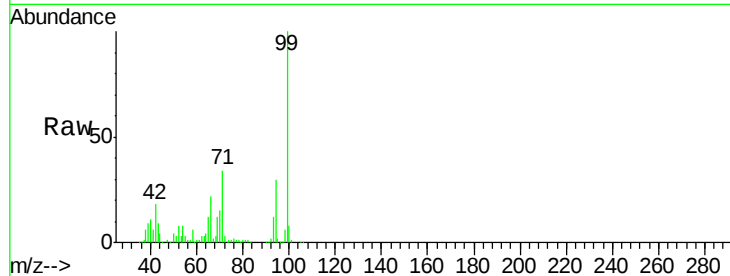


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.36 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

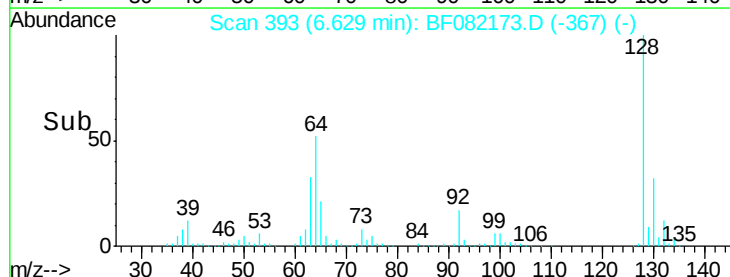
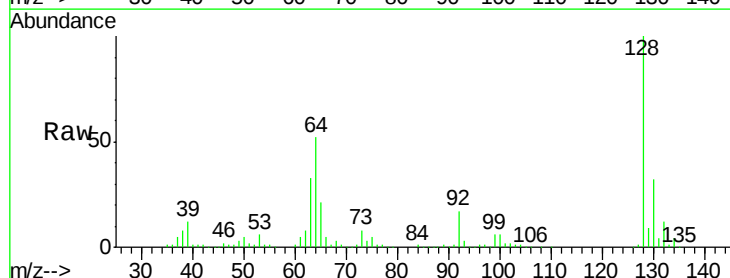
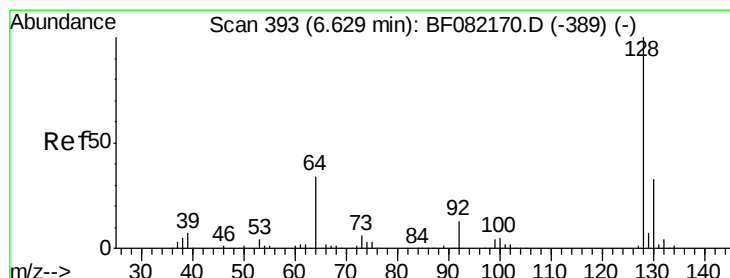
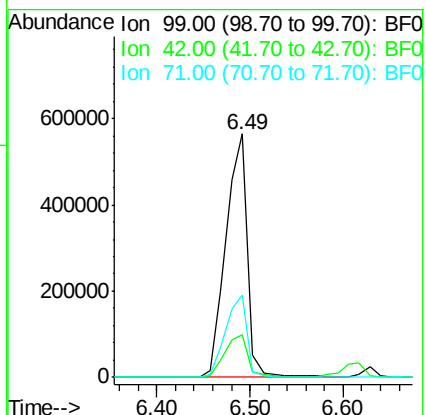
Tot Ion: 99 Resp: 906759

Ion Ratio Lower Upper

99 100

42 17.6 13.2 19.8

71 33.6 25.6 38.4



#8

2-Chlorophenol

Concen: 72.63 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

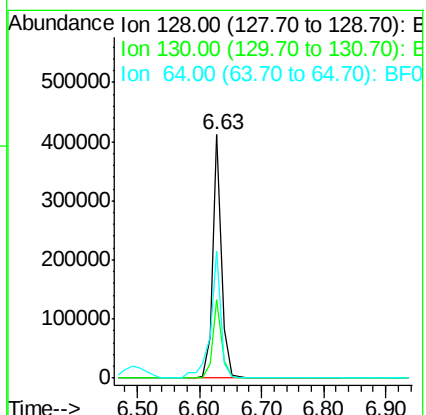
Tgt Ion: 128 Resp: 401581

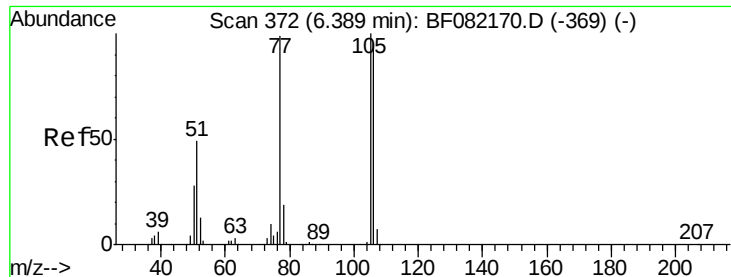
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 52.0 16.7 56.7





#9

Benzaldehyde

Concen: 53.42 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

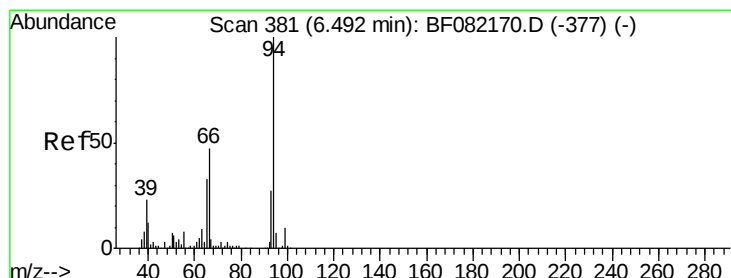
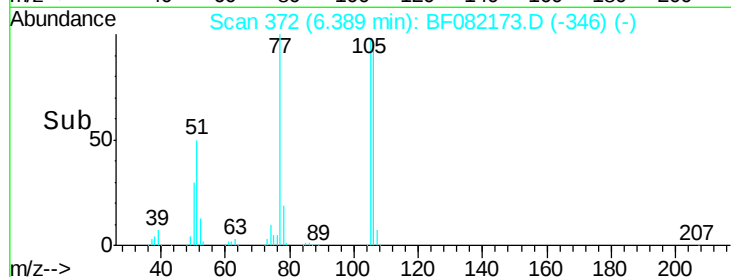
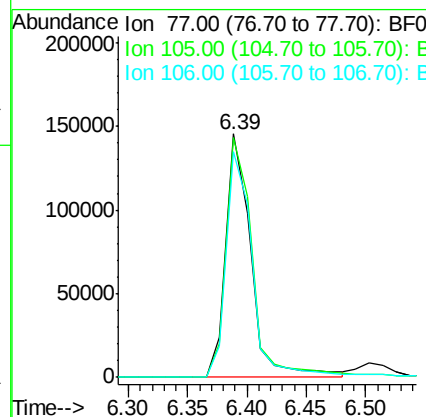
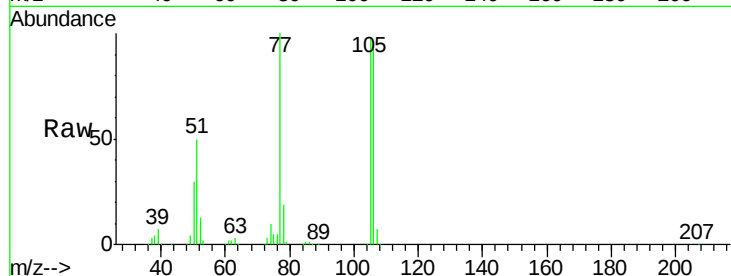
Tot Ion: 77 Resp: 214394

Ion Ratio Lower Upper

77 100

105 98.5 80.6 120.6

106 92.5 75.5 115.5



#10

Phenol

Concen: 77.03 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

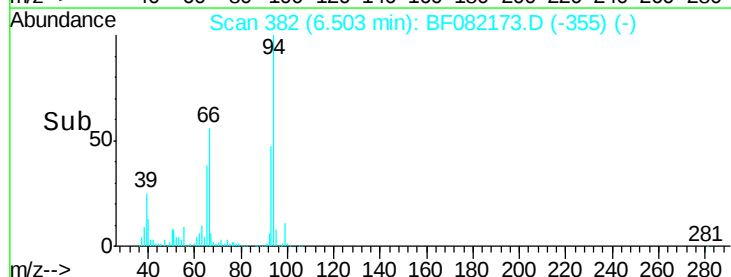
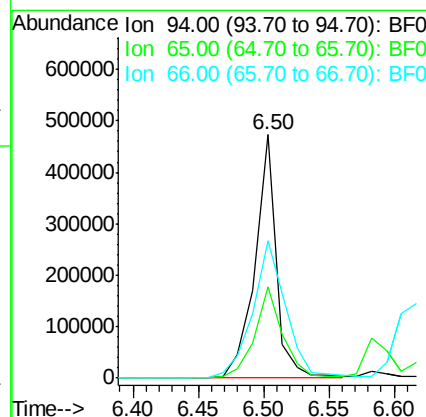
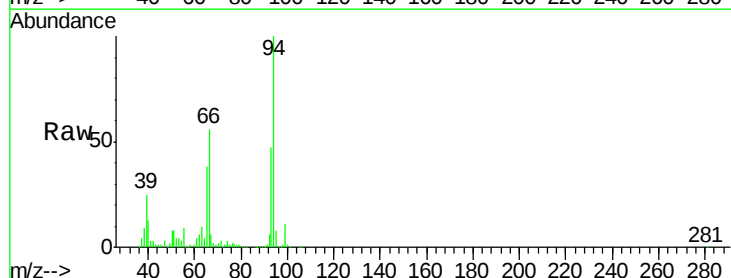
Tgt Ion: 94 Resp: 544706

Ion Ratio Lower Upper

94 100

65 37.5 12.6 52.6

66 56.4 27.3 67.3

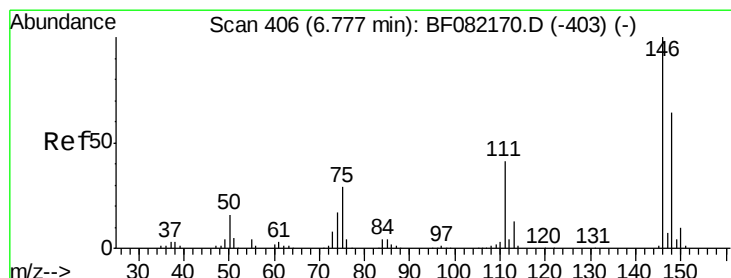
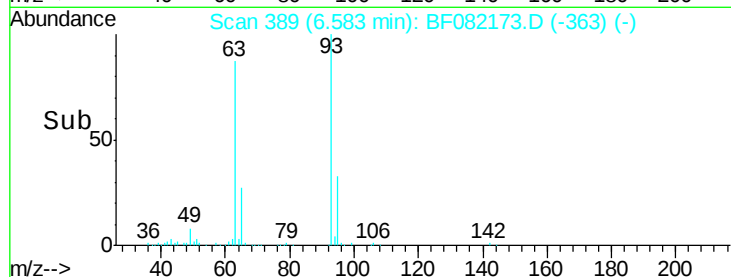
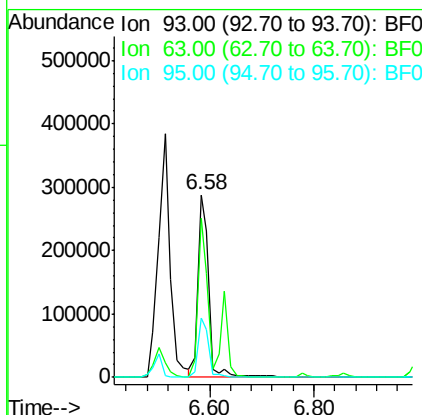
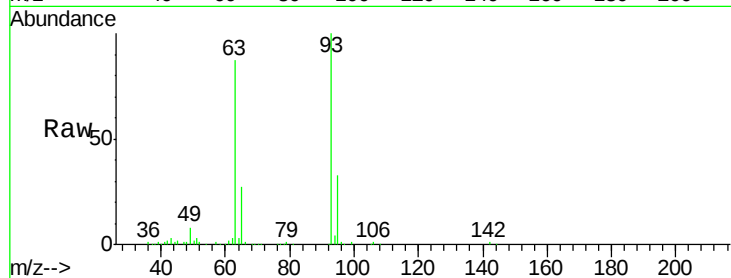




#11
bis(2-Chloroethyl)ether
Concen: 74.24 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

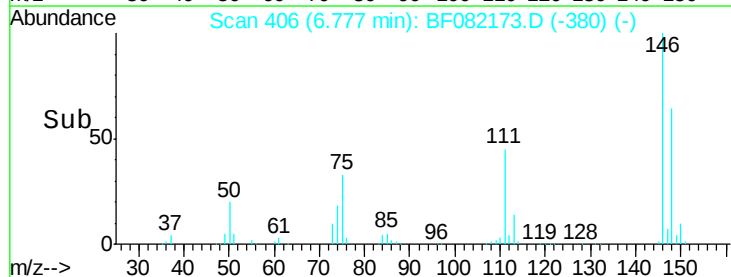
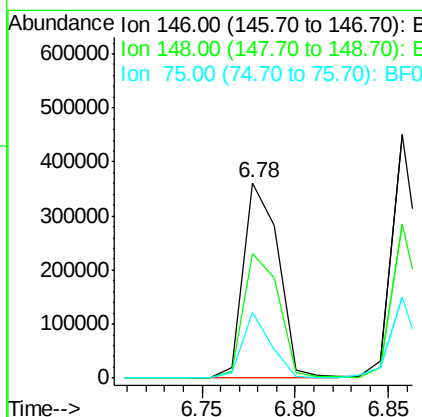
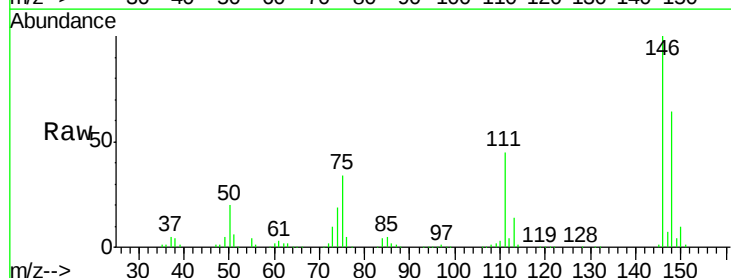
Instrument :
BNA_F
ClientSampleId :

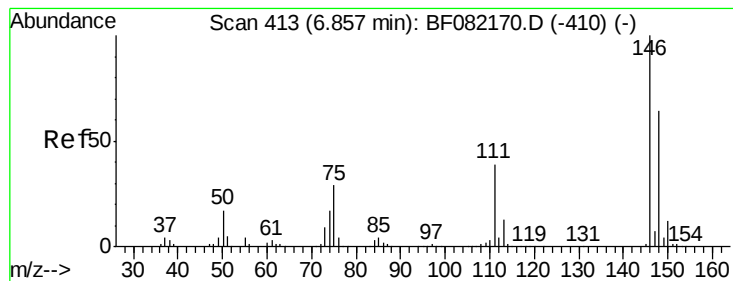
Tot Ion: 93 Resp: 414123
Ion Ratio Lower Upper
93 100
63 87.0 57.1 97.1
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 72.24 ng
RT: 6.78 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion: 146 Resp: 471446
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 33.6 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 70.54 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampled :

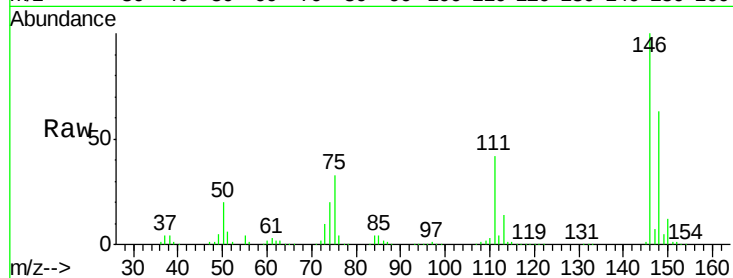
Tot Ion:146 Resp: 481281

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

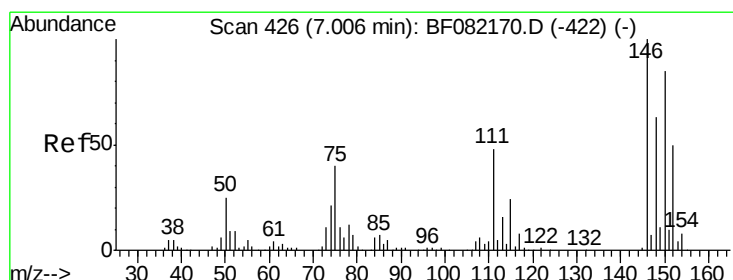
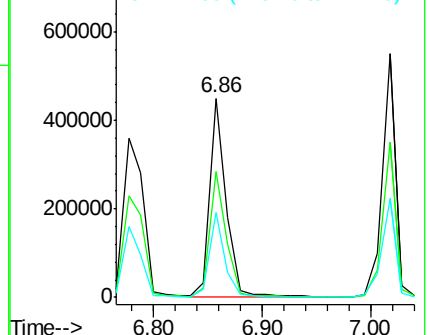
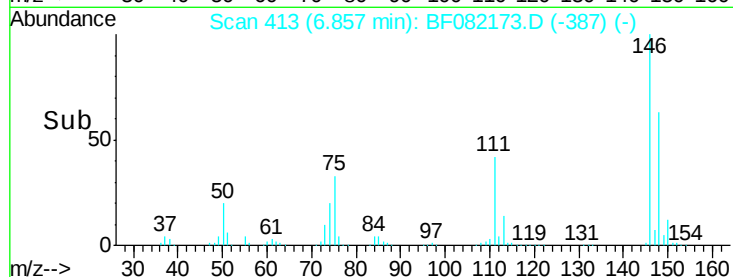
111 42.4 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 79.28 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

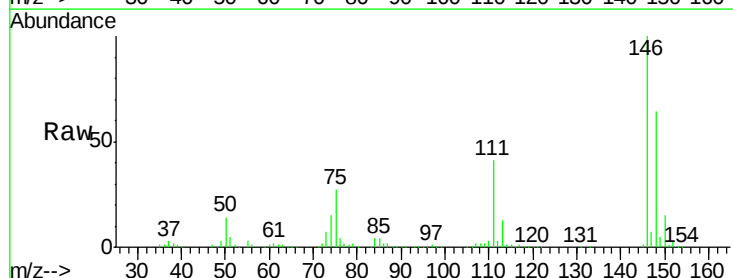
Tgt Ion:146 Resp: 481873

Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

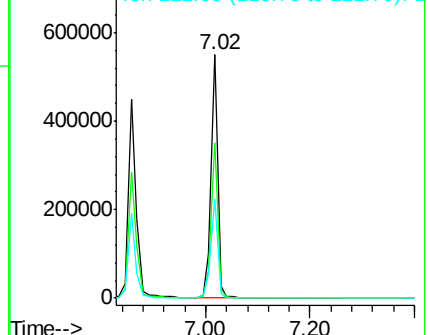
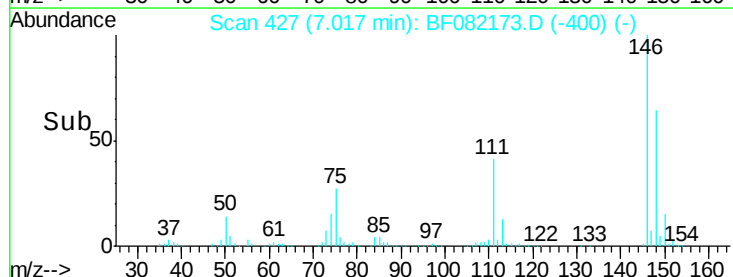
111 40.6 38.5 57.7

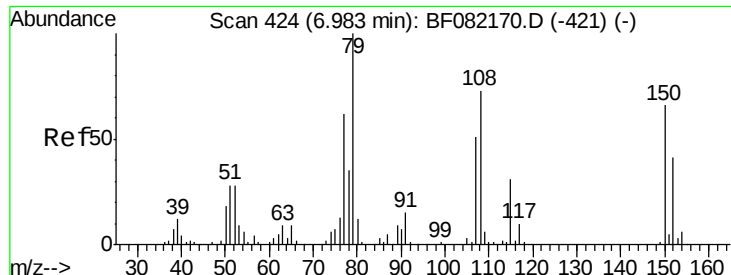


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 68.47 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

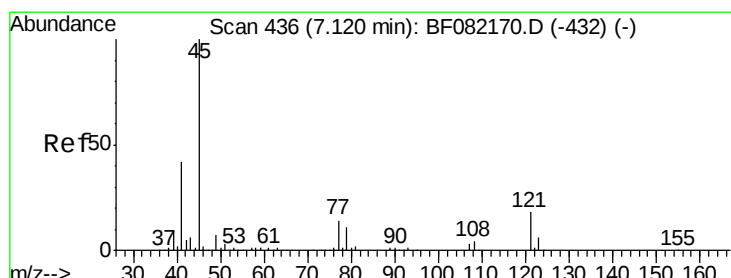
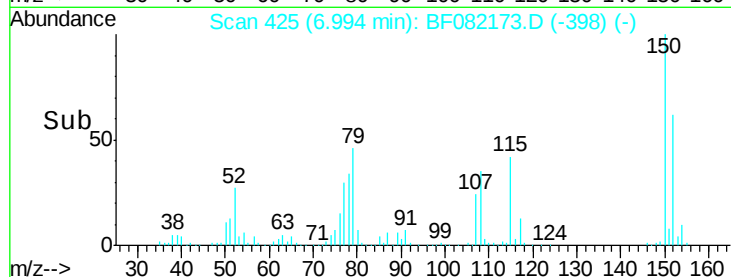
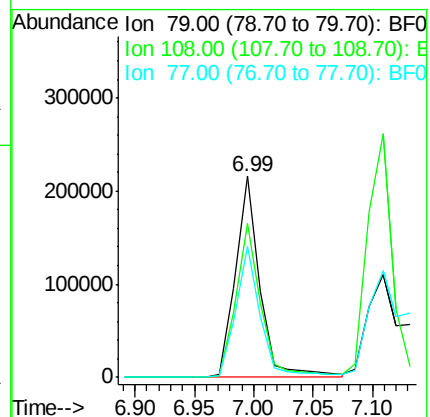
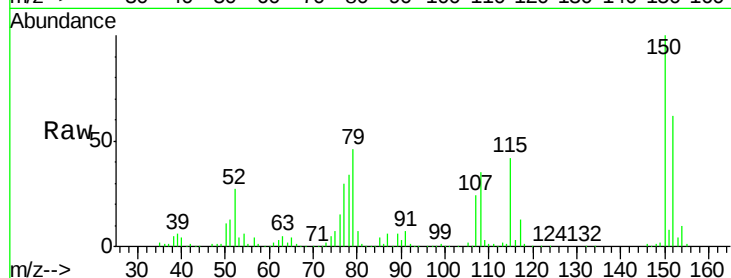
Tot Ion: 79 Resp: 308376

Ion Ratio Lower Upper

79 100

108 76.5 58.4 87.6

77 65.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.38 ng

RT: 7.13 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

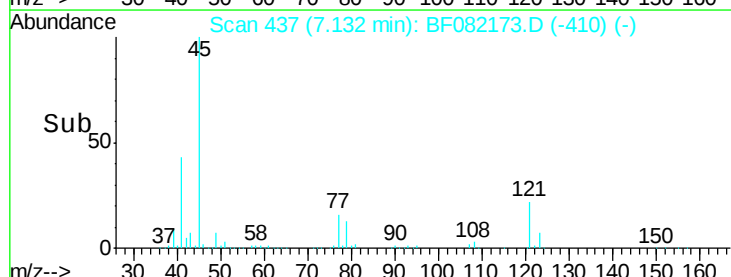
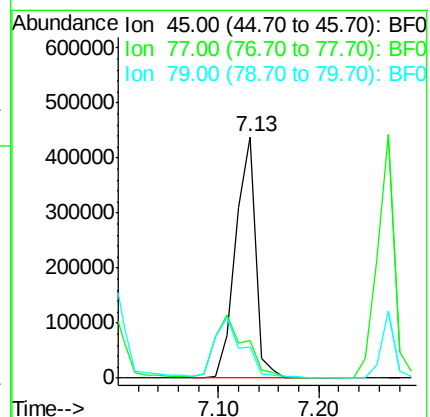
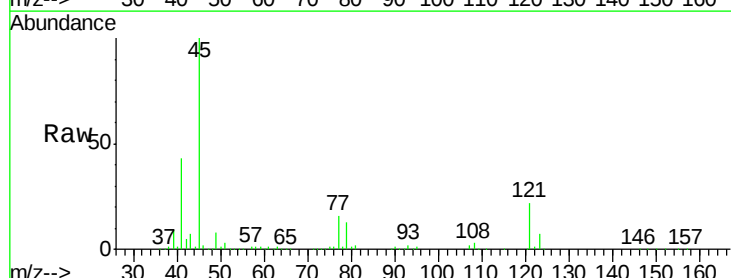
Tgt Ion: 45 Resp: 605224

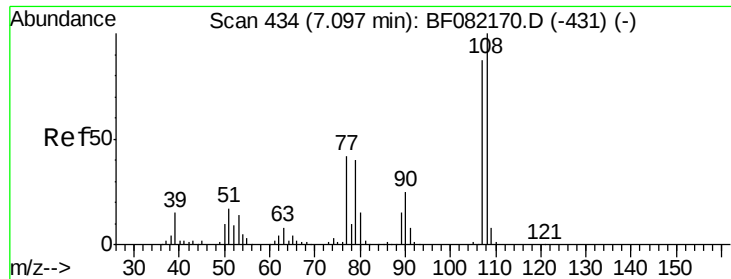
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.5

79 13.0 0.0 31.6

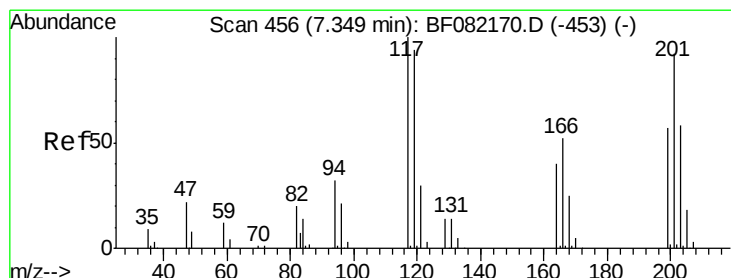
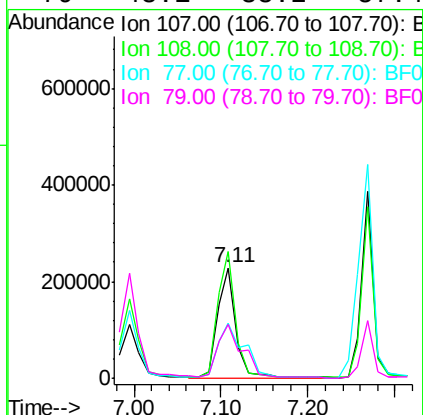
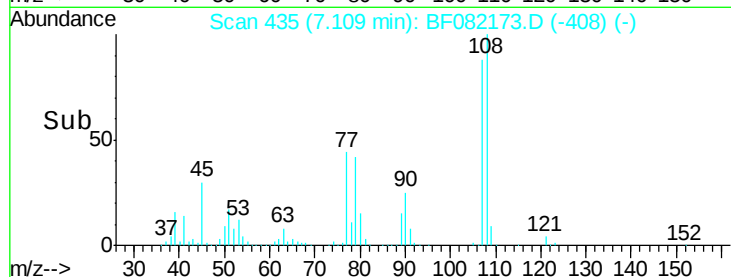
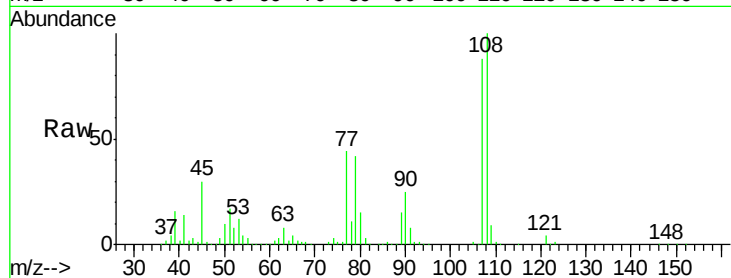




