

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082353.D
 Acq On : 19 Oct 2015 14:05
 Operator : UM/IZ
 Sample : PB86128BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Quant Time: Oct 20 02:00:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102237	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	396108	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	205619	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	392022	20.00	ng	0.00
75) Chrysene-d12	14.13	240	340036	20.00	ng	0.03
86) Perylene-d12	15.76	264	290266	20.00	ng	0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	462920	91.38	ng	0.01
7) Phenol-d6	6.45	99	549017	83.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	519762	88.12	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	144922	75.15	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1082616	87.32	ng	0.00
78) Terphenyl-d14	12.96	244	1115325	86.92	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	80835	31.76	ng	98
3) Pyridine	3.13	79	211841	35.79	ng	98
4) n-Nitrosodimethylamine	3.10	42	95044	37.86	ng	97
6) Aniline	6.47	93	211225	24.85	ng	# 85
8) 2-Chlorophenol	6.58	128	247101	39.96	ng	# 79
9) Benzaldehyde	6.35	77	125671	37.33	ng	90
10) Phenol	6.46	94	294430	38.74	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	244810	38.09	ng	94
12) 1,3-Dichlorobenzene	6.74	146	287914	39.98	ng	96
13) 1,4-Dichlorobenzene	6.82	146	298511	39.69	ng	98
14) 1,2-Dichlorobenzene	6.97	146	276992	38.79	ng	96
15) Benzyl Alcohol	6.96	79	205440	45.14	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	343238	38.35	ng	96
17) 2-Methylphenol	7.07	107	210358	43.02	ng	98
18) Hexachloroethane	7.31	117	101514	39.43	ng	89
19) n-Nitroso-di-n-propylamine	7.22	70	169652	36.65	ng	# 86
20) 3+4-Methylphenols	7.22	107	251230	43.11	ng	# 86
22) Acetophenone	7.22	105	344783	44.00	ng	94
24) Nitrobenzene	7.39	77	256067	40.11	ng	97
25) Isophorone	7.63	82	483365	40.60	ng	98
26) 2-Nitrophenol	7.71	139	146322	45.90	ng	100
27) 2,4-Dimethylphenol	7.76	122	238536	46.44	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	316898	45.75	ng	99
29) 2,4-Dichlorophenol	7.95	162	226298	44.07	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	239364	40.45	ng	99
31) Naphthalene	8.11	128	702792	40.93	ng	100
32) Benzoic acid	7.90	122	128415	37.25	ng	90
33) 4-Chloroaniline	8.17	127	128286	17.99	ng	99
34) Hexachlorobutadiene	8.23	225	143737	38.98	ng	98
35) Caprolactam	8.55	113	51882	34.82	ng	# 74
36) 4-Chloro-3-methylphenol	8.66	107	223632	44.54	ng	98
37) 2-Methylnaphthalene	8.81	142	527426	44.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	246064	40.23	ng	98
40) Hexachlorocyclopentadiene	8.96	237	202487	66.94	ng	99

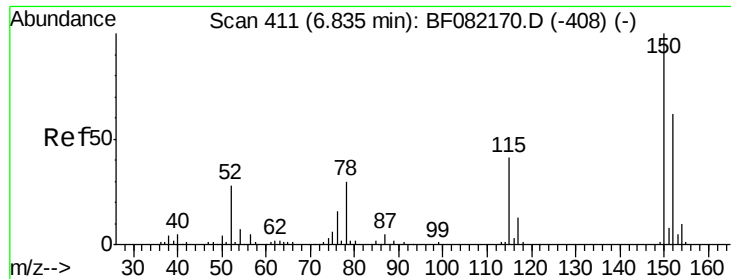
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	177848	43.78	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	177738	40.39	nq	# 94
45) 1,1'-Biphenyl	9.28	154	649319	41.41	nq	96
46) 2-Chloronaphthalene	9.30	162	515385	41.75	nq	97
47) 2-Nitroaniline	9.41	65	152955	45.14	nq	# 84
48) Acenaphthylene	9.71	152	751795	39.10	nq	100
49) Dimethylphthalate	9.59	163	630732	43.56	nq	98
50) 2,6-Dinitrotoluene	9.65	165	120963	39.59	nq	# 69
51) Acenaphthene	9.89	154	446290	38.66	nq	99
52) 3-Nitroaniline	9.82	138	63922	18.52	nq	96
53) 2,4-Dinitrophenol	9.93	184	119765	70.94	nq	97
54) Dibenzofuran	10.06	168	671988	42.40	nq	96
55) 4-Nitrophenol	10.00	139	175339	75.30	nq	90
56) 2,4-Dinitrotoluene	10.06	165	186879	48.94	nq	97
57) Fluorene	10.40	166	535274	41.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	152490	42.41	nq	100
59) Diethylphthalate	10.29	149	628938	46.60	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	277559	46.55	nq	# 87
61) 4-Nitroaniline	10.43	138	123595	36.92	nq	95
62) Azobenzene	10.56	77	597114	45.20	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	89132	40.51	nq	83
65) n-Nitrosodiphenylamine	10.53	169	501250	42.71	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	167381	42.66	nq	# 88
67) Hexachlorobenzene	10.95	284	167951	39.58	nq	# 72
68) Atrazine	11.05	200	161450	43.42	nq	99
69) Pentachlorophenol	11.15	266	188022	86.12	nq	99
70) Phenanthrene	11.37	178	877035	45.64	nq	100
71) Anthracene	11.42	178	819215	41.37	nq	99
72) Carbazole	11.58	167	726262	40.21	nq	100
73) Di-n-butylphthalate	11.91	149	926464	41.58	nq	100
74) Fluoranthene	12.57	202	898933	43.56	nq	99
76) Benzidine	12.71	184	302420	30.69	nq	97
77) Pyrene	12.81	202	944322	46.80	nq	99
79) Butylbenzylphthalate	13.49	149	425088	46.16	nq	# 82
80) Benzo(a)anthracene	14.12	228	748860	42.33	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	173317	25.81	nq	99
82) Chrysene	14.16	228	760346	40.79	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	559423	42.58	nq	99
84) Di-n-octyl phthalate	14.86	149	965894	42.81	nq	100
85) Indeno(1,2,3-cd)pyrene	17.20	276	609126	41.11	nq	98
87) Benzo(b)fluoranthene	15.33	252	850352	48.15	nq	98
88) Benzo(k)fluoranthene	15.33	252	850352	57.29	nq	# 98
89) Benzo(a)pyrene	15.69	252	645799	42.55	nq	99
90) Dibenzo(a,h)anthracene	17.22	278	519117	41.74	nq	97
91) Benzo(g,h,i)perylene	17.64	276	490950	40.63	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

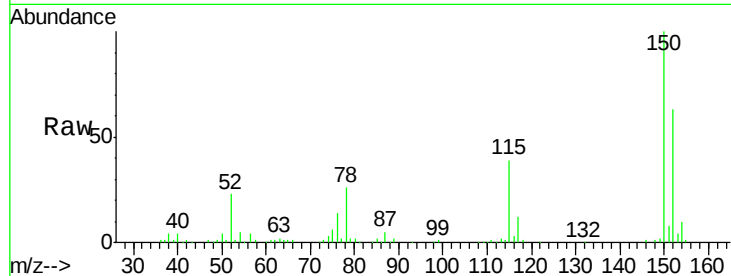
Tot Ion:152 Resp: 102237

Ion Ratio Lower Upper

152 100

150 158.9 129.0 193.4

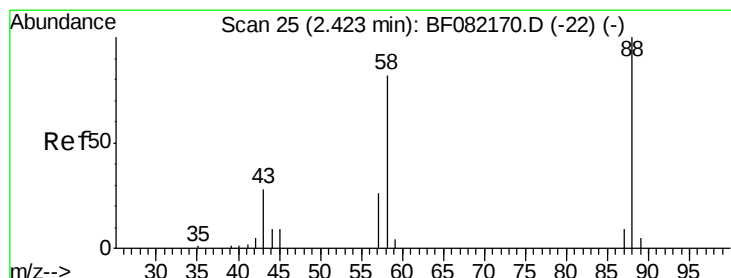
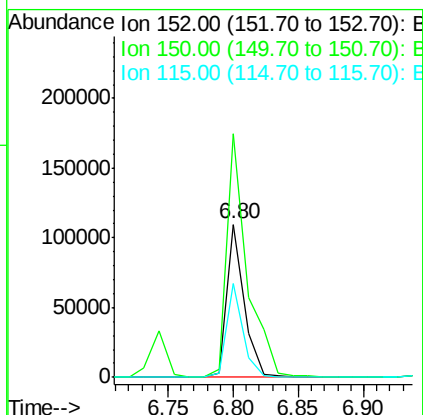
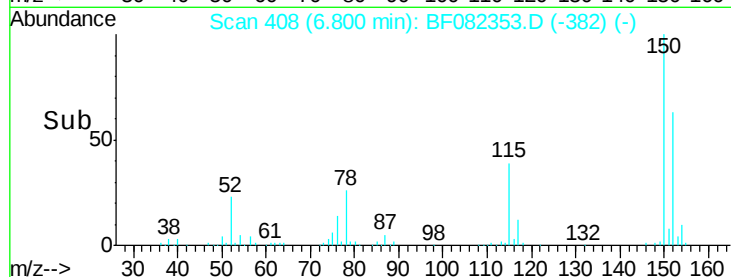
115 61.6 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.76 ng

RT: 2.42 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

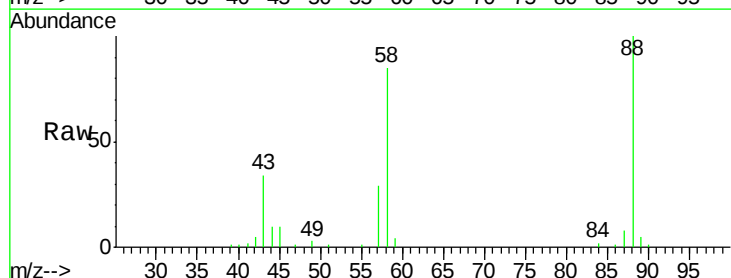
Tgt Ion: 88 Resp: 80835

Ion Ratio Lower Upper

88 100

58 85.4 66.2 99.4

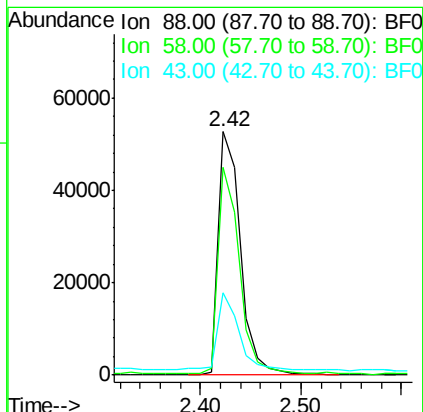
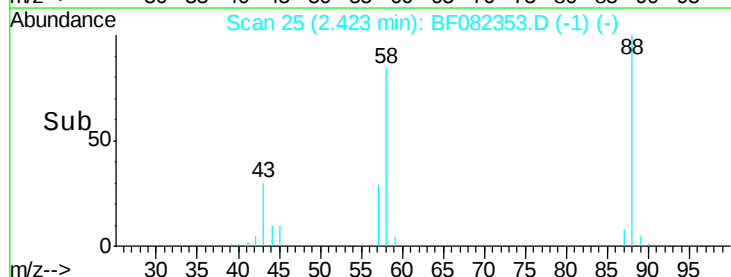
43 29.5 23.0 34.4

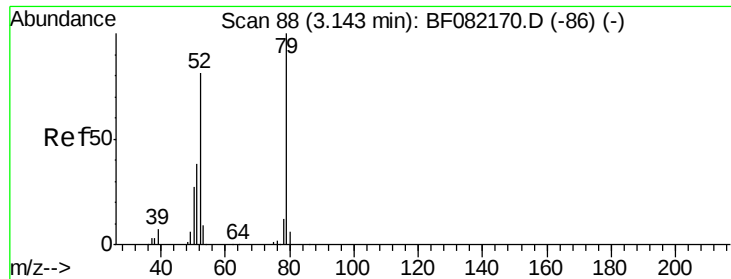


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.79 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

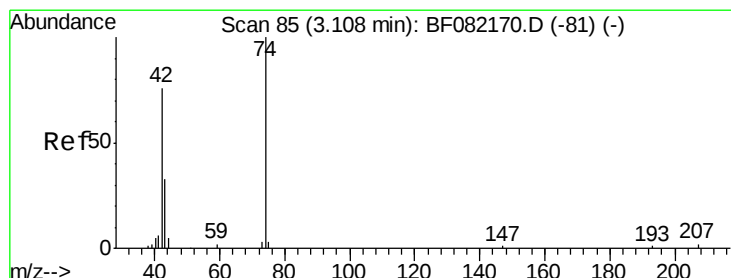
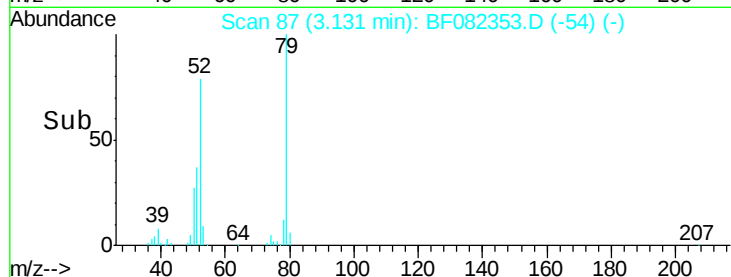
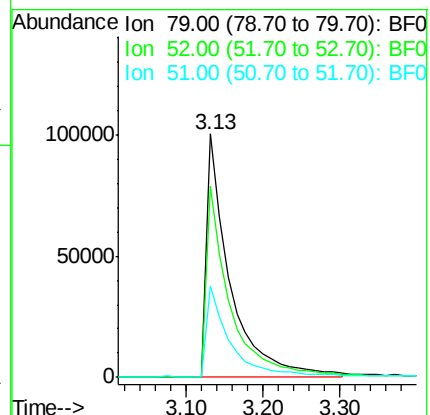
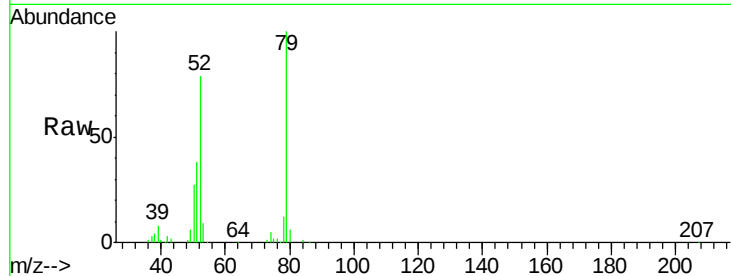
Tot Ion: 79 Resp: 211841

Ion Ratio Lower Upper

79 100

52 78.6 64.4 96.6

51 37.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 37.86 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

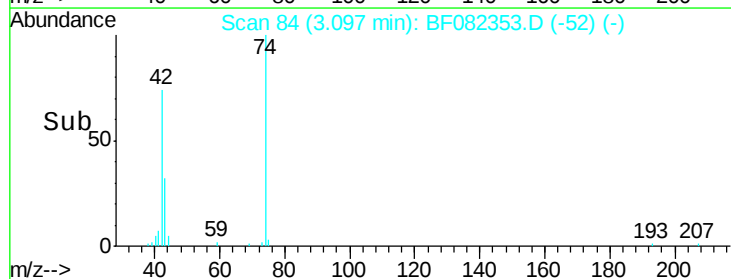
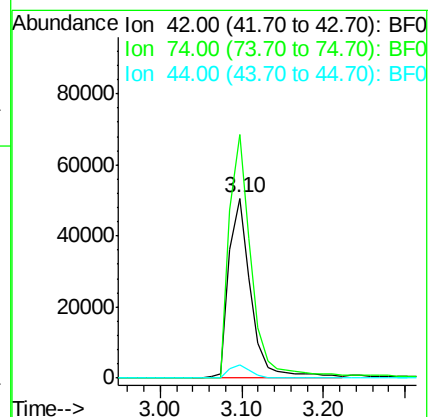
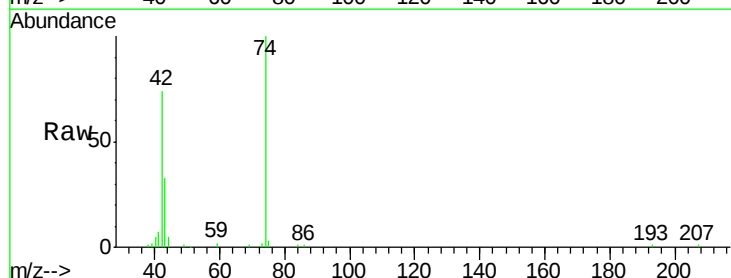
Tgt Ion: 42 Resp: 95044

Ion Ratio Lower Upper

42 100

74 135.4 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 91.38 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

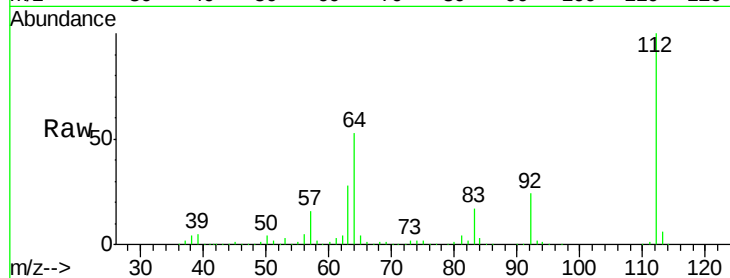
Tot Ion:112 Resp: 462920

Ion Ratio Lower Upper

112 100

64 53.2 48.6 73.0

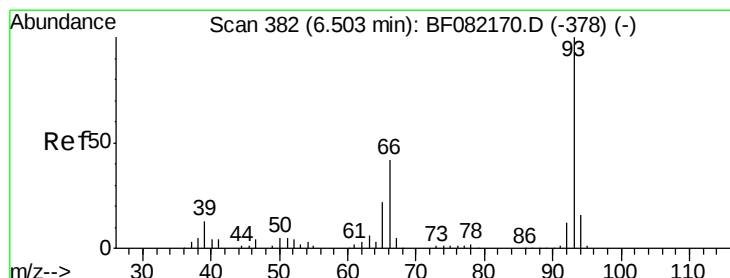
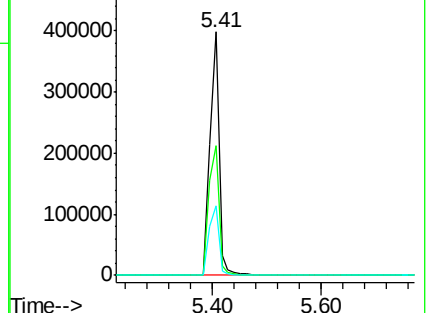
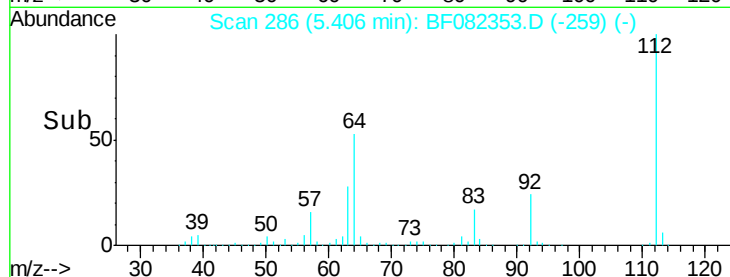
63 28.3 25.1 37.7



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: 24.85 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

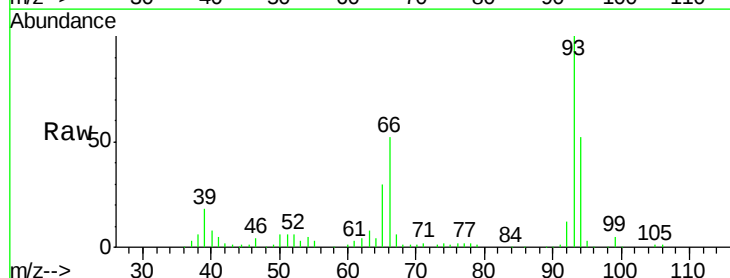
Tgt Ion: 93 Resp: 211225

Ion Ratio Lower Upper

93 100

66 52.2 34.2 51.2#

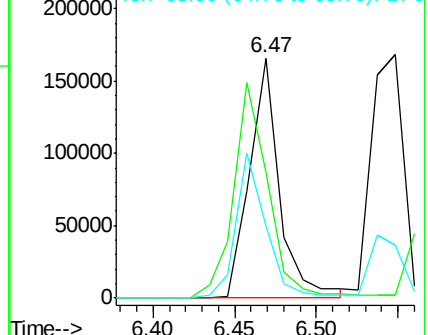
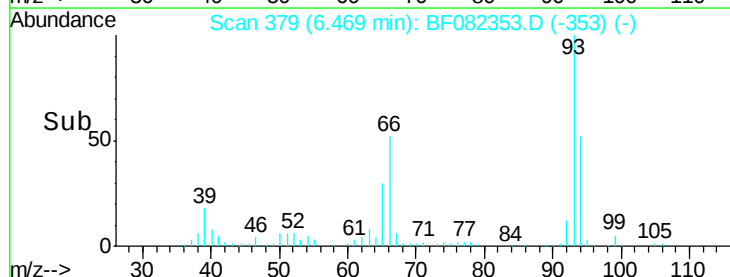
65 29.9 17.9 26.9#

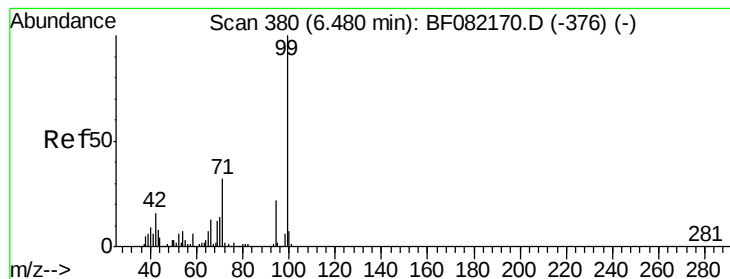


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.28 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

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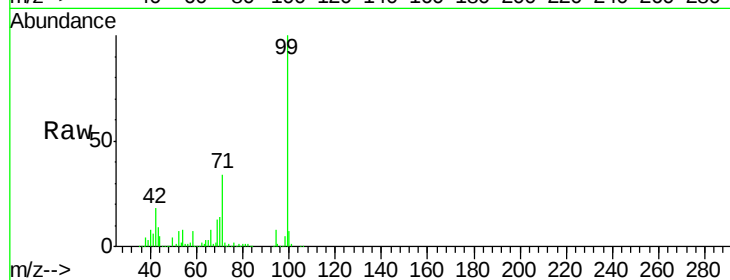
Tot Ion: 99 Resp: 549017

Ion Ratio Lower Upper

99 100

42 18.3 13.2 19.8

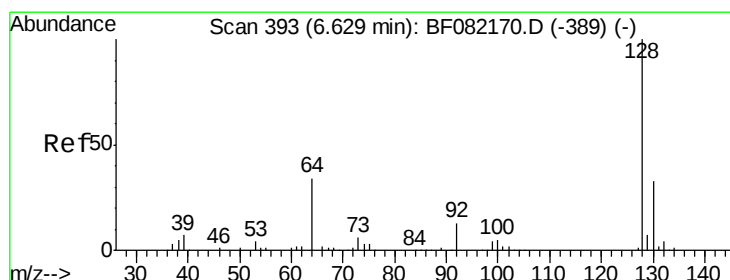
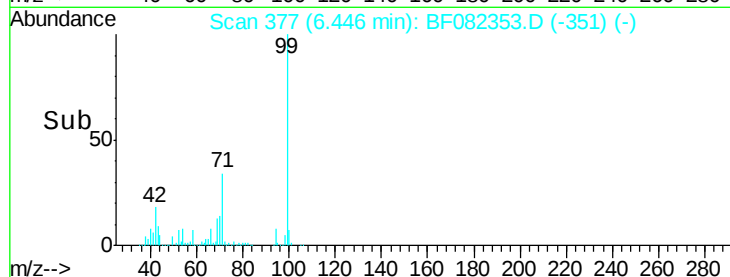
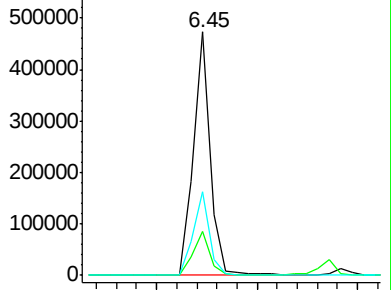
71 34.3 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.96 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