#17
2-Methylphenol
Concen: 74.94 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

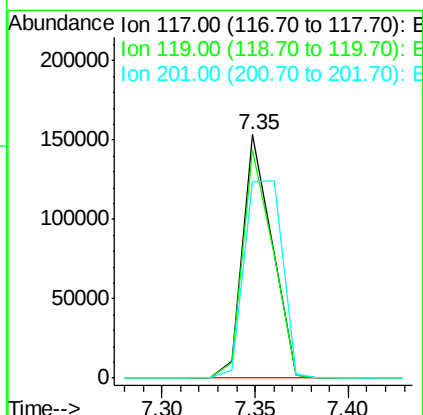
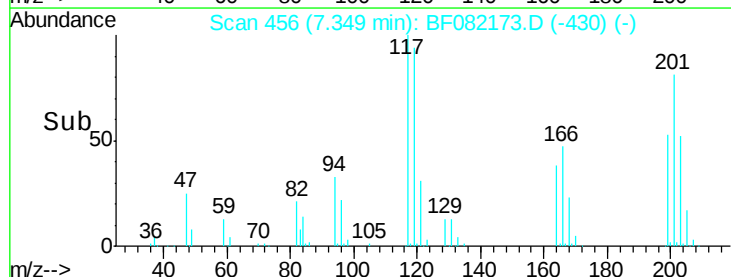
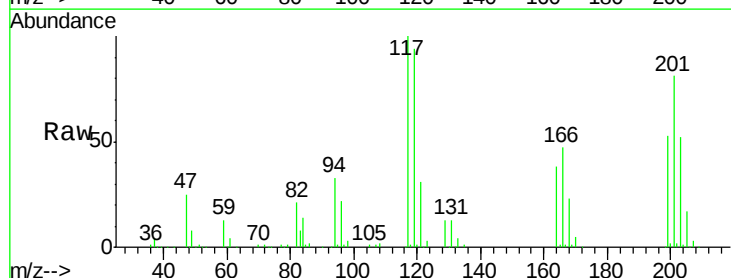
Instrument :
BNA_F
ClientSampled :

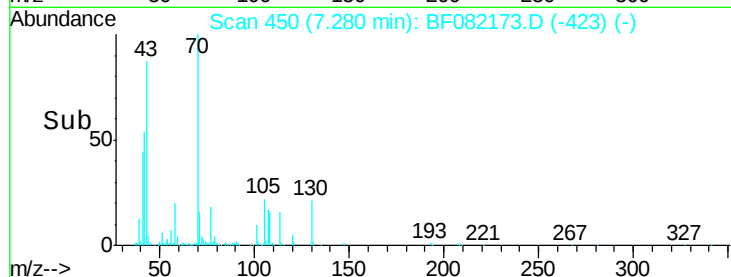
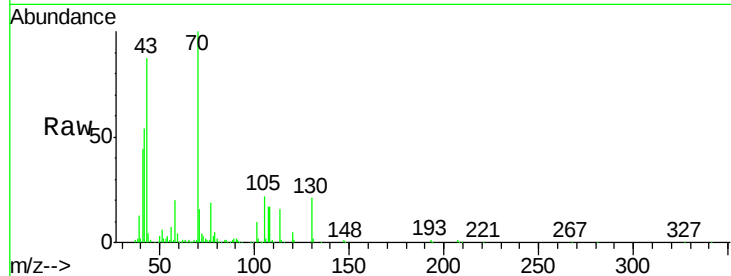
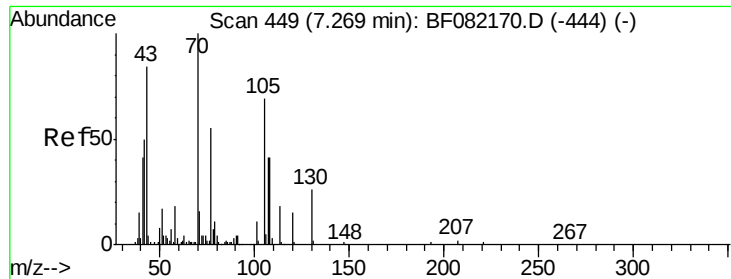
Tot Ion:107 Resp: 334288
Ion Ratio Lower Upper
107 100
108 114.3 92.2 138.2
77 50.2 39.6 59.4
79 48.1 38.2 57.4



#18
Hexachloroethane
Concen: 77.66 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:117 Resp: 167536
Ion Ratio Lower Upper
117 100
119 93.7 75.4 113.2
201 80.7 73.4 110.0

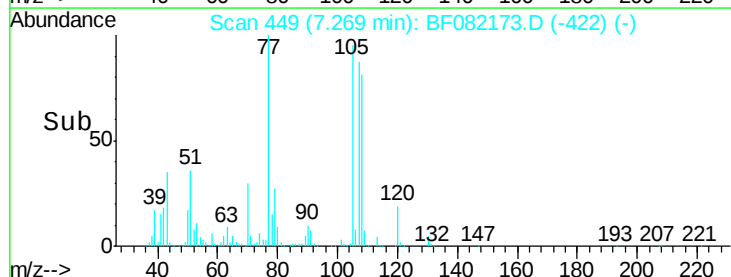
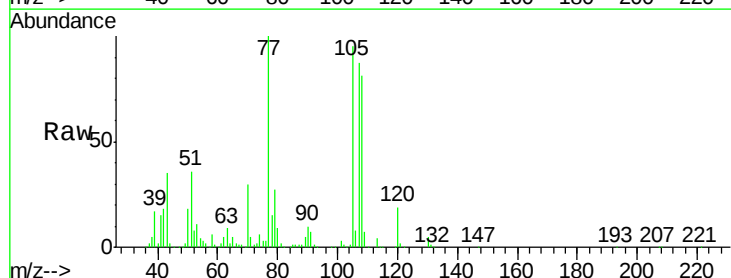
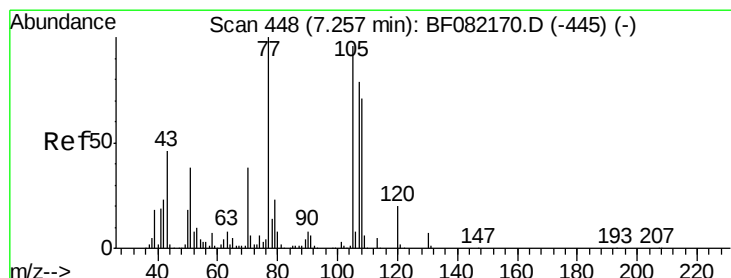
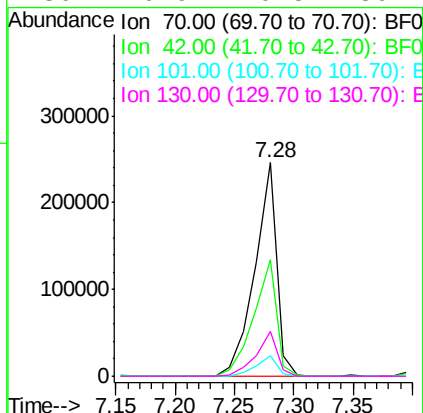




#19
n-Nitroso-di-n-propylamine
Concen: 83.39 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

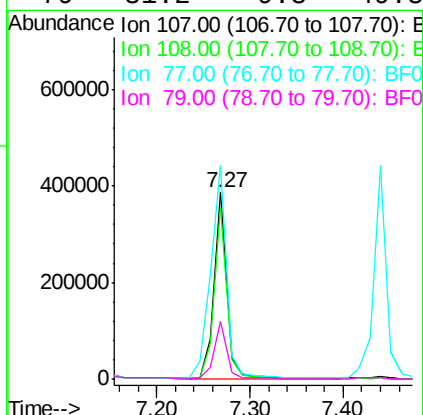
Instrument :
BNA_F
ClientSampleId :

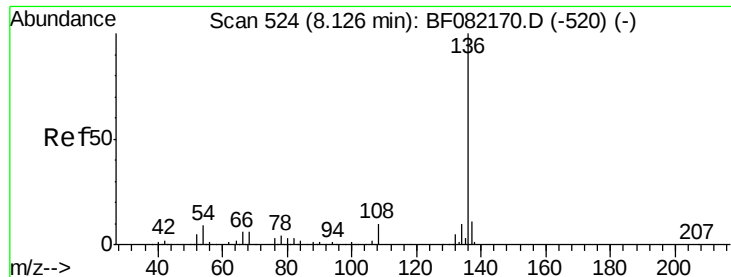
Tot Ion:	70	Resp:	320089
Ion	Ratio	Lower	Upper
70	100		
42	54.3	39.8	59.8
101	9.7	8.6	13.0
130	20.9	20.5	30.7



#20
3+4-Methylphenols
Concen: 65.47 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:	107	Resp:	366564
Ion	Ratio	Lower	Upper
107	100		
108	92.3	69.9	109.9
77	114.5	106.0	146.0
79	31.2	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 357116

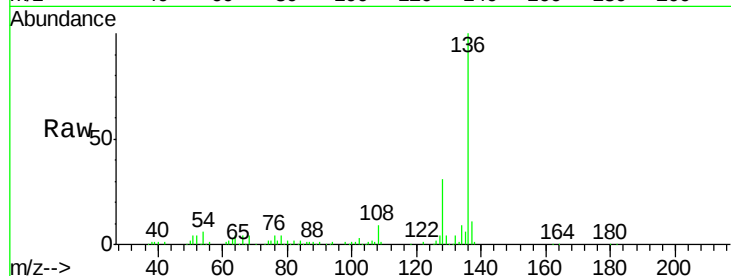
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 5.6 7.5 11.3#

68 4.0 4.6 7.0#

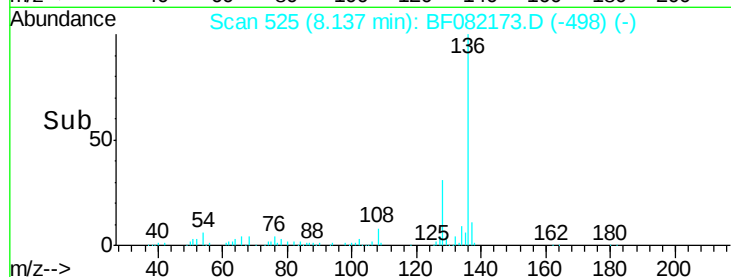


Abundance Ion 136.00 (135.70 to 136.70): E

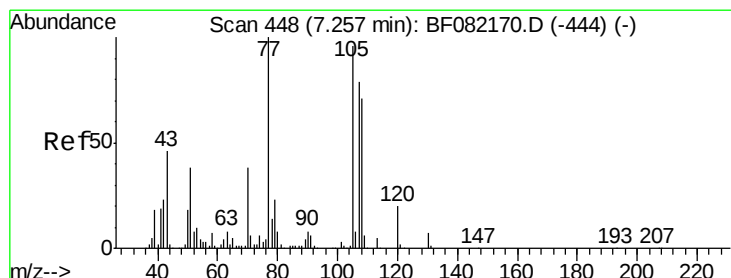
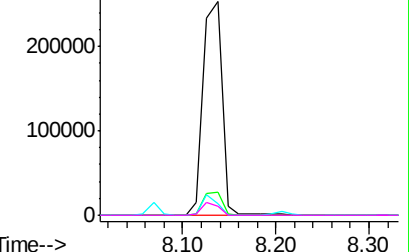
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 74.74 ng

RT: 7.27 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Tgt Ion:105 Resp: 542537

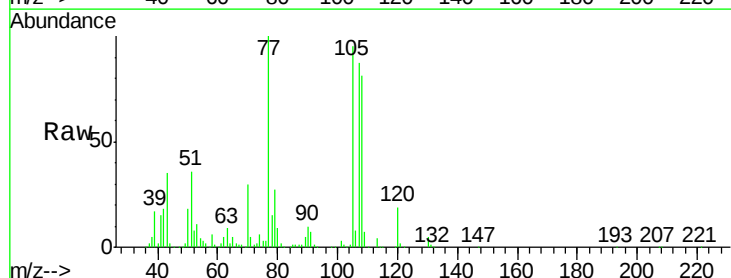
Ion Ratio Lower Upper

105 100

71 5.2 5.4 8.0#

51 37.9 31.8 47.6

120 20.3 16.3 24.5

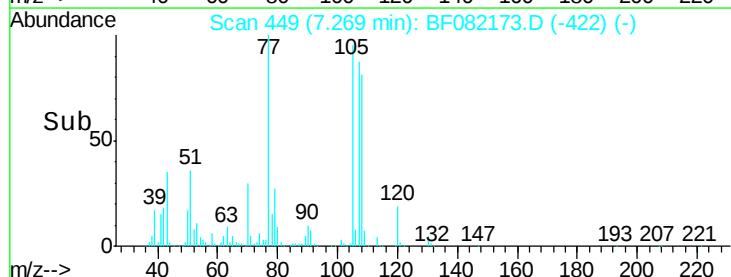


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

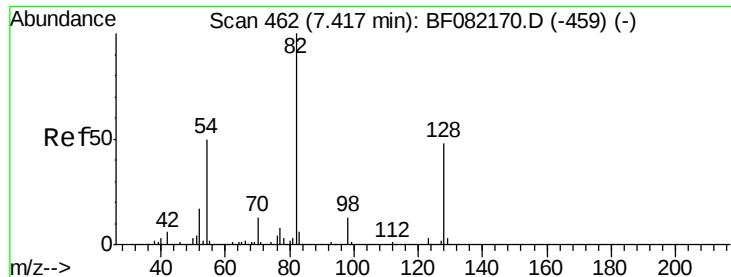
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

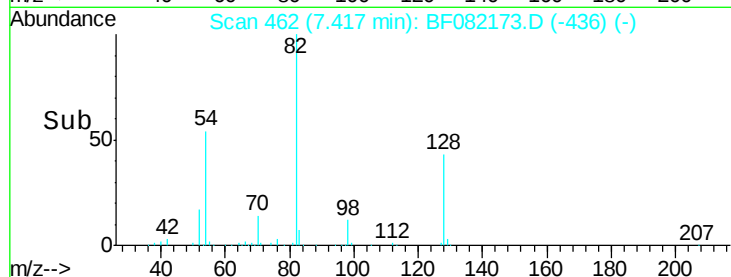
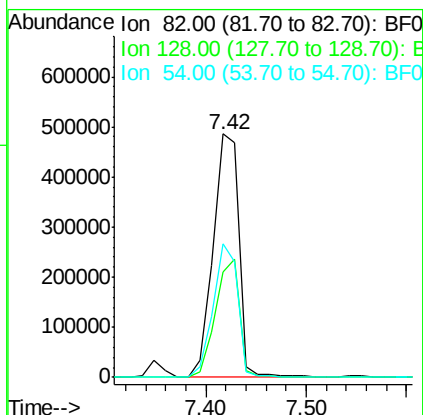
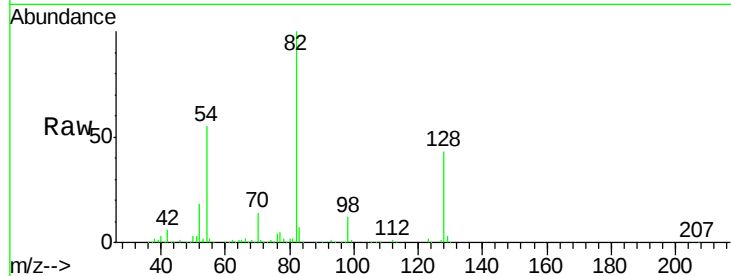




#23
 Nitrobenzene-d5
 Concen: 160.34 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

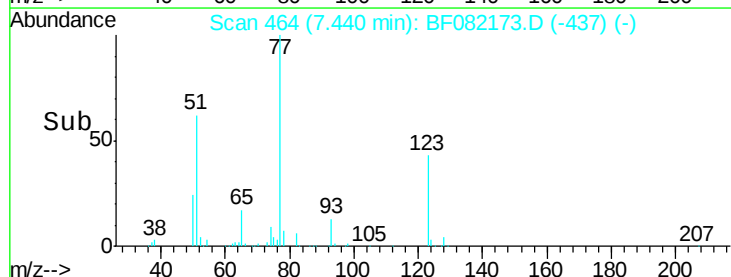
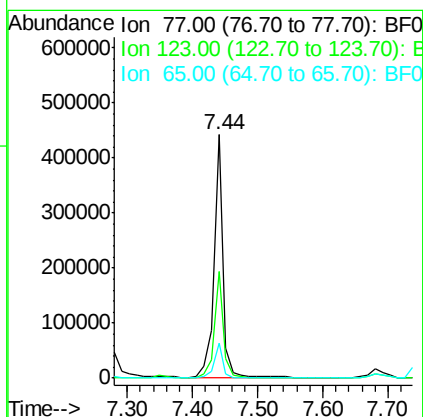
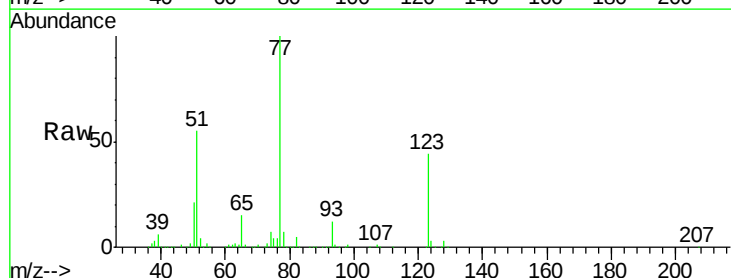
Instrument :
 BNA_F
 ClientSampled :

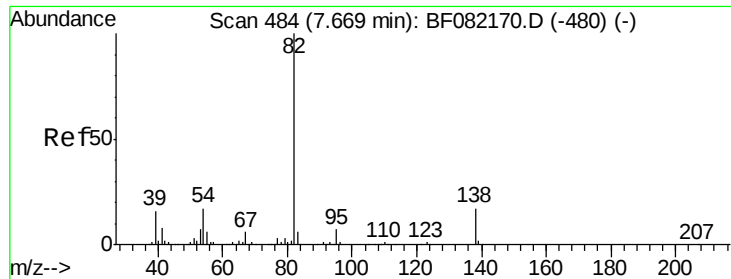
Tot Ion: 82 Resp: 863424
 Ion Ratio Lower Upper
 82 100
 128 43.2 38.7 58.1
 54 54.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 75.43 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion: 77 Resp: 431550
 Ion Ratio Lower Upper
 77 100
 123 43.7 33.0 49.4
 65 14.6 11.2 16.8





#25

Isophorone

Concen: 80.04 ng

RT: 7.68 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

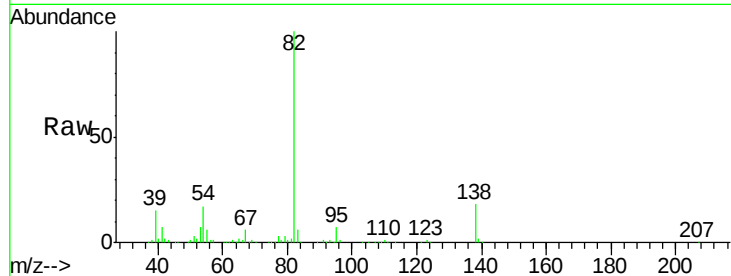
Tot Ion: 82 Resp: 849140

Ion Ratio Lower Upper

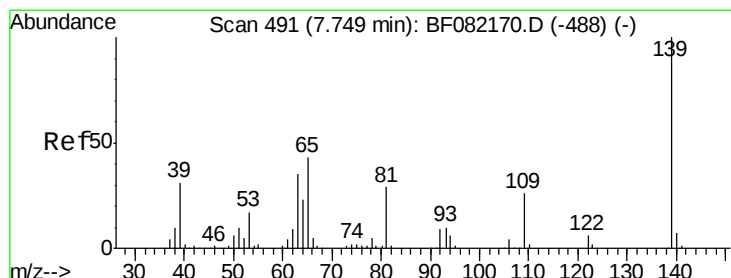
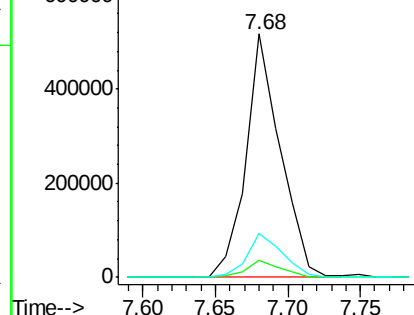
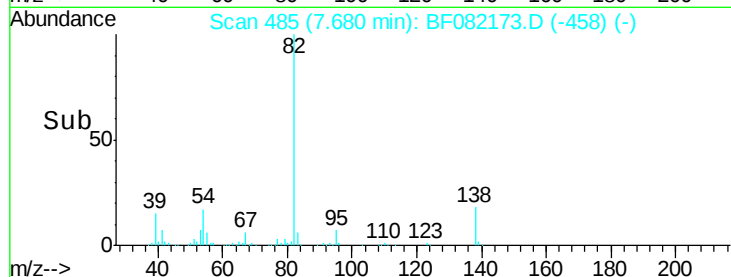
82 100

95 7.2 5.6 8.4

138 18.1 13.6 20.4



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: 80.34 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

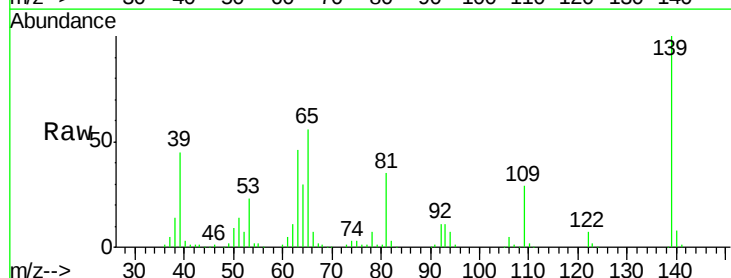
Tgt Ion: 139 Resp: 227548

Ion Ratio Lower Upper

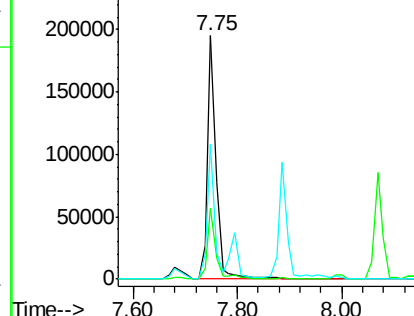
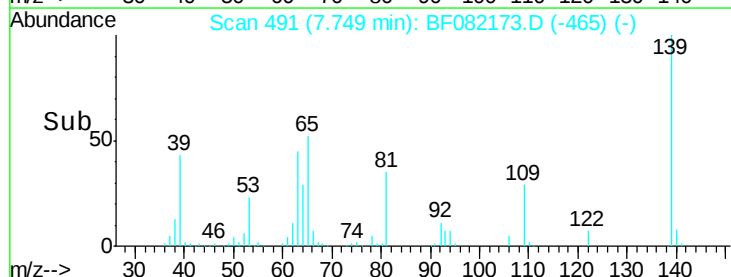
139 100

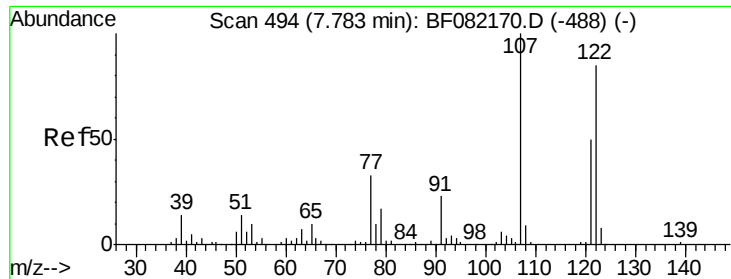
109 29.0 20.6 31.0

65 55.6 34.3 51.5#



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

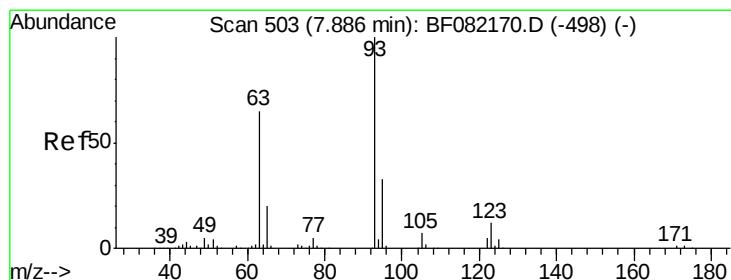
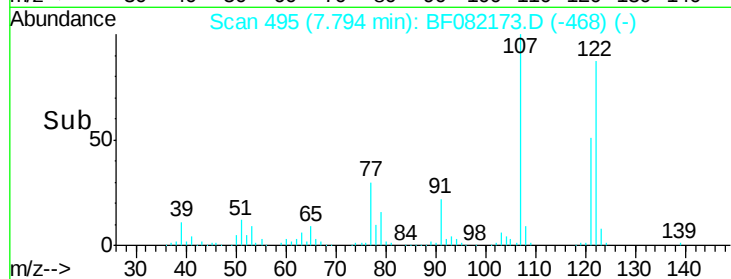
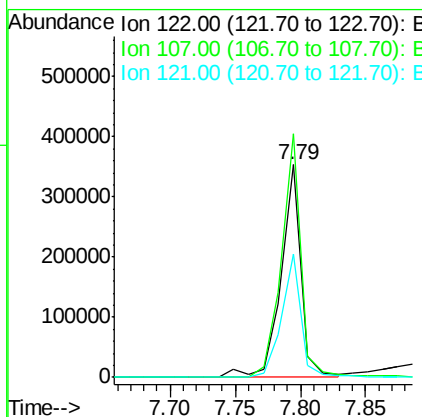
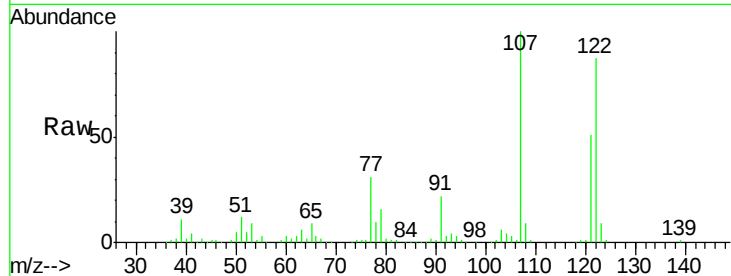