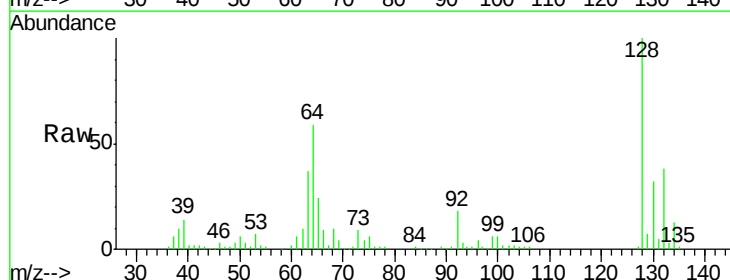
Tgt Ion: 128 Resp: 247101

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

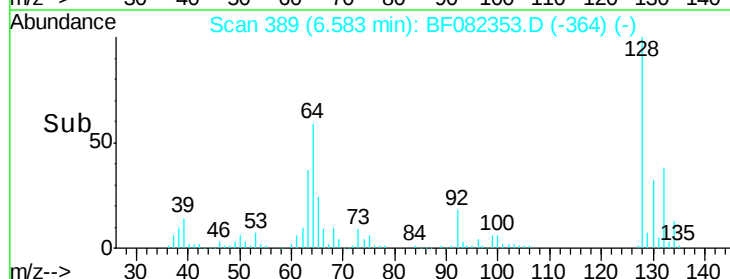
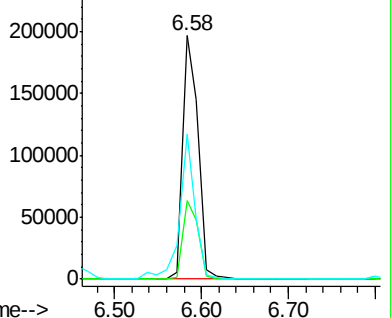
64 59.4 16.7 56.7#

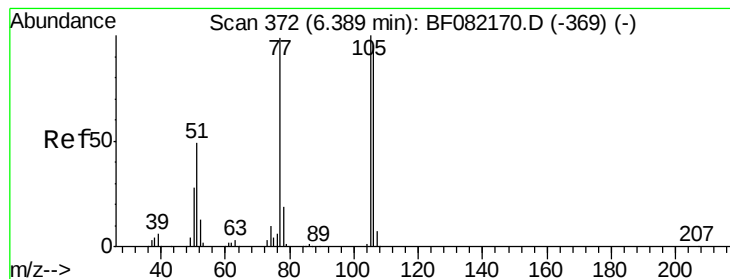


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.33 ng

RT: 6.35 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

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PB86128BSD

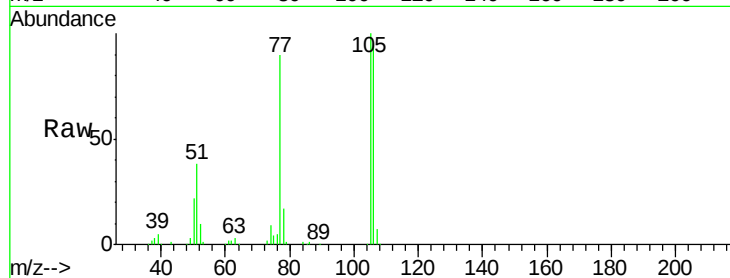
Tot Ion: 77 Resp: 125671

Ion Ratio Lower Upper

77 100

105 110.7 80.6 120.6

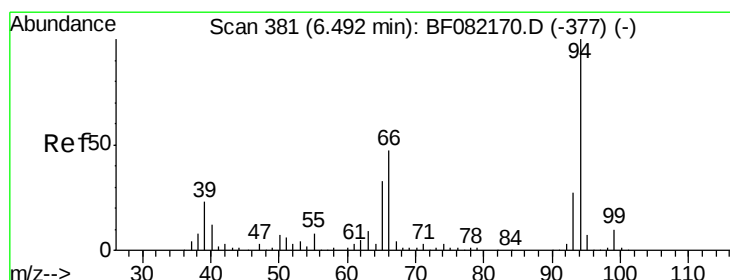
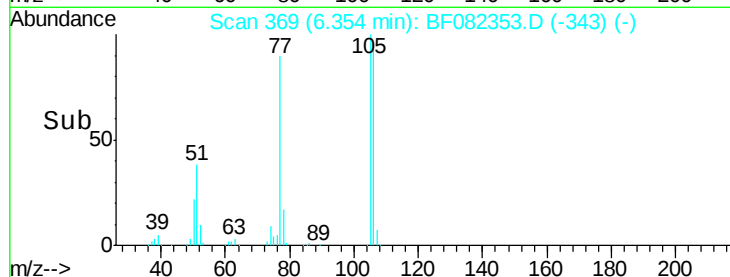
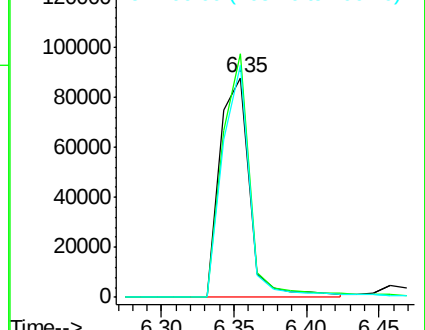
106 105.7 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.74 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

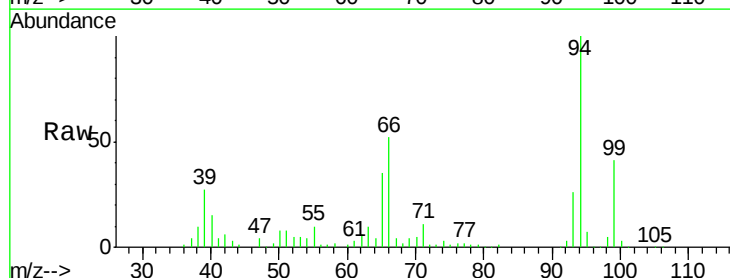
Tgt Ion: 94 Resp: 294430

Ion Ratio Lower Upper

94 100

65 35.2 12.6 52.6

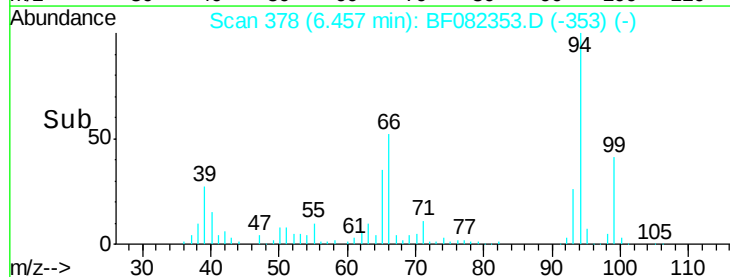
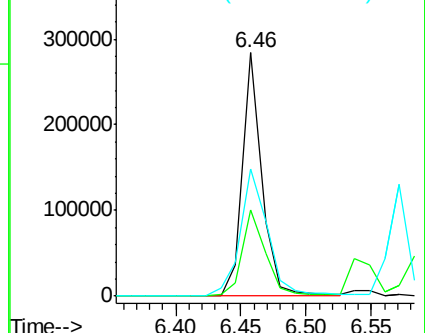
66 52.3 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

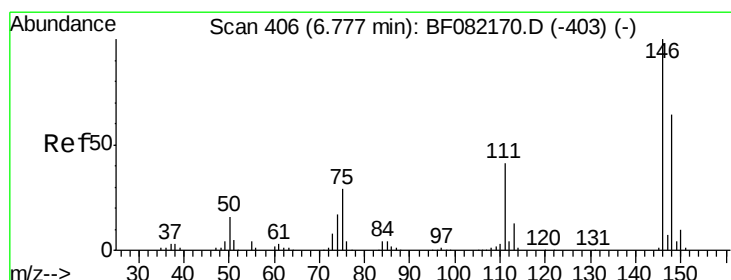
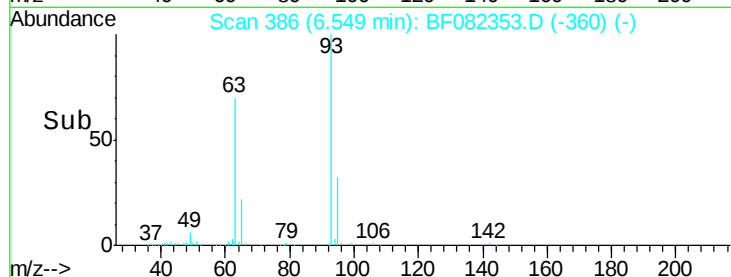
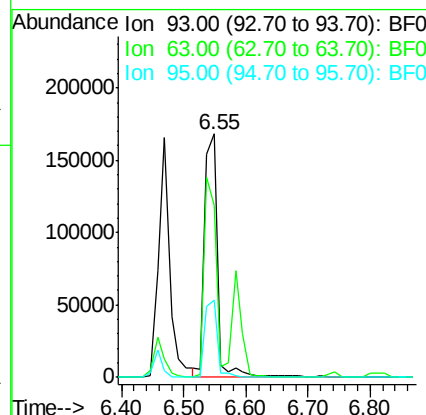
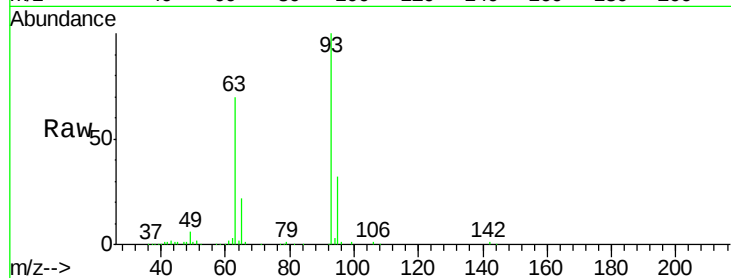




#11
bis(2-Chloroethyl)ether
Concen: 38.09 ng
RT: 6.55 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

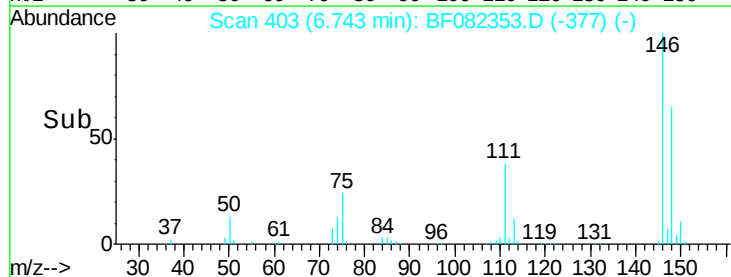
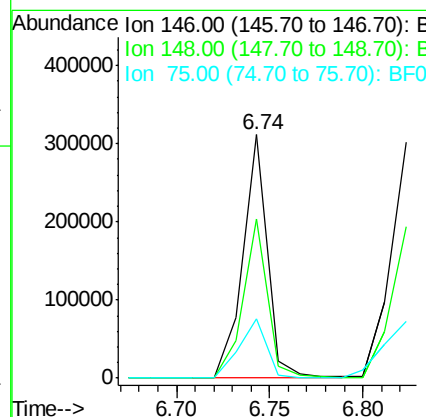
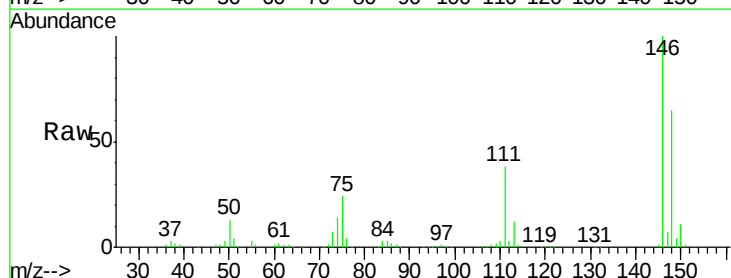
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

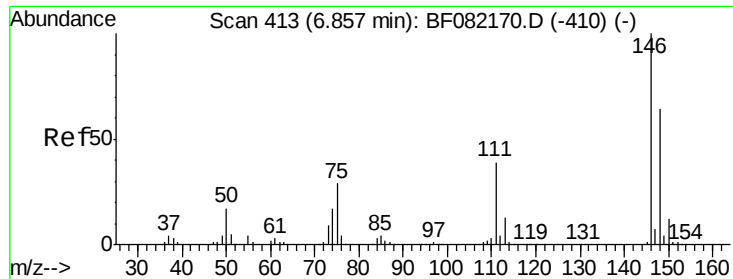
Tot Ion: 93 Resp: 244810
Ion Ratio Lower Upper
93 100
63 70.4 57.1 97.1
95 32.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.98 ng
RT: 6.74 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion: 146 Resp: 287914
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 24.1 23.0 34.6

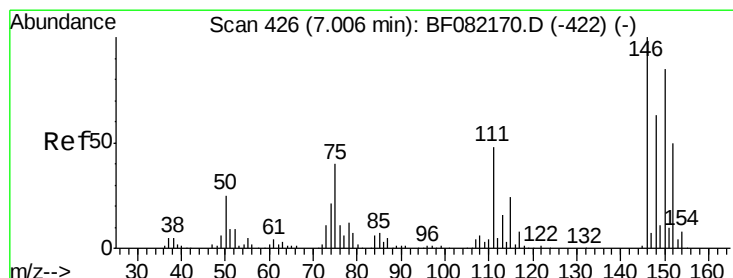
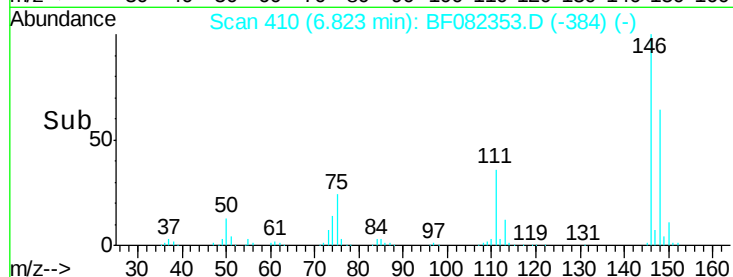
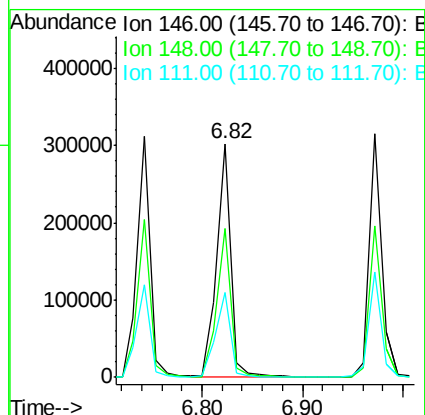
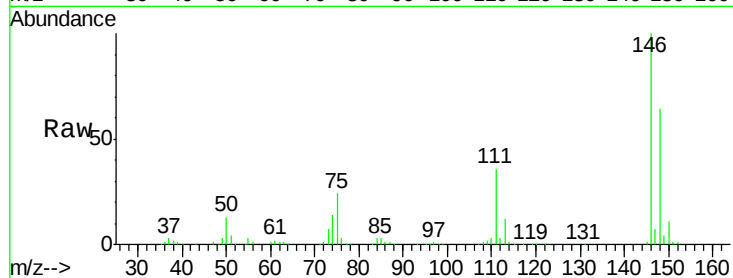




#13
 1,4-Dichlorobenzene
 Concen: 39.69 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

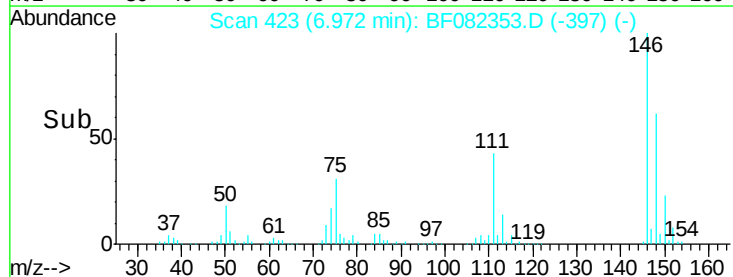
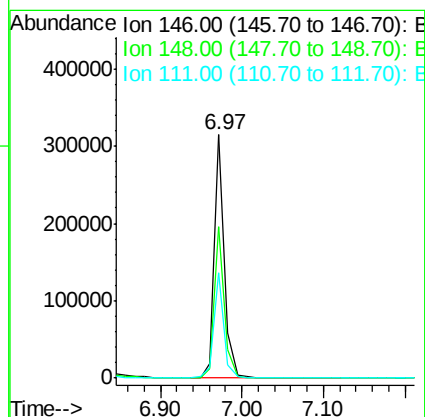
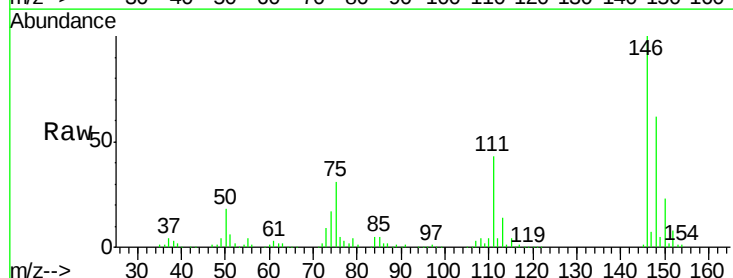
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

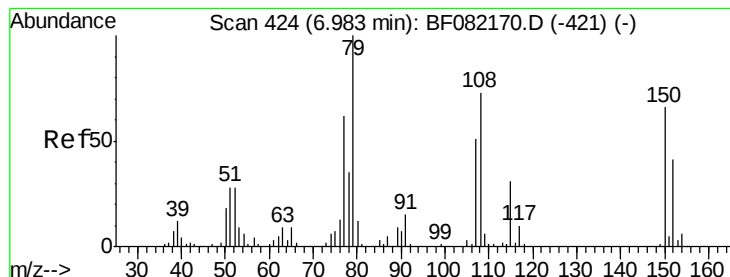
Tot Ion:146 Resp: 298511
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 111 36.2 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 38.79 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:146 Resp: 276992
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.5 75.7
 111 43.1 38.5 57.7





#15

Benzyl Alcohol

Concen: 45.14 ng

RT: 6.96 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleID :

PB86128BSD

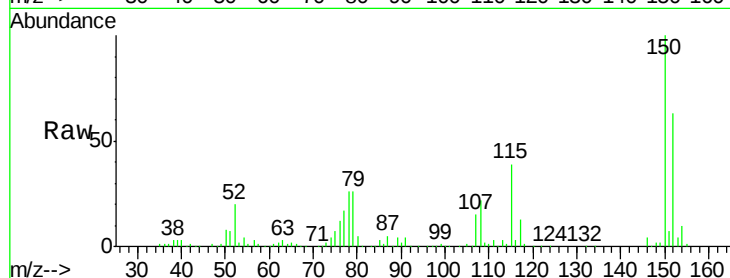
Tot Ion: 79 Resp: 205440

Ion Ratio Lower Upper

79 100

108 84.0 58.4 87.6

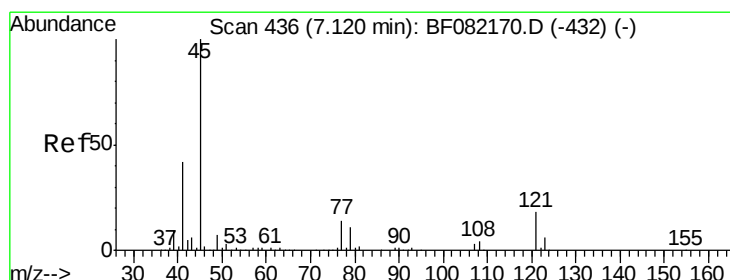
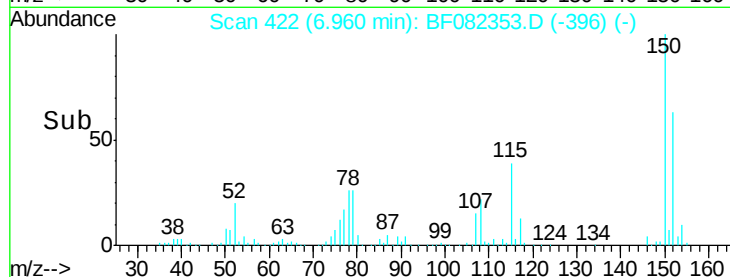
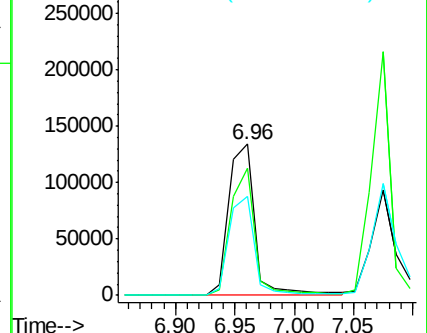
77 65.1 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.35 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

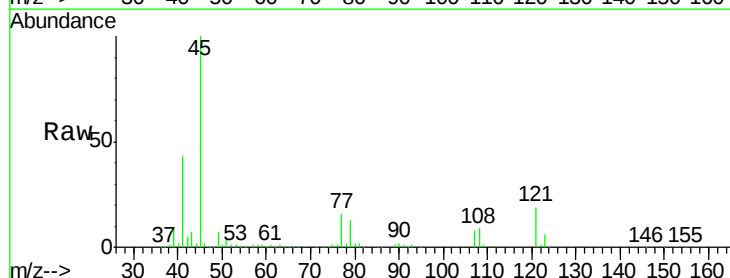
Tgt Ion: 45 Resp: 343238

Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.5

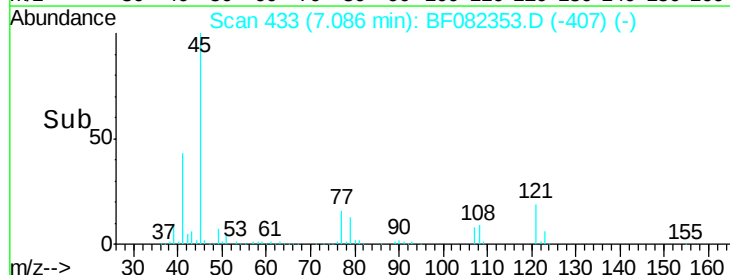
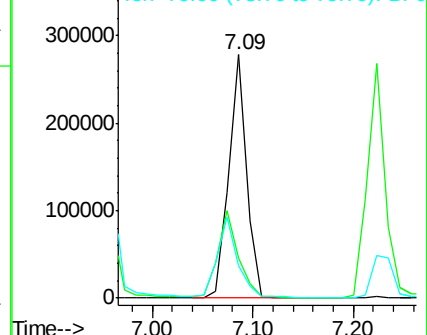
79 13.1 0.0 31.6

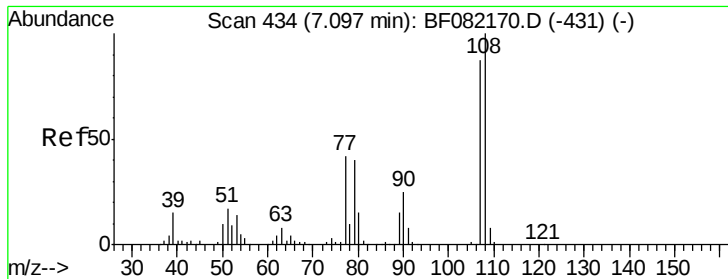


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.02 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:107 Resp: 210358

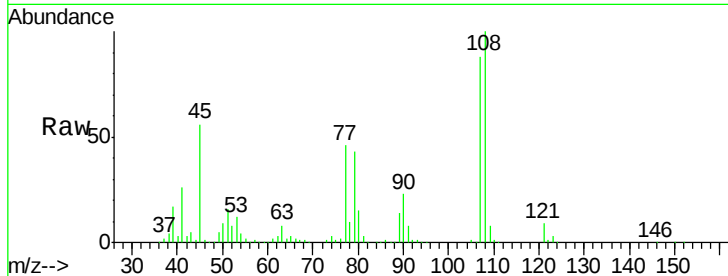
Ion Ratio Lower Upper

107 100

108 113.6 92.2 138.2

77 52.2 39.6 59.4

79 49.1 38.2 57.4

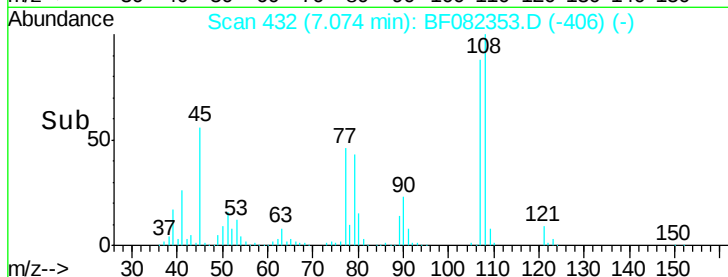


Abundance Ion 107.00 (106.70 to 107.70): E

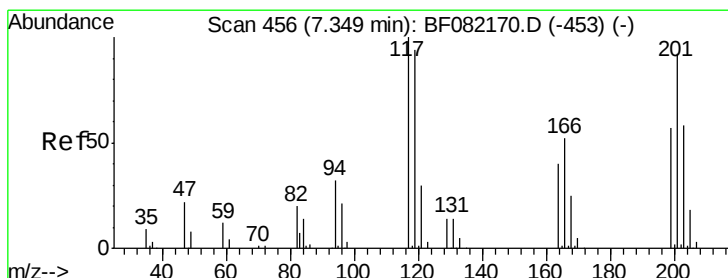
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.43 ng