#27
 2,4-Dimethylphenol
 Concen: 78.58 ng
 RT: 7.79 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

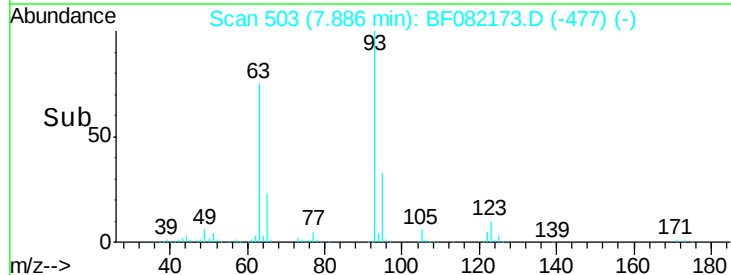
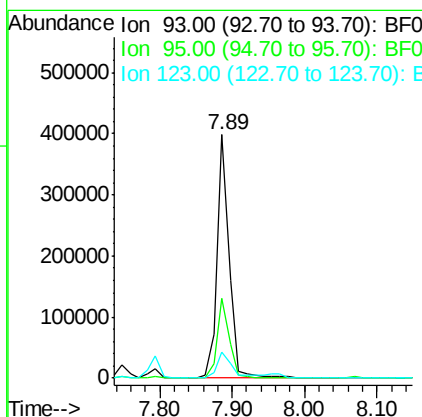
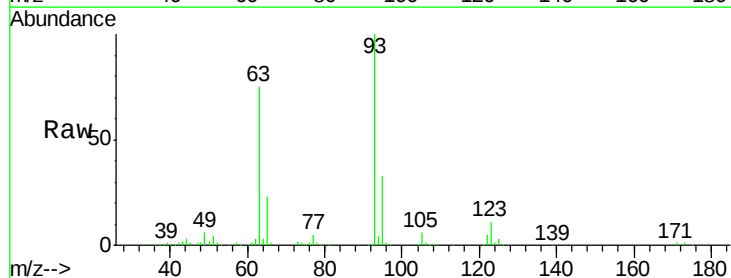
Instrument :
 BNA_F
 ClientSampled :

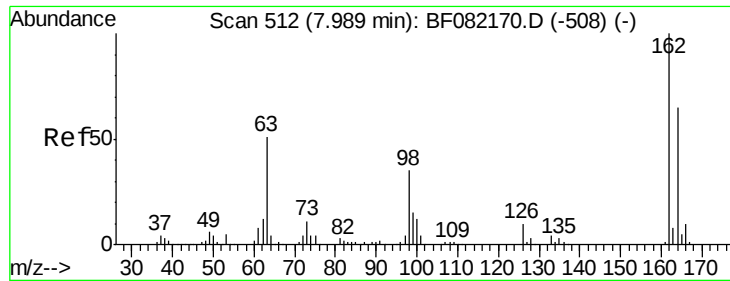
Tot Ion:122 Resp: 380073
 Ion Ratio Lower Upper
 122 100
 107 114.6 94.0 141.0
 121 57.9 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 71.86 ng
 RT: 7.89 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion: 93 Resp: 460644
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 39.8
 123 10.5 9.5 14.3

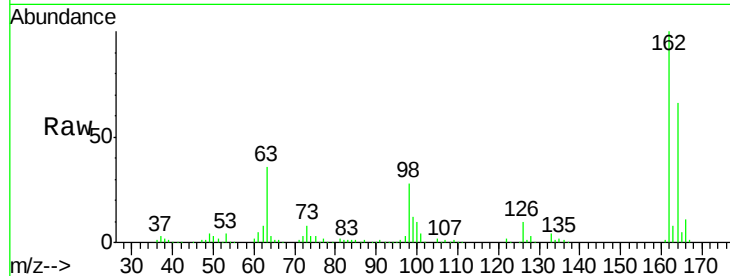




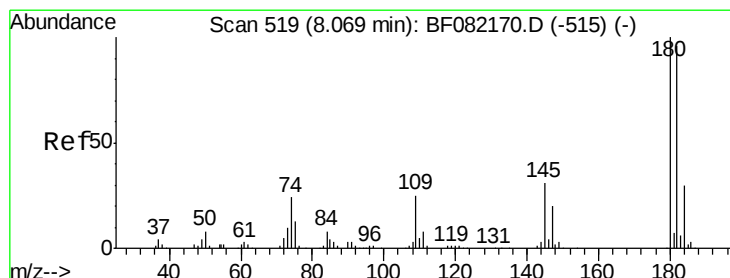
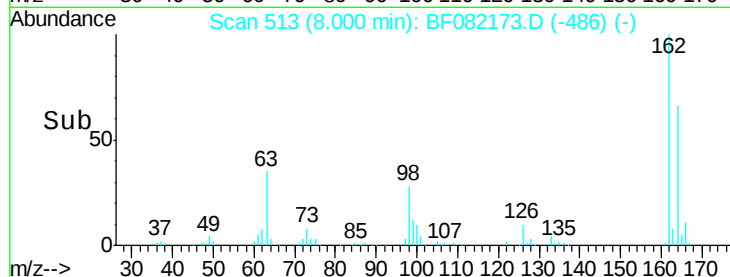
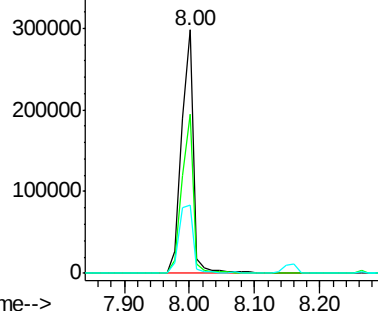
#29
 2,4-Dichlorophenol
 Concen: 79.77 ng
 RT: 8.00 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	28.0	15.0	55.0

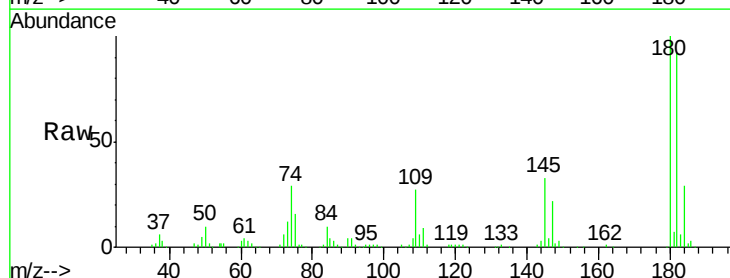


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

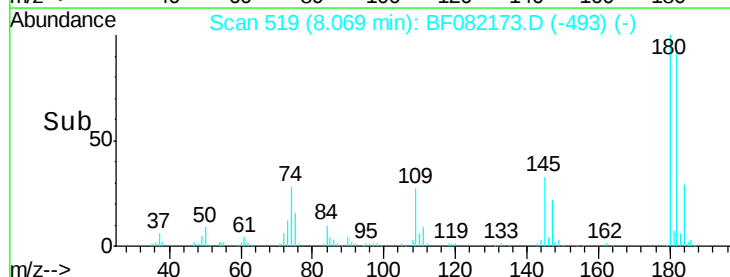
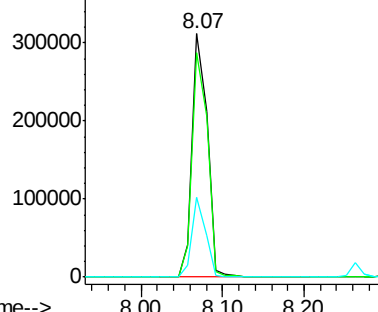


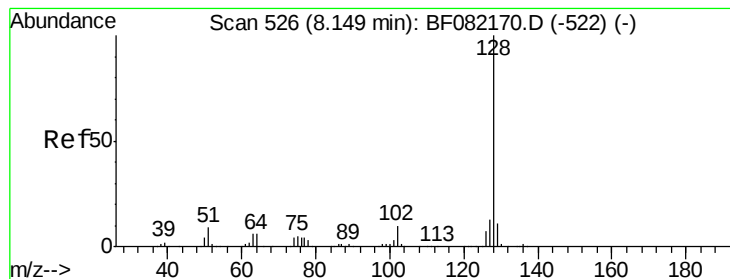
#30
 1,2,4-Trichlorobenzene
 Concen: 75.12 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.0	115.4
145	32.5	25.0	37.4



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: 75.48 ng

RT: 8.16 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

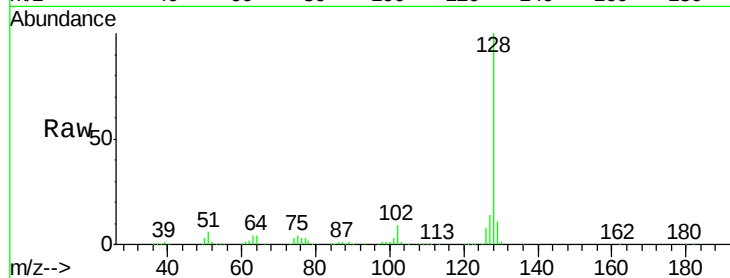
Tot Ion:128 Resp: 1195811

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

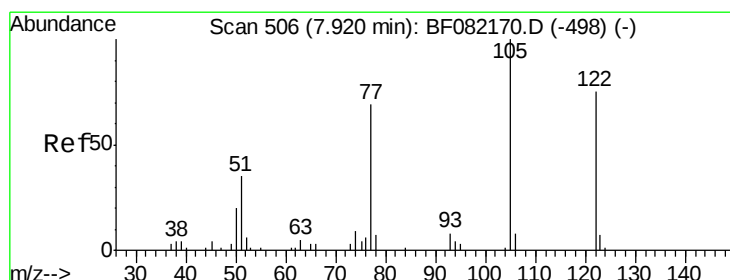
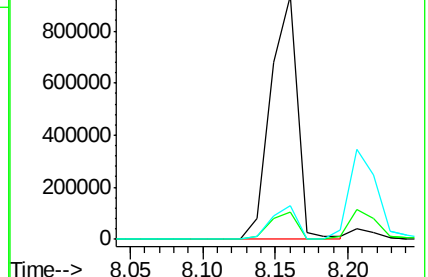
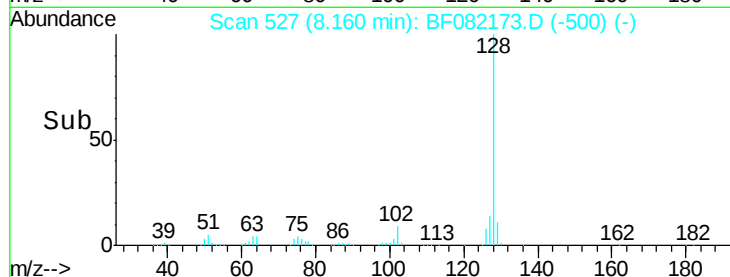
127 13.8 10.7 16.1



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: 110.61 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.05 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

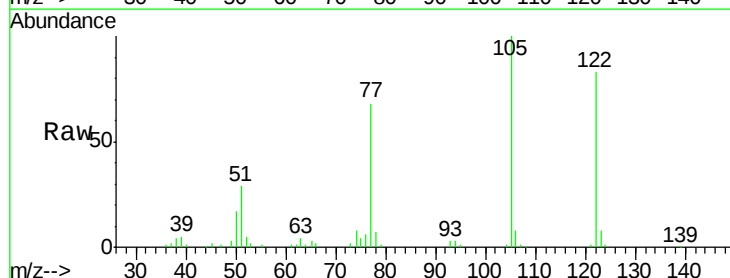
Tgt Ion:122 Resp: 297073

Ion Ratio Lower Upper

122 100

105 120.7 104.4 144.4

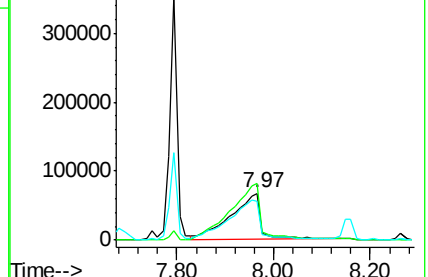
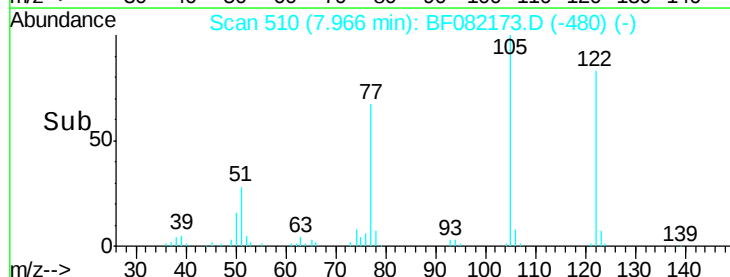
77 81.7 69.0 109.0

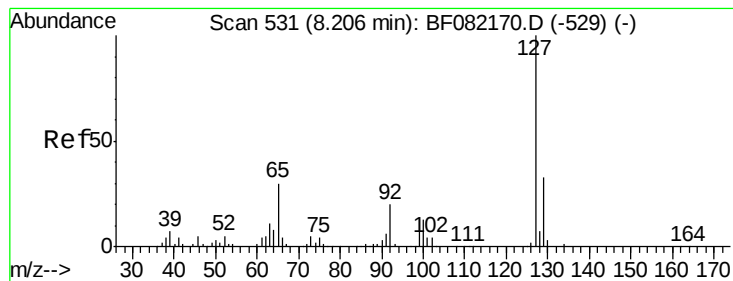


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 72.59 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 494991

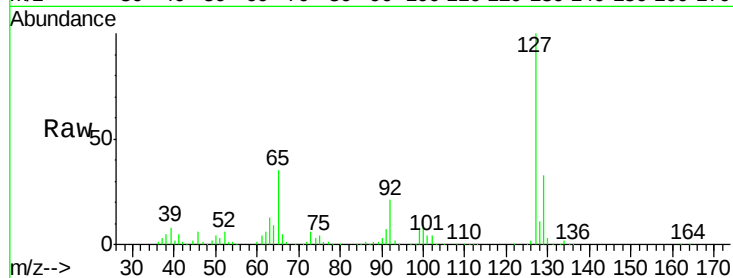
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 35.1 24.4 36.6

92 20.8 15.7 23.5

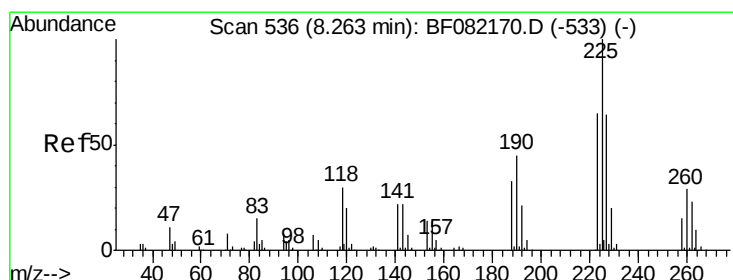
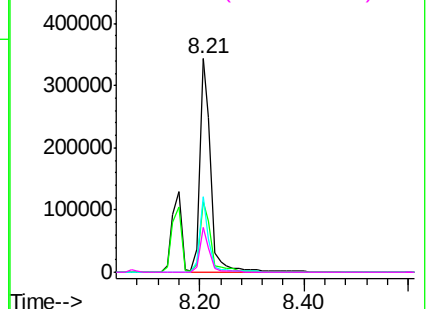
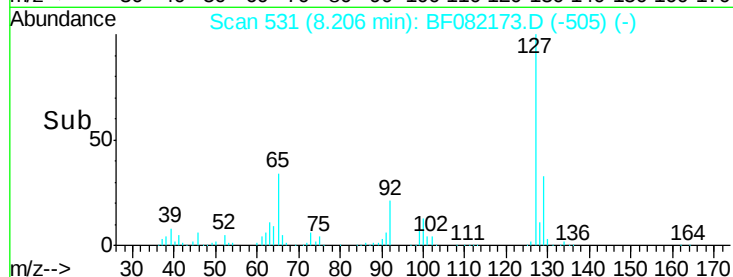


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 76.94 ng

RT: 8.26 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

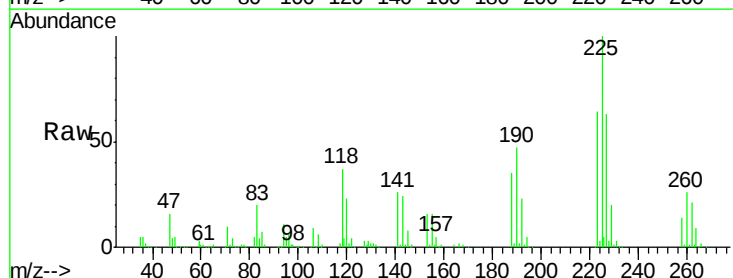
Tgt Ion:225 Resp: 243752

Ion Ratio Lower Upper

225 100

223 64.1 52.2 78.2

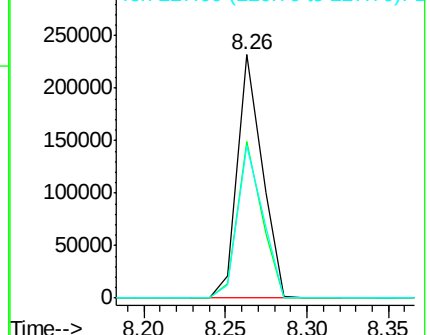
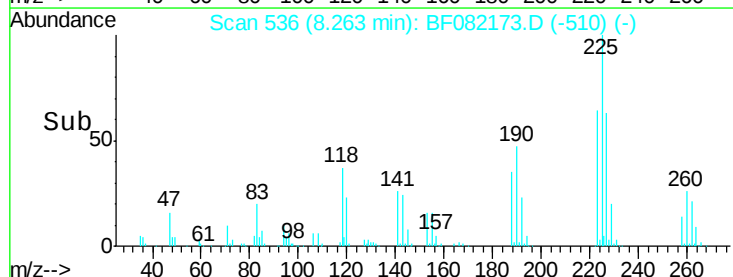
227 62.9 51.3 76.9

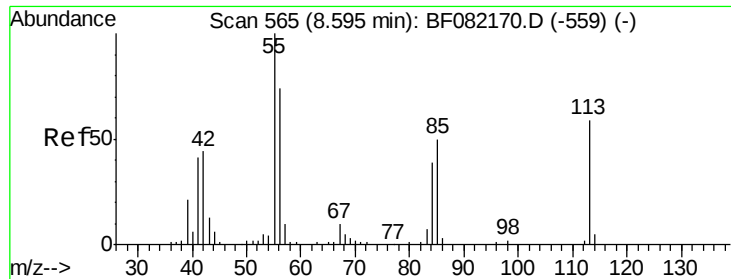


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 83.39 ng

RT: 8.62 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

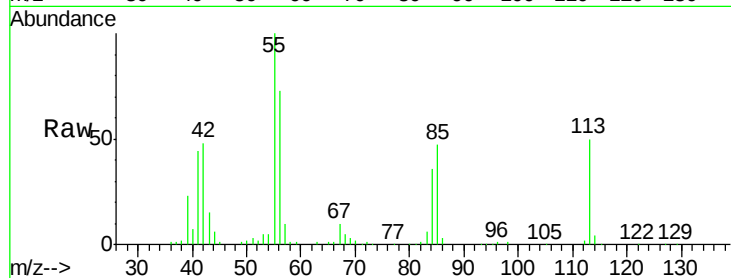
Tot Ion:113 Resp: 111364

Ion Ratio Lower Upper

113 100

55 201.2 149.7 189.7#

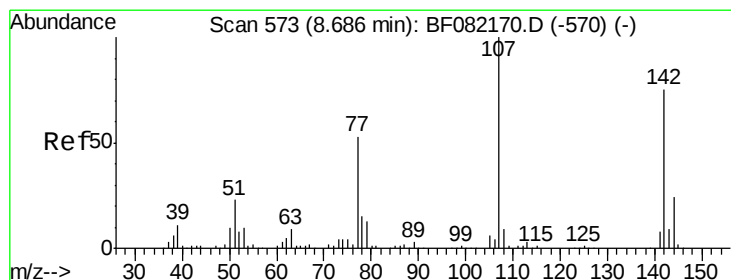
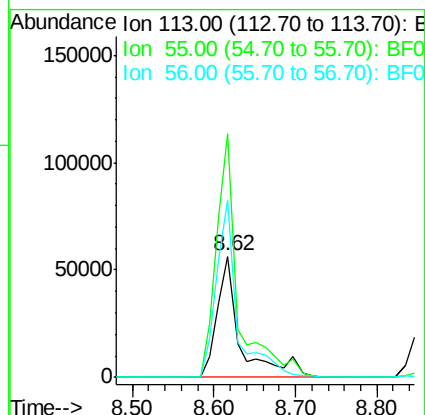
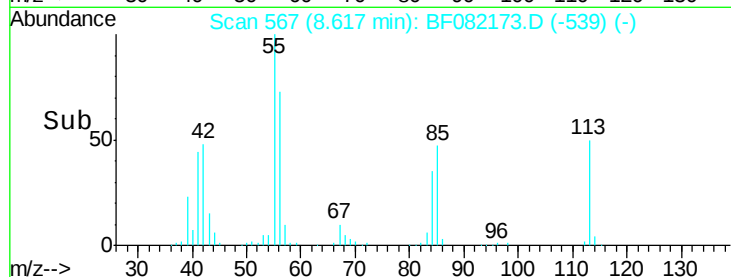
56 146.6 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 74.23 ng

RT: 8.70 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

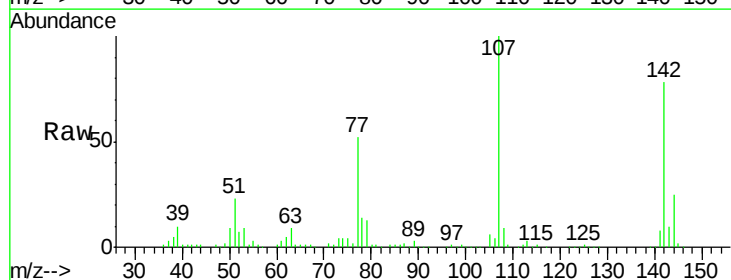
Tgt Ion:107 Resp: 343966

Ion Ratio Lower Upper

107 100

144 25.0 19.3 28.9

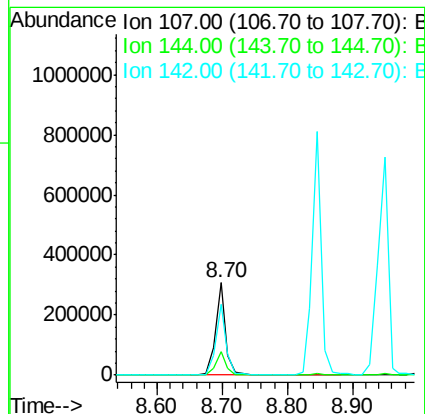
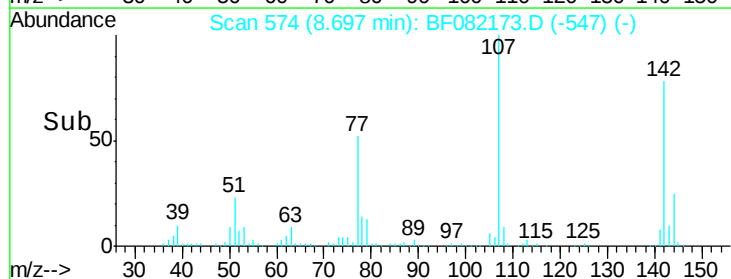
142 77.6 59.9 89.9

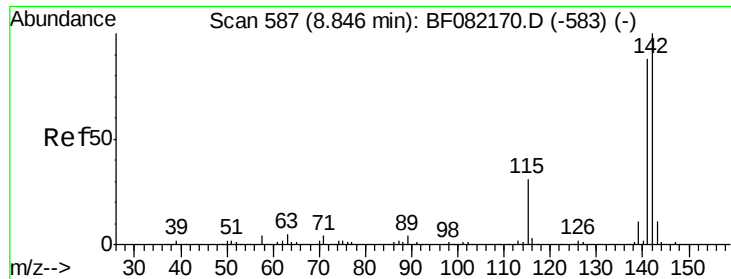


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

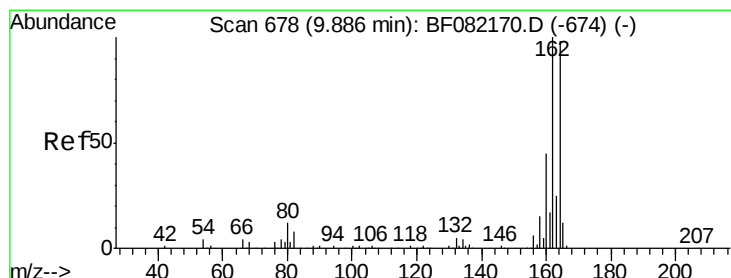
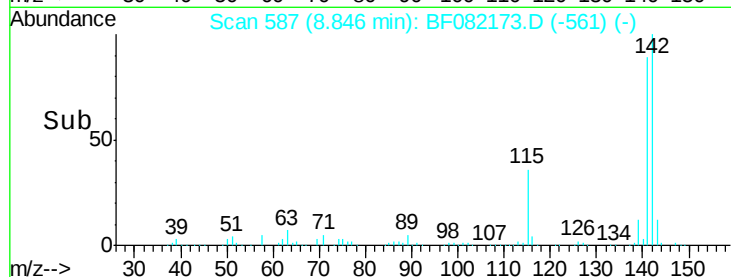
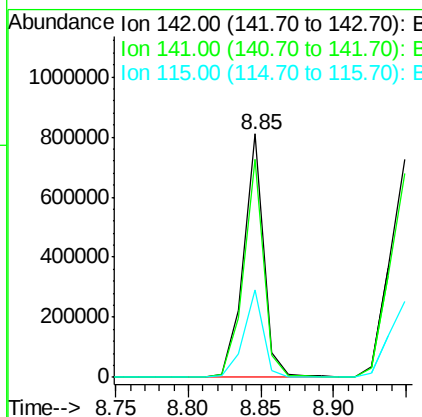
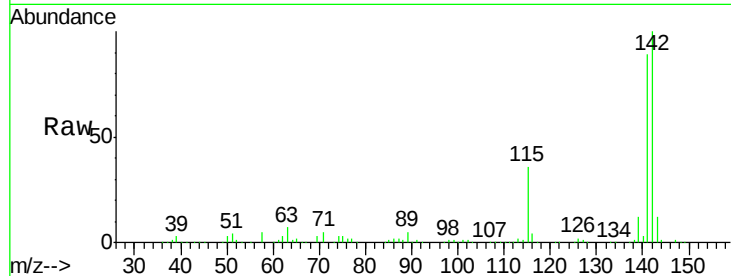




#37
2-Methylnaphthalene
Concen: 72.68 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

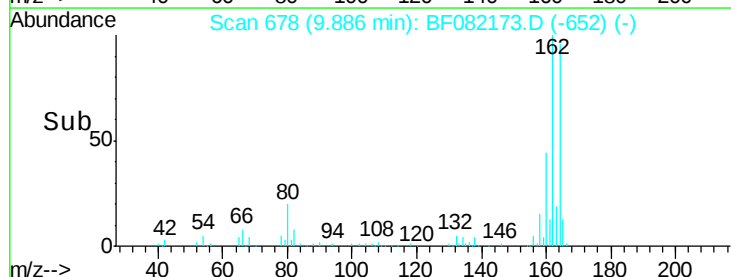
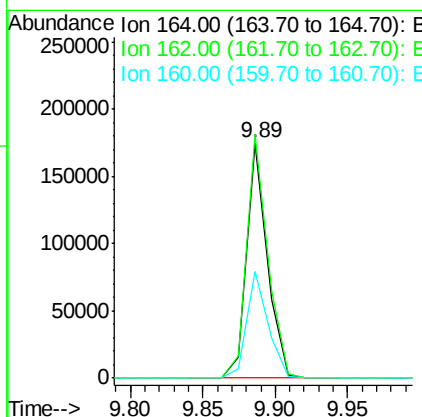
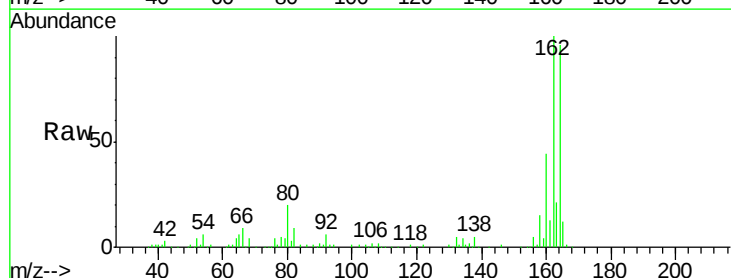
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	35.8	24.6	37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	45.3	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 78.02 ng

RT: 9.02 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 410471

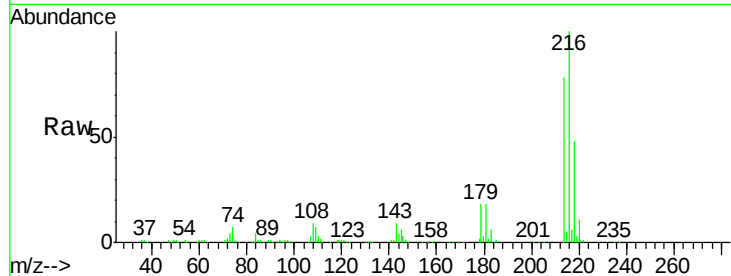
Ion Ratio Lower Upper

216 100

214 79.7 64.6 97.0

179 20.9 17.6 26.4

108 16.2 14.5 21.7

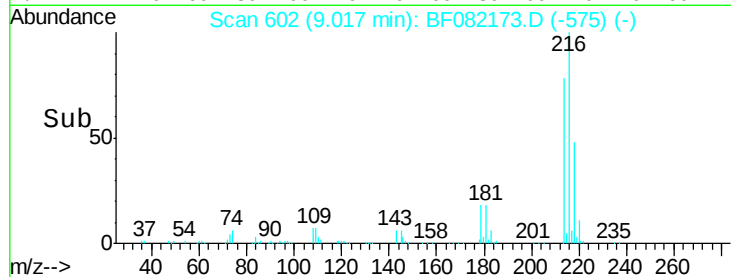


Abundance Ion 216.00 (215.70 to 216.70): E

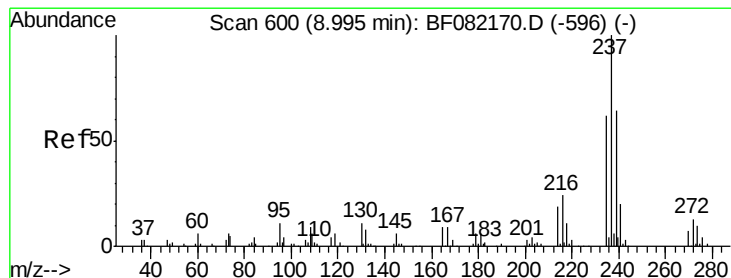
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 81.62 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

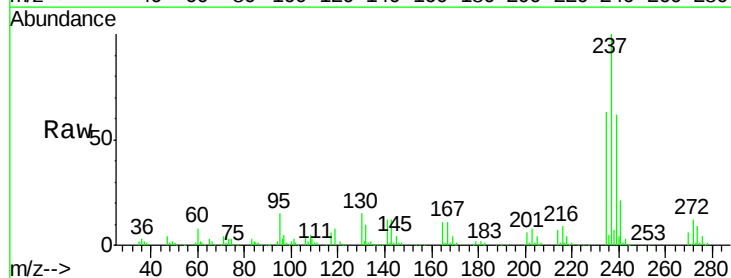
Tgt Ion:237 Resp: 214125

Ion Ratio Lower Upper

237 100

235 63.0 41.7 81.7

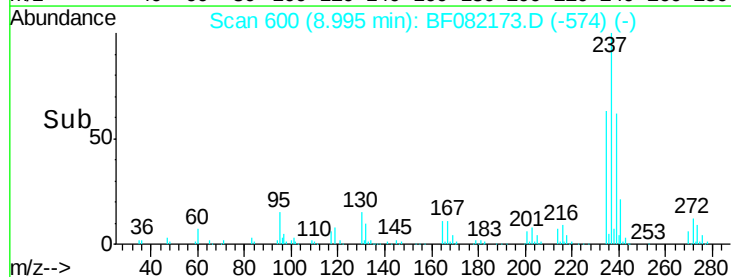
272 11.6 0.0 32.8



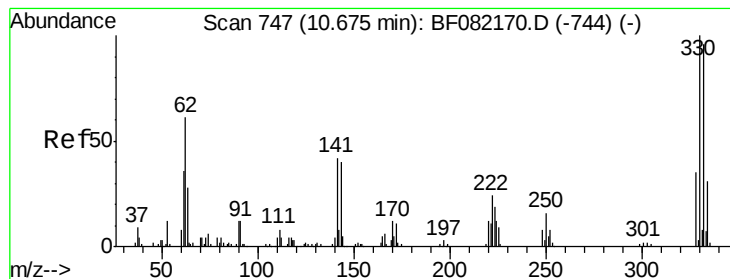
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



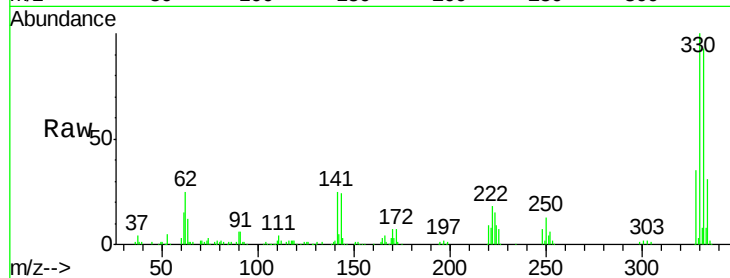
Time-->



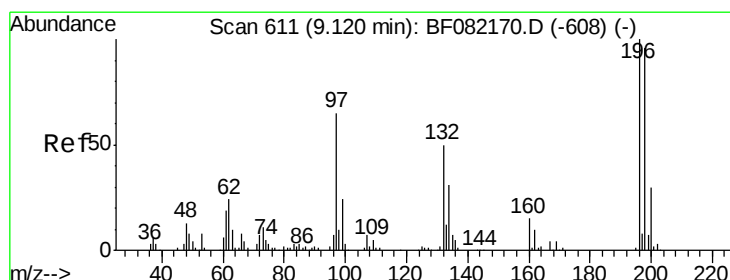
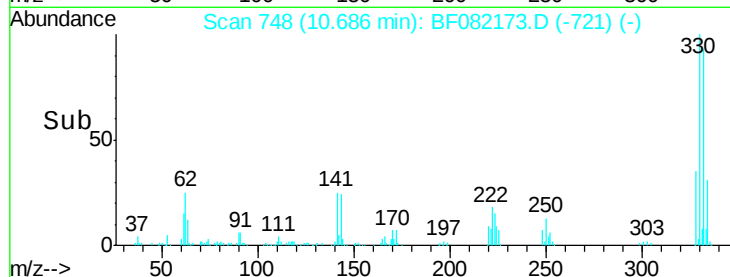
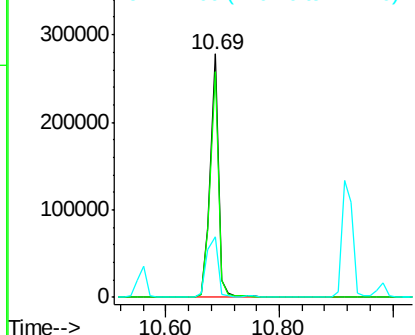
#41
 2,4,6-Tribromophenol
 Concen: 157.58 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 272716
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.1 115.7
 141 33.5 29.8 44.8

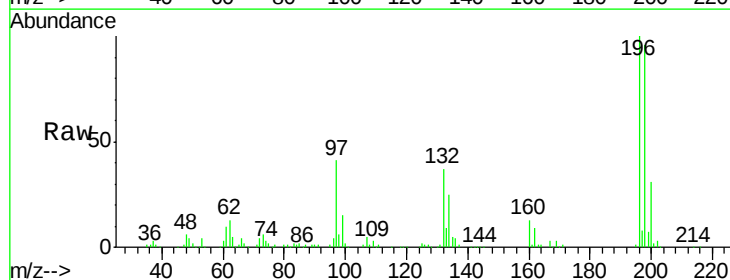


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

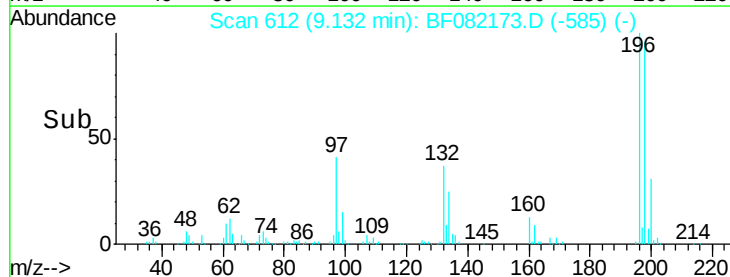
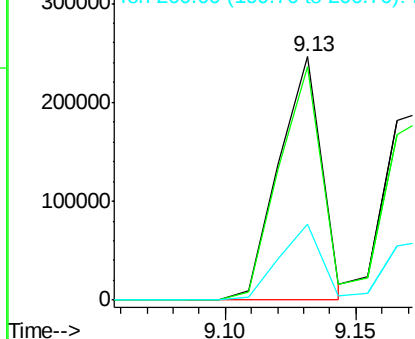


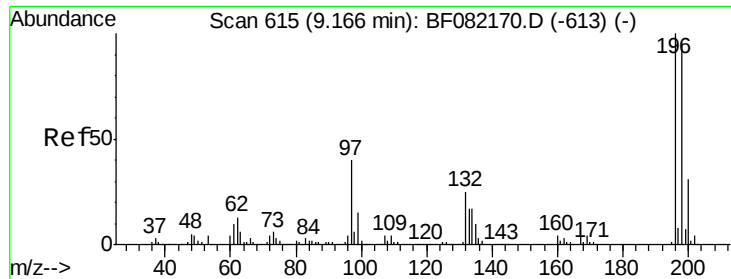
#42
 2,4,6-Trichlorophenol
 Concen: 78.56 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:196 Resp: 280368
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 200 31.4 23.7 35.5



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

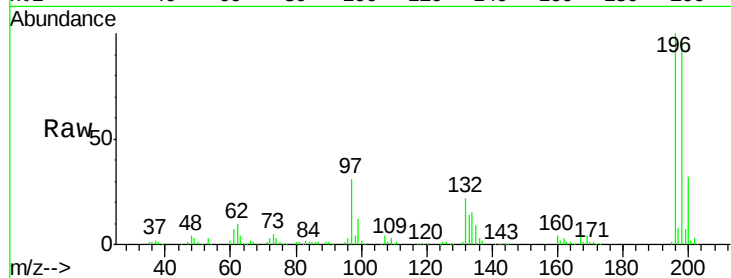




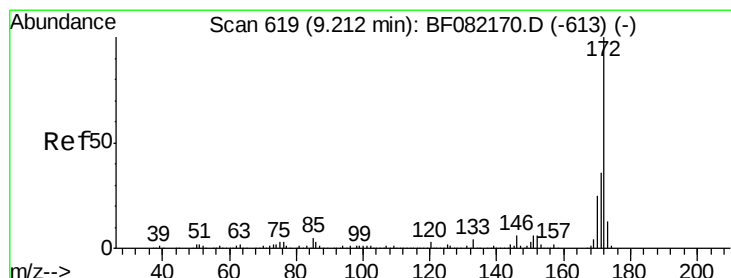
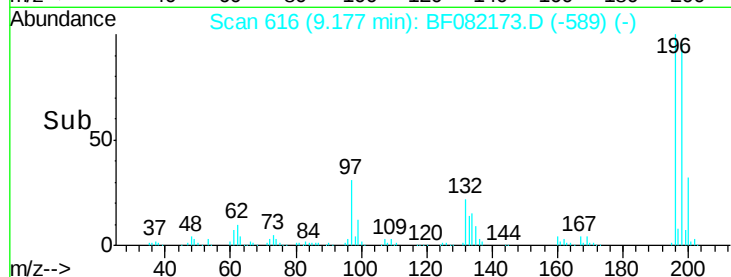
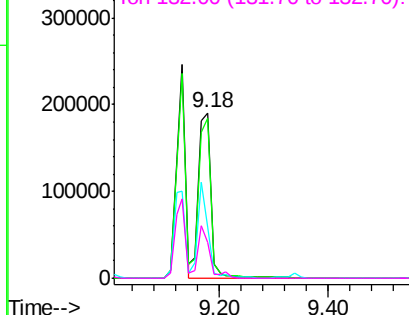
#43
 2,4,5-Trichlorophenol
 Concen: 80.13 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.0	115.4
97	31.3	31.9	47.9
132	21.9	20.3	30.5

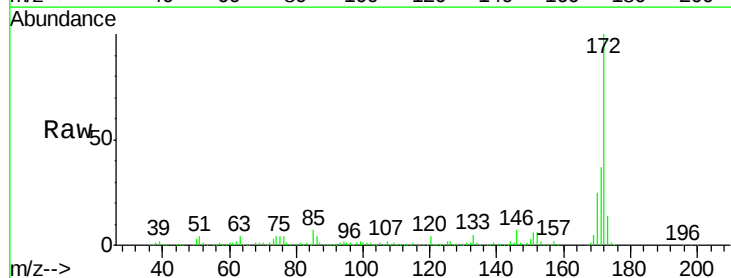


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

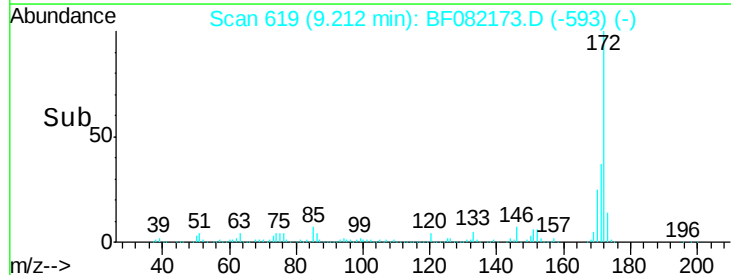
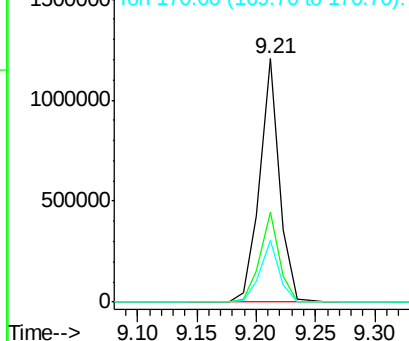


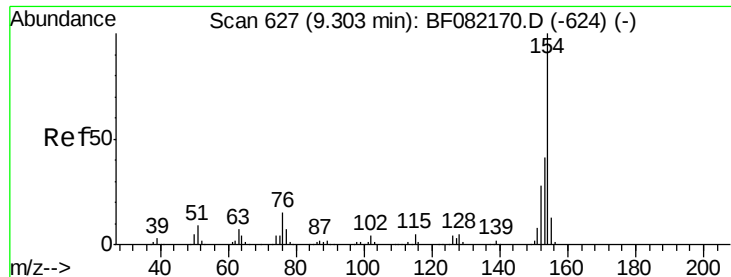
#44
 2-Fluorobiphenyl
 Concen: 129.56 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	25.4	19.7	29.5



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: 72.13 ng

RT: 9.31 min Scan# 628

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampled :

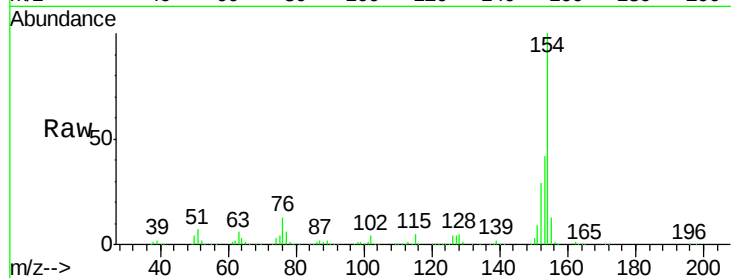
Tot Ion:154 Resp: 954487

Ion Ratio Lower Upper

154 100

153 41.5 20.6 60.6

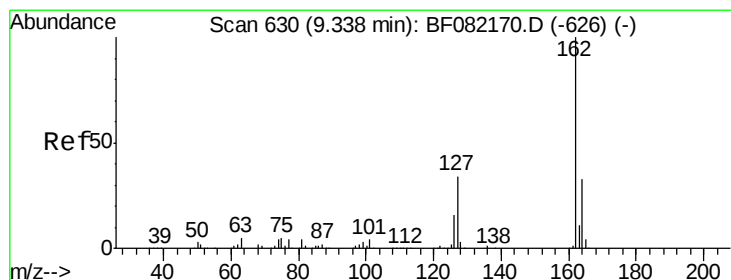
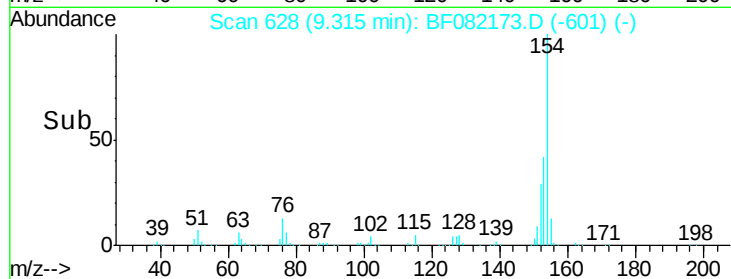
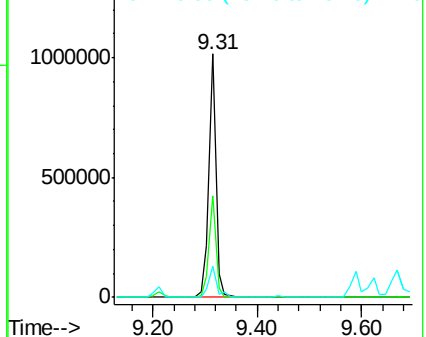
76 12.7 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 70.30 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

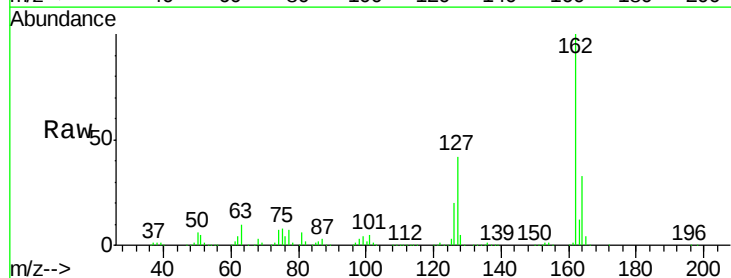
Tgt Ion:162 Resp: 731225

Ion Ratio Lower Upper

162 100

127 42.0 27.5 41.3#

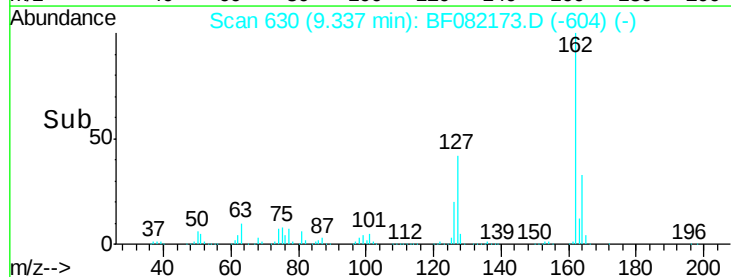
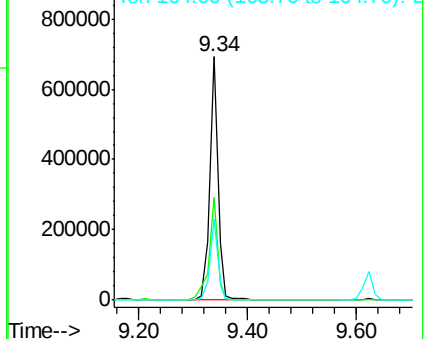
164 33.3 26.6 39.8

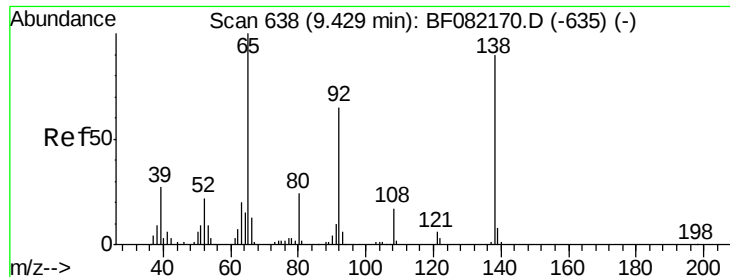


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

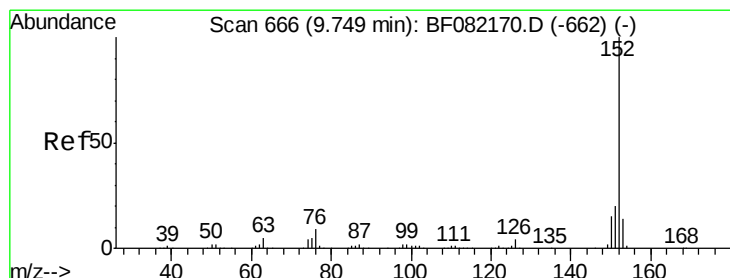
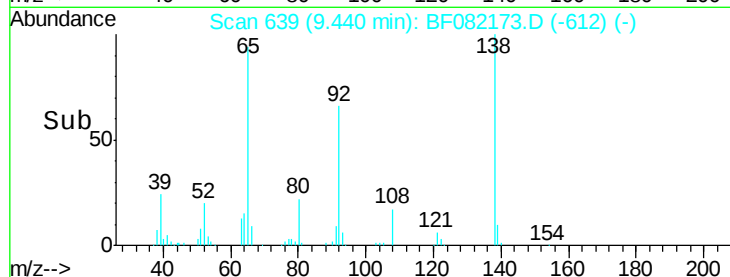
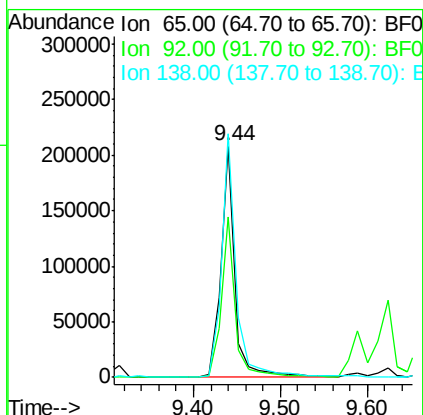
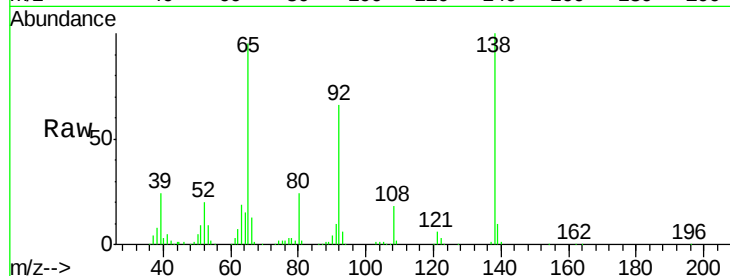




#47
2-Nitroaniline
Concen: 78.14 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

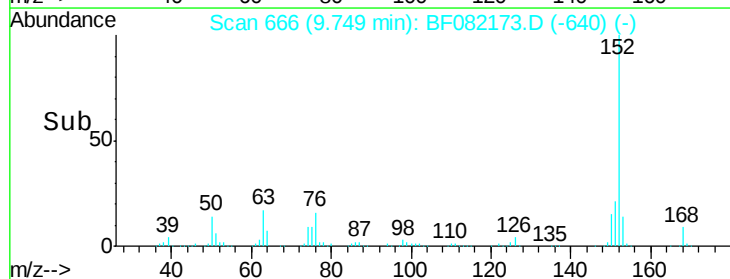
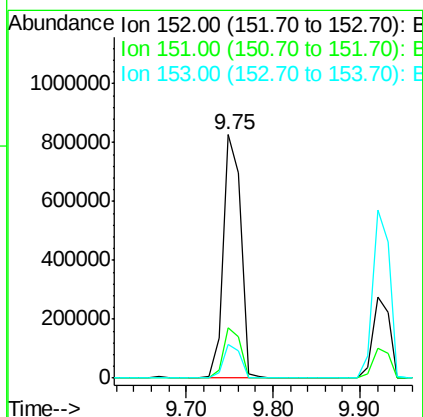
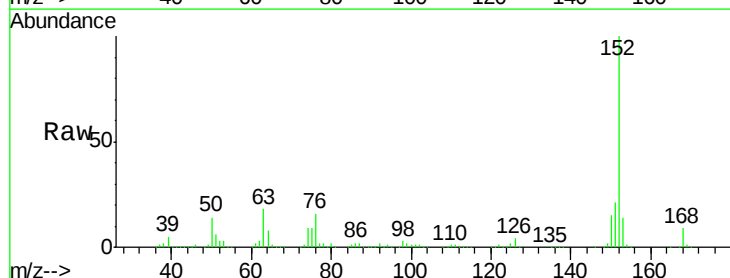
Instrument :
BNA_F
ClientSampled :

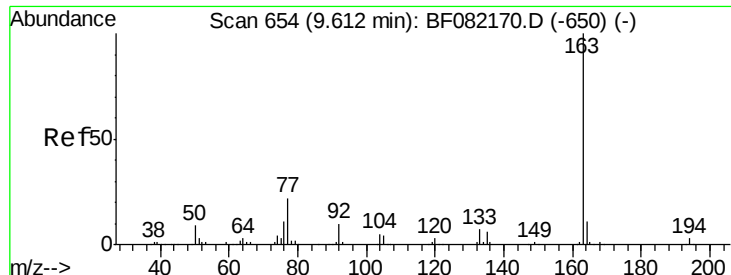
Tot Ion: 65 Resp: 238171
Ion Ratio Lower Upper
65 100
92 69.2 52.3 78.5
138 105.4 72.2 108.4