RT: 7.31 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

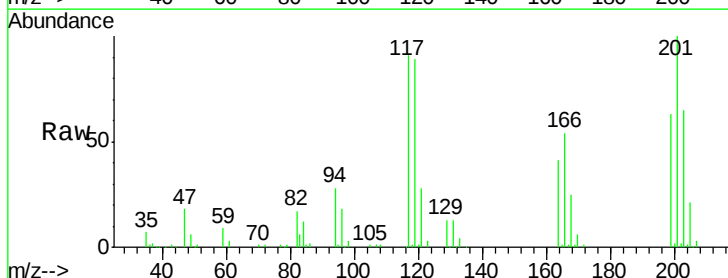
Tgt Ion:117 Resp: 101514

Ion Ratio Lower Upper

117 100

119 97.3 75.4 113.2

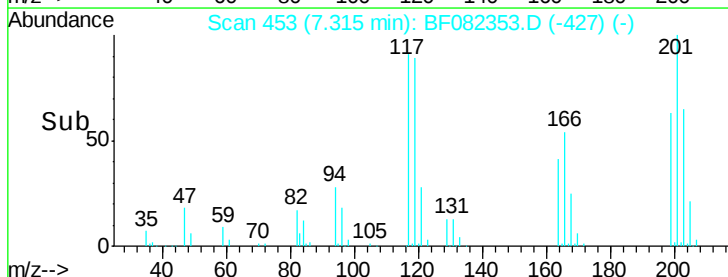
201 109.5 73.4 110.0



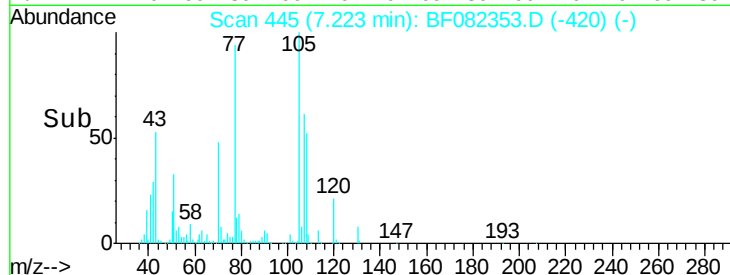
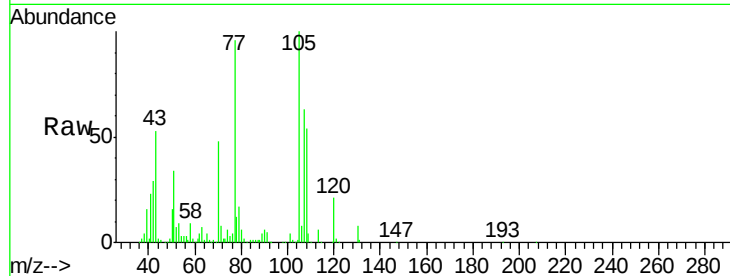
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



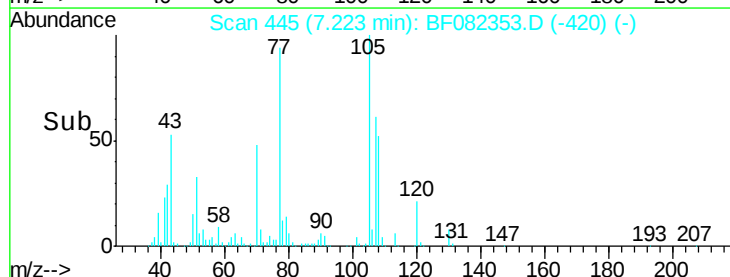
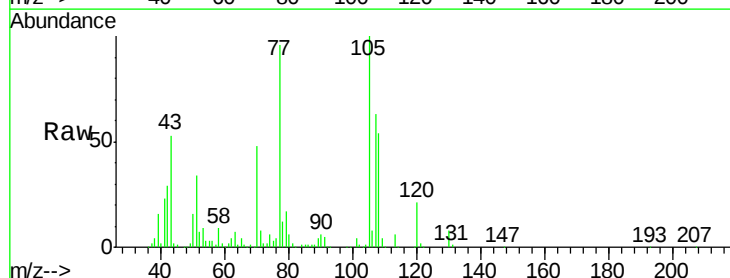
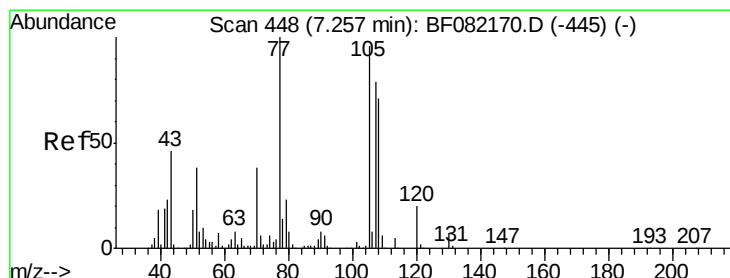
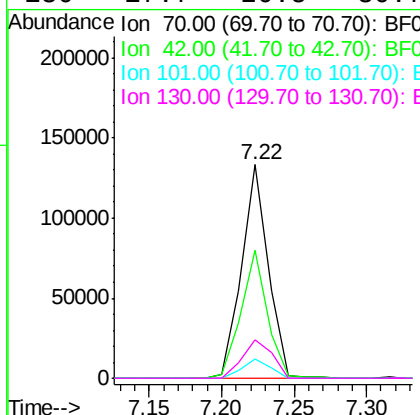
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.65 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

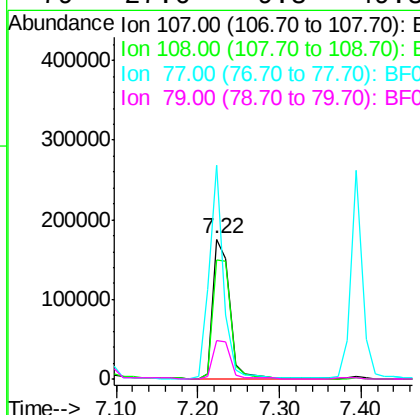
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

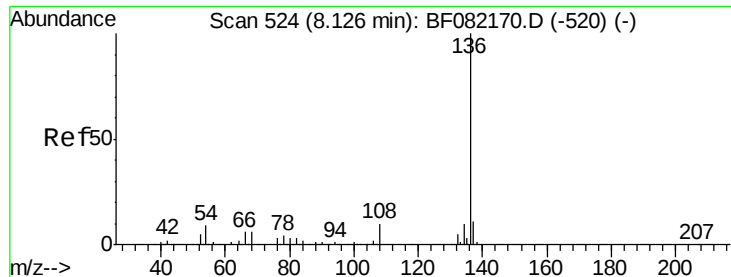
Tot Ion: 70 Resp: 169652
Ion Ratio Lower Upper
70 100
42 59.8 39.8 59.8#
101 9.0 8.6 13.0
130 17.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 43.11 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion: 107 Resp: 251230
Ion Ratio Lower Upper
107 100
108 85.8 69.9 109.9
77 153.1 106.0 146.0#
79 27.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:136 Resp: 396108

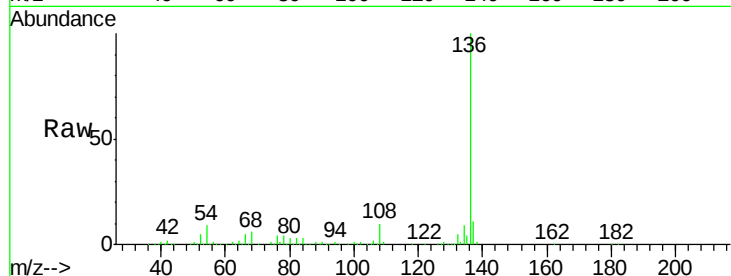
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.9 7.5 11.3

68 5.6 4.6 7.0

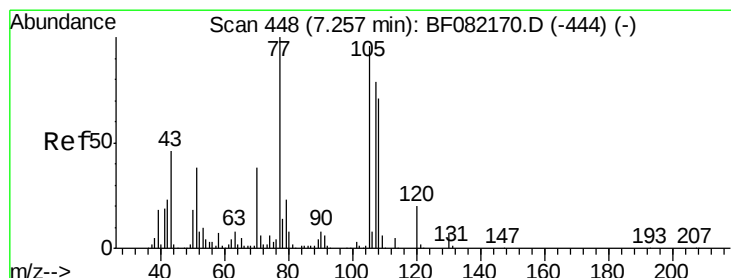
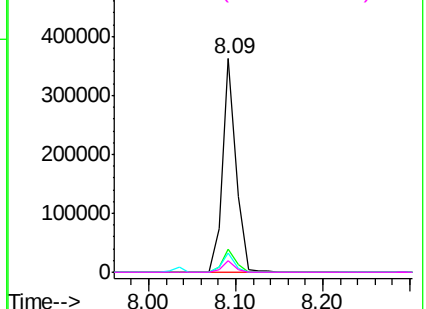
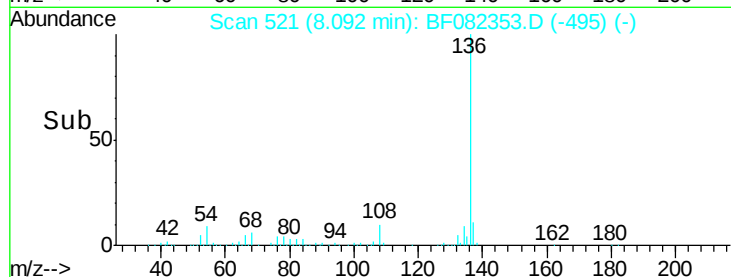


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.00 ng

RT: 7.22 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:105 Resp: 344783

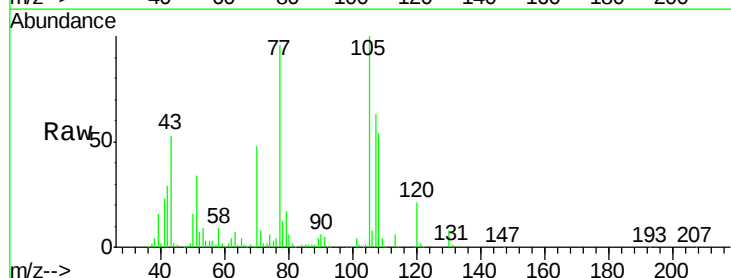
Ion Ratio Lower Upper

105 100

71 8.0 5.4 8.0

51 34.4 31.8 47.6

120 20.7 16.3 24.5

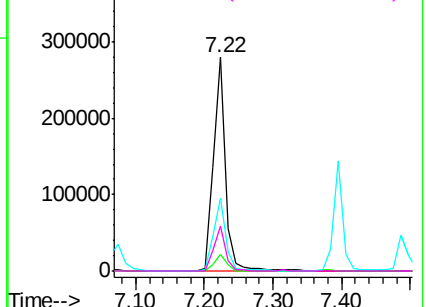
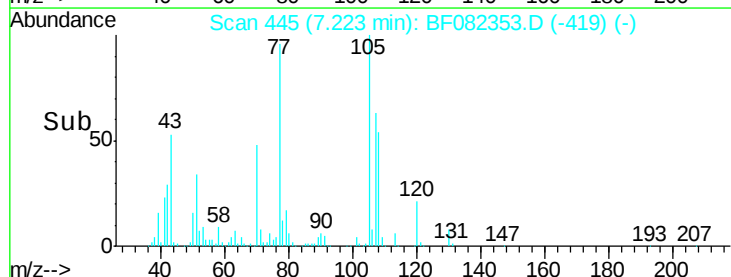


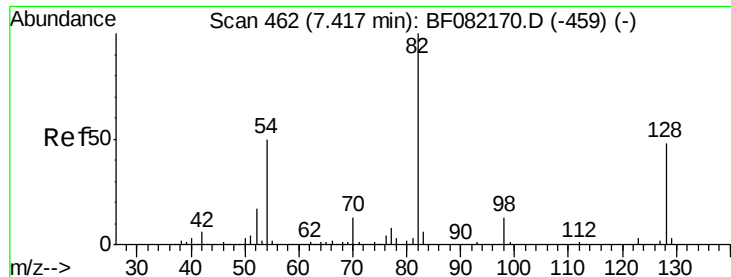
Abundance Ion 105.00 (104.70 to 105.70): E

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

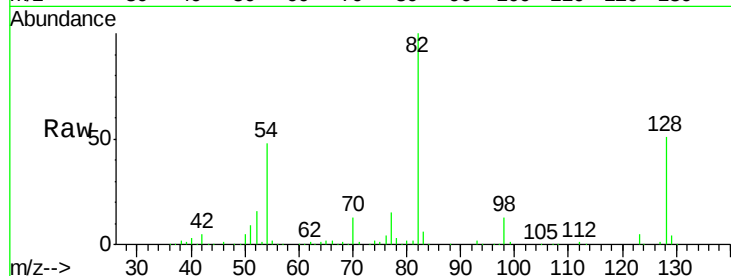




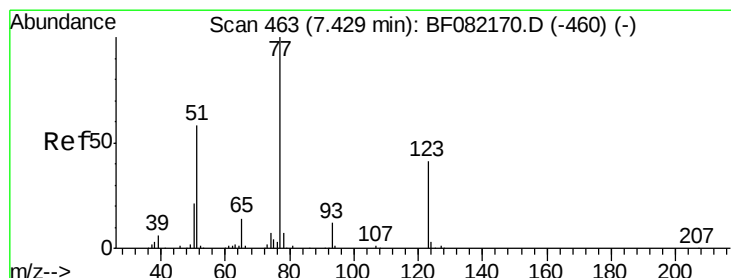
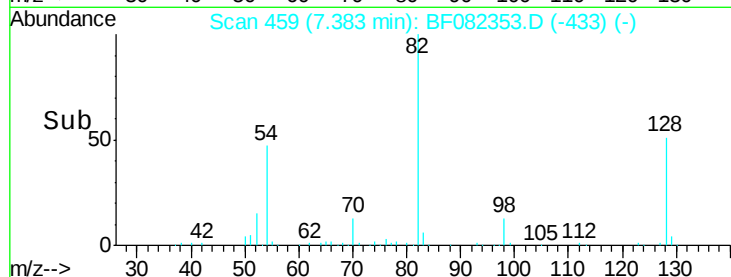
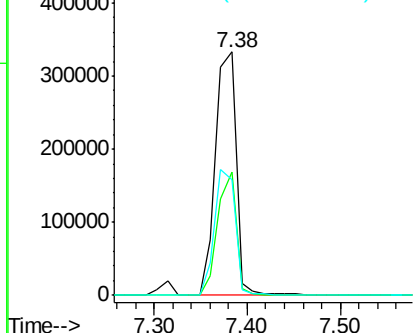
#23
 Nitrobenzene-d5
 Concen: 88.12 ng
 RT: 7.38 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion: 82 Resp: 519762
 Ion Ratio Lower Upper
 82 100
 128 50.7 38.7 58.1
 54 47.6 40.1 60.1

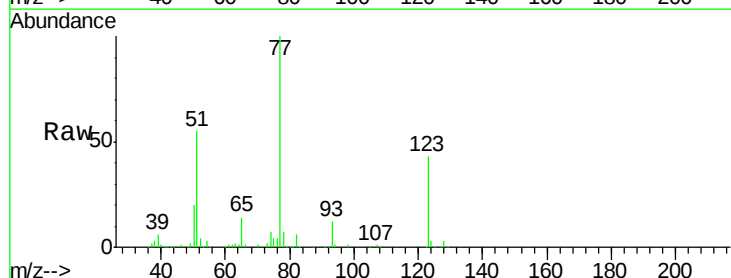


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

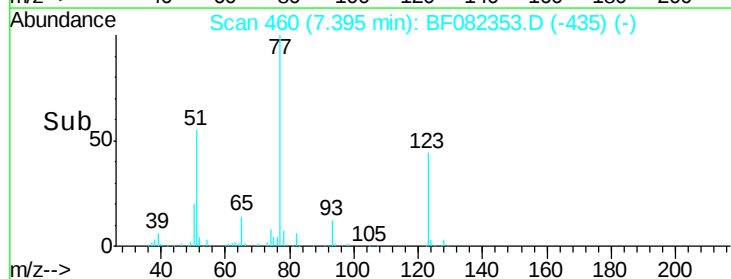
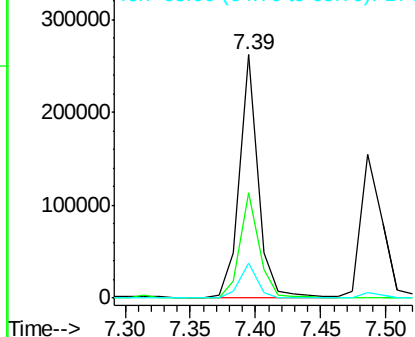


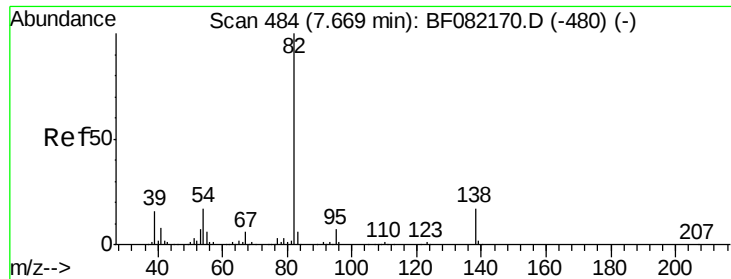
#24
 Nitrobenzene
 Concen: 40.11 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion: 77 Resp: 256067
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 14.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.60 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampled :

PB86128BSD

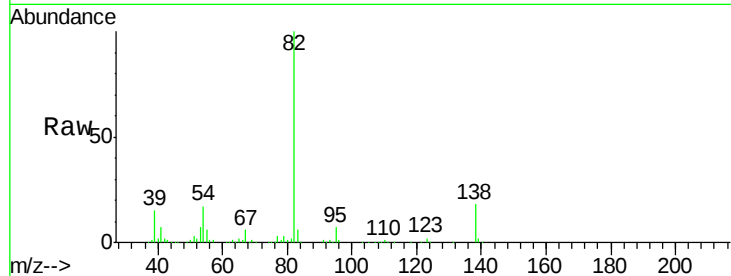
Tot Ion: 82 Resp: 483365

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

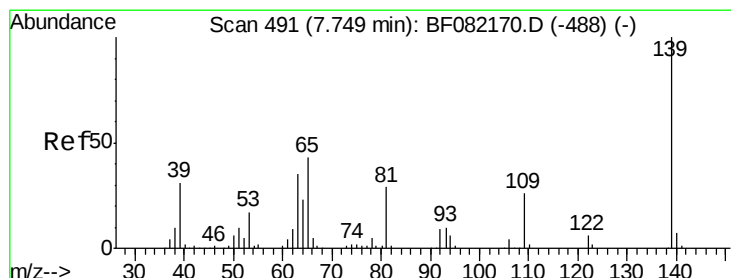
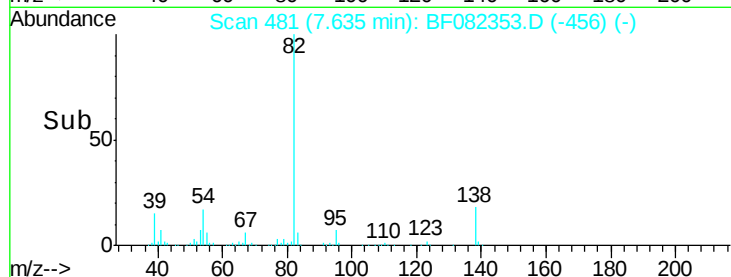
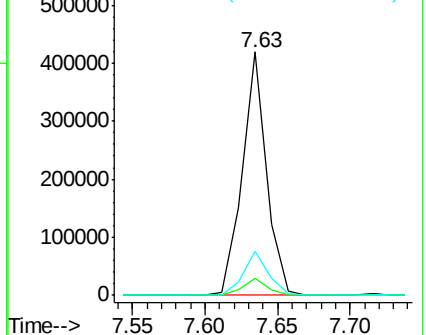
138 17.9 13.6 20.4



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: 45.90 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

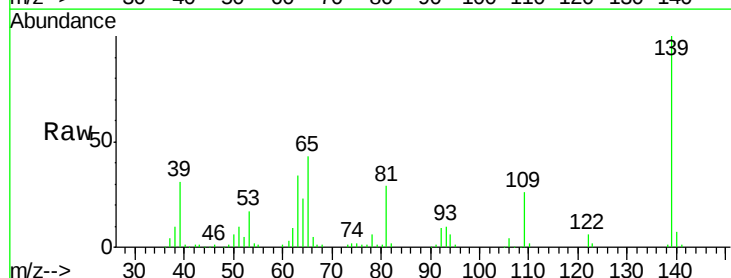
Tgt Ion: 139 Resp: 146322

Ion Ratio Lower Upper

139 100

109 26.0 20.6 31.0

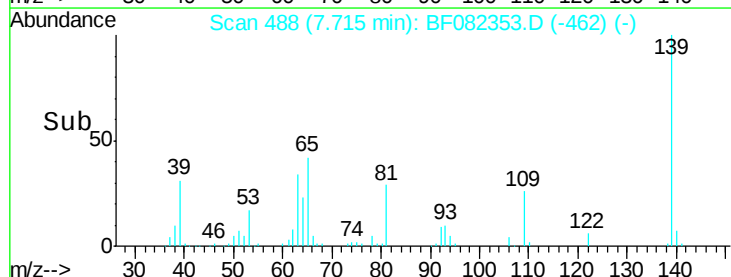
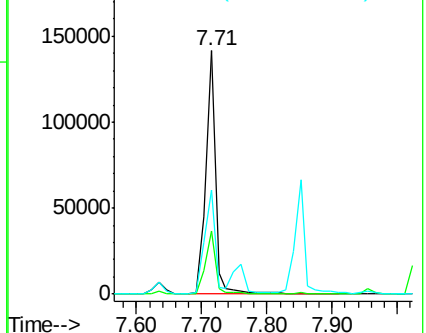
65 42.8 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.44 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

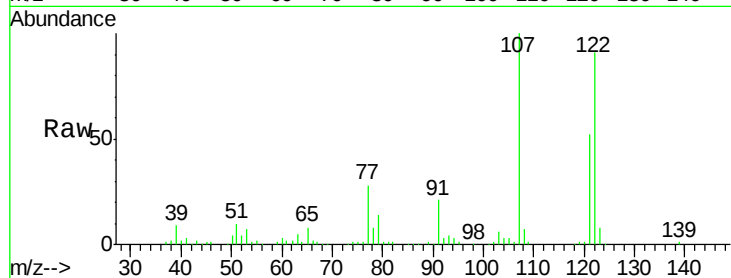
Tot Ion:122 Resp: 238536

Ion Ratio Lower Upper

122 100

107 110.4 94.0 141.0

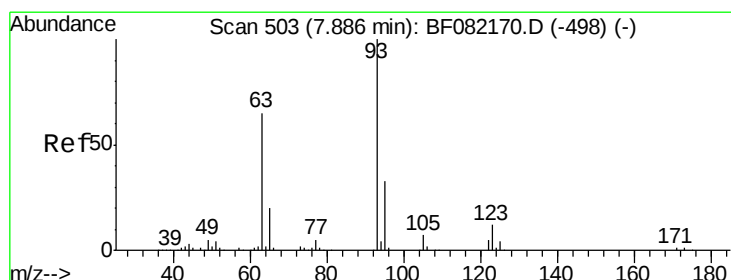
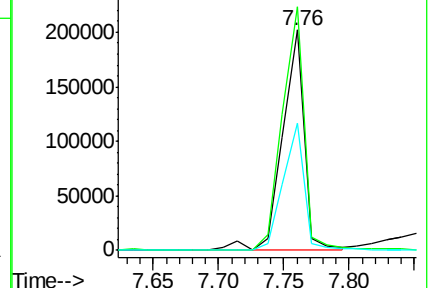
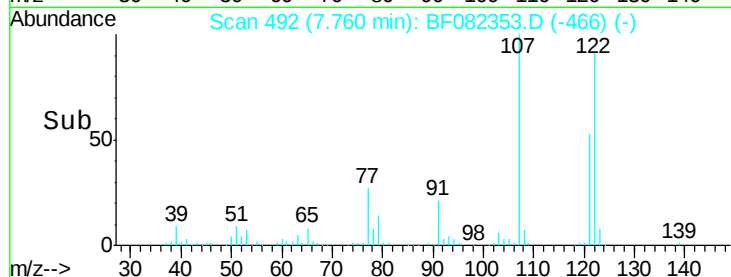
121 57.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.75 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

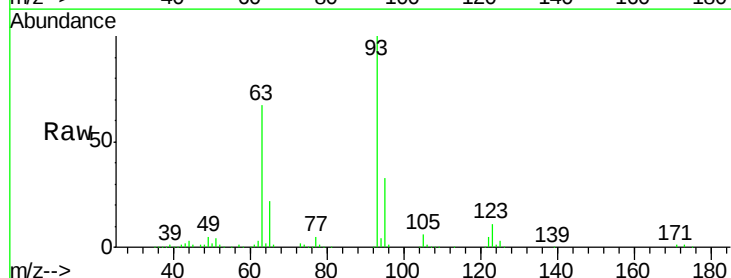
Tgt Ion: 93 Resp: 316898

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

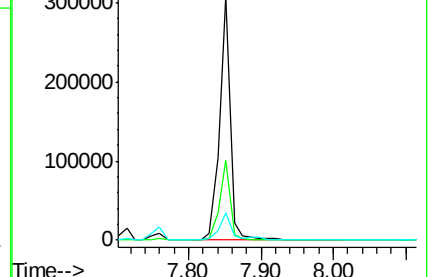
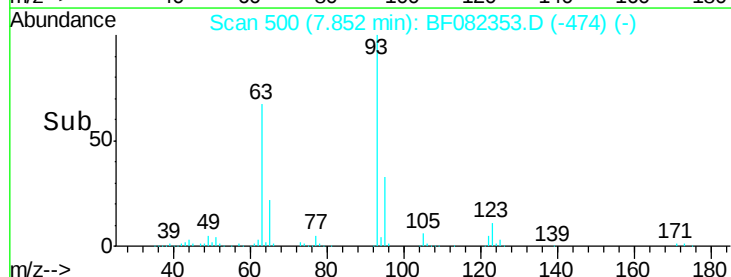
123 11.0 9.5 14.3