#48
Acenaphthylene
Concen: 69.72 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion: 152 Resp: 1167033
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.9 10.8 16.2

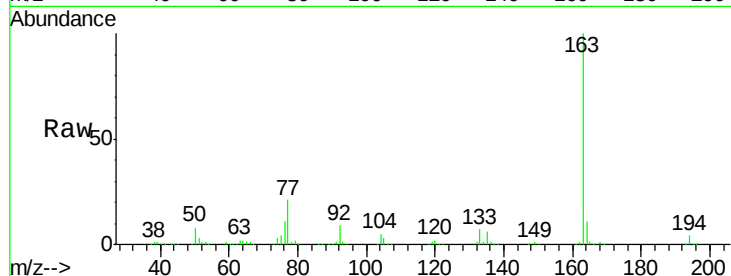




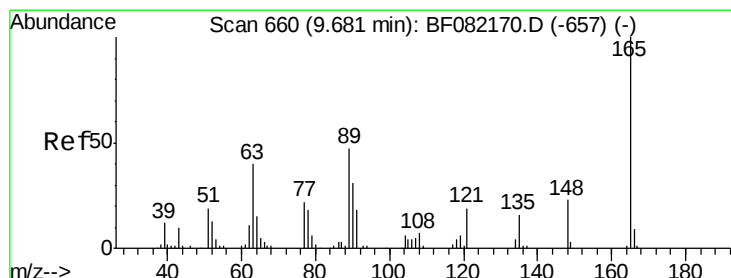
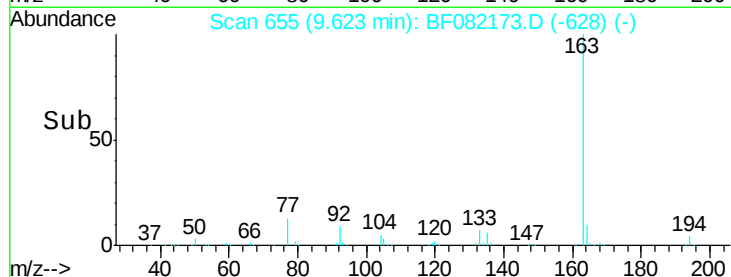
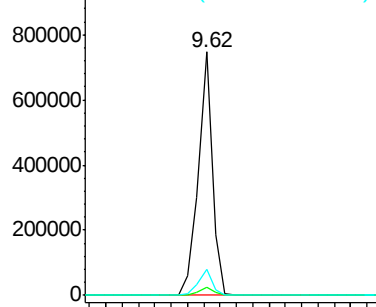
#49
Dimethylphthalate
Concen: 76.38 ng
RT: 9.62 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.8	8.5	12.7

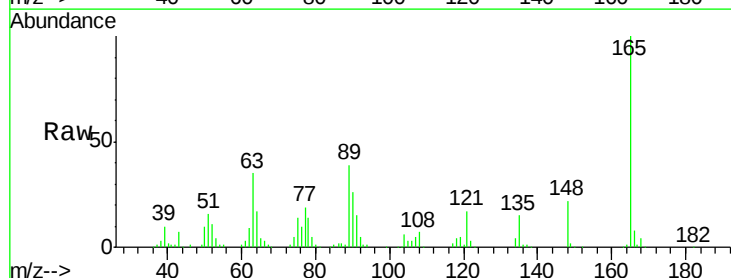


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

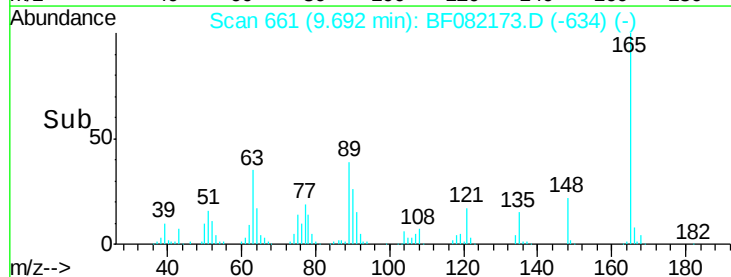
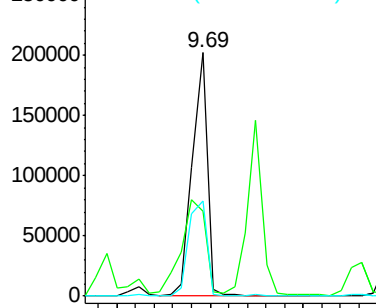


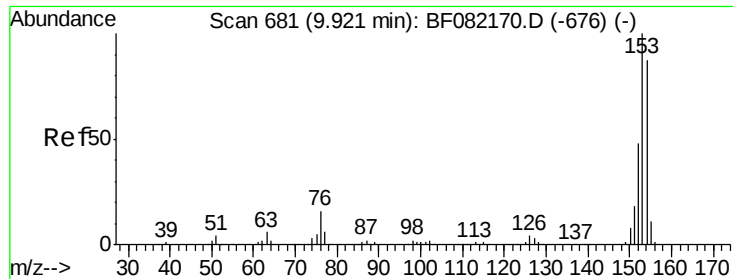
#50
2,6-Dinitrotoluene
Concen: 86.85 ng
RT: 9.69 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.0	36.7	55.1#
89	39.3	37.8	56.6



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: 70.22 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

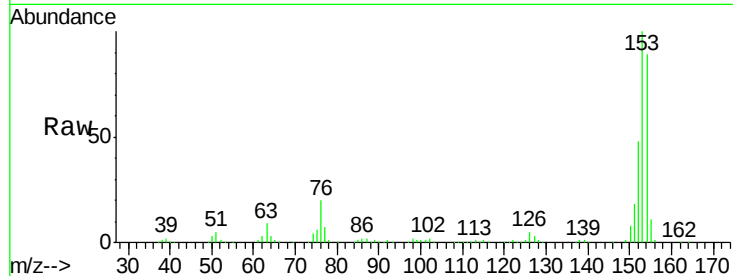
Tot Ion:154 Resp: 699322

Ion Ratio Lower Upper

154 100

153 112.2 91.4 137.2

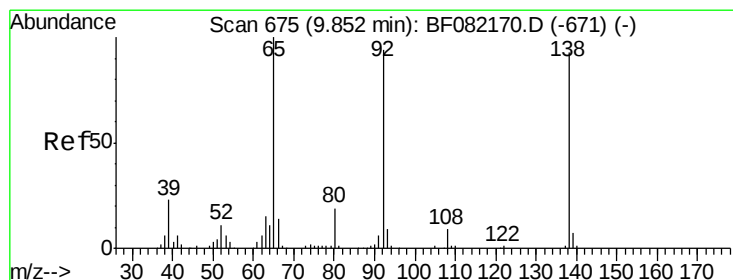
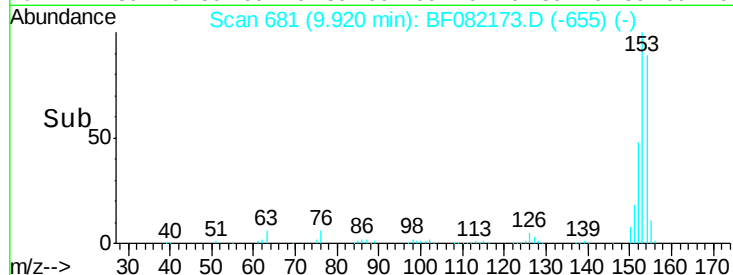
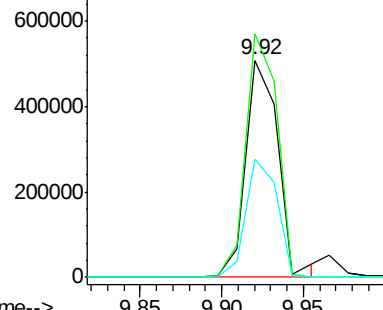
152 54.3 44.3 66.5



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: 81.87 ng

RT: 9.86 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

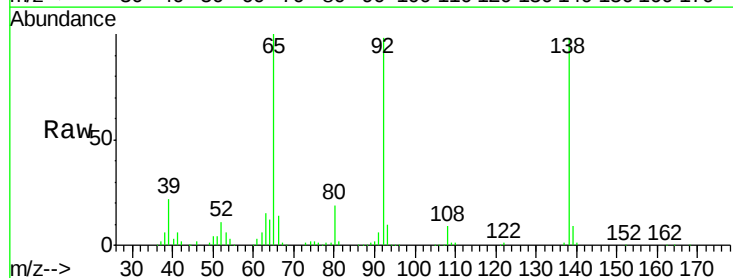
Tgt Ion:138 Resp: 243338

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

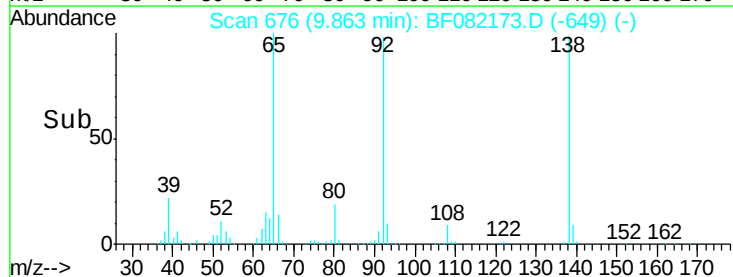
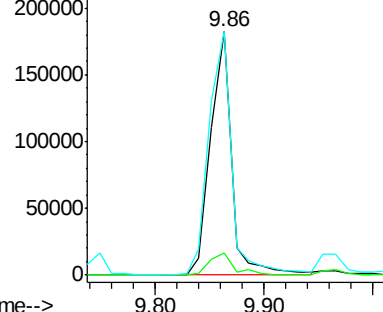
92 100.0 81.3 121.9



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

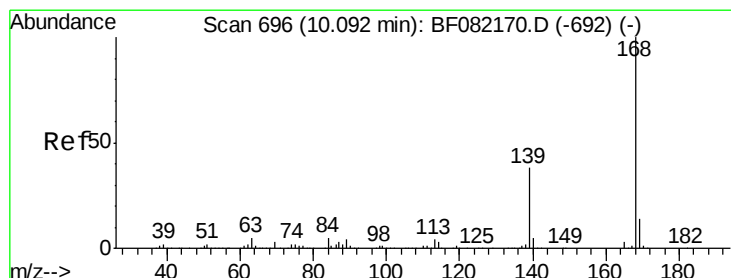
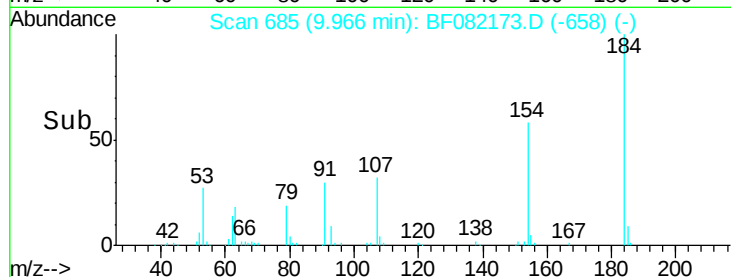
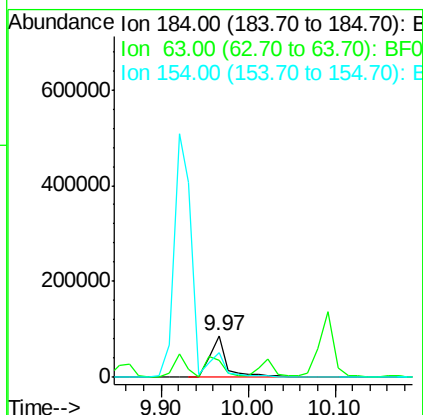
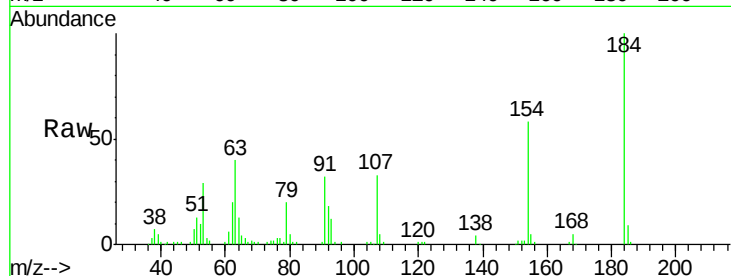




#53
2,4-Dinitrophenol
Concen: 123.23 ng
RT: 9.97 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

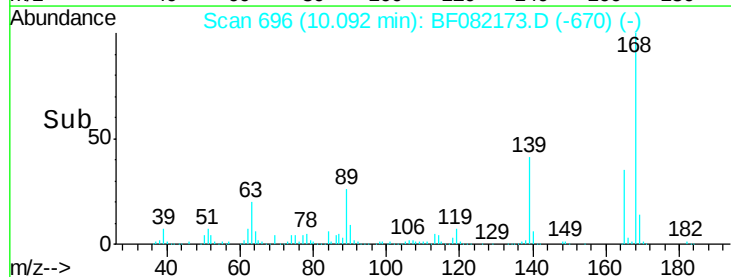
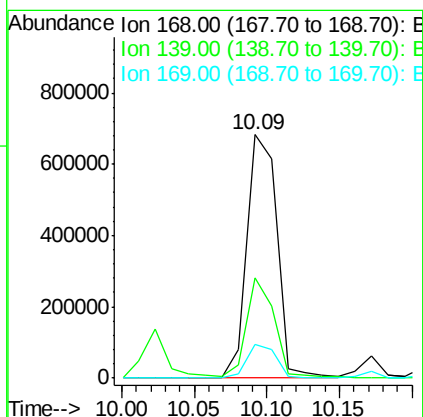
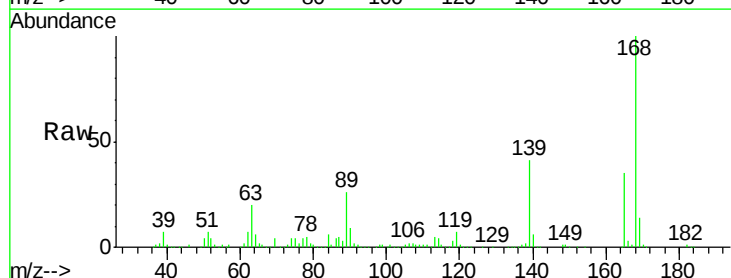
Instrument :
BNA_F
ClientSampleId :

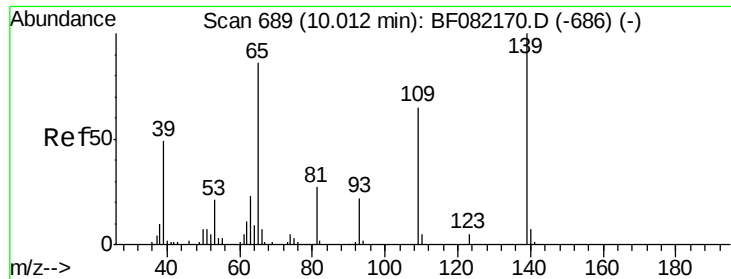
Tot Ion:184 Resp: 117467
Ion Ratio Lower Upper
184 100
63 40.5 45.1 67.7#
154 58.1 51.2 76.8



#54
Dibenzofuran
Concen: 69.80 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:168 Resp: 983165
Ion Ratio Lower Upper
168 100
139 41.0 31.0 46.6
169 13.8 10.9 16.3

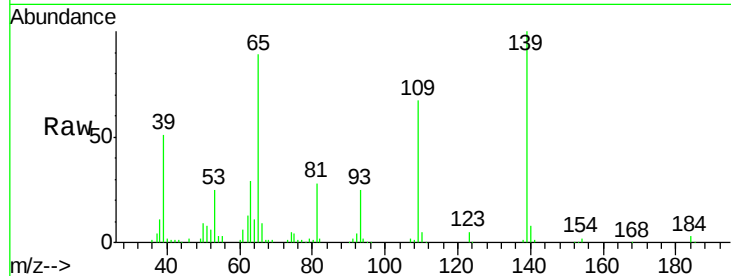




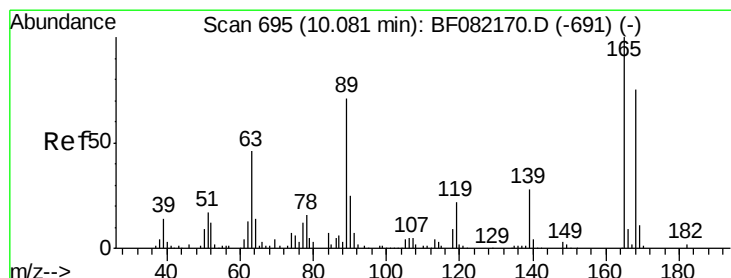
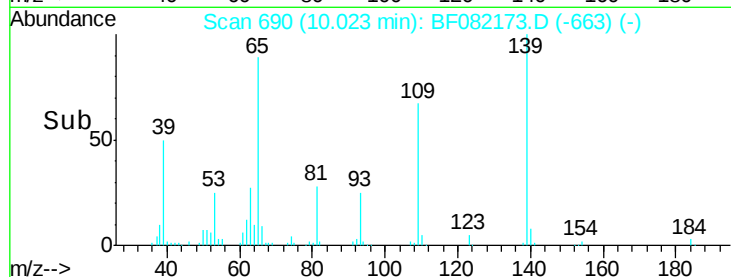
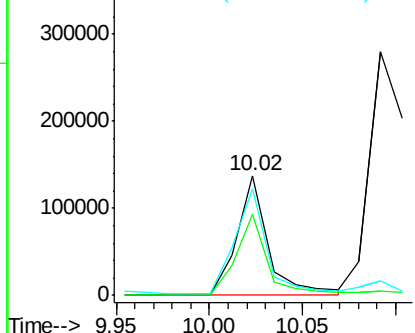
#55
4-Nitrophenol
Concen: 77.84 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 163016
Ion Ratio Lower Upper
139 100
109 67.3 44.8 84.8
65 89.5 67.7 107.7

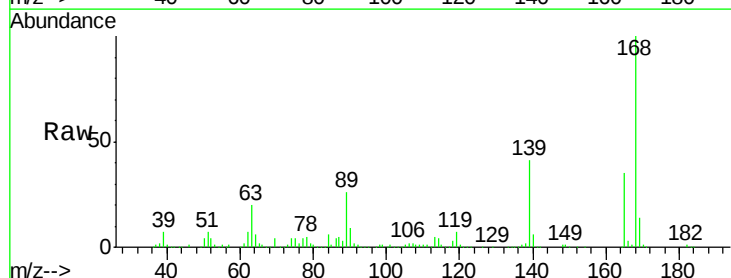


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

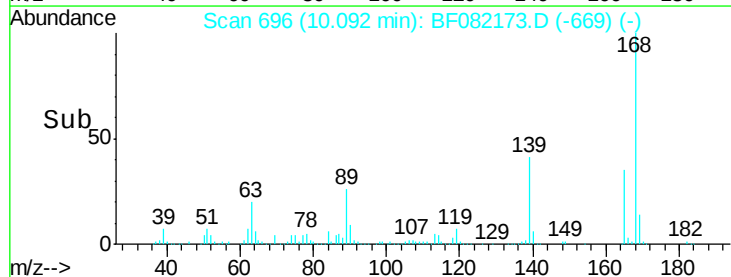
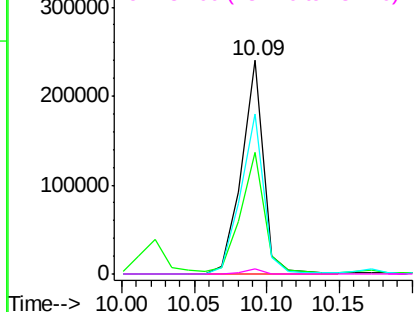


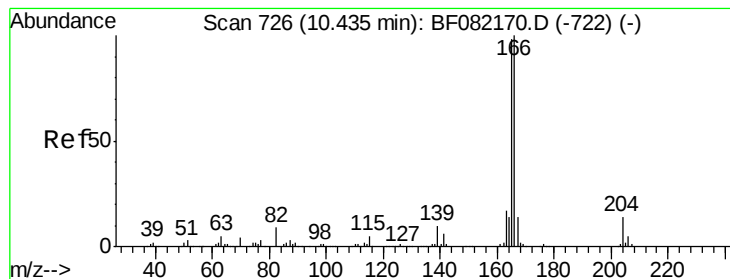
#56
2,4-Dinitrotoluene
Concen: 77.52 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:165 Resp: 255171
Ion Ratio Lower Upper
165 100
63 56.8 38.6 58.0
89 75.1 57.0 85.6
182 2.3 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 68.91 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

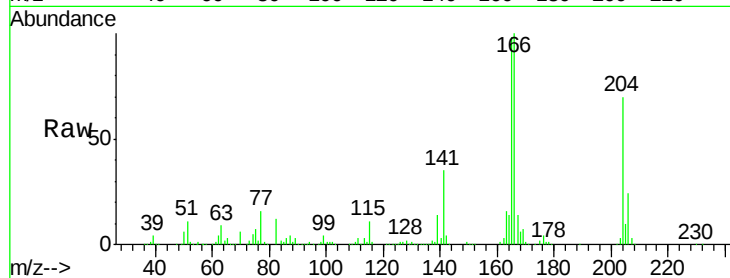
Tot Ion:166 Resp: 771078

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

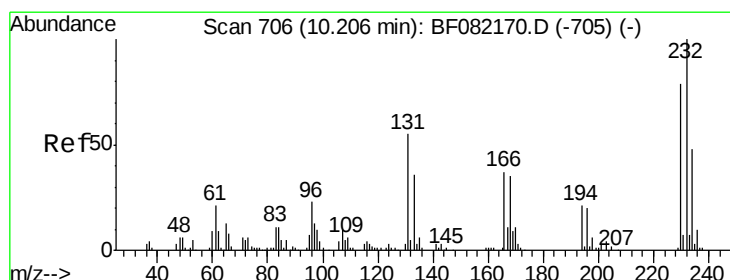
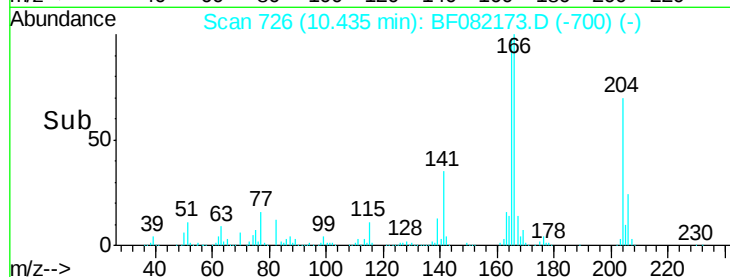
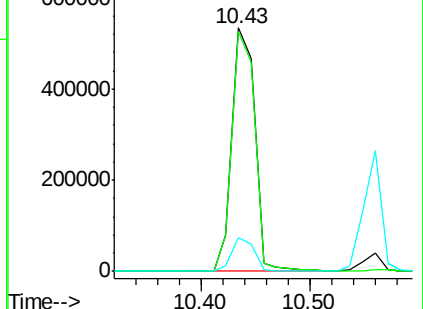
167 14.1 10.8 16.2



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: 83.08 ng

RT: 10.22 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Tgt Ion:232 Resp: 244751

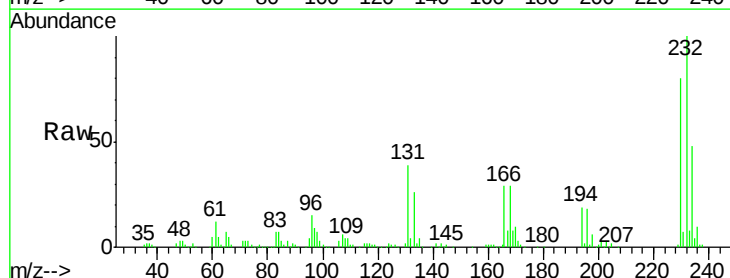
Ion Ratio Lower Upper

232 100

131 43.8 36.6 54.8

130 2.0 1.5 2.3

166 29.7 24.6 37.0

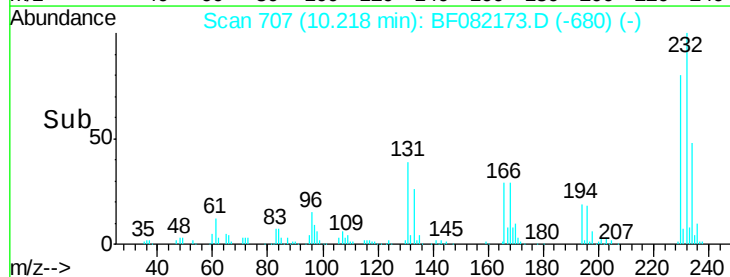
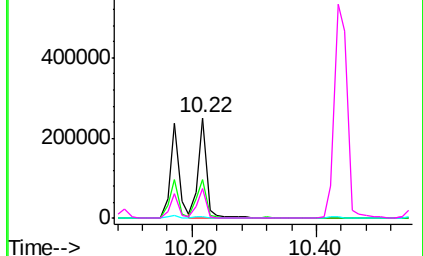


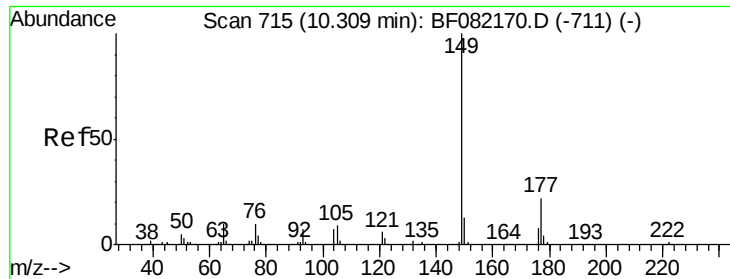
Abundance Ion 232.00 (231.70 to 232.70): E