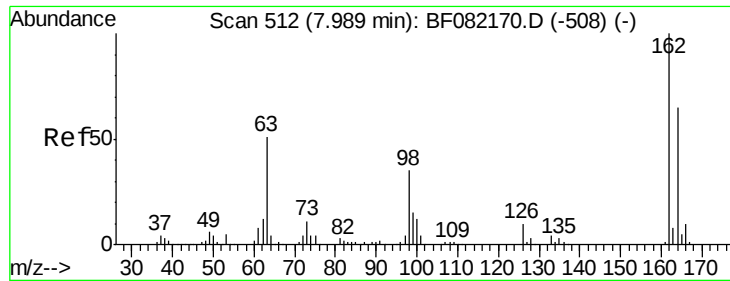


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

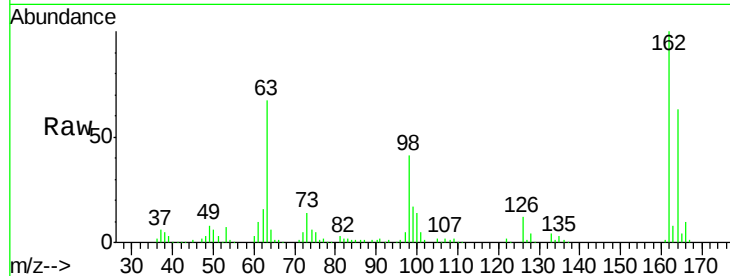




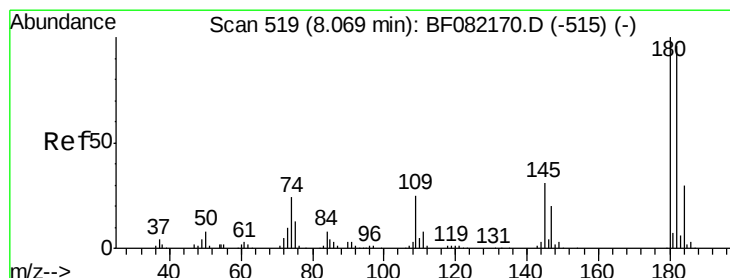
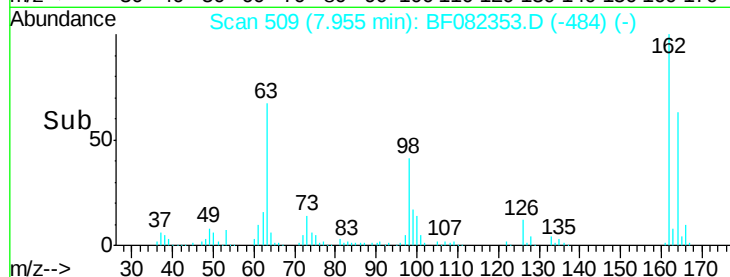
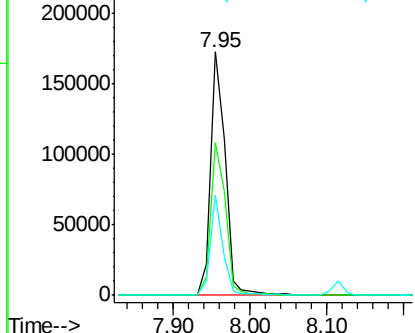
#29
 2,4-Dichlorophenol
 Concen: 44.07 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion:162 Resp: 226298
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.6 84.6
 98 41.2 15.0 55.0

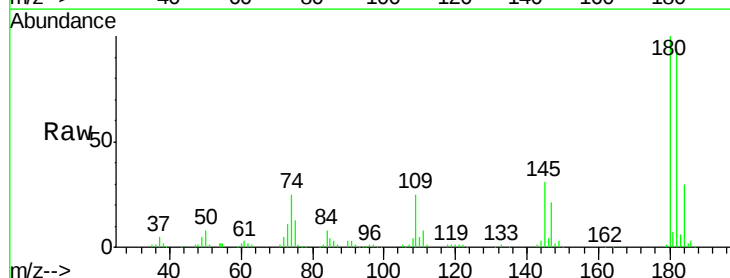


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

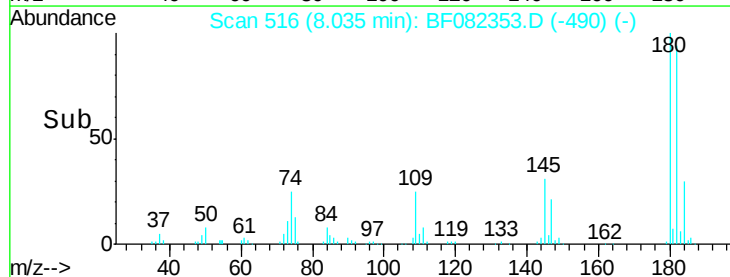
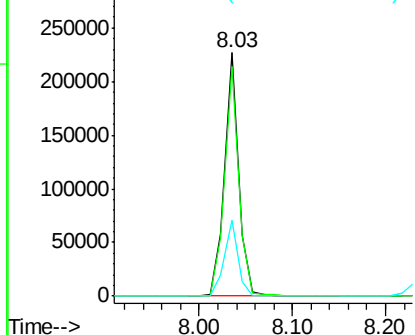


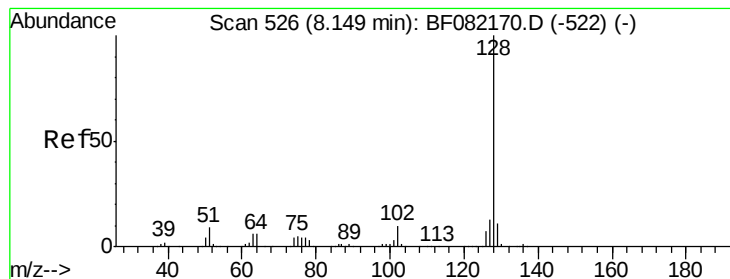
#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:180 Resp: 239364
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.0 115.4
 145 31.4 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: 40.93 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

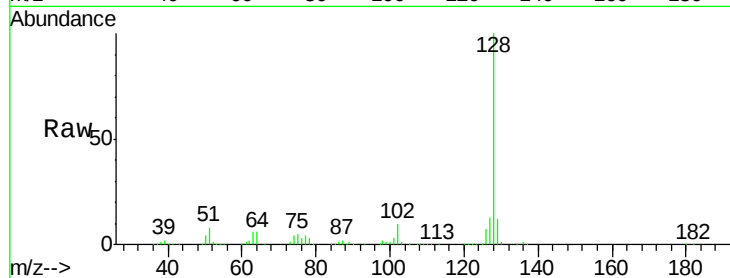
Tot Ion:128 Resp: 702792

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

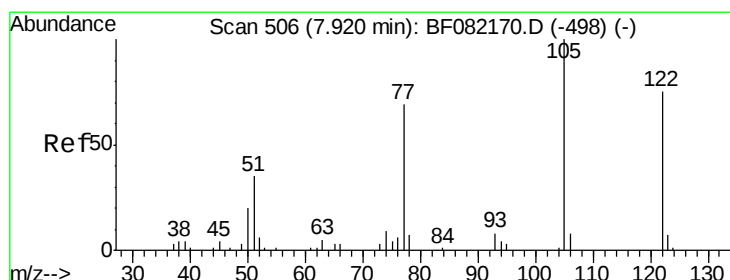
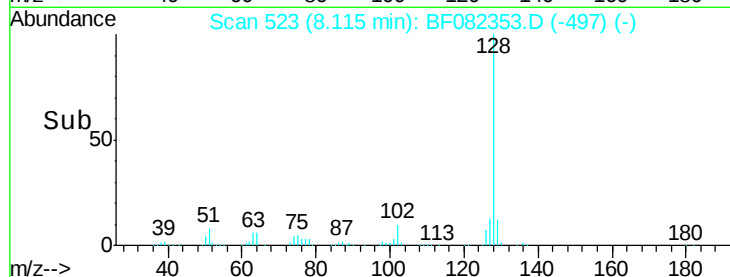
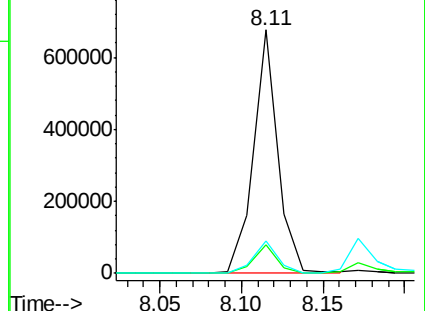
127 13.3 10.7 16.1



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: 37.25 ng

RT: 7.90 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

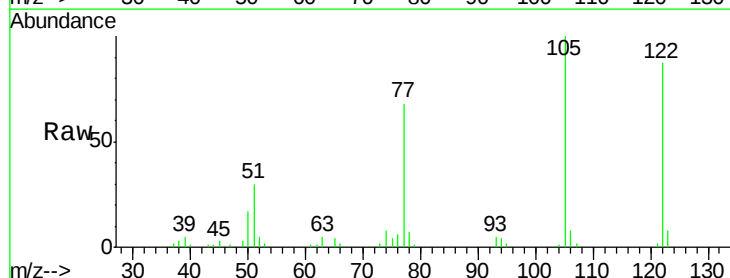
Tgt Ion:122 Resp: 128415

Ion Ratio Lower Upper

122 100

105 114.8 104.4 144.4

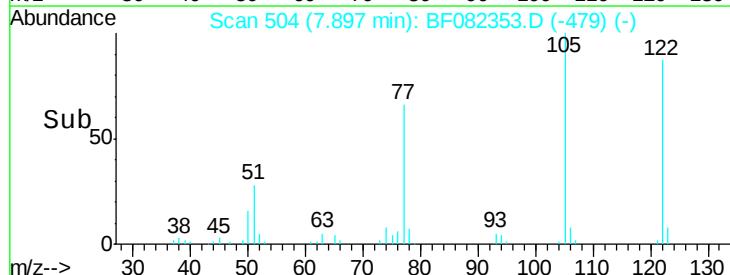
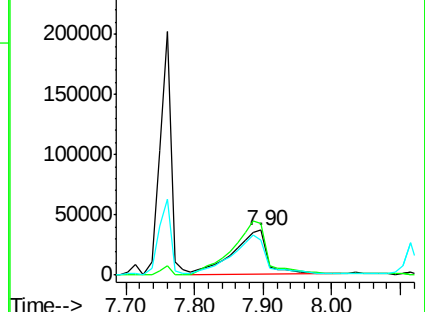
77 77.5 69.0 109.0



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

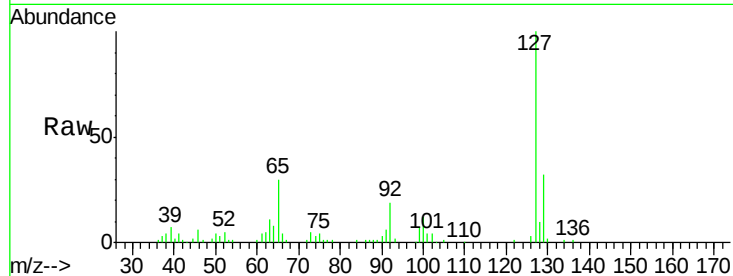




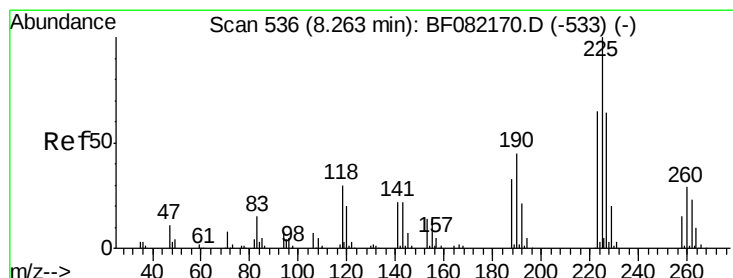
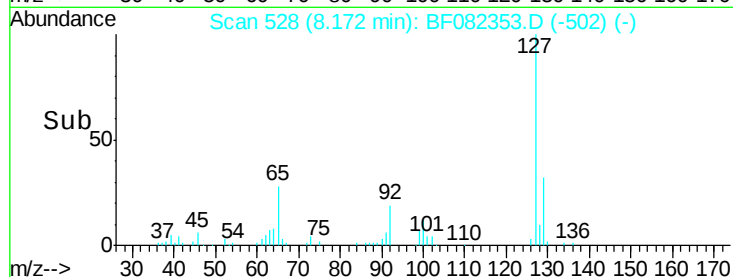
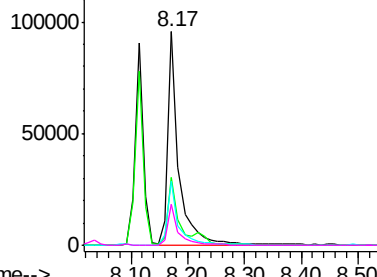
#33
4-Chloroaniline
Concen: 17.99 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion:	127	Resp:	128286
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	29.9	24.4	36.6
92	19.1	15.7	23.5

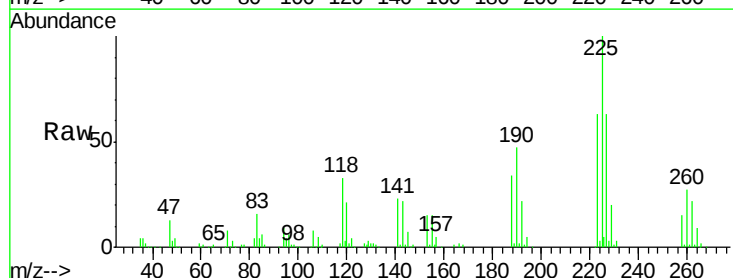


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

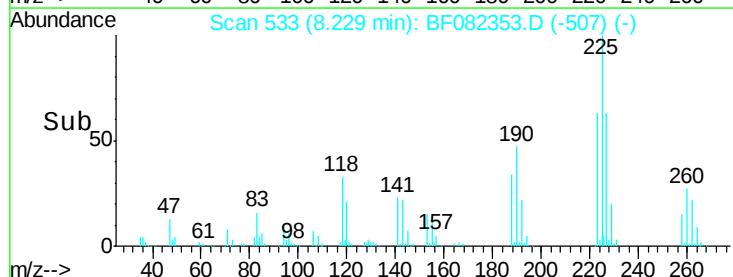
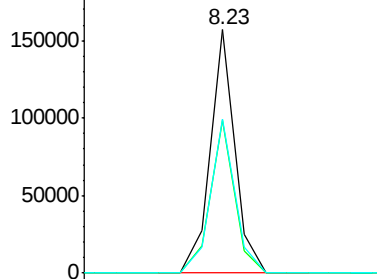


#34
Hexachlorobutadiene
Concen: 38.98 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion:	225	Resp:	143737
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.2
227	63.2	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: 34.82 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

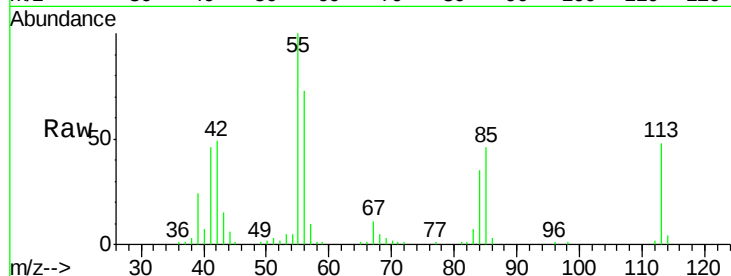
Tot Ion:113 Resp: 51882

Ion Ratio Lower Upper

113 100

55 207.7 149.7 189.7#

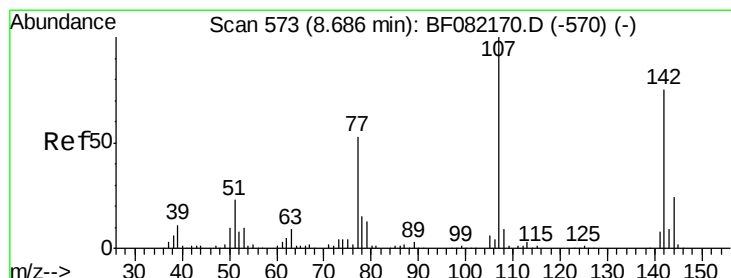
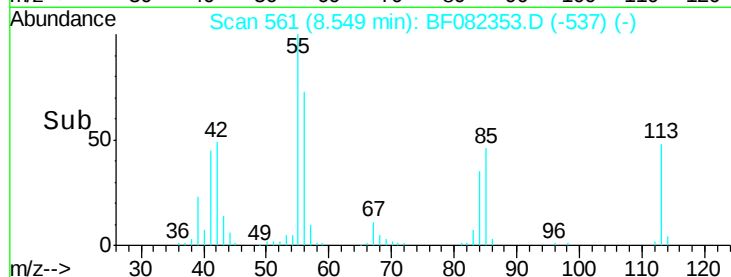
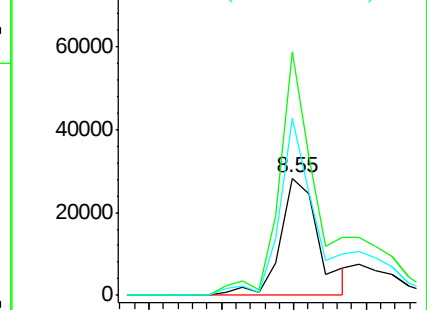
56 151.5 105.4 145.4#



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: 44.54 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

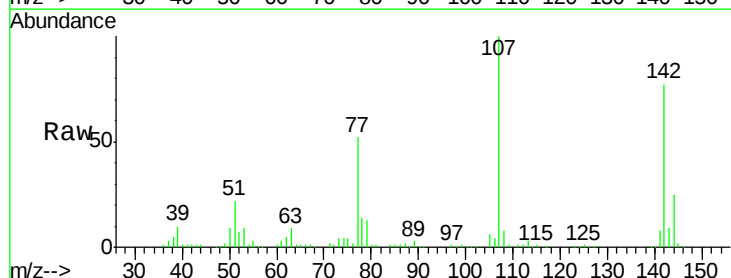
Tgt Ion:107 Resp: 223632

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

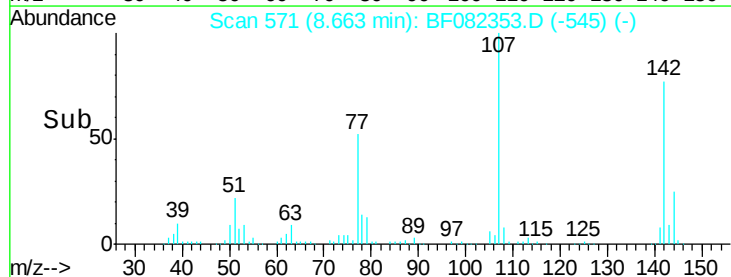
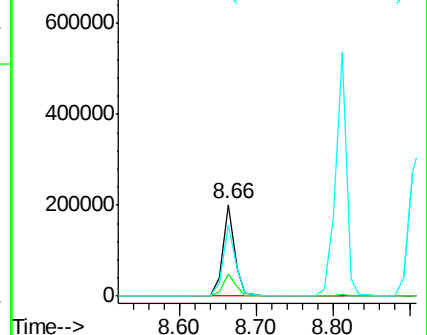
142 77.0 59.9 89.9

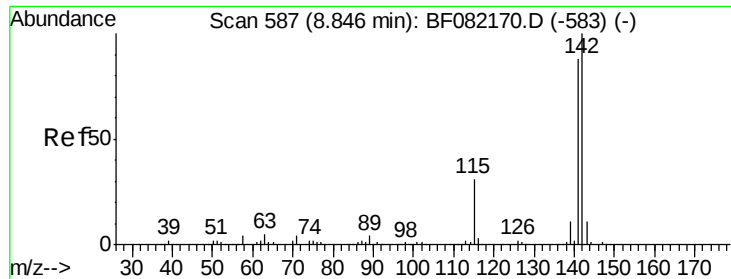


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

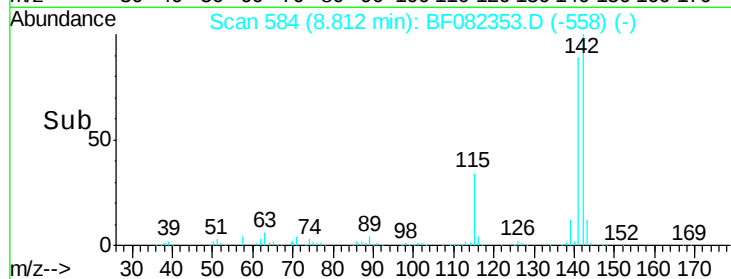
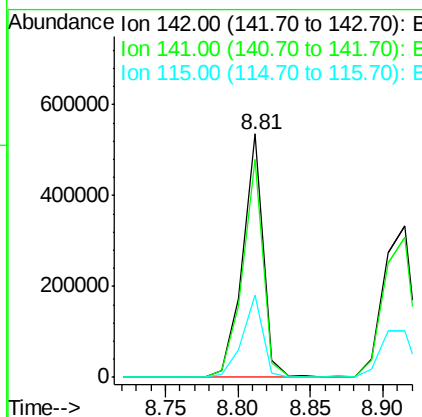
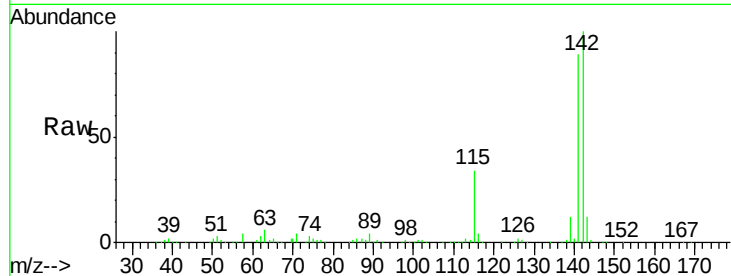




#37
2-Methylnaphthalene
Concen: 44.31 ng
RT: 8.81 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

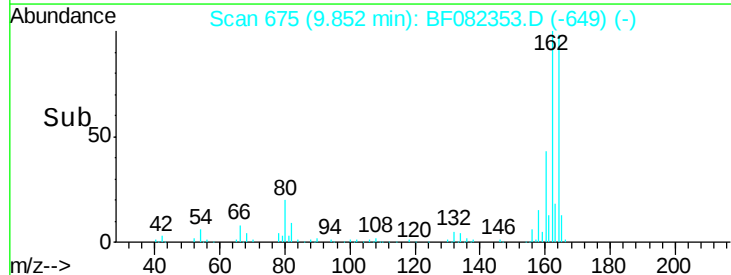
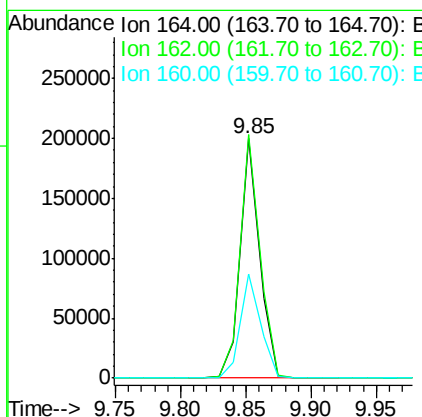
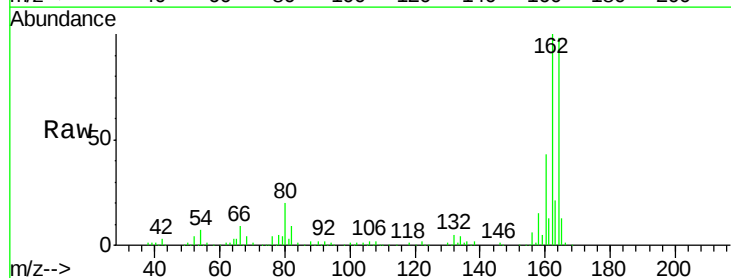
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

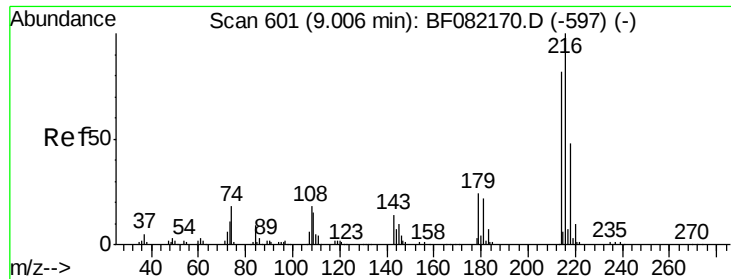
Tot Ion:142 Resp: 527426
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6
115 33.6 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion:164 Resp: 205619
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 43.6 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

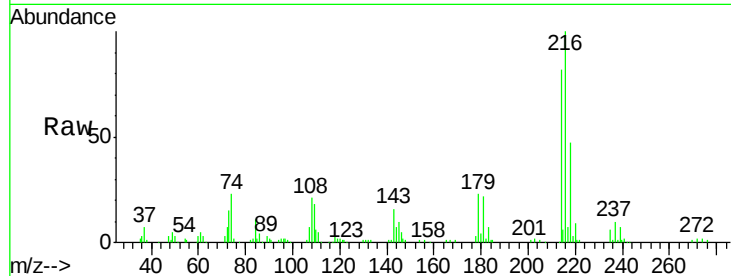
Instrument :

BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:216	Resp:	246064
Ion Ratio	Lower	Upper
216	100	
214	79.0	64.6 97.0
179	20.1	17.6 26.4
108	17.7	14.5 21.7

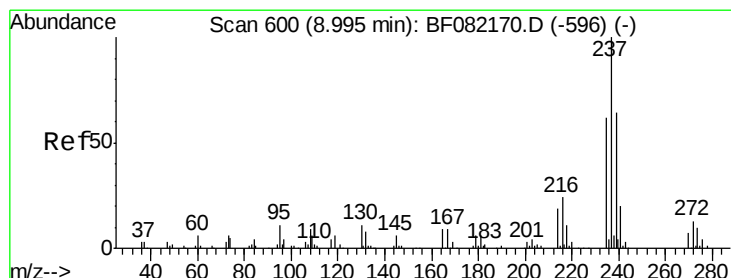
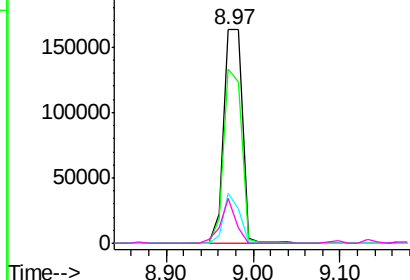
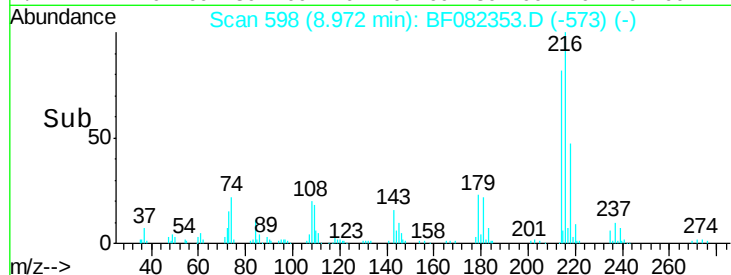


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 66.94 ng

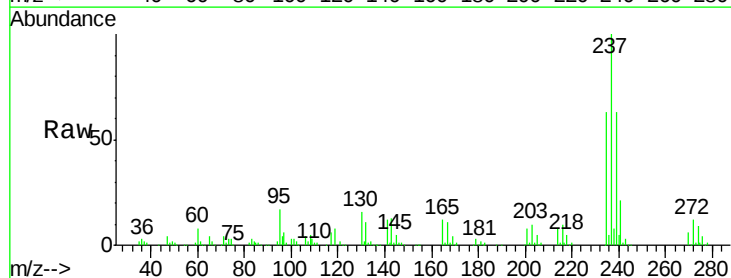
RT: 8.96 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

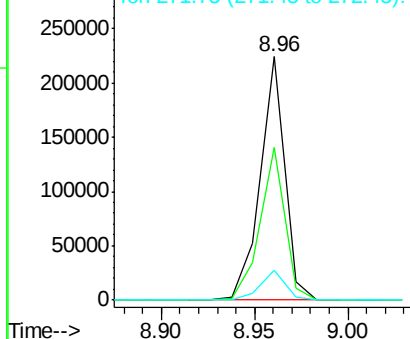
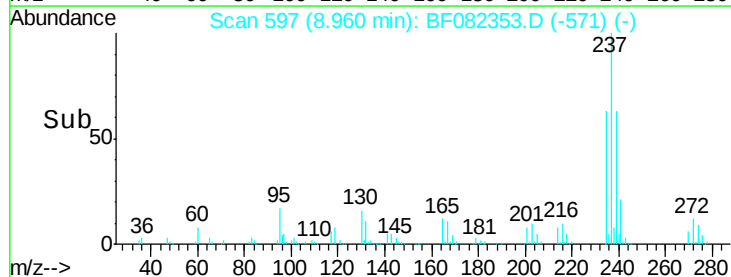
Tgt Ion:237	Resp:	202487
Ion Ratio	Lower	Upper
237	100	
235	62.6	41.7 81.7
272	12.0	0.0 32.8

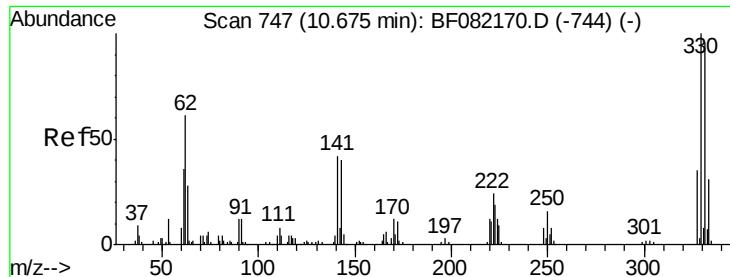


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

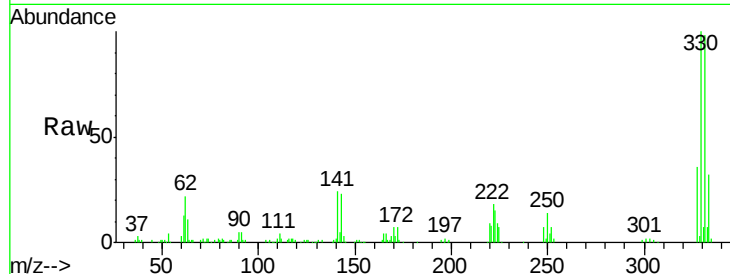




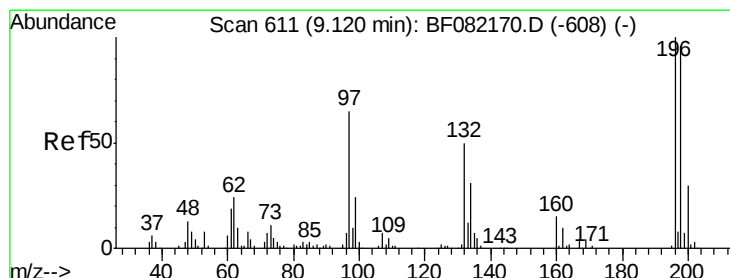
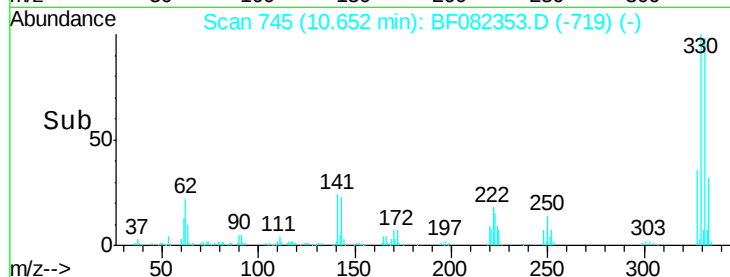
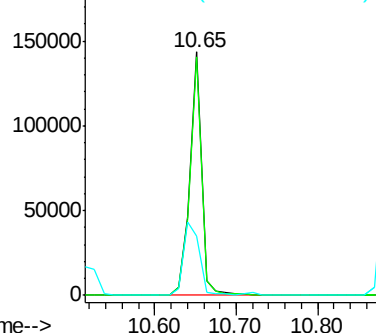
#41
 2,4,6-Tribromophenol
 Concen: 75.15 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	41.2	29.8	44.8

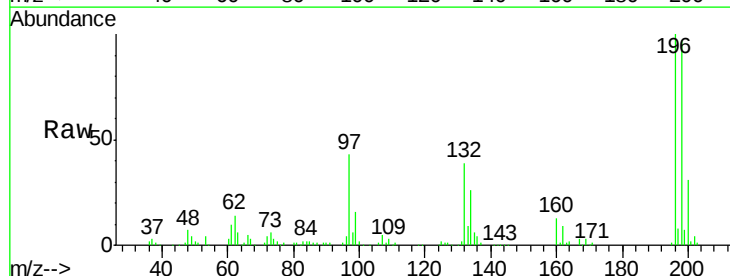


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

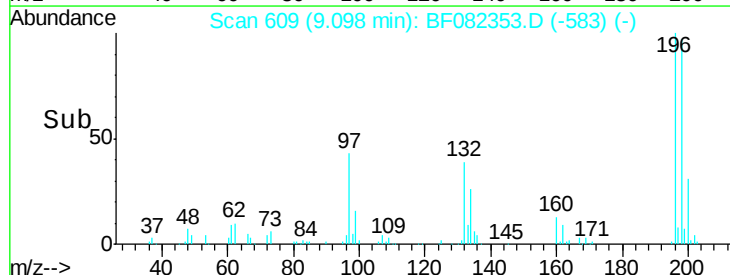
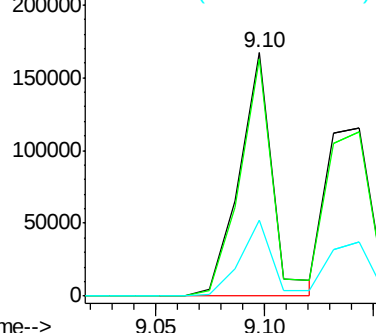


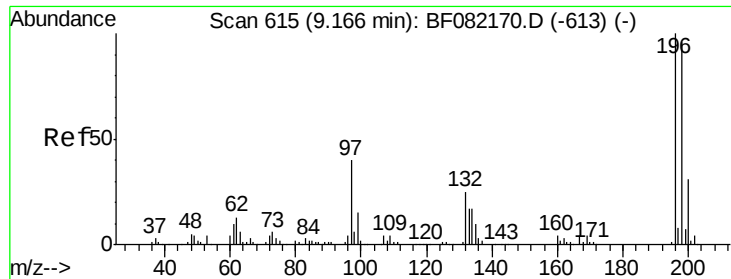
#42
 2,4,6-Trichlorophenol
 Concen: 43.78 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.1	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

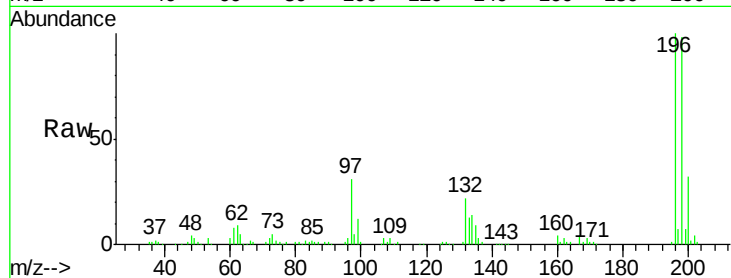




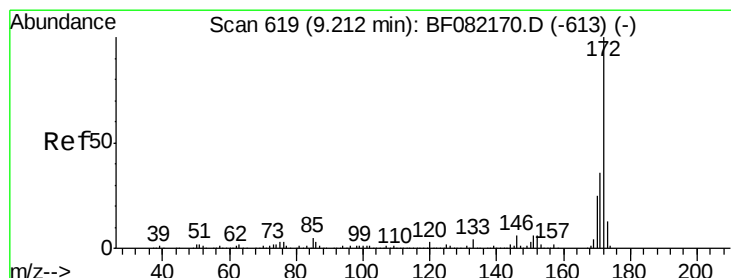
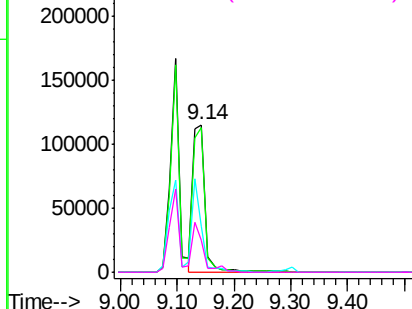
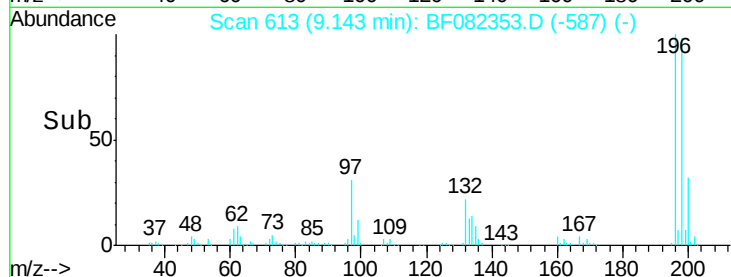
#43
 2,4,5-Trichlorophenol
 Concen: 40.39 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion:196 Resp: 177738
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.0 115.4
 97 31.2 31.9 47.9#
 132 21.7 20.3 30.5

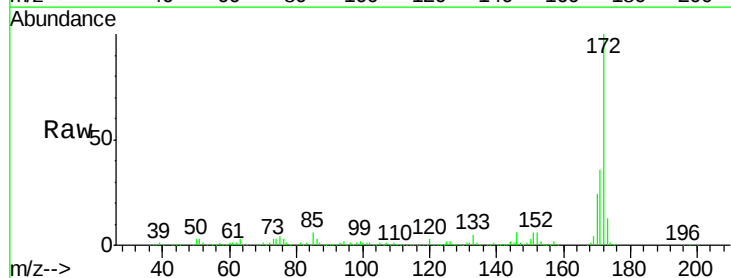


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

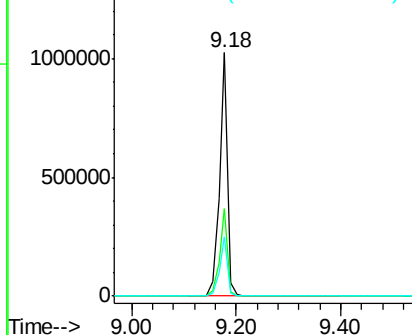
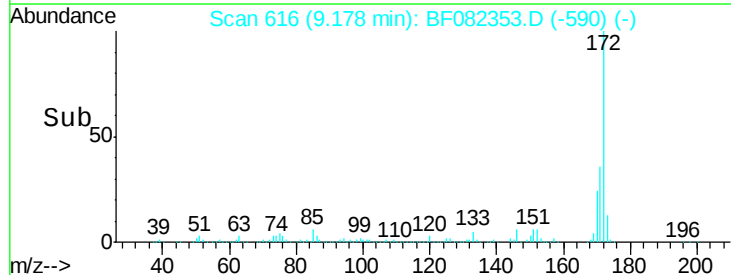


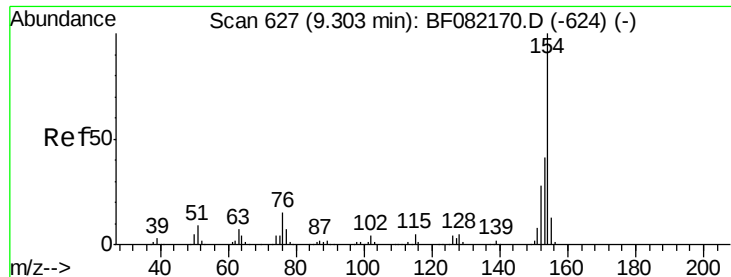
#44
 2-Fluorobiphenyl
 Concen: 87.32 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:172 Resp: 1082616
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.4 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: 41.41 ng

RT: 9.28 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

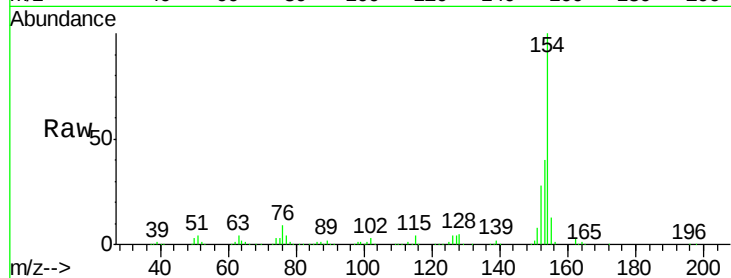
Tot Ion:154 Resp: 649319

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

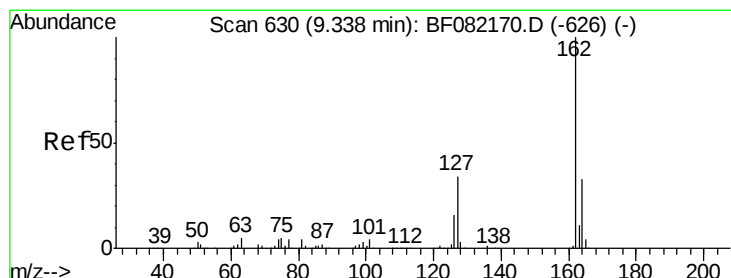
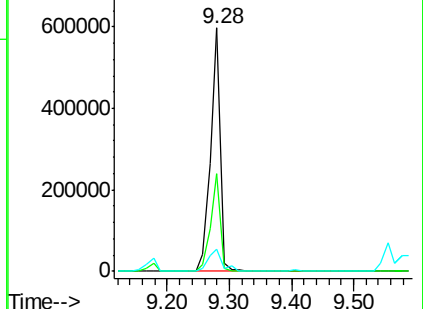
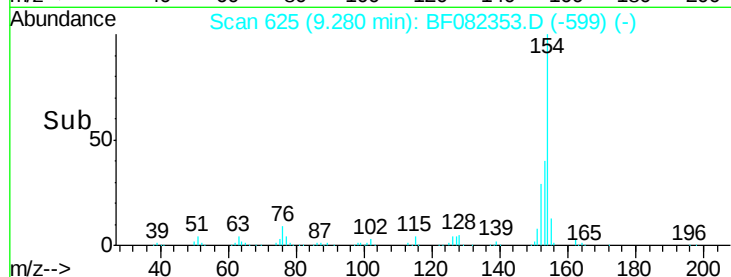
76 8.9 0.0 35.2



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: 41.75 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

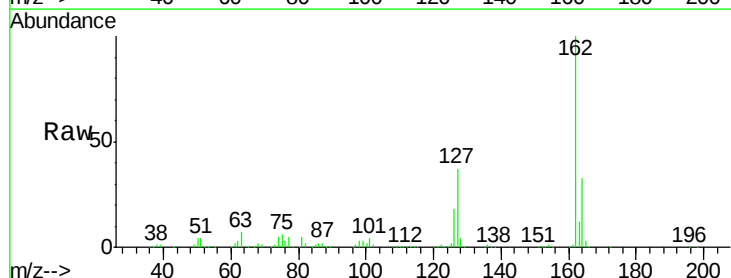
Tgt Ion:162 Resp: 515385

Ion Ratio Lower Upper

162 100

127 37.0 27.5 41.3

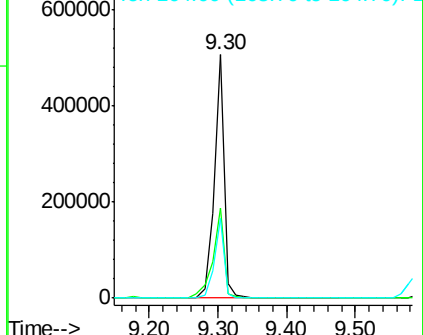
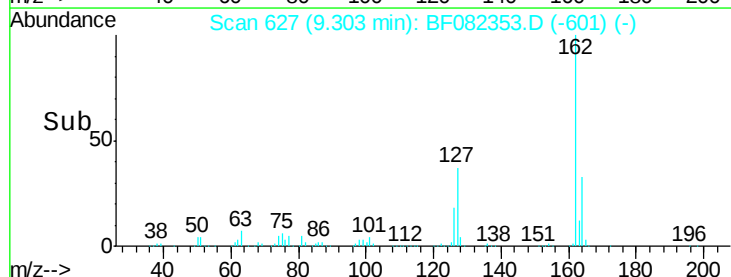
164 32.7 26.6 39.8

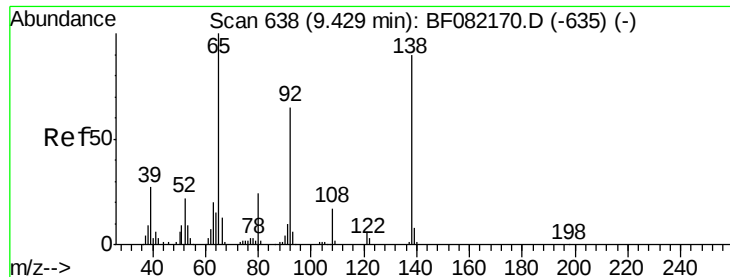


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

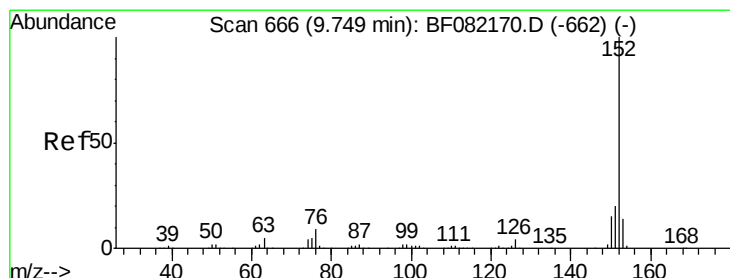
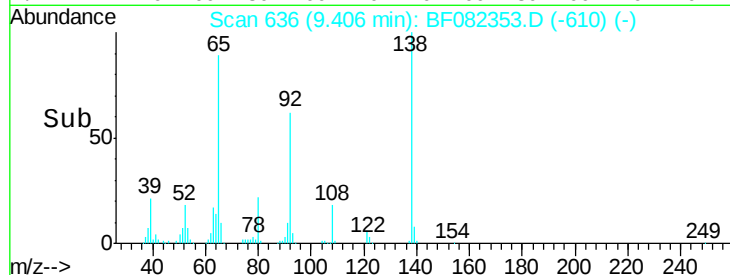
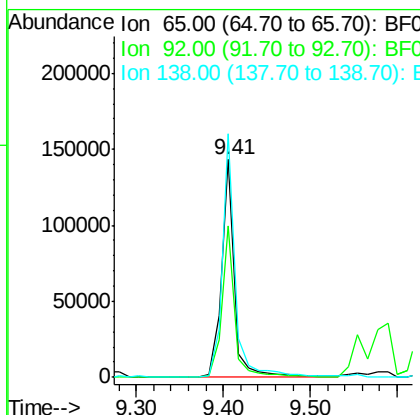
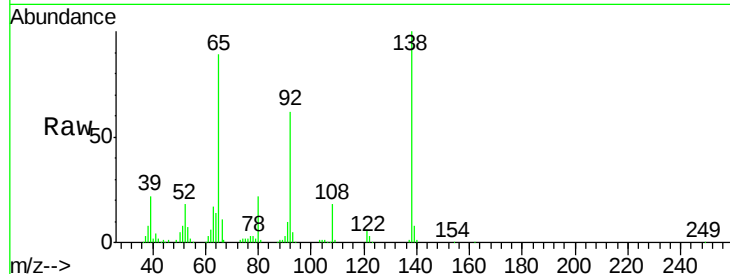




#47
2-Nitroaniline
Concen: 45.14 ng
RT: 9.41 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

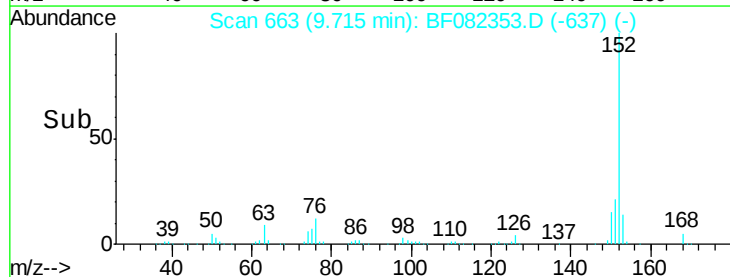
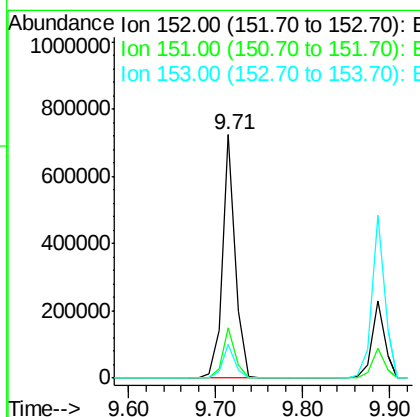
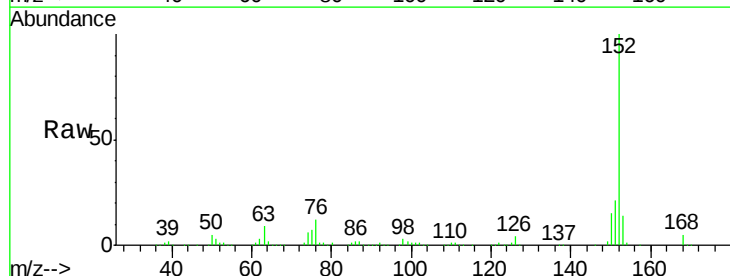
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

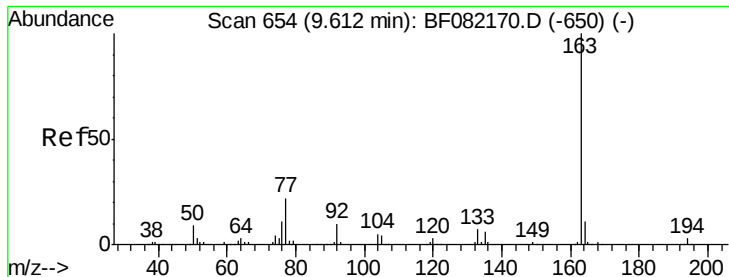
Tot Ion: 65 Resp: 152955
Ion Ratio Lower Upper
65 100
92 69.8 52.3 78.5
138 112.0 72.2 108.4#