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

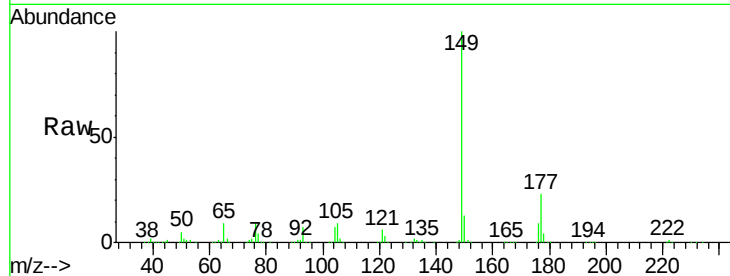




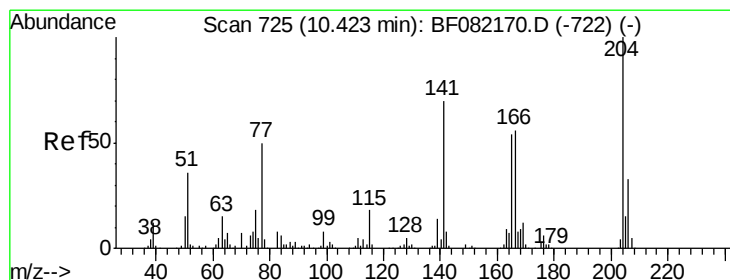
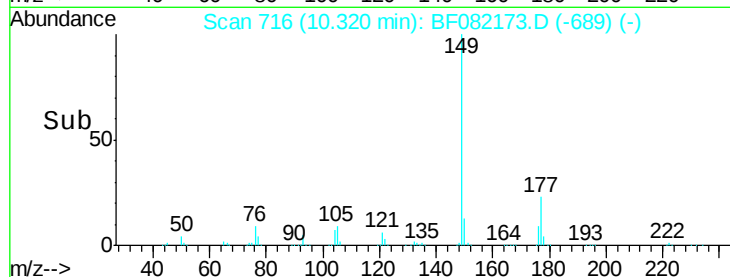
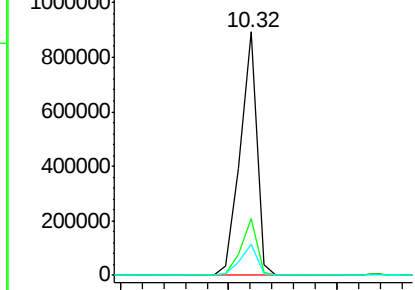
#59
Diethylphthalate
Concen: 84.35 ng
RT: 10.32 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 936938
Ion Ratio Lower Upper
149 100
177 23.2 17.6 26.4
150 13.0 10.3 15.5

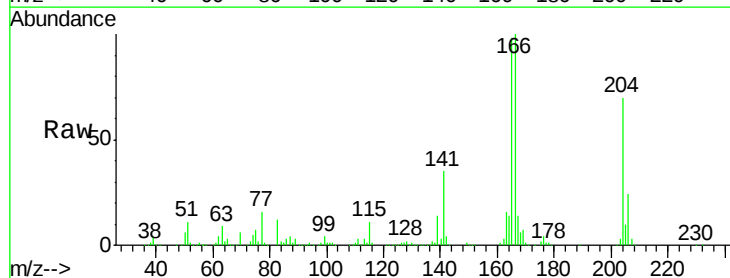


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

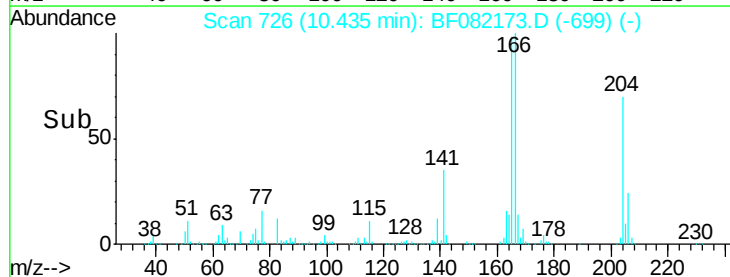
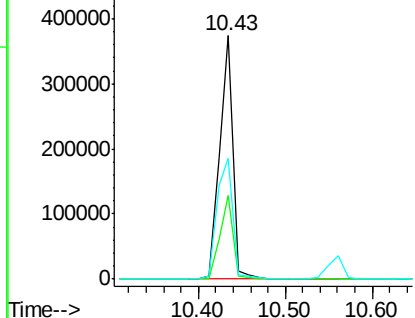


#60
4-Chlorophenyl-phenylether
Concen: 79.32 ng
RT: 10.43 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:204 Resp: 406848
Ion Ratio Lower Upper
204 100
206 34.5 26.8 40.2
141 49.4 56.1 84.1#



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: 76.07 ng

RT: 10.48 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

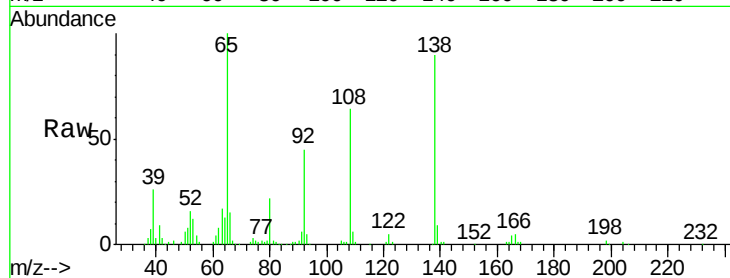
Tot Ion:138 Resp: 228874

Ion Ratio Lower Upper

138 100

92 50.1 26.8 66.8

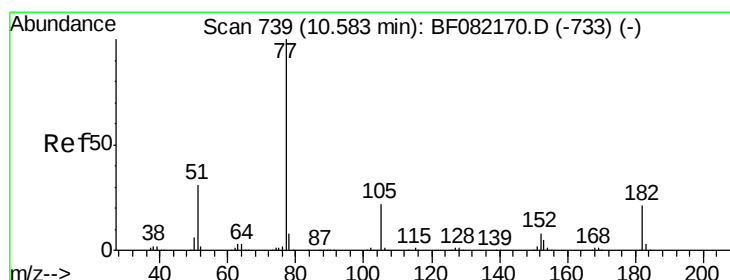
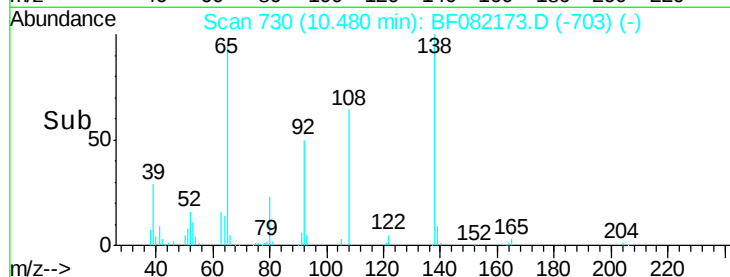
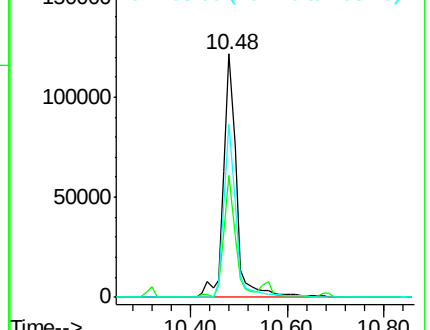
108 71.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 81.87 ng

RT: 10.59 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Tgt Ion: 77 Resp: 887237

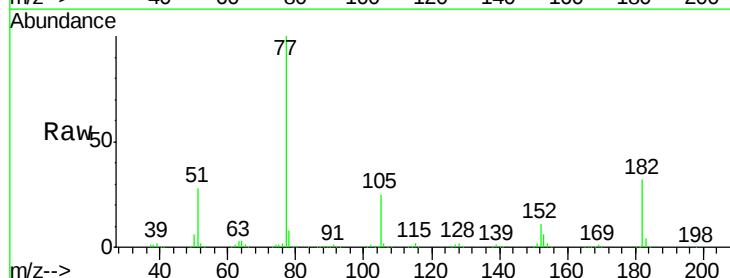
Ion Ratio Lower Upper

77 100

182 32.0 0.5 40.5

105 25.1 1.8 41.8

51 28.3 11.2 51.2

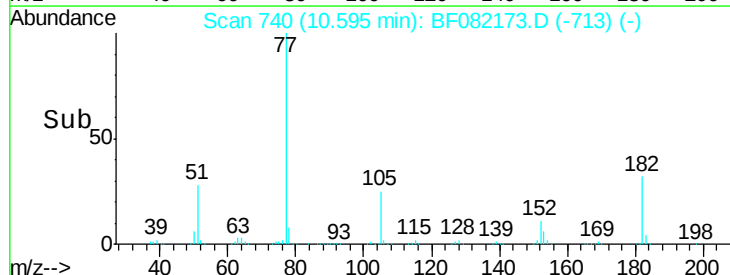
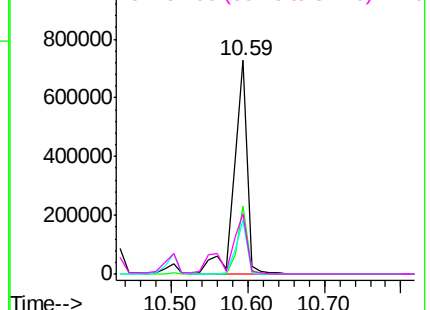


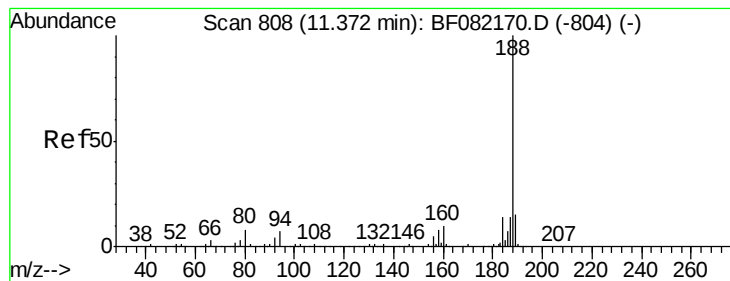
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

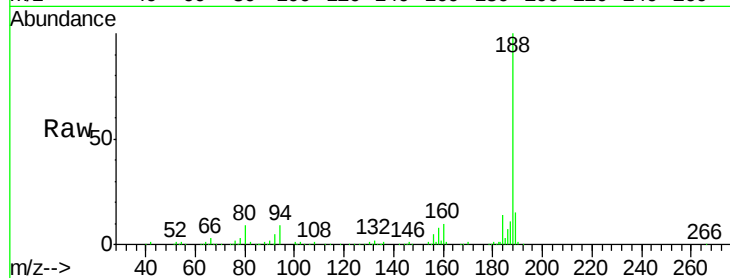
Tot Ion:188 Resp: 331493

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

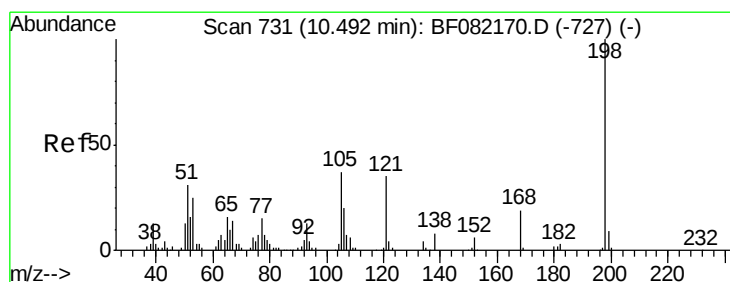
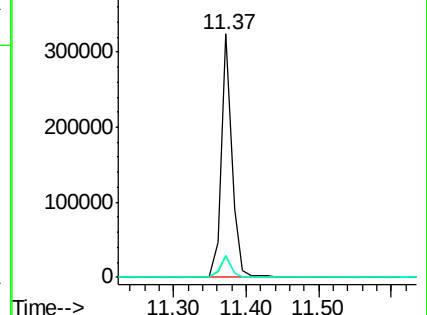
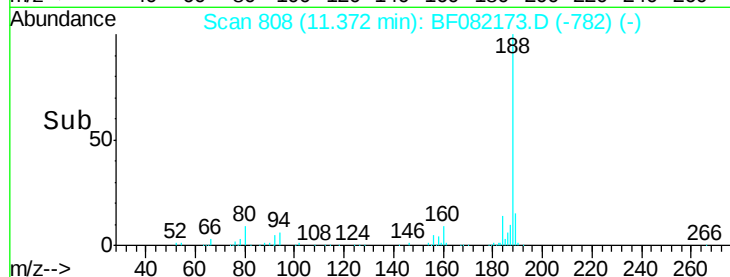
80 9.2 6.4 9.6



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: 108.02 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

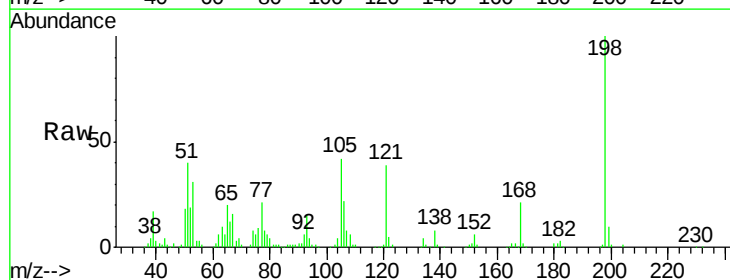
Tgt Ion:198 Resp: 165099

Ion Ratio Lower Upper

198 100

51 40.2 13.6 53.6

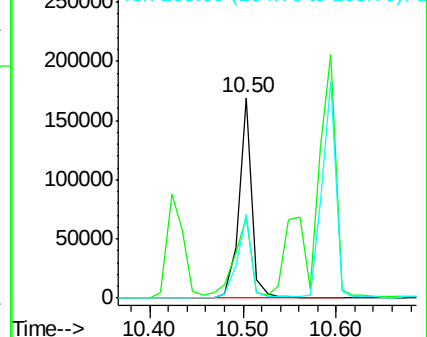
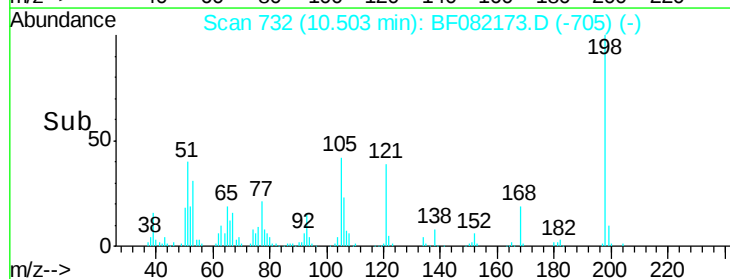
105 42.0 17.1 57.1

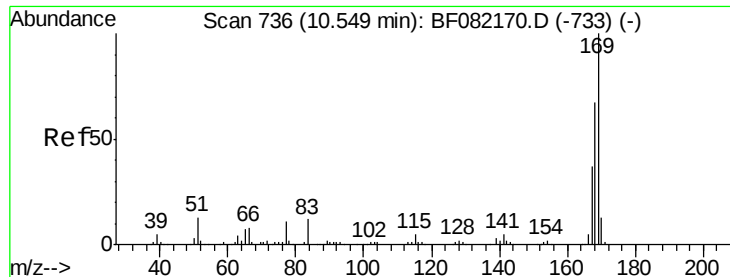


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

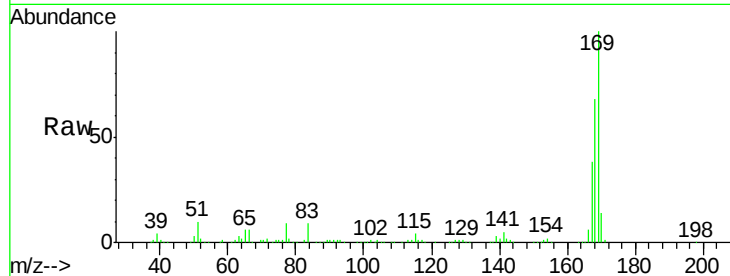




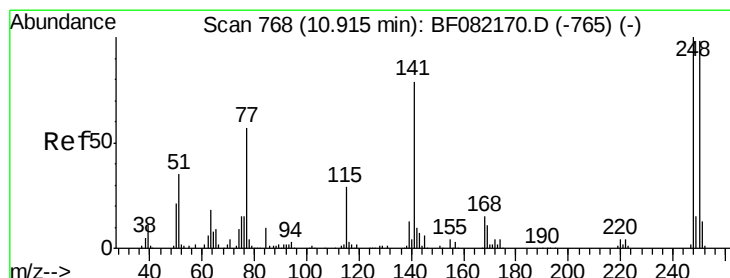
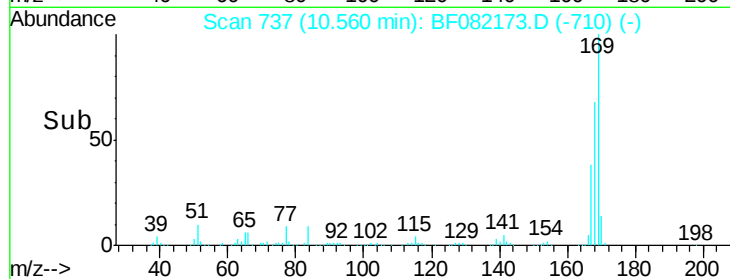
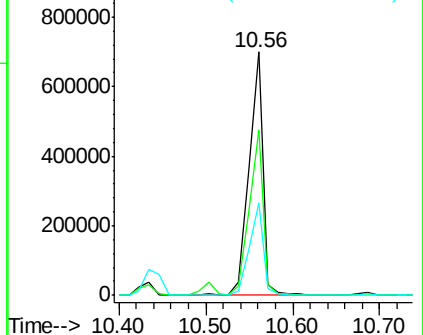
#65
 n-Nitrosodiphenylamine
 Concen: 78.73 ng
 RT: 10.56 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 788892
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.0 81.0
 167 37.8 29.6 44.4

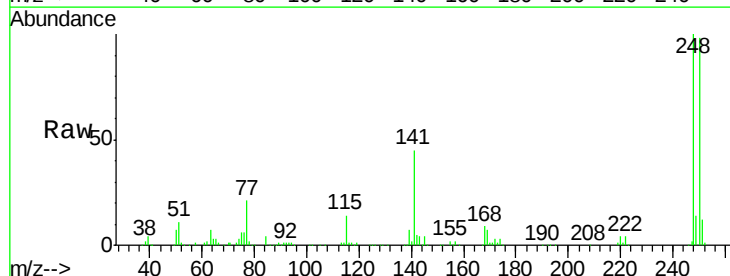


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

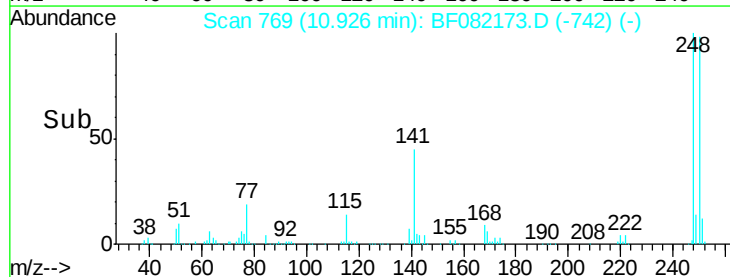
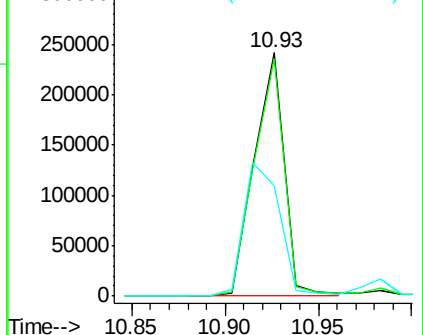


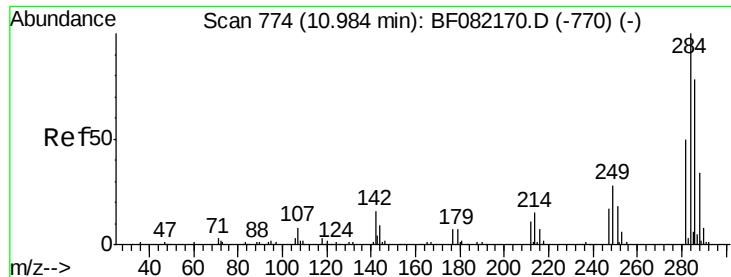
#66
 4-Bromophenyl-phenylether
 Concen: 79.83 ng
 RT: 10.93 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:248 Resp: 267008
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.6 117.8
 141 45.2 63.3 94.9#



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

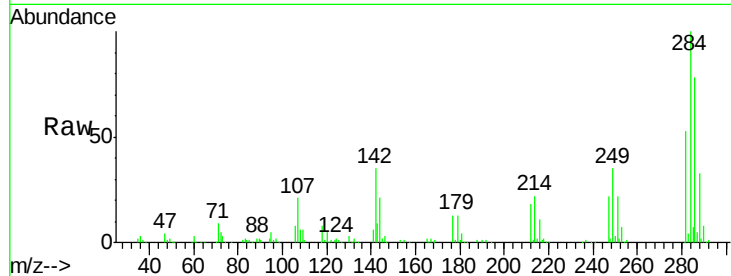




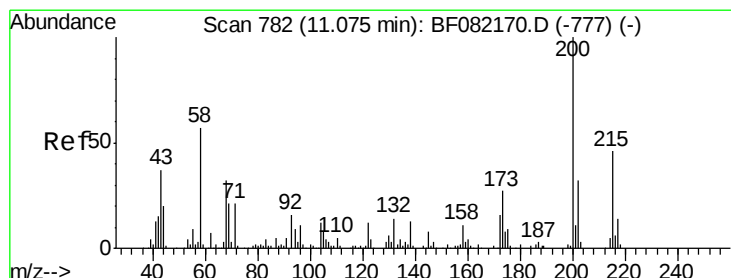
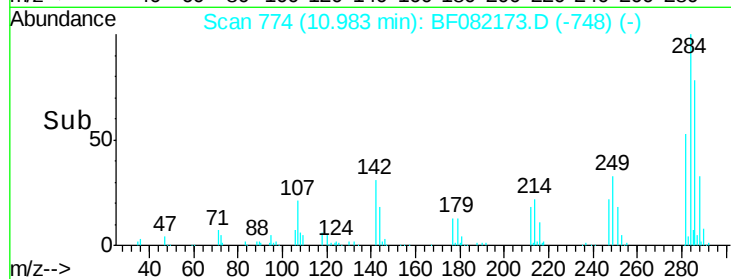
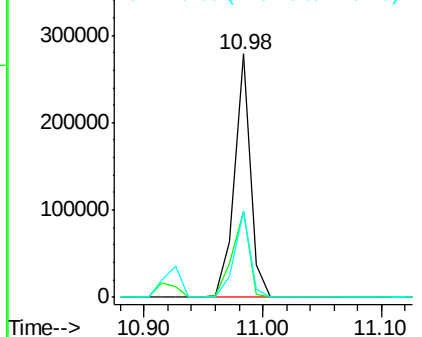
#67
Hexachlorobenzene
Concen: 70.43 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	13.0	19.6#
249	35.3	22.5	33.7#

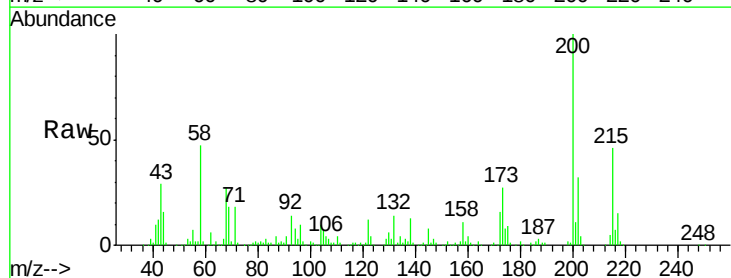


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

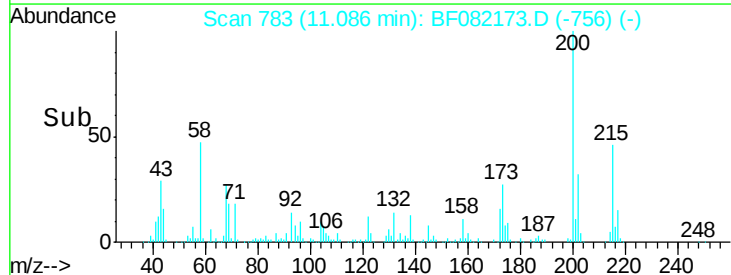
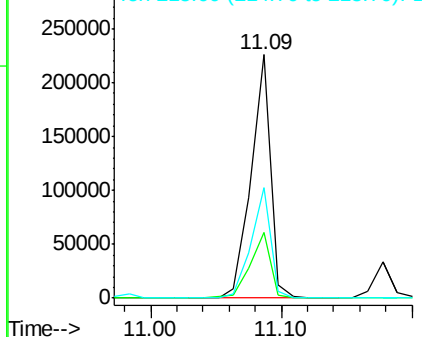


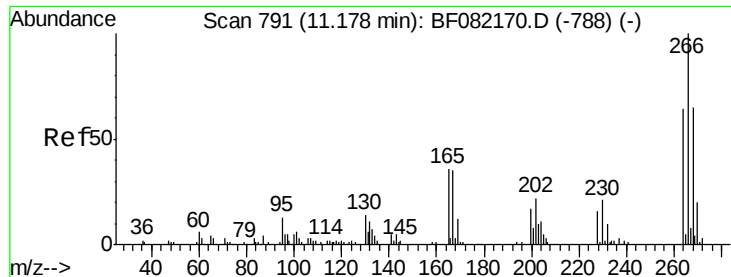
#68
Atrazine
Concen: 76.27 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.3	47.3
215	45.6	26.2	66.2



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

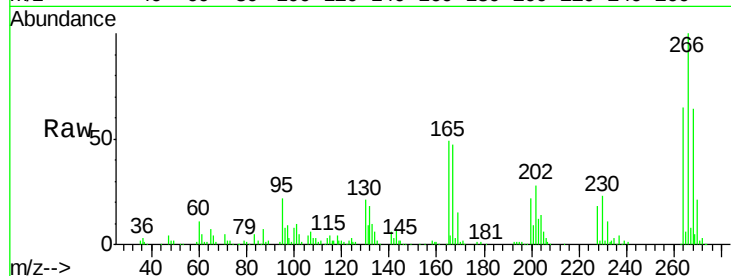




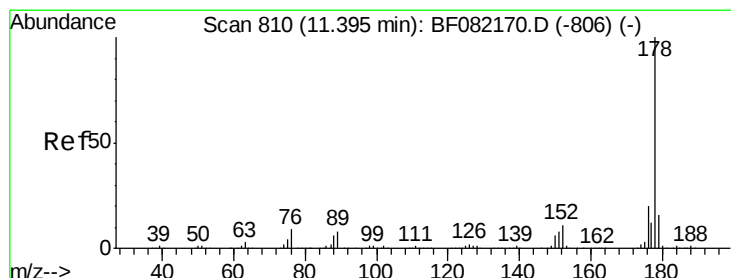
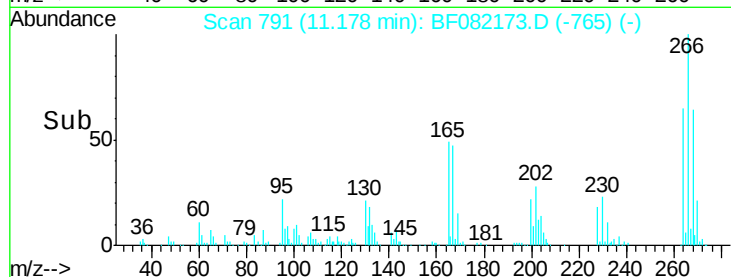
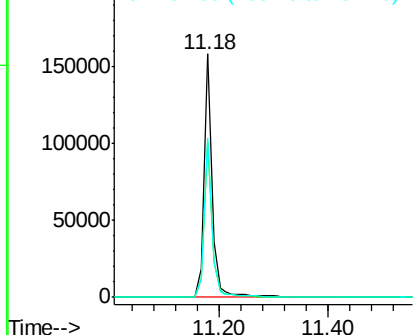
#69
 Pentachlorophenol
 Concen: 76.46 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 162209
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.0 78.0
 264 65.2 51.4 77.0