#48
Acenaphthylene
Concen: 39.10 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion: 152 Resp: 751795
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 43.56 ng

RT: 9.59 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

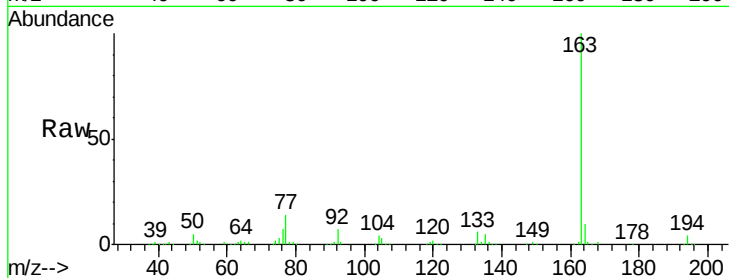
Tot Ion:163 Resp: 630732

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

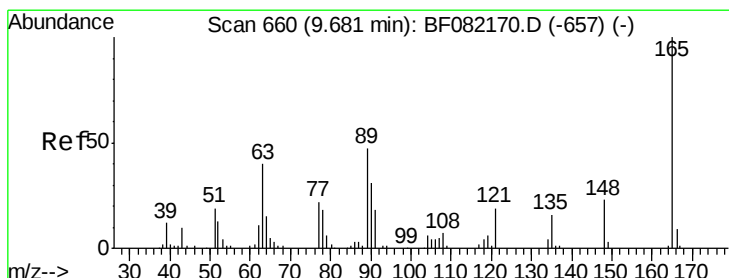
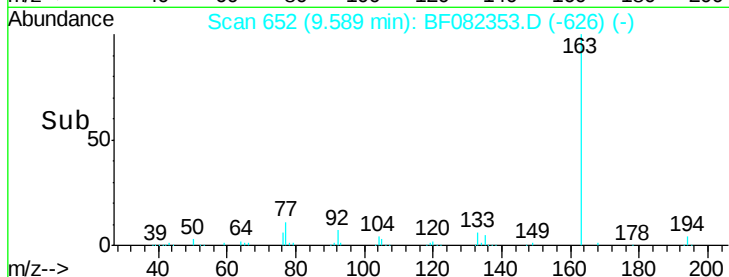
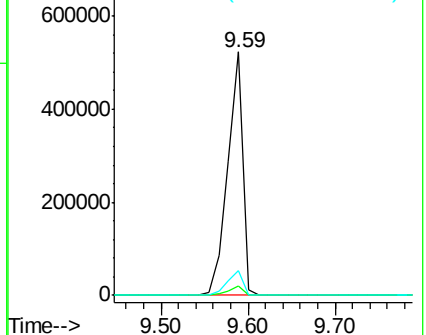
164 9.9 8.5 12.7



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: 39.59 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

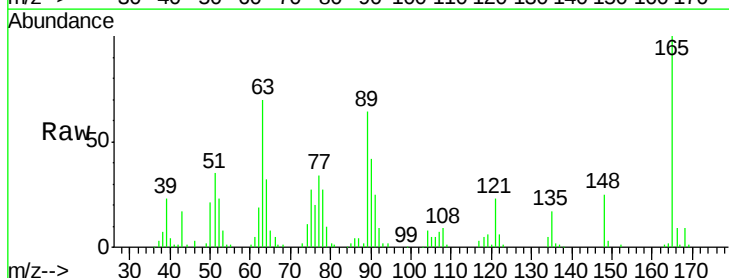
Tgt Ion:165 Resp: 120963

Ion Ratio Lower Upper

165 100

63 70.3 36.7 55.1#

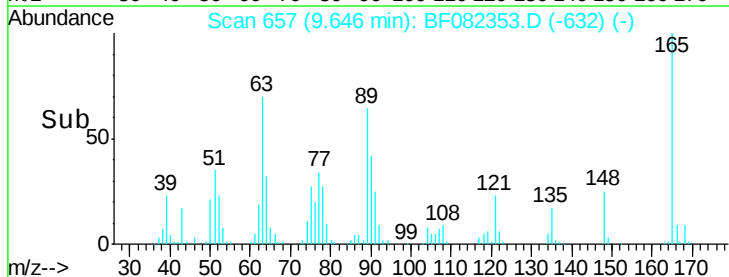
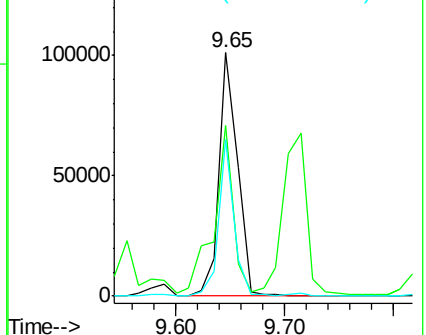
89 64.2 37.8 56.6#

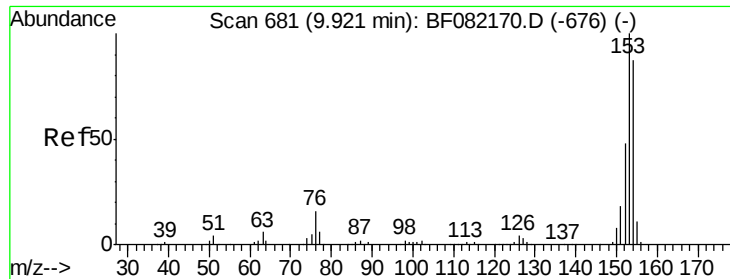


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.66 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

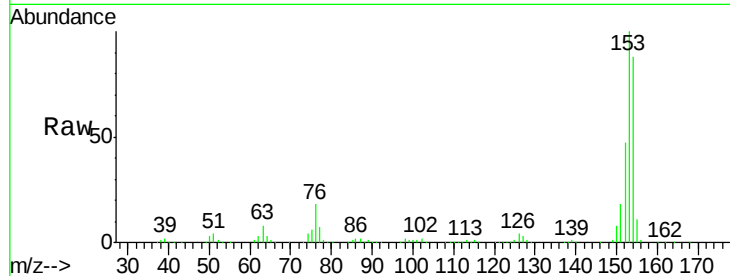
Tot Ion:154 Resp: 446290

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

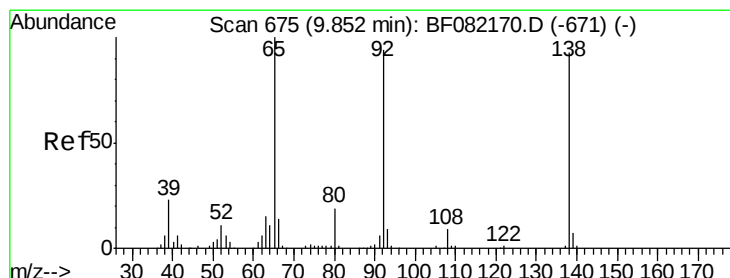
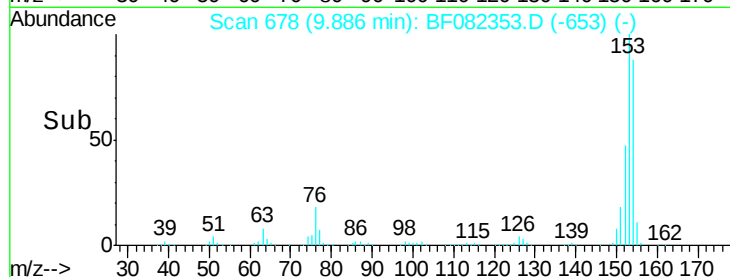
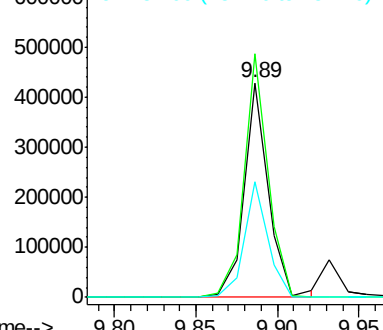
152 53.9 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.52 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

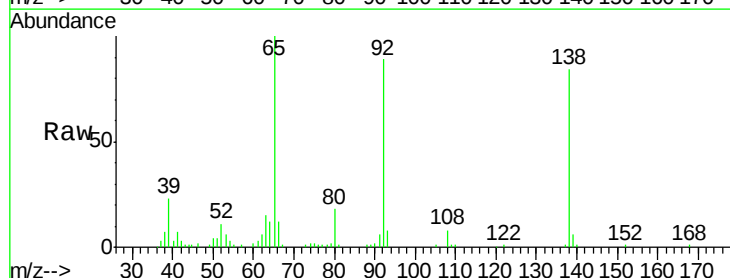
Tgt Ion:138 Resp: 63922

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.0

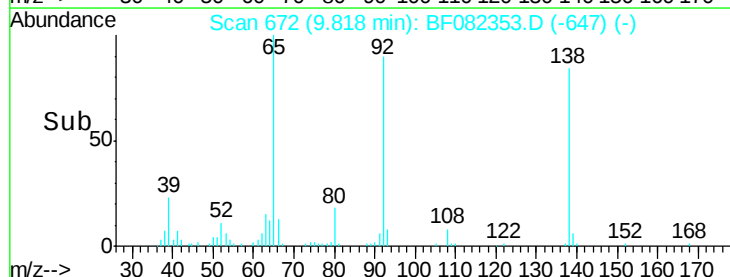
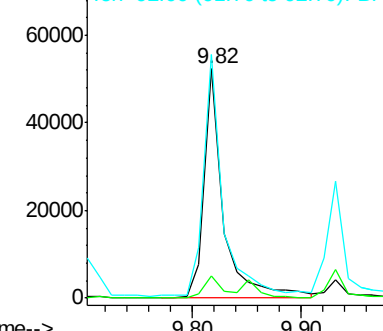
92 106.3 81.3 121.9



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

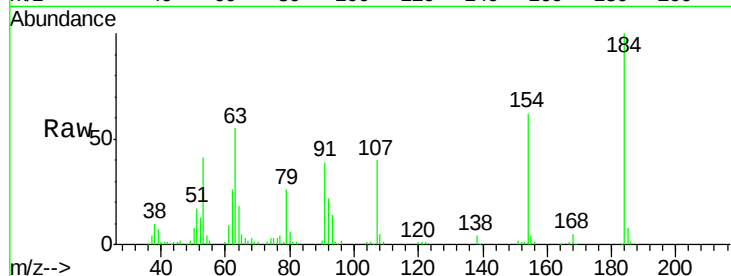




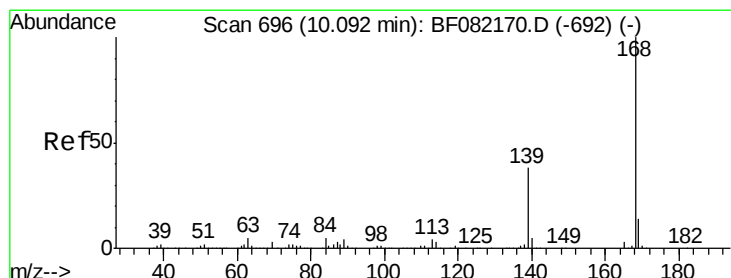
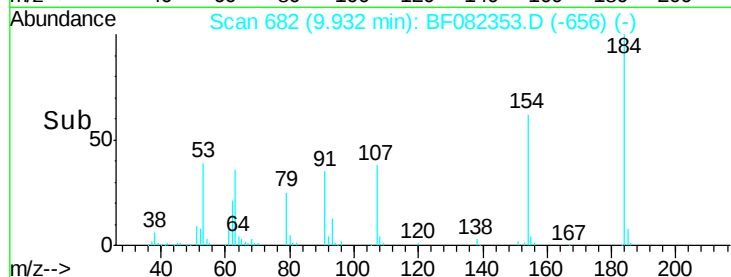
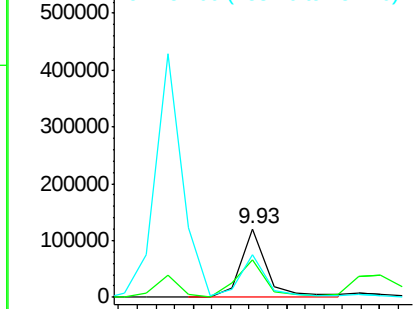
#53
2,4-Dinitrophenol
Concen: 70.94 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB86128BSD

Tot Ion:184 Resp: 119765
Ion Ratio Lower Upper
184 100
63 54.8 45.1 67.7
154 61.6 51.2 76.8

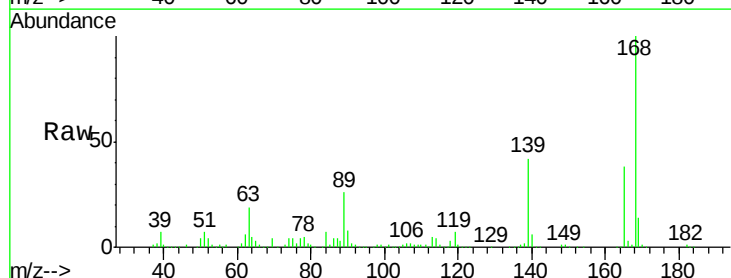


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

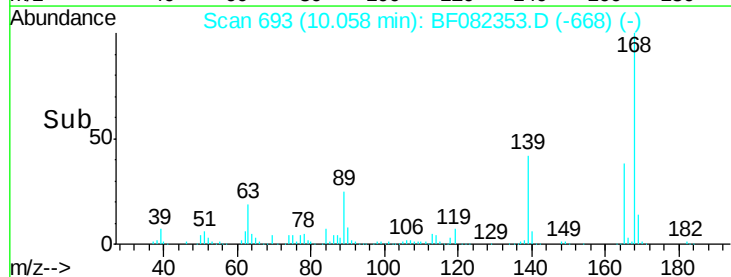
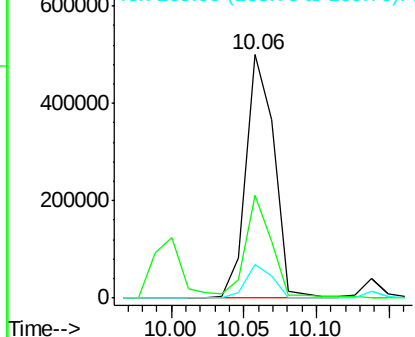


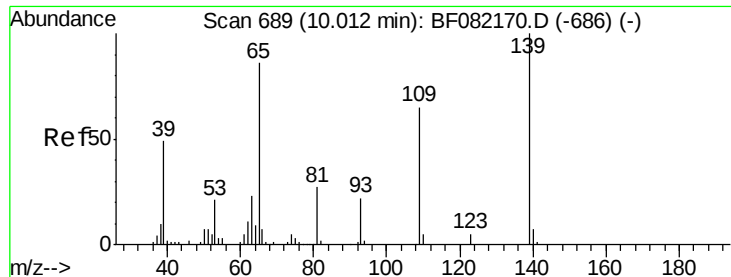
#54
Dibenzofuran
Concen: 42.40 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion:168 Resp: 671988
Ion Ratio Lower Upper
168 100
139 42.0 31.0 46.6
169 13.8 10.9 16.3



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

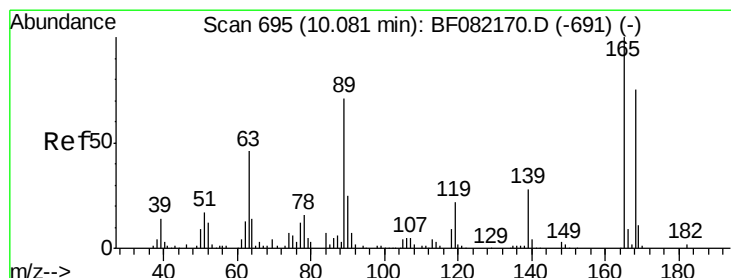
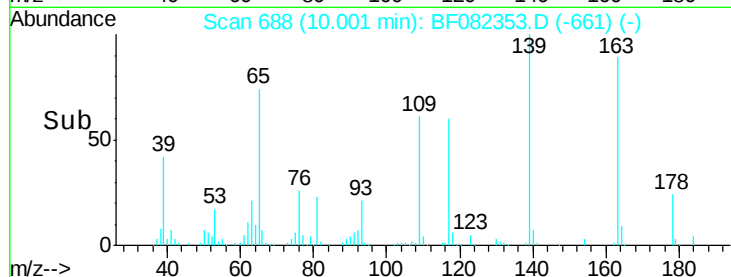
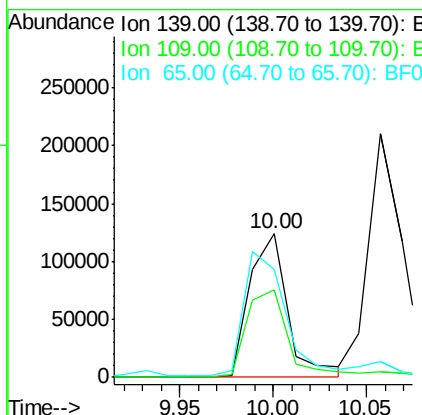
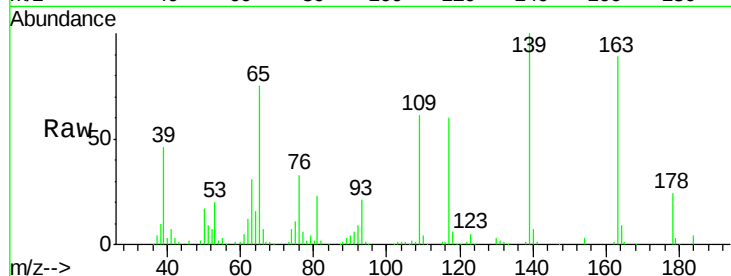




#55
4-Nitrophenol
Concen: 75.30 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

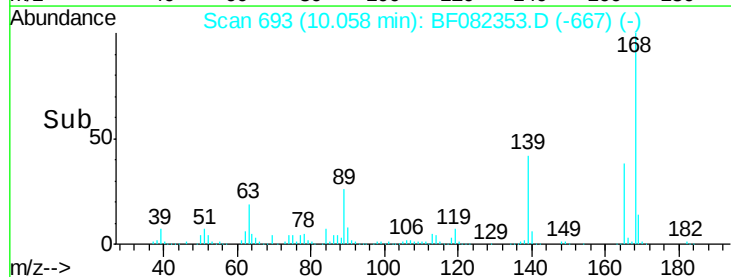
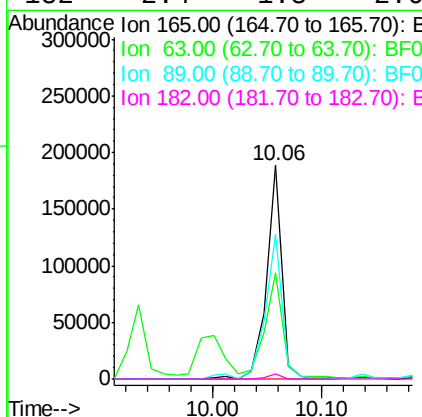
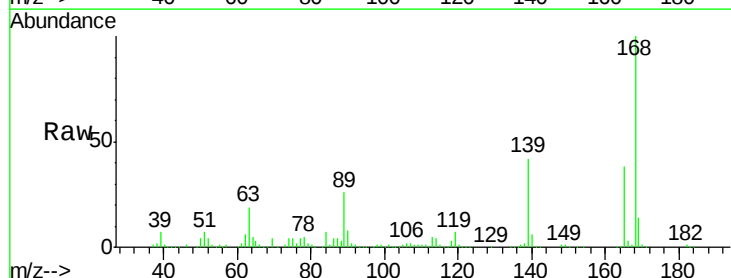
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

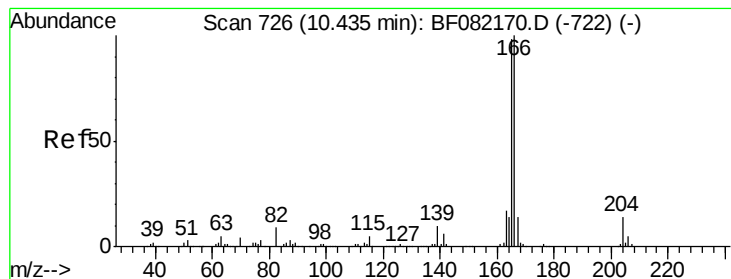
Tot Ion:139 Resp: 175339
Ion Ratio Lower Upper
139 100
109 61.2 44.8 84.8
65 75.2 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 48.94 ng
RT: 10.06 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion:165 Resp: 186879
Ion Ratio Lower Upper
165 100
63 49.6 38.6 58.0
89 67.6 57.0 85.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 41.12 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

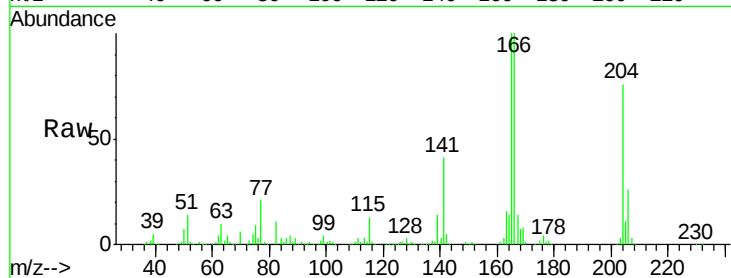
Tot Ion:166 Resp: 535274

Ion Ratio Lower Upper

166 100

165 100.3 78.3 117.5

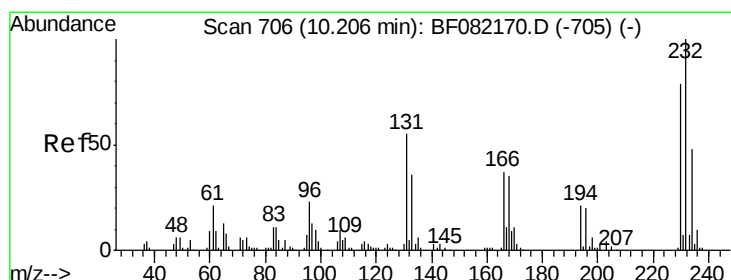
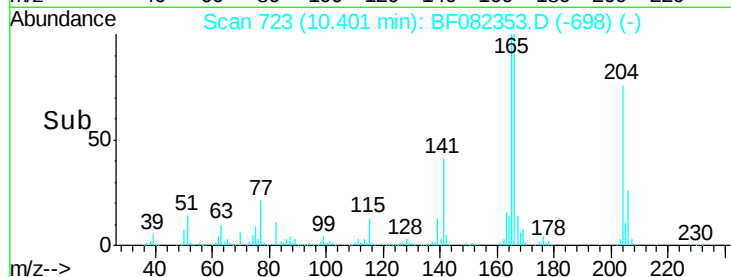
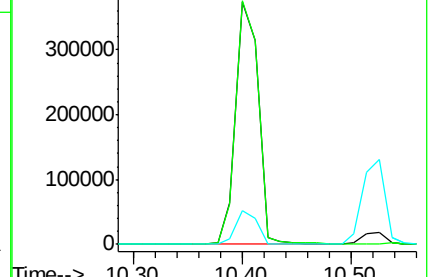
167 14.1 10.8 16.2



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: 42.41 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:232 Resp: 152490

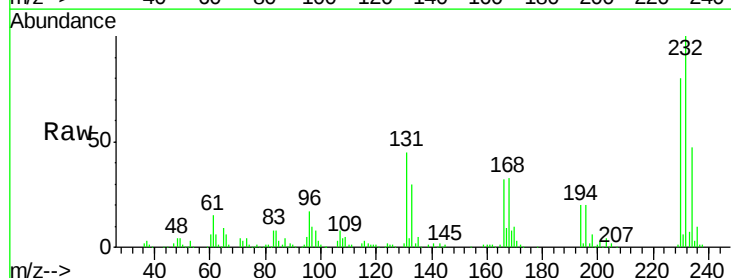
Ion Ratio Lower Upper

232 100

131 45.5 36.6 54.8

130 2.0 1.5 2.3

166 30.6 24.6 37.0

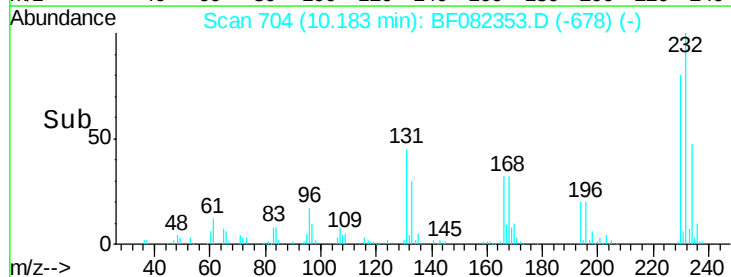
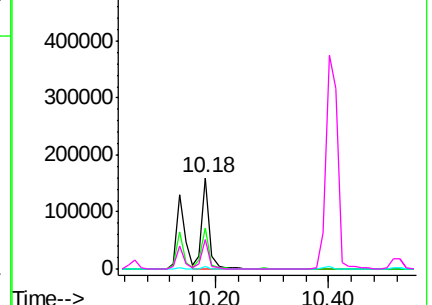