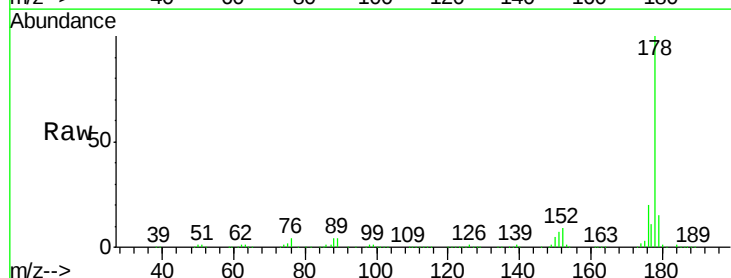


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

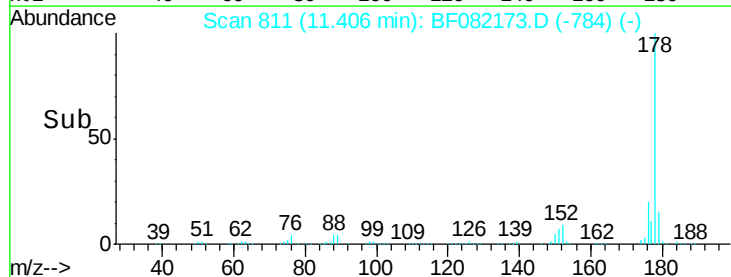
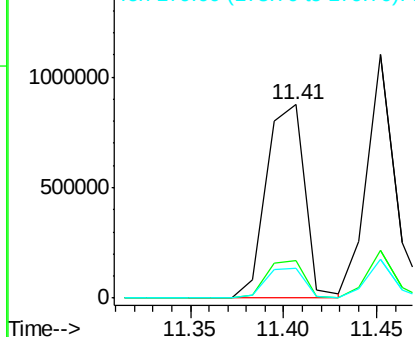


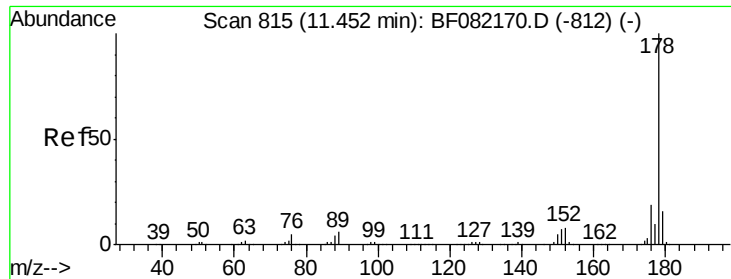
#70
 Phenanthrene
 Concen: 71.59 ng
 RT: 11.41 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:178 Resp: 1242227
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.4 12.6 19.0



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

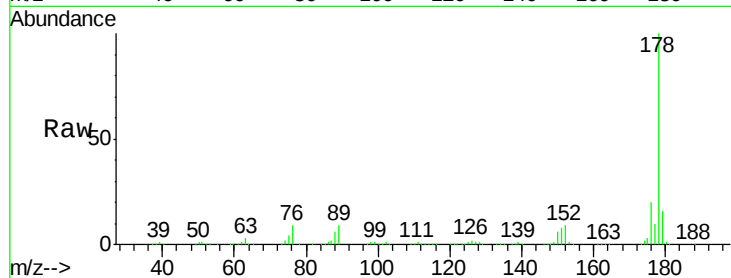




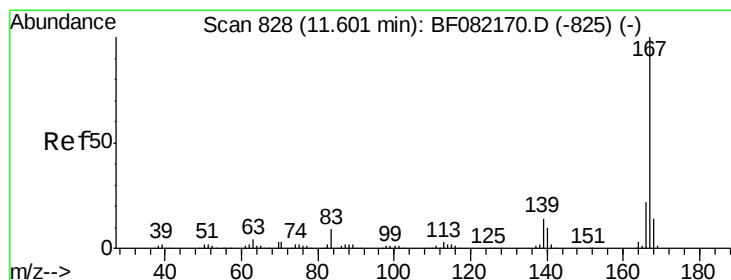
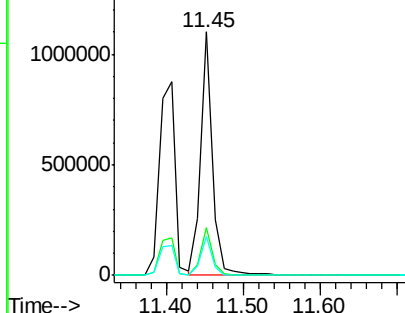
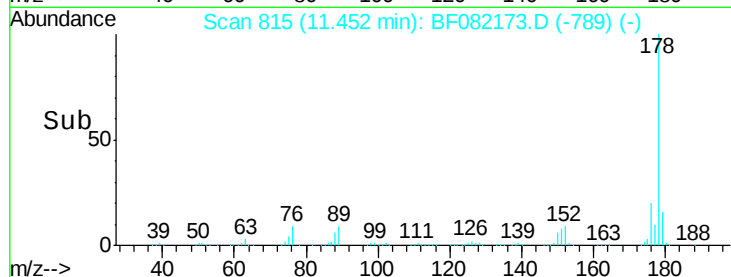
#71
 Anthracene
 Concen: 68.44 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1163011
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 16.1 12.5 18.7

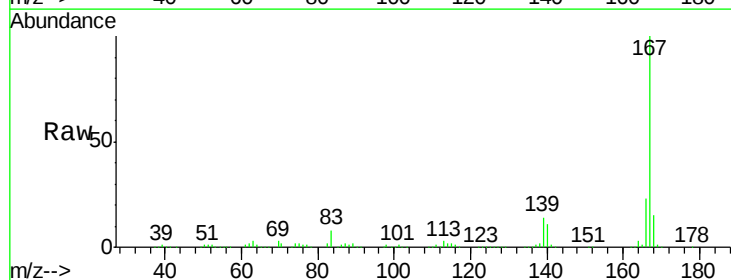


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

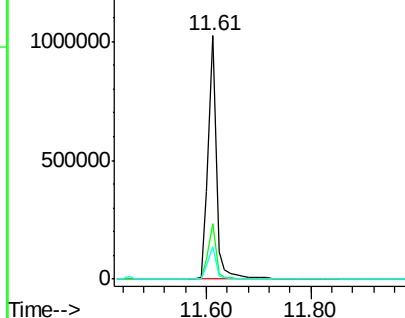
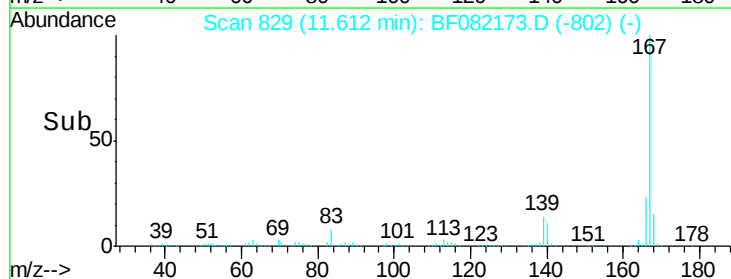


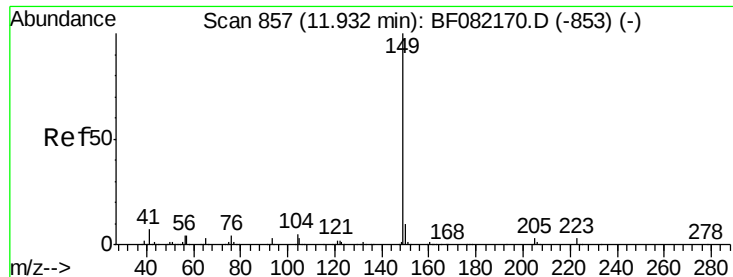
#72
 Carbazole
 Concen: 74.63 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:167 Resp: 1134409
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.3 25.9
 139 13.6 11.2 16.8



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: 75.87 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampled :

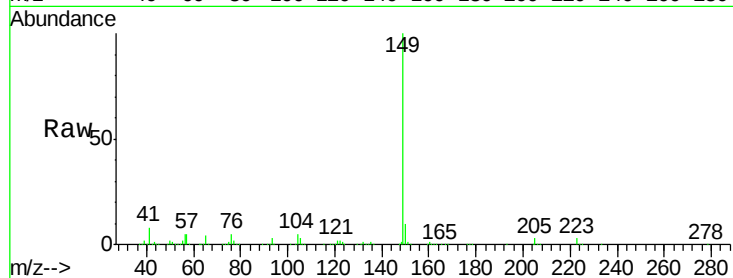
Tot Ion:149 Resp: 1318243

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

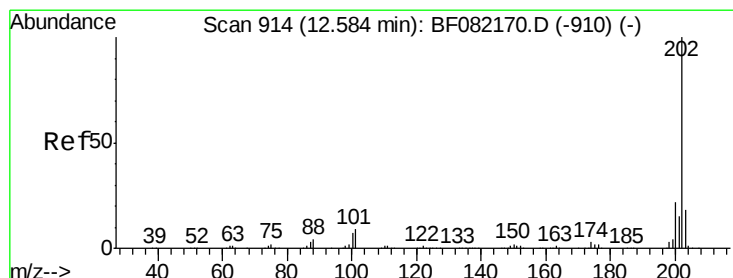
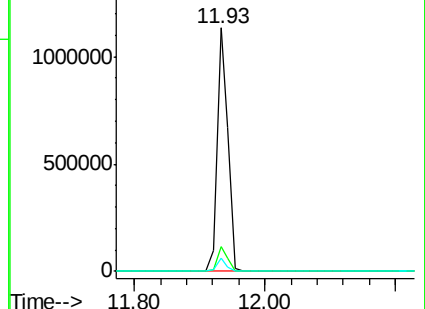
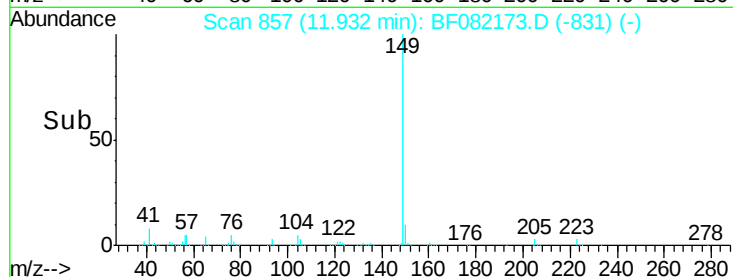
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 70.23 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

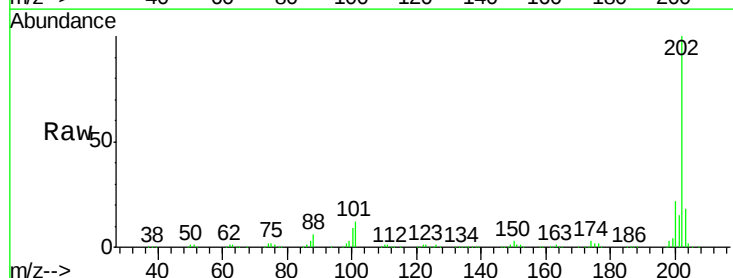
Tgt Ion:202 Resp: 1261814

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.3

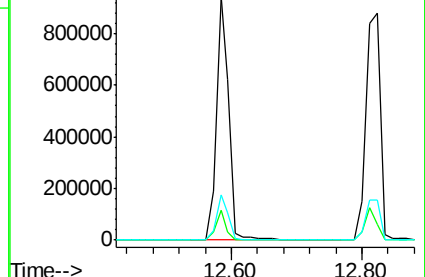
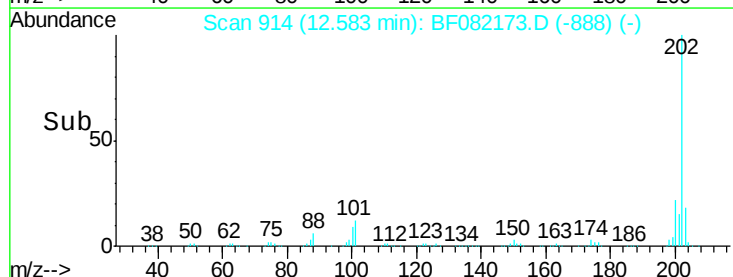
203 18.4 0.0 37.8

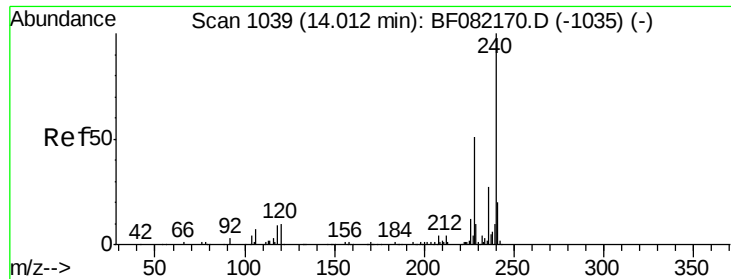


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

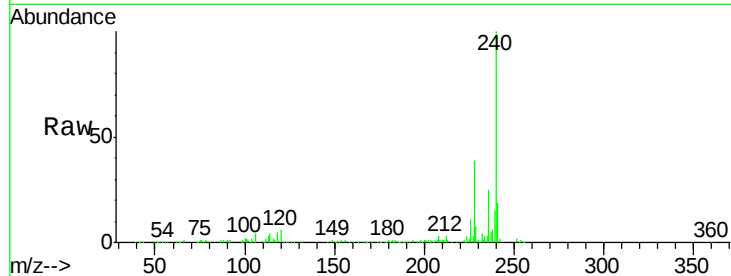
Tot Ion:240 Resp: 253799

Ion Ratio Lower Upper

240 100

120 5.9 8.1 12.1#

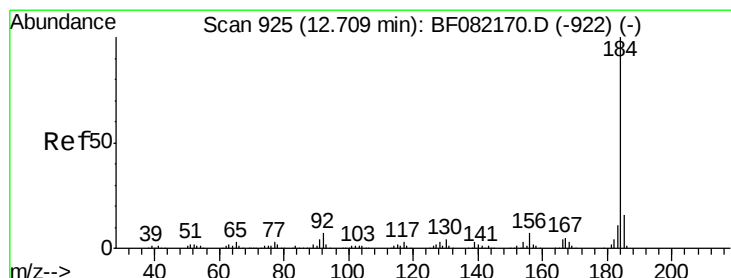
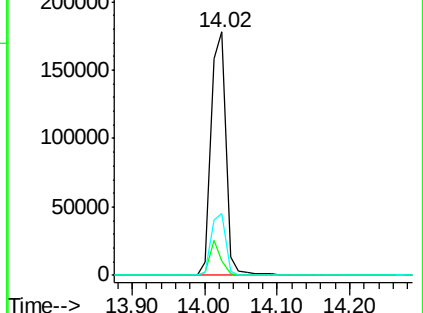
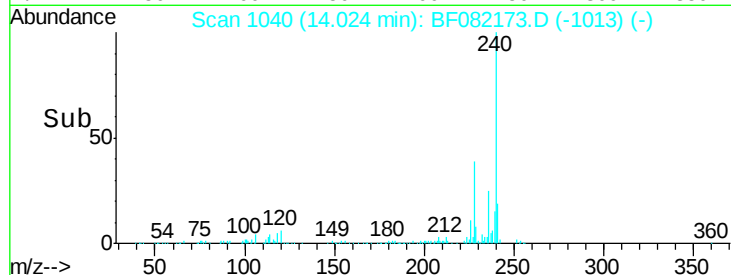
236 25.2 21.3 31.9



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: 73.22 ng

RT: 12.72 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

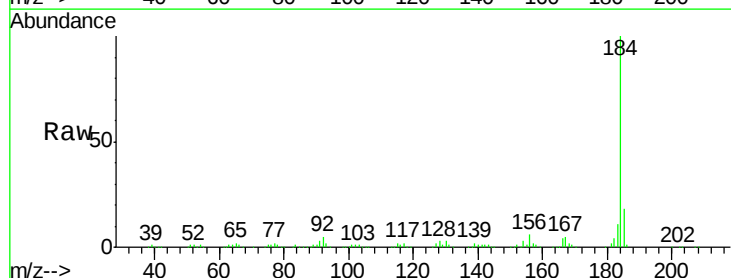
Tgt Ion:184 Resp: 550095

Ion Ratio Lower Upper

184 100

185 17.5 12.5 18.7

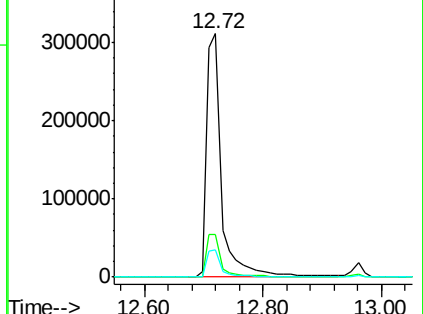
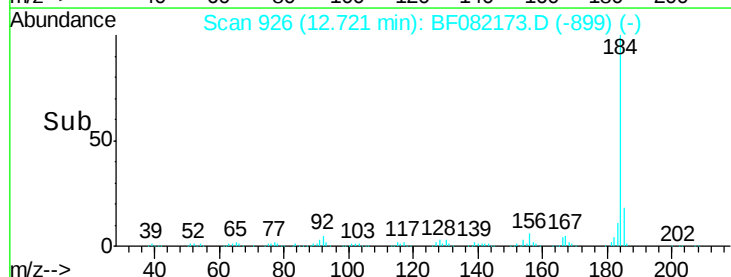
183 11.5 9.1 13.7

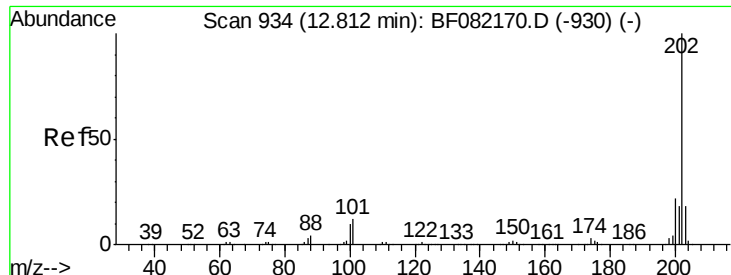


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

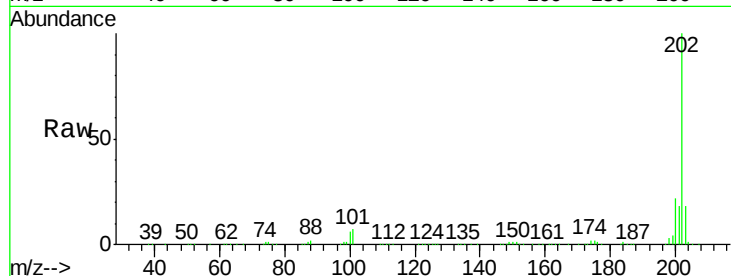




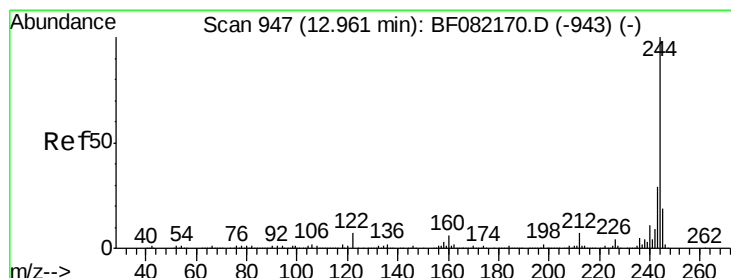
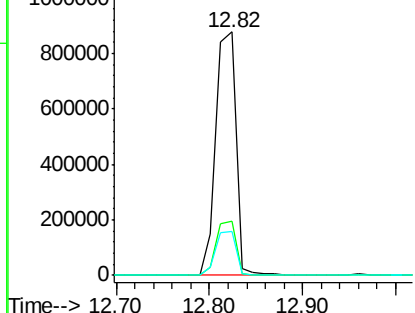
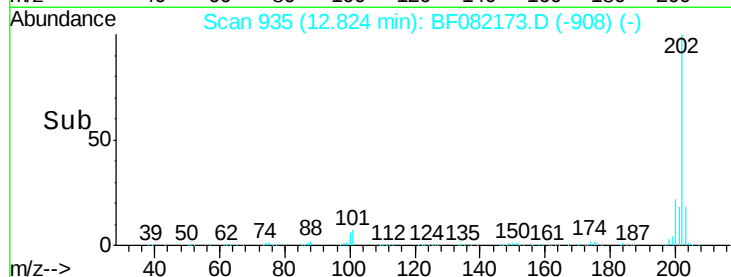
#77
Pvrene
Concen: 87.72 ng
RT: 12.82 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1311806
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 17.9 14.5 21.7

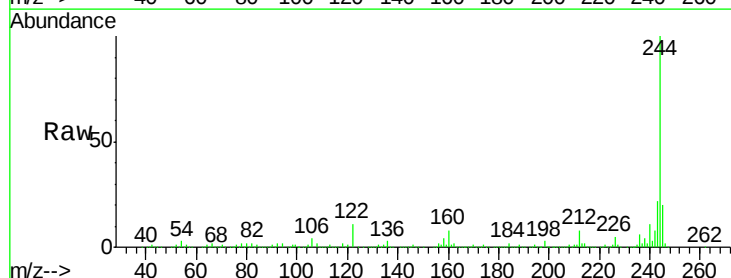


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

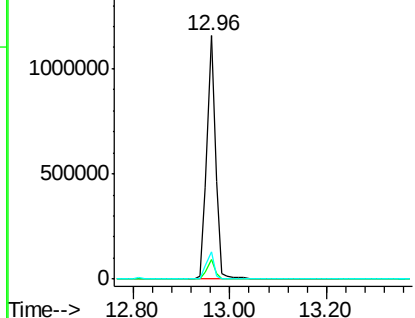
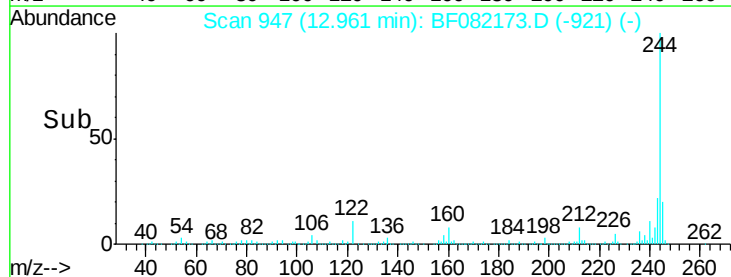


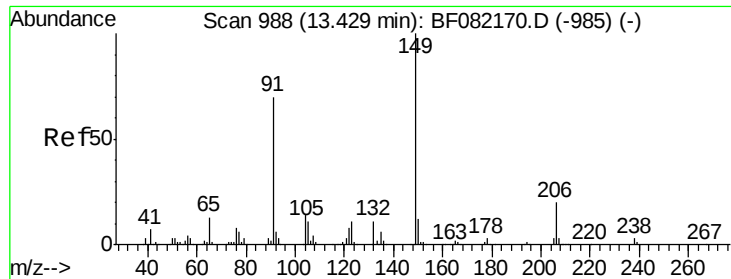
#78
Terphenyl-d14
Concen: 163.34 ng
RT: 12.96 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:244 Resp: 1481023
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 11.5 5.9 8.9#



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

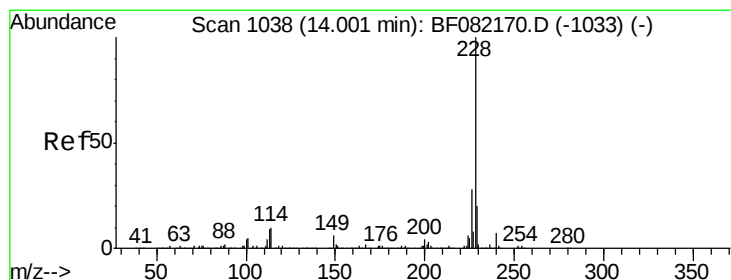
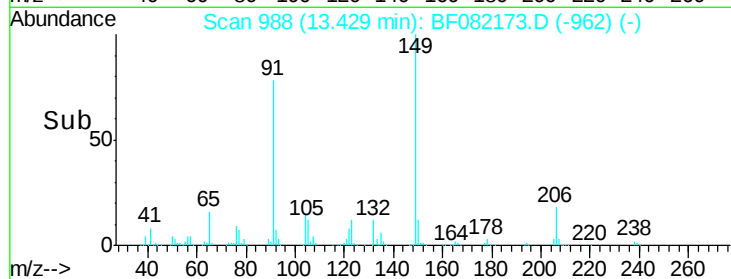
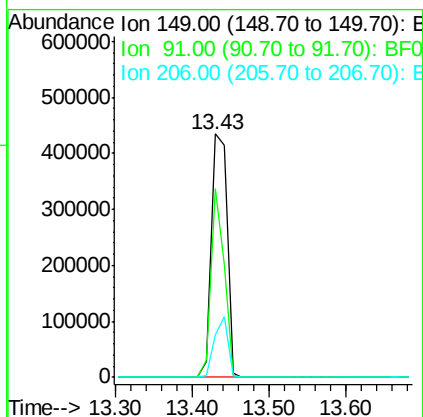
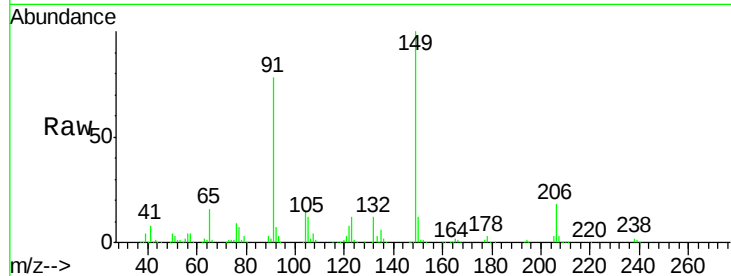




#79
Butylbenzylphthalate
Concen: 106.52 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

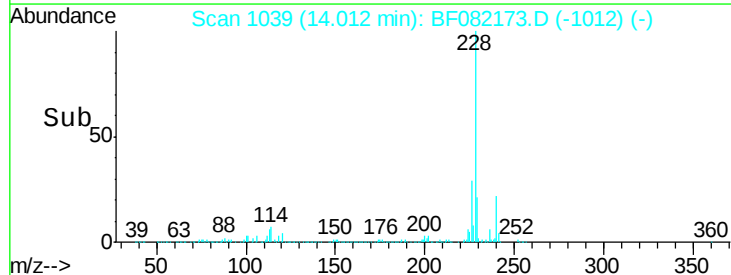
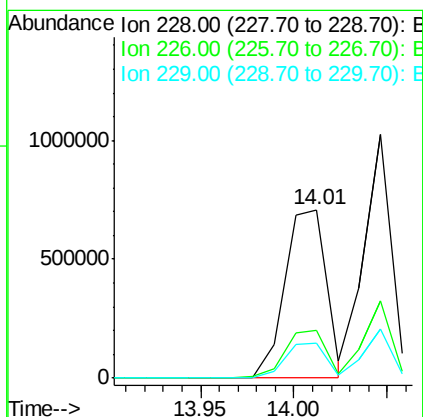
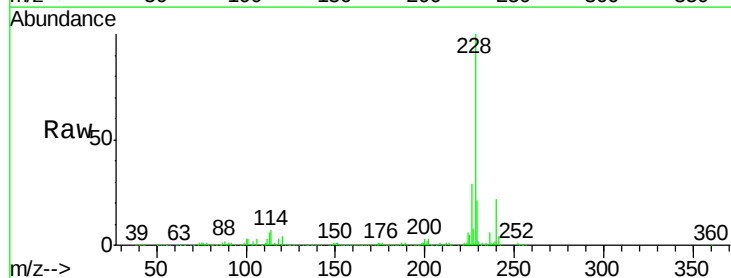
Instrument :
BNA_F
ClientSampleId :