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.60 ng

RT: 10.29 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

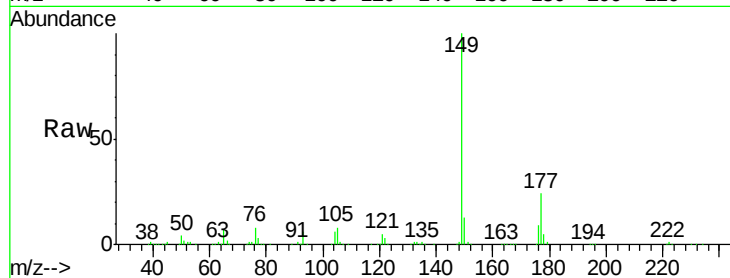
Tot Ion:149 Resp: 628938

Ion Ratio Lower Upper

149 100

177 23.5 17.6 26.4

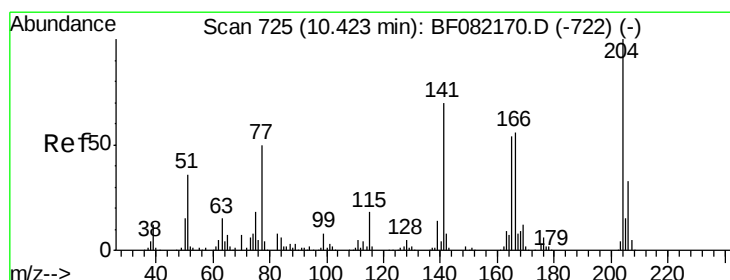
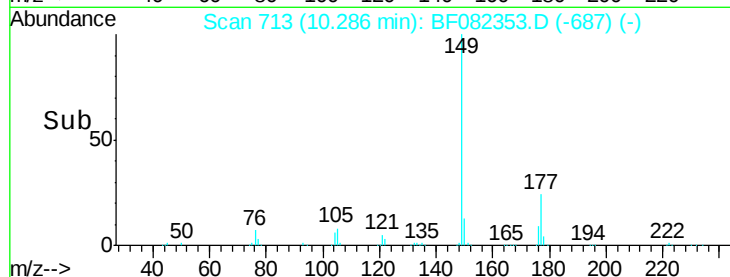
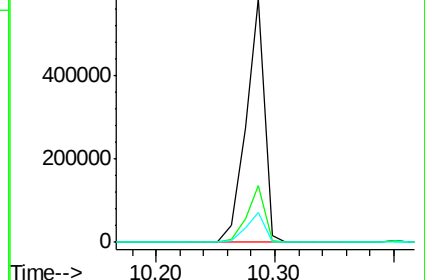
150 12.5 10.3 15.5



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: 46.55 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

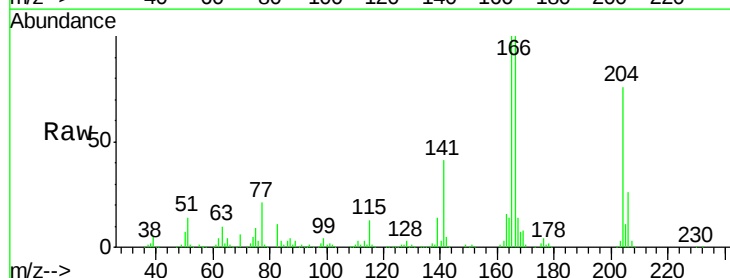
Tgt Ion:204 Resp: 277559

Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

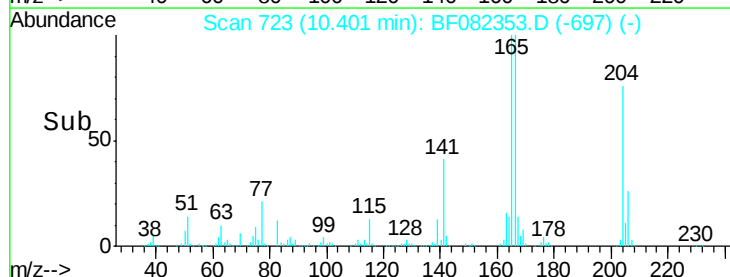
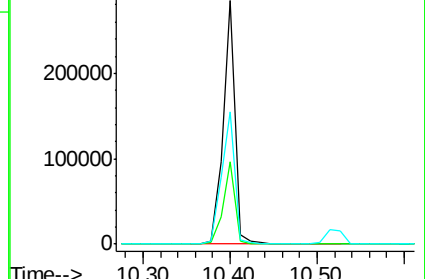
141 54.2 56.1 84.1#



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: 36.92 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

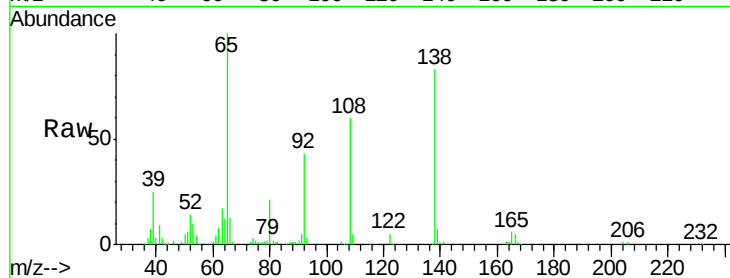
Tot Ion:138 Resp: 123595

Ion Ratio Lower Upper

138 100

92 51.5 26.8 66.8

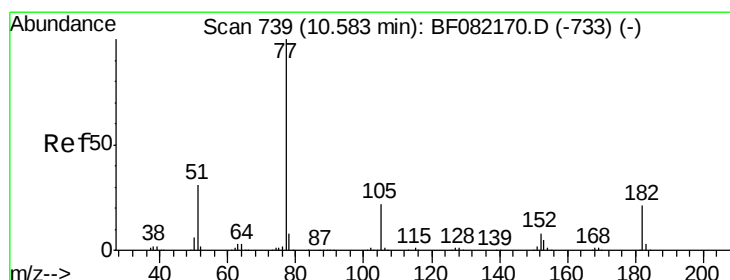
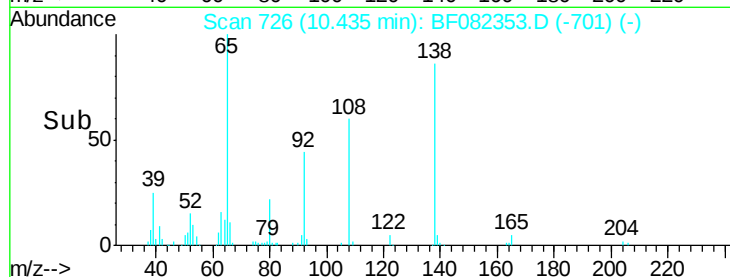
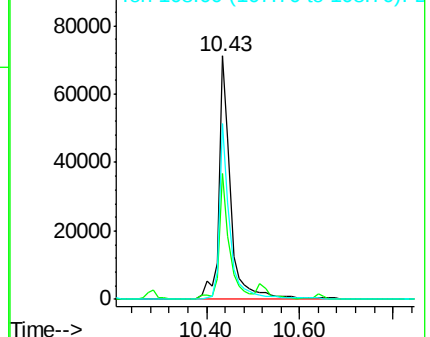
108 71.9 48.4 88.4



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: 45.20 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion: 77 Resp: 597114

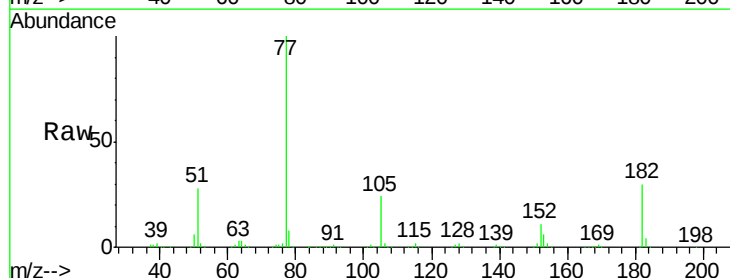
Ion Ratio Lower Upper

77 100

182 30.2 0.5 40.5

105 24.1 1.8 41.8

51 28.2 11.2 51.2

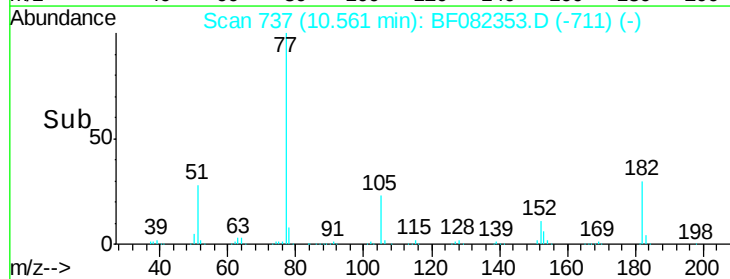
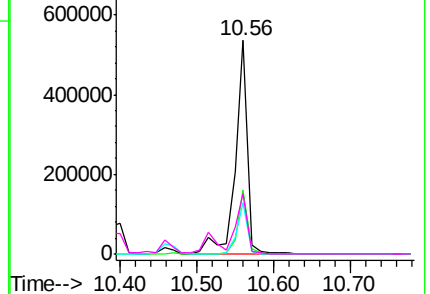


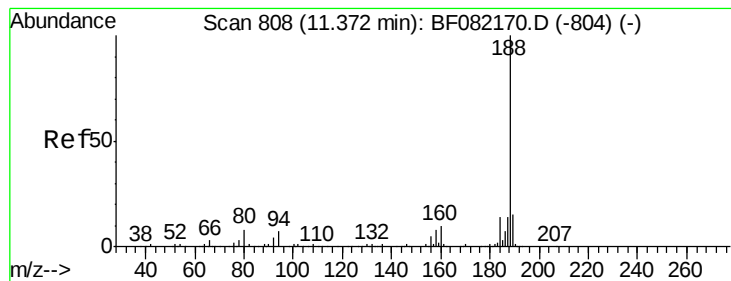
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.35 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

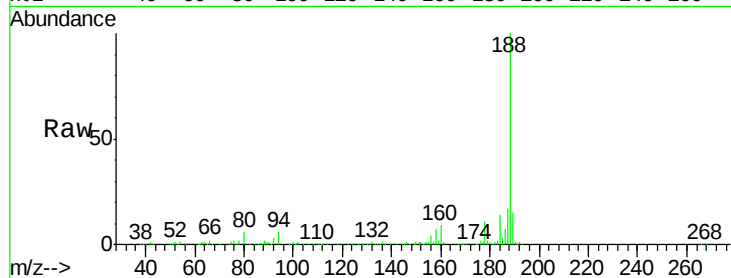
Tot Ion:188 Resp: 392022

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.6#

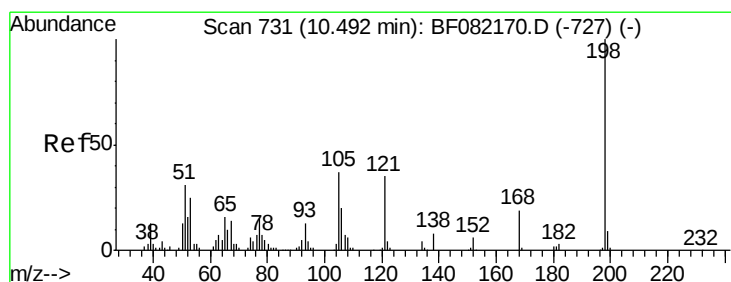
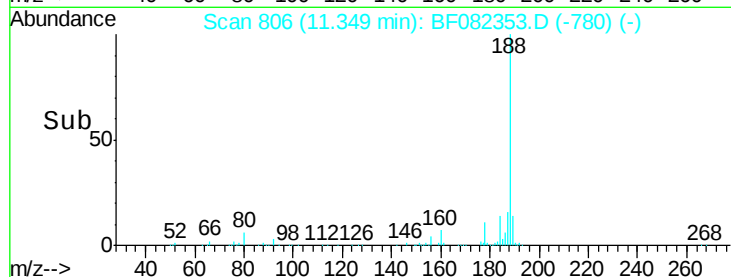
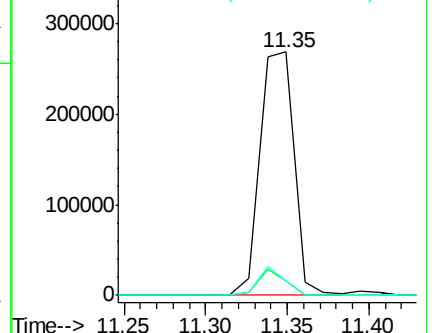
80 6.1 6.4 9.6#



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: 40.51 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

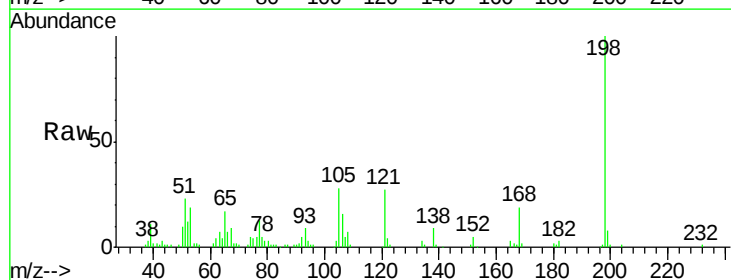
Tgt Ion:198 Resp: 89132

Ion Ratio Lower Upper

198 100

51 22.7 13.6 53.6

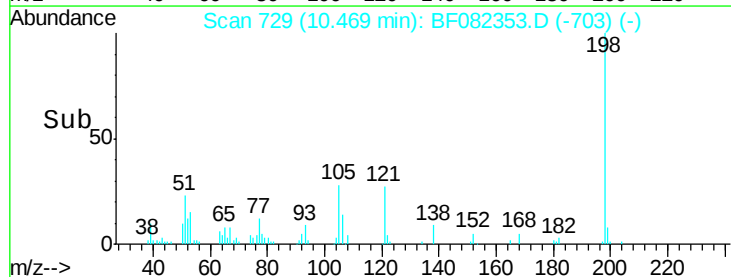
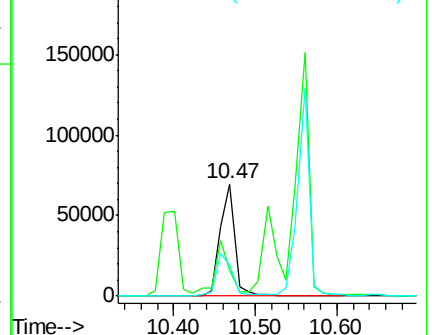
105 27.6 17.1 57.1

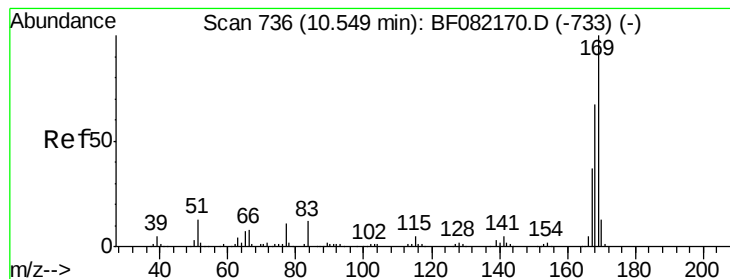


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.71 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

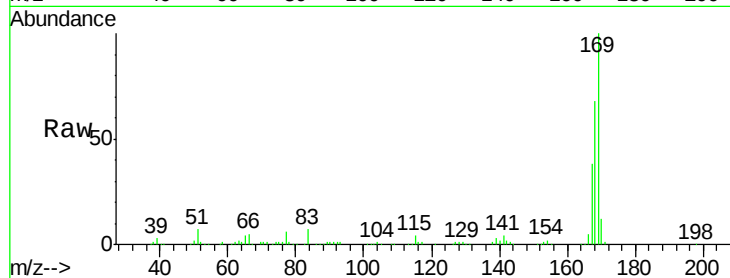
Tot Ion:169 Resp: 501250

Ion Ratio Lower Upper

169 100

168 67.7 54.0 81.0

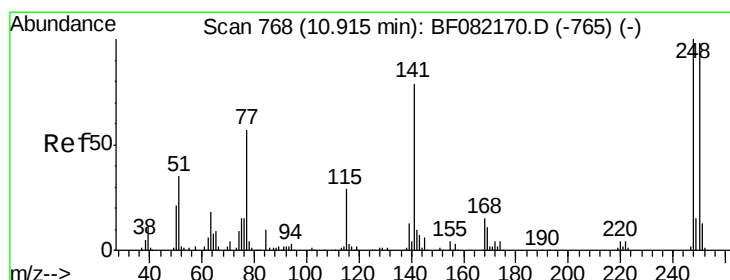
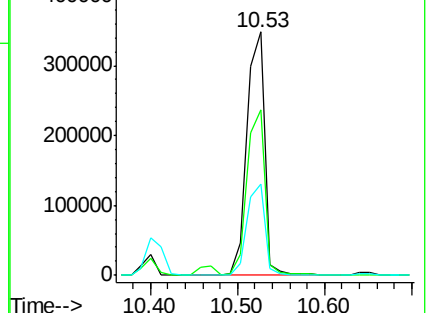
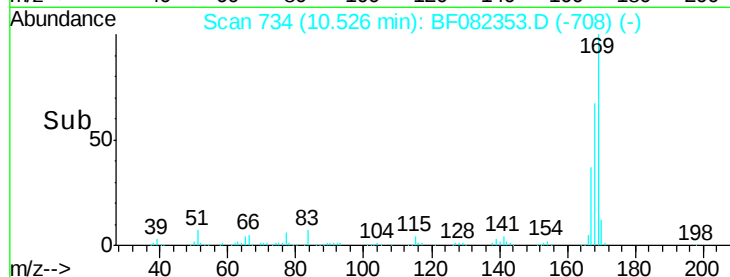
167 37.6 29.6 44.4



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: 42.66 ng

RT: 10.89 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

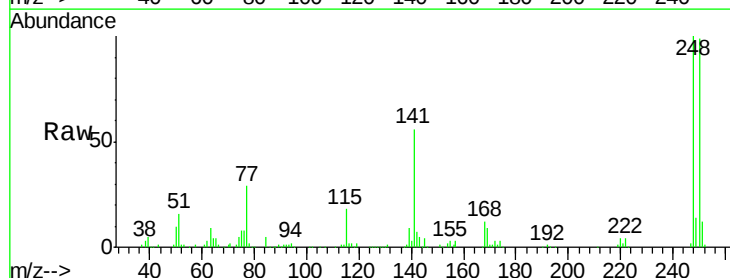
Tgt Ion:248 Resp: 167381

Ion Ratio Lower Upper

248 100

250 98.5 78.6 117.8

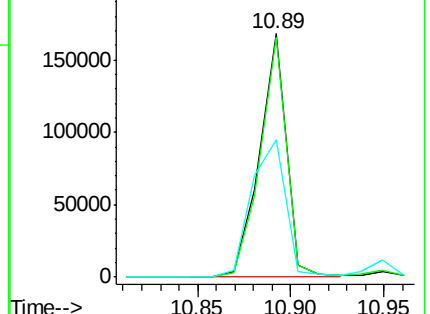
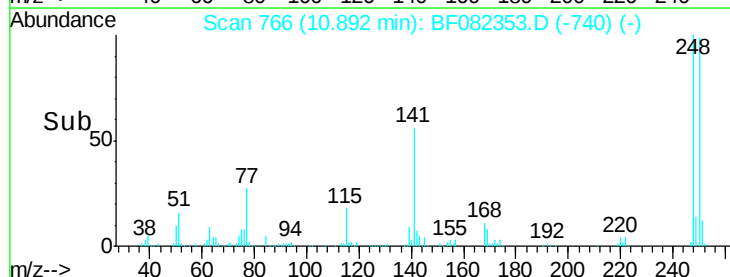
141 56.4 63.3 94.9#

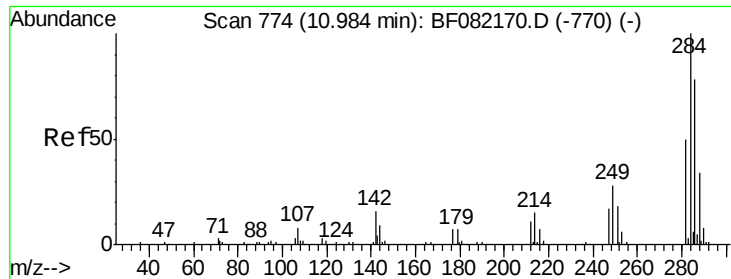


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

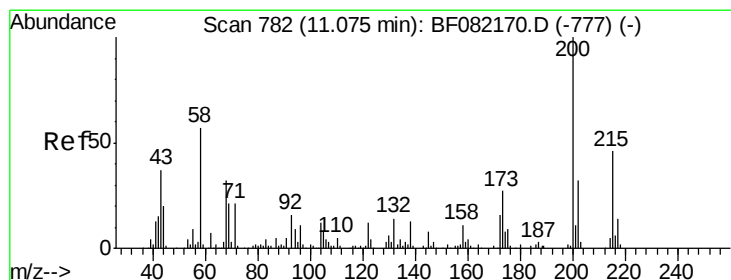
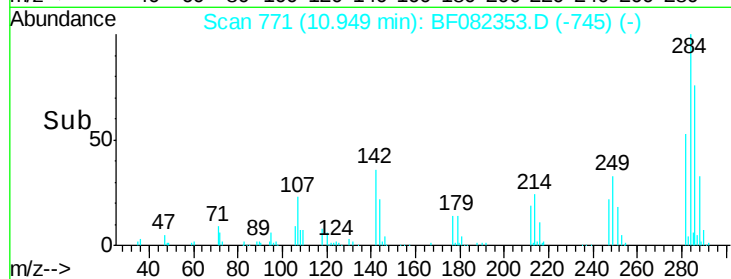
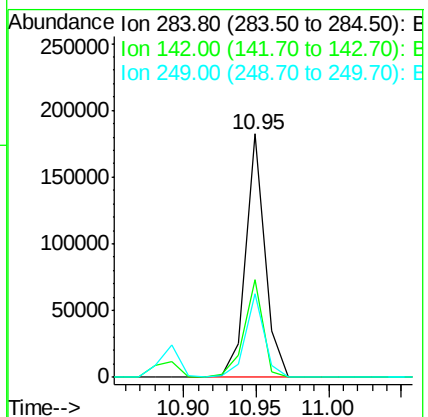
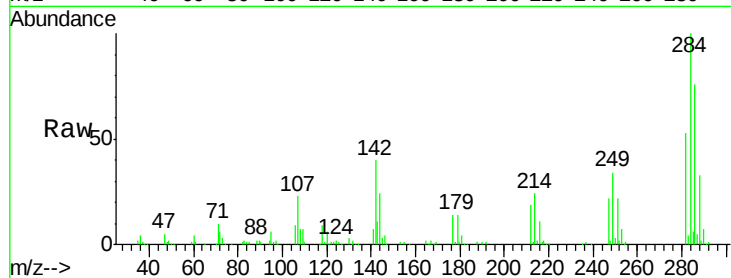




#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 10.95 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

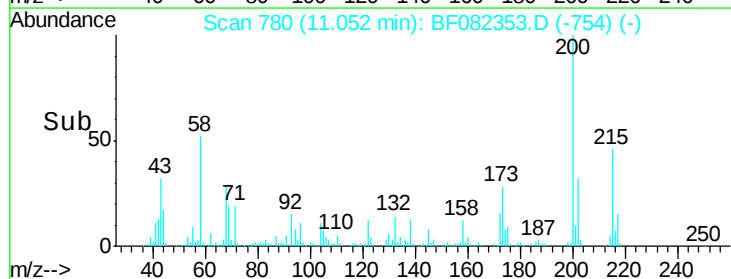
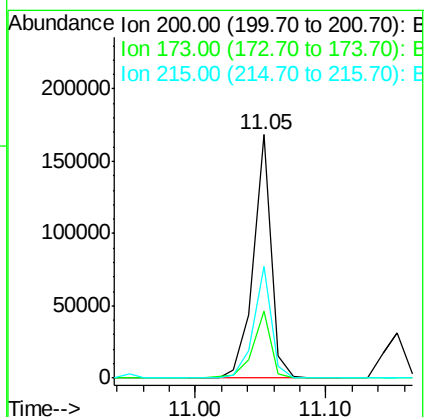
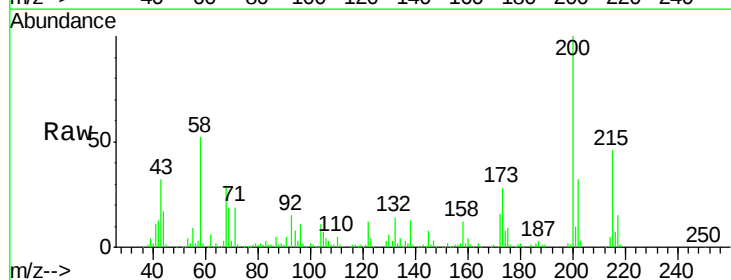
Instrument :
BNA_F
ClientSampleId :
PB86128BSD

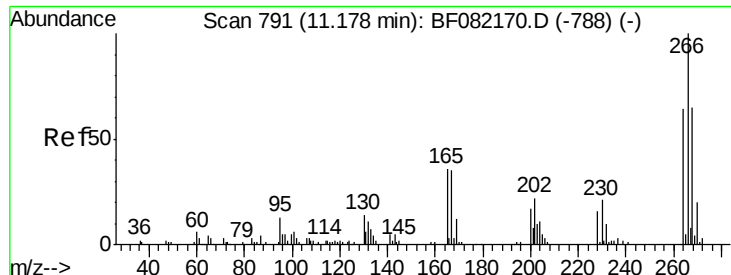
Tot Ion:284 Resp: 167951
Ion Ratio Lower Upper
284 100
142 40.1 13.0 19.6#
249 34.1 22.5 33.7#