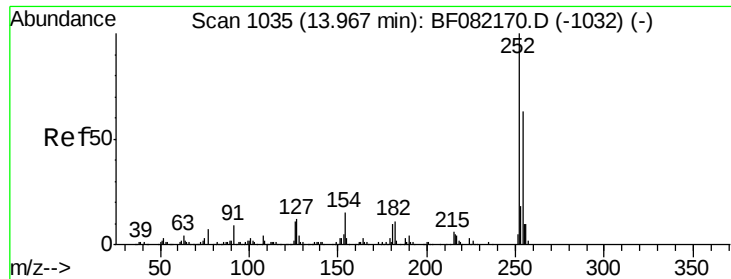
Tot Ion:149 Resp: 613519
Ion Ratio Lower Upper
149 100
91 77.6 55.7 83.5
206 17.7 15.6 23.4



#80
Benzo(a)anthracene
Concen: 81.40 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:228 Resp: 1102971
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 20.7 16.2 24.2

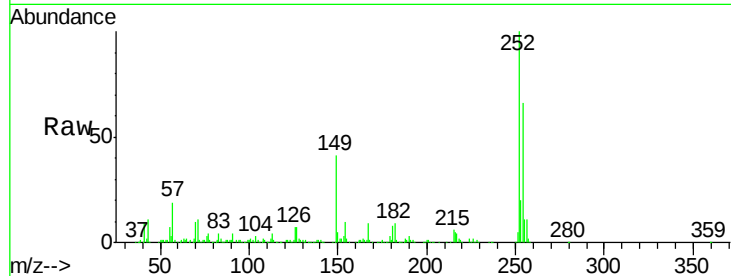




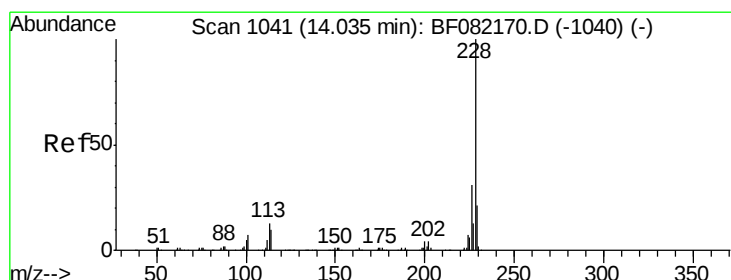
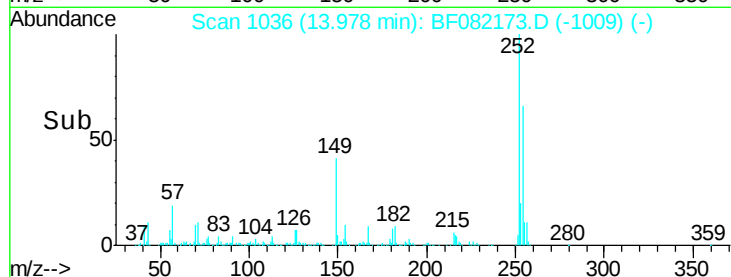
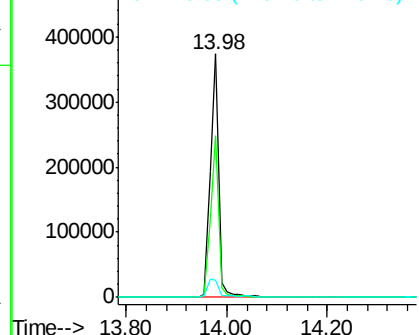
#81
 3,3'-Dichlorobenzidine
 Concen: 93.22 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 429405
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.7 76.1
 126 6.8 9.0 13.6#

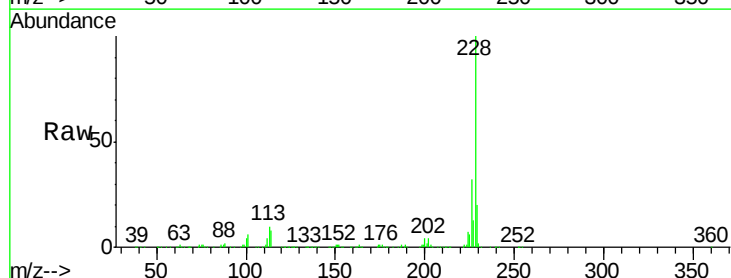


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

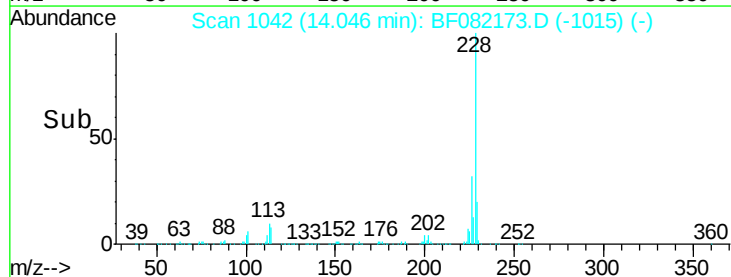
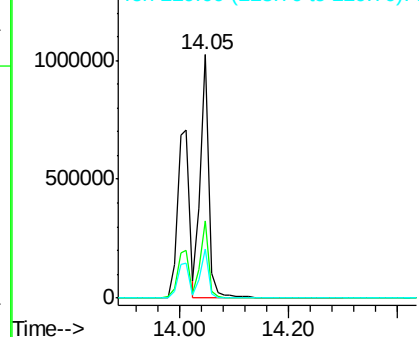


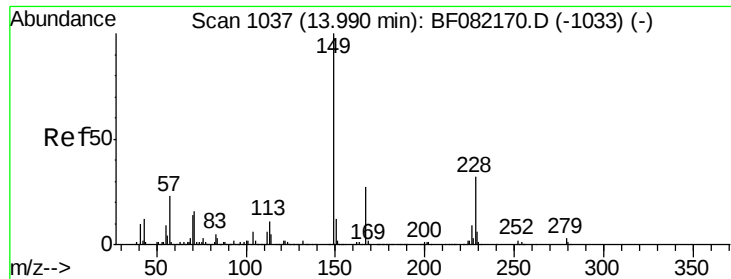
#82
 Chrysene
 Concen: 83.97 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:228 Resp: 1090271
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.4 36.6
 229 20.4 16.3 24.5



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

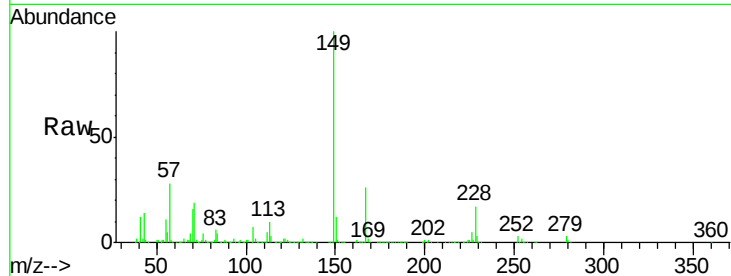




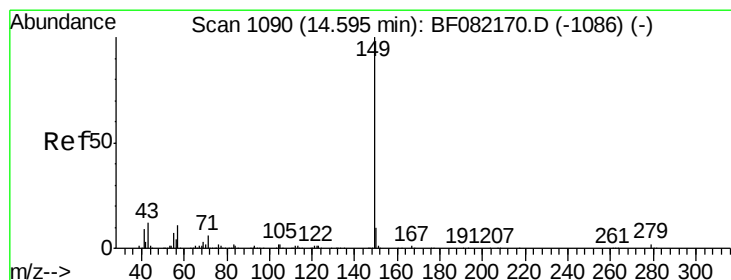
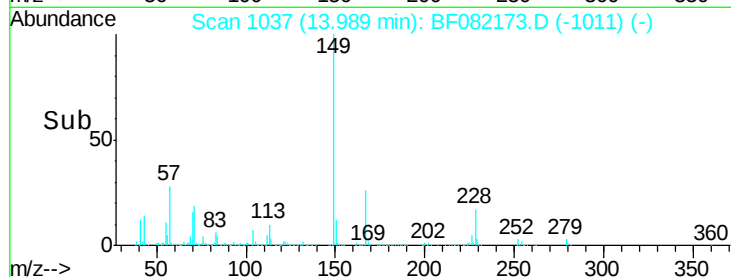
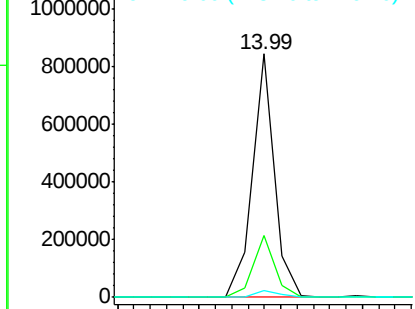
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 105.56 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 791603
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 2.8 2.6 4.0

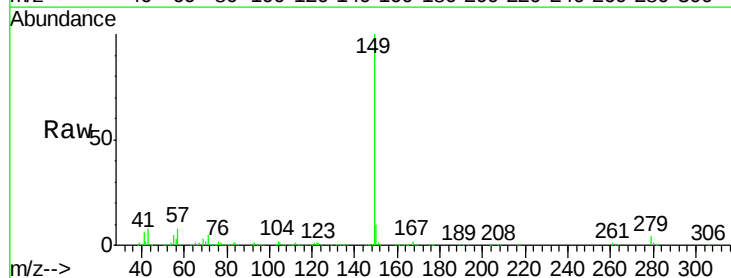


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

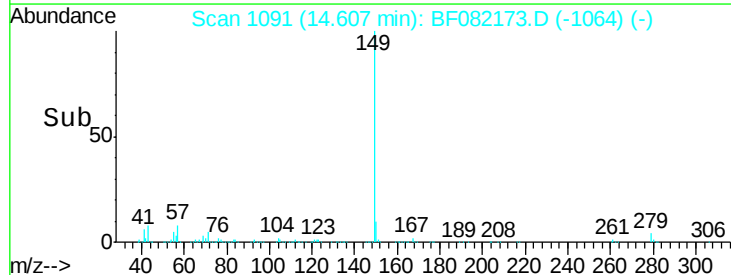
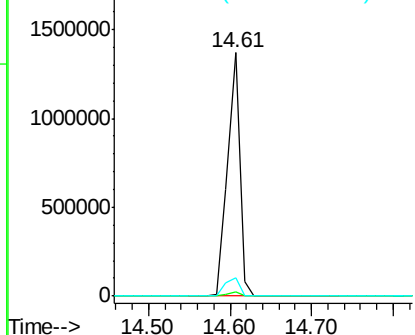


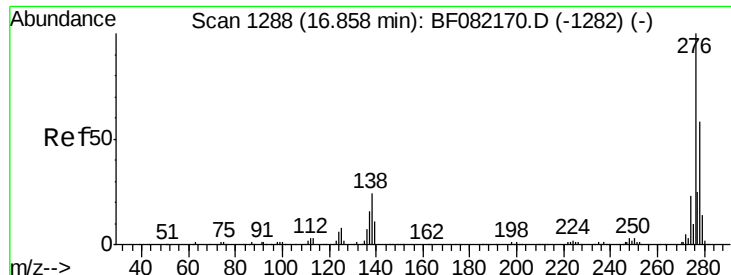
#84
 Di-n-octyl phthalate
 Concen: 116.33 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Tgt Ion:149 Resp: 1425280
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 85.98 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :

BNA_F

ClientSampleId :

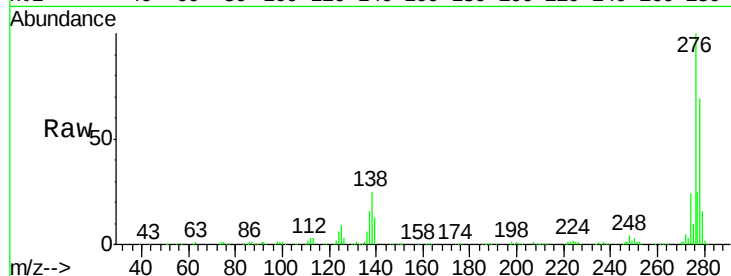
Tot Ion:276 Resp: 907255

Ion Ratio Lower Upper

276 100

138 25.0 19.7 29.5

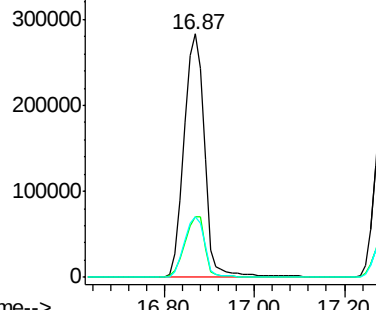
277 25.1 20.1 30.1



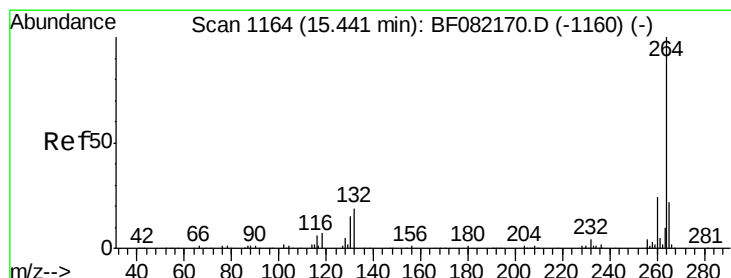
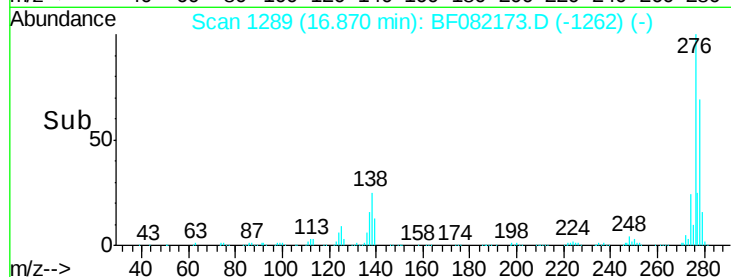
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

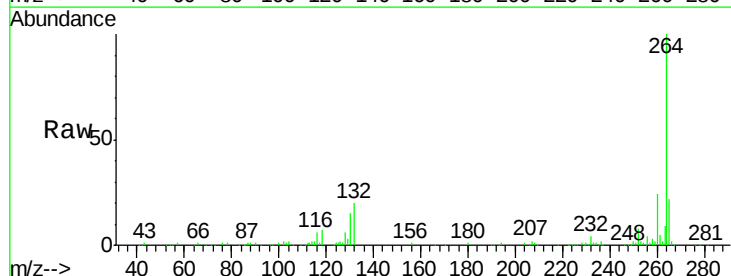
Tgt Ion:264 Resp: 216619

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

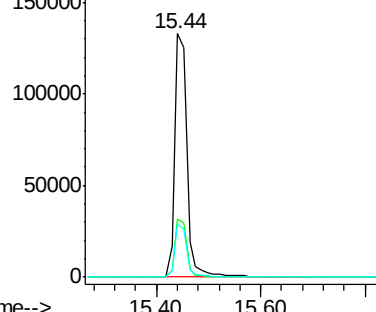
265 21.8 17.3 25.9



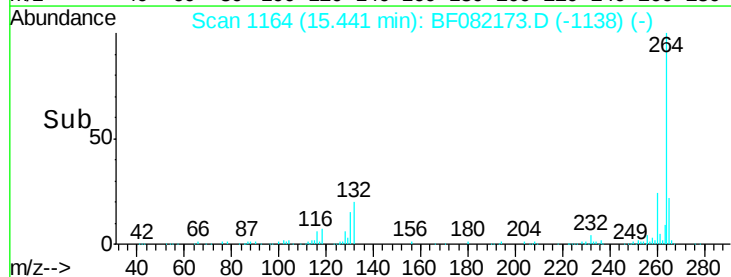
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 79.17 ng

RT: 15.04 min Scan# 1129

Delta R.T. 0.01 min

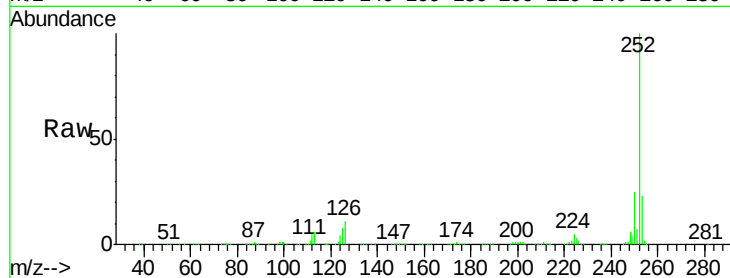
Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1002719

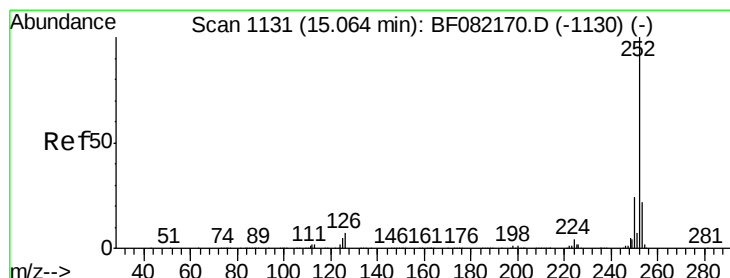
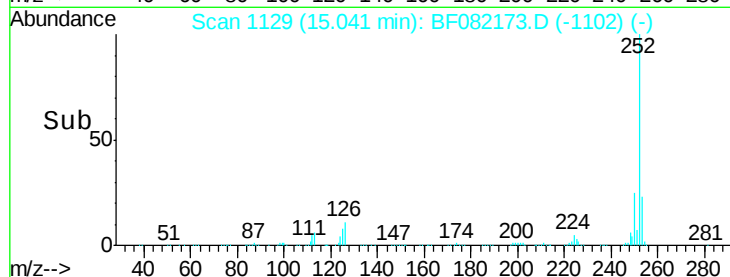
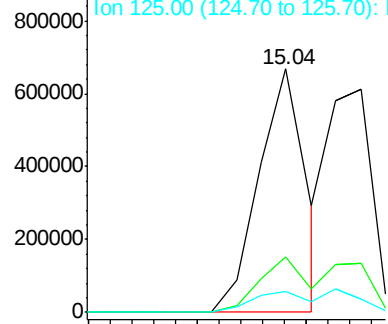
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.3	8.6	12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.43 ng

RT: 15.04 min Scan# 1129

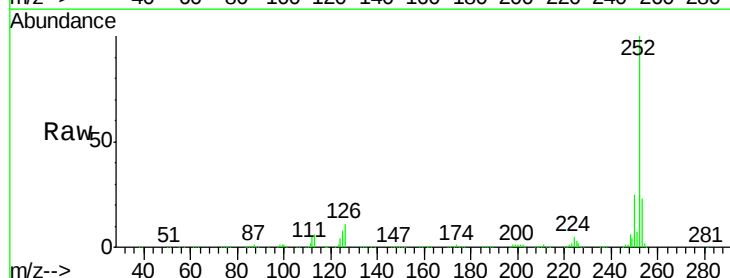
Delta R.T. -0.02 min

Lab File: BF082173.D

Acq: 10 Oct 2015 13:33

Tgt Ion:252 Resp: 1002719

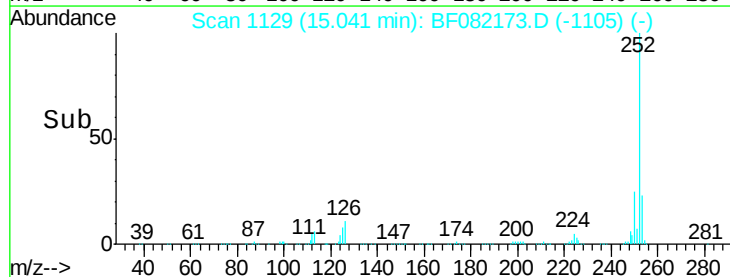
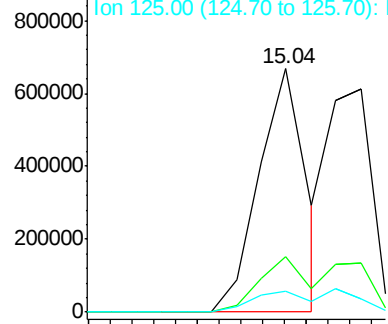
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.3	6.7	10.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

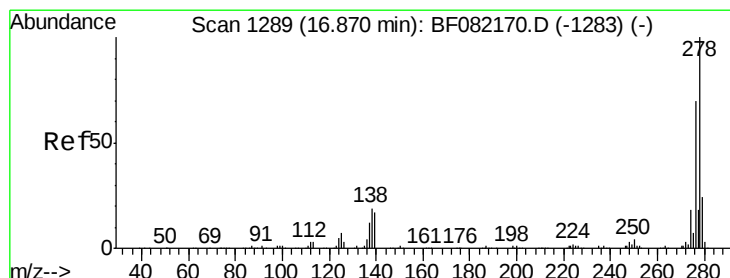
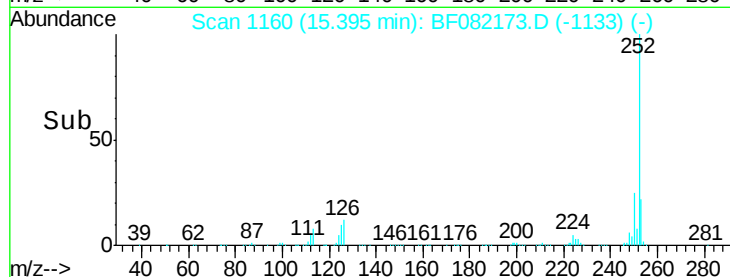
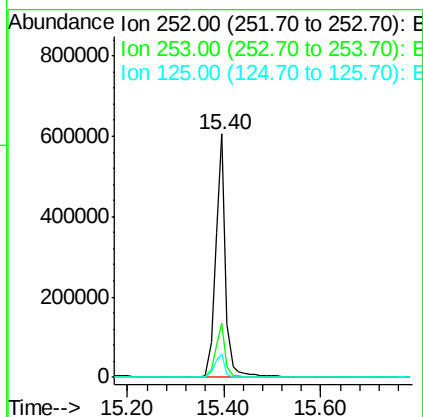
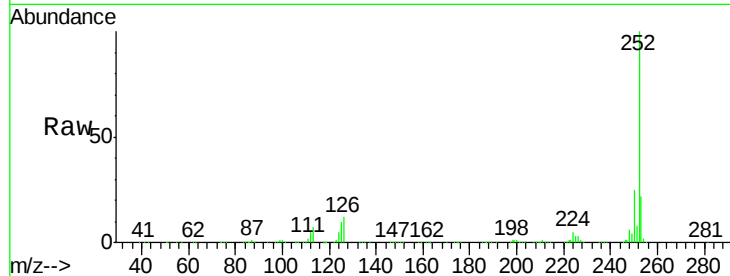




#89
Benzo(a)pyrene
Concen: 80.36 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

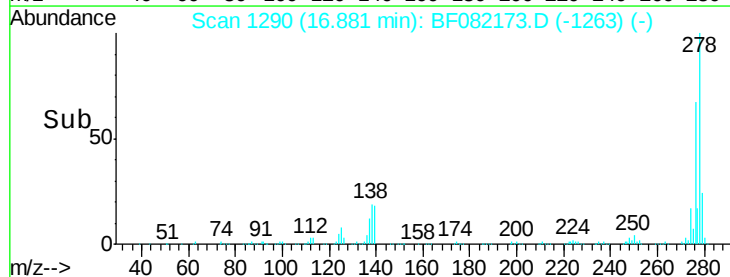
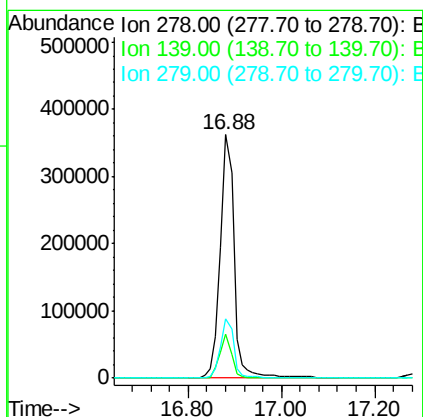
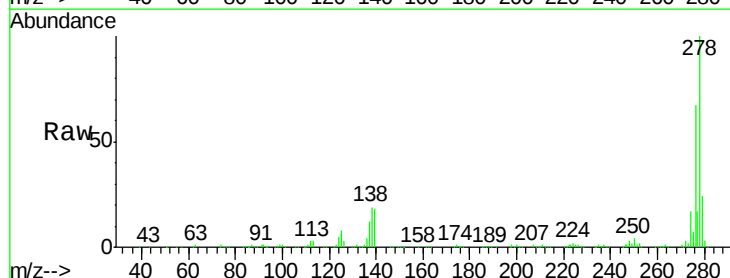
Instrument :
BNA_F
ClientSampleId :

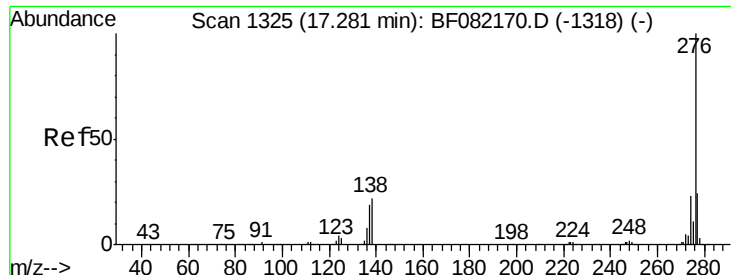
Tot Ion:252 Resp: 866698
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.5 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 82.29 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF082173.D
Acq: 10 Oct 2015 13:33

Tgt Ion:278 Resp: 741257
Ion Ratio Lower Upper
278 100
139 17.9 13.3 19.9
279 24.5 18.9 28.3

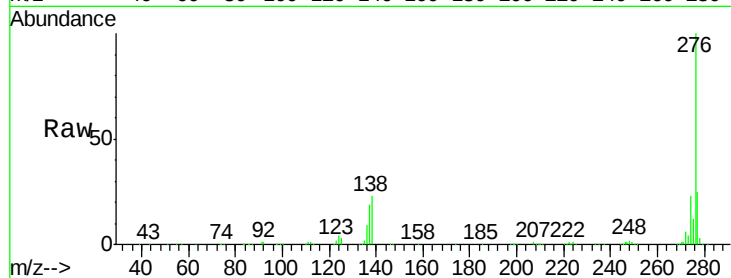




#91
 Benzo(a,h,i)perylene
 Concen: 80.69 ng
 RT: 17.29 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF082173.D
 Acq: 10 Oct 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	22.8	17.4	26.2



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