#68
Atrazine
Concen: 43.42 ng
RT: 11.05 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF082353.D
Acq: 19 Oct 2015 14:05

Tgt Ion:200 Resp: 161450
Ion Ratio Lower Upper
200 100
173 27.7 7.3 47.3
215 45.9 26.2 66.2

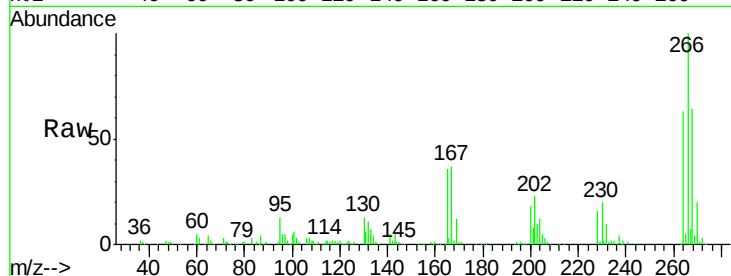




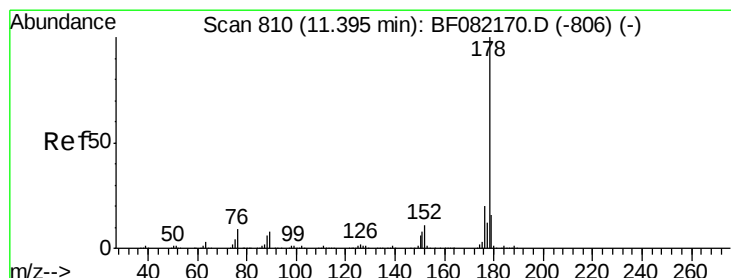
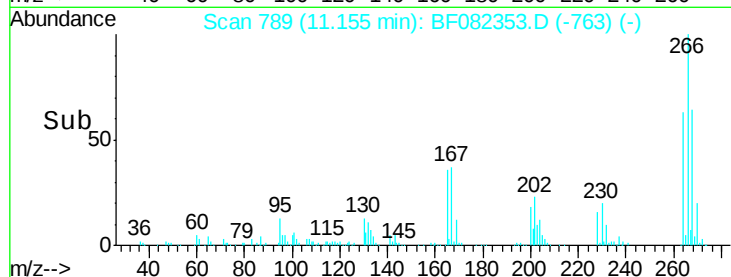
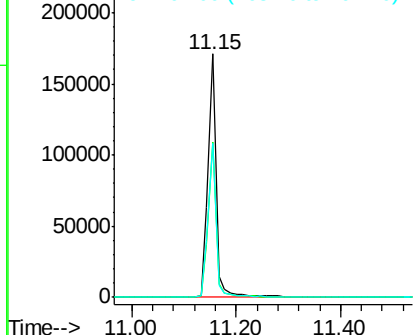
#69
 Pentachlorophenol
 Concen: 86.12 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion:266 Resp: 188022
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.0 78.0
 264 63.2 51.4 77.0

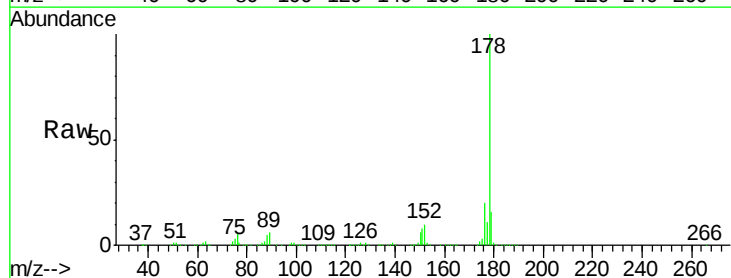


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

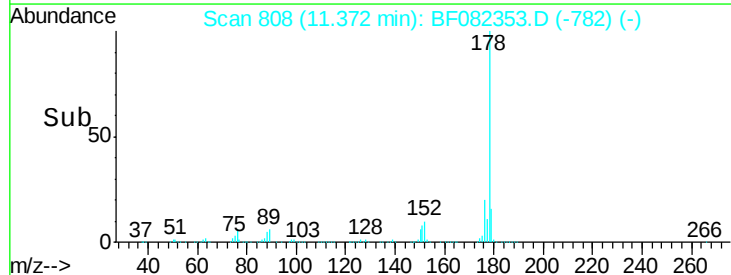
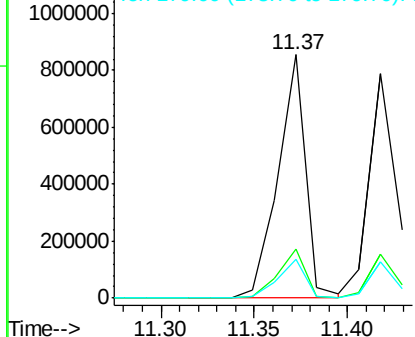


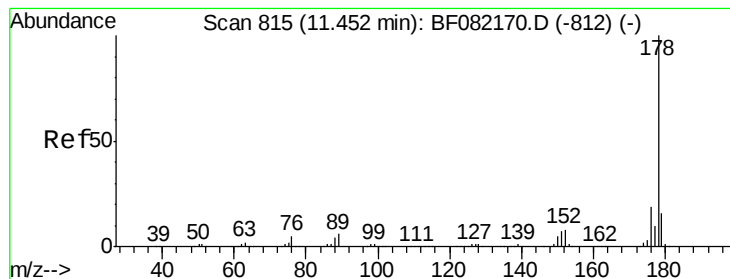
#70
 Phenanthrene
 Concen: 45.64 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:178 Resp: 877035
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.7 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: 41.37 ng

RT: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

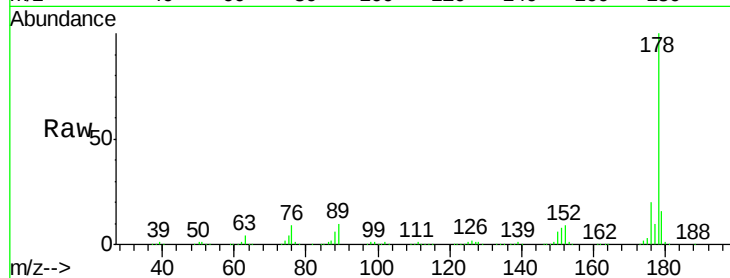
Tot Ion:178 Resp: 819215

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

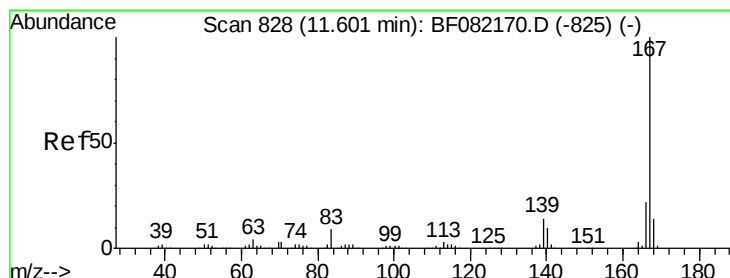
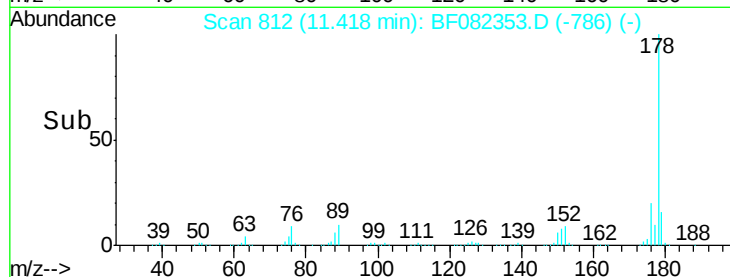
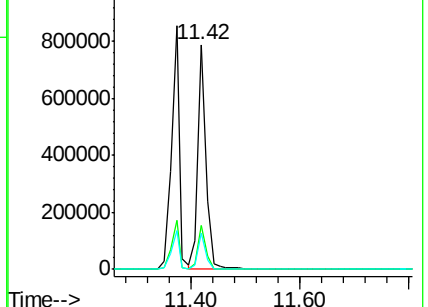
179 16.1 12.5 18.7



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: 40.21 ng

RT: 11.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

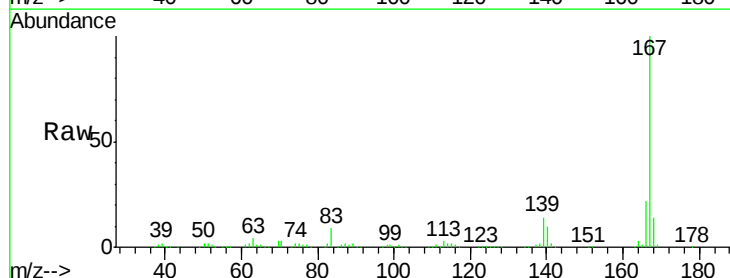
Tgt Ion:167 Resp: 726262

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

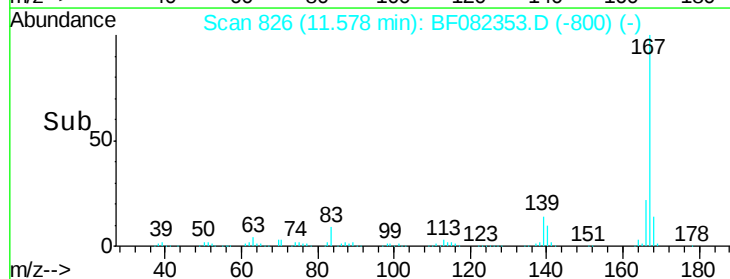
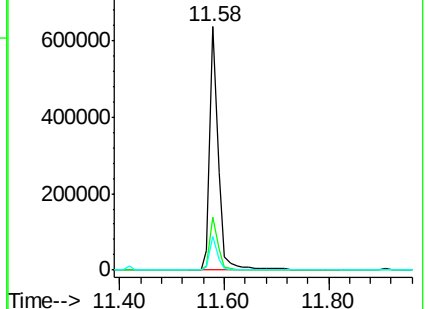
139 13.8 11.2 16.8

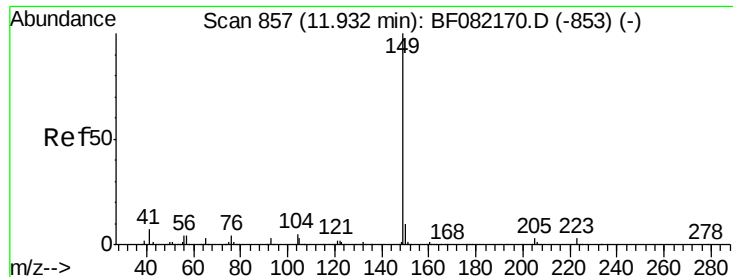


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.58 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

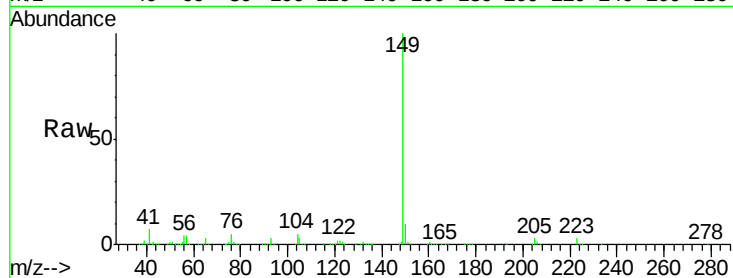
Tot Ion:149 Resp: 926464

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

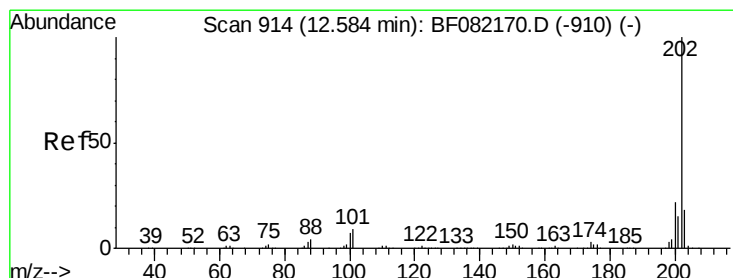
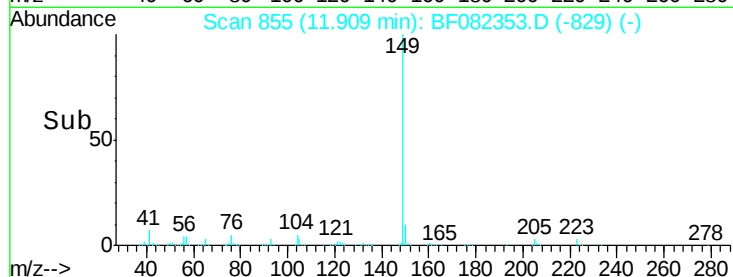
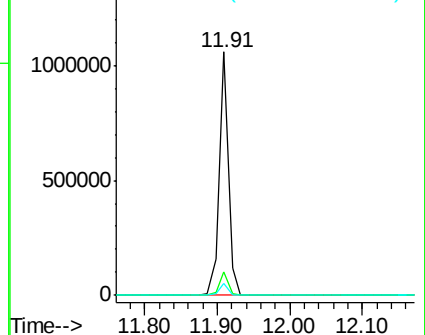
104 4.8 3.8 5.8



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: 43.56 ng

RT: 12.57 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

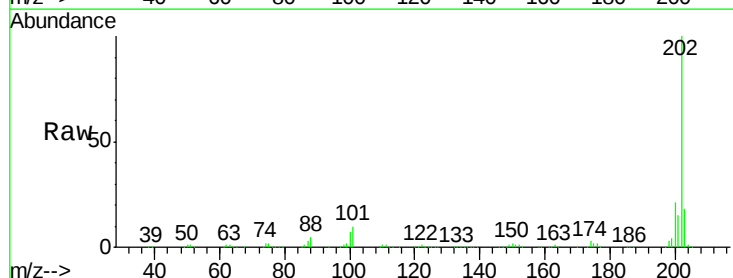
Tgt Ion:202 Resp: 898933

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

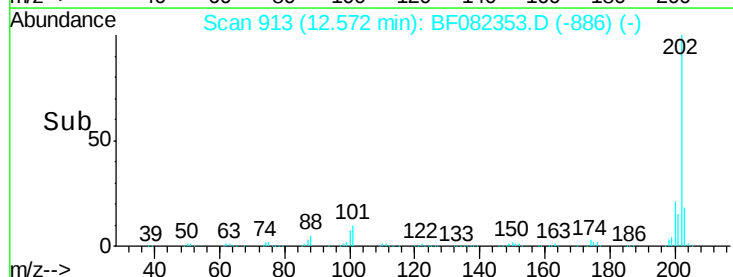
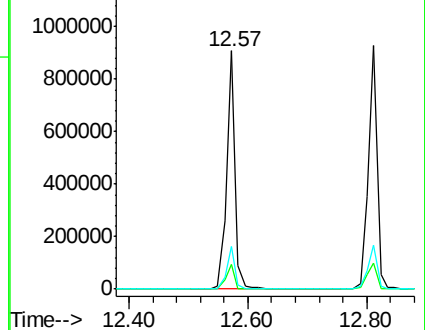
203 17.8 0.0 37.8

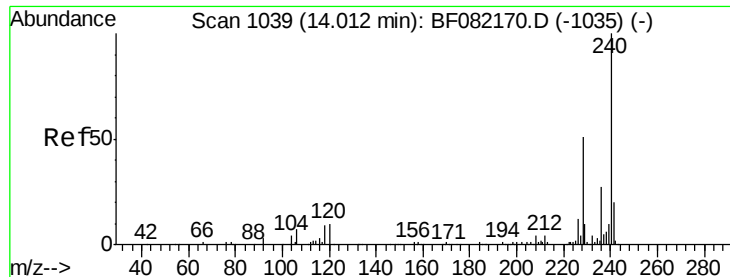


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.03 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

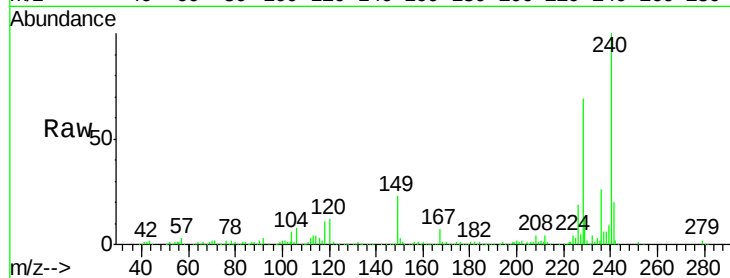
Tot Ion:240 Resp: 340036

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

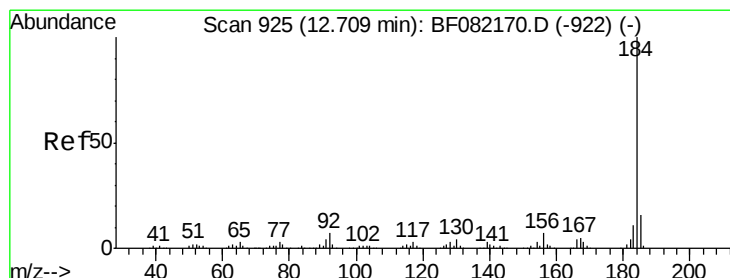
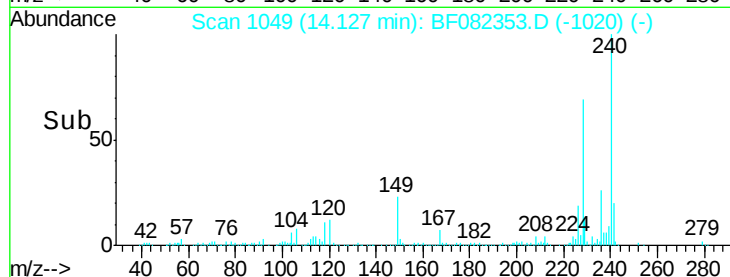
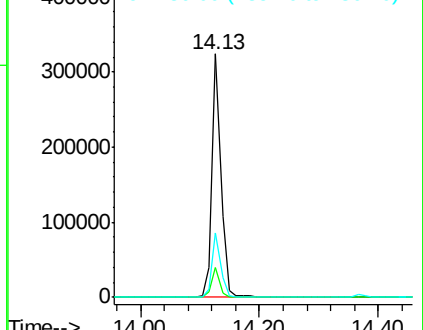
236 26.4 21.3 31.9



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: 30.69 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

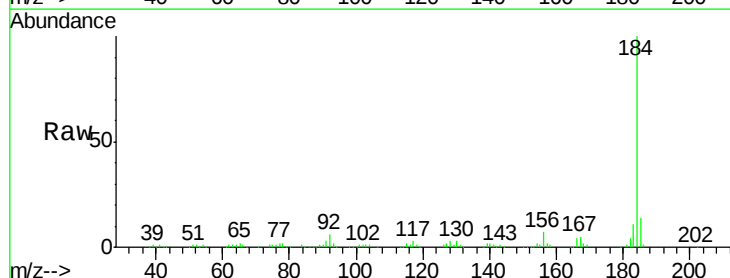
Tgt Ion:184 Resp: 302420

Ion Ratio Lower Upper

184 100

185 13.8 12.5 18.7

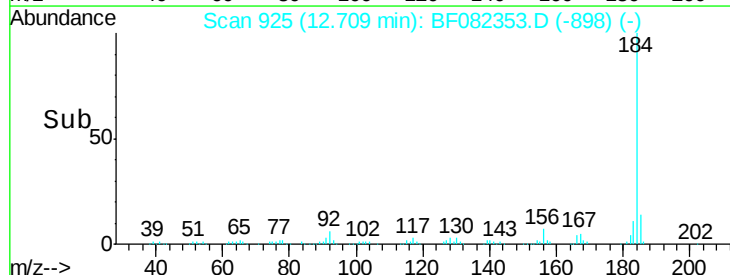
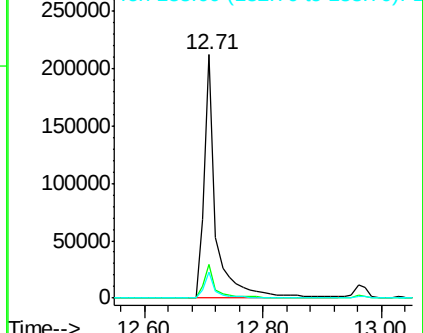
183 11.0 9.1 13.7

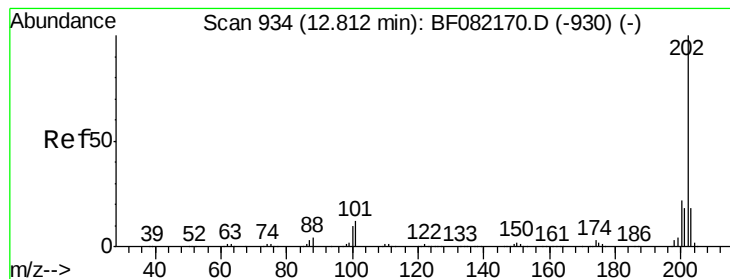


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

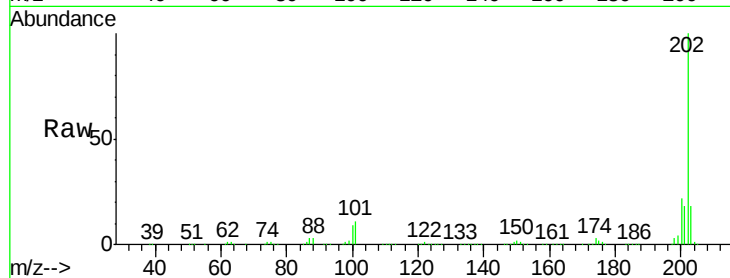




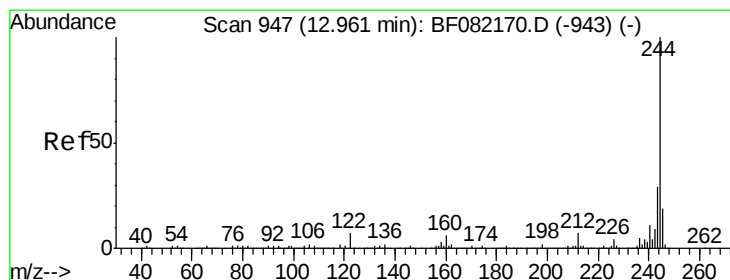
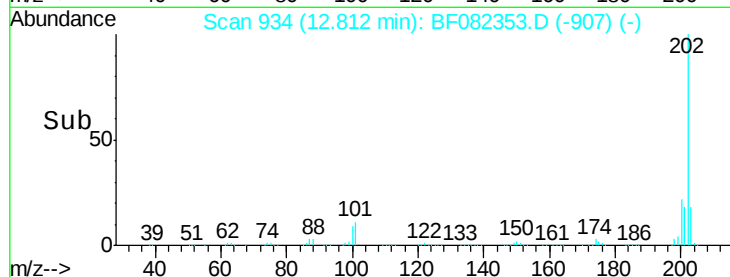
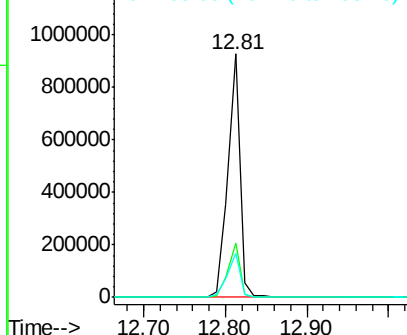
#77
 Pvrene
 Concen: 46.80 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

Tot Ion:202 Resp: 944322
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.9 26.9
 203 18.0 14.5 21.7

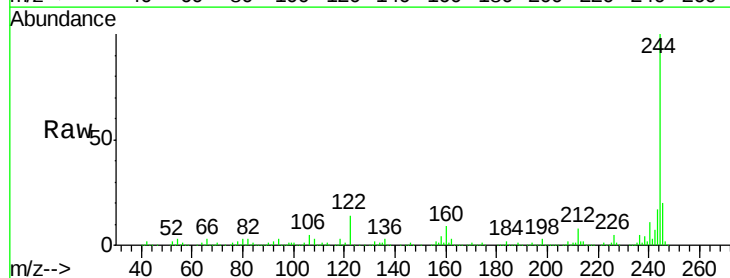


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

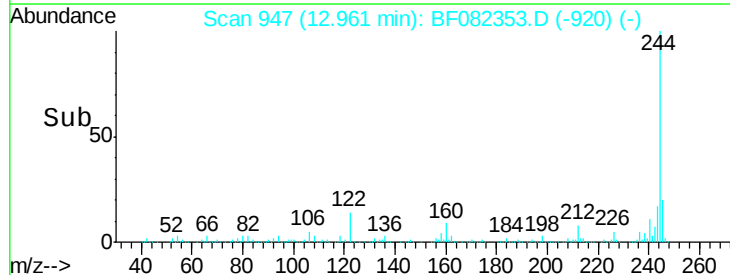
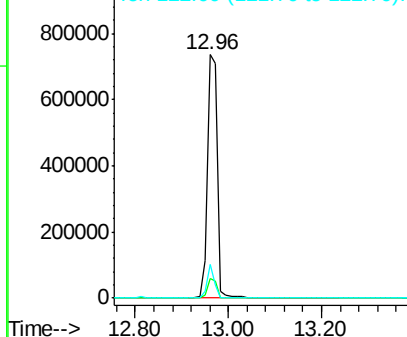


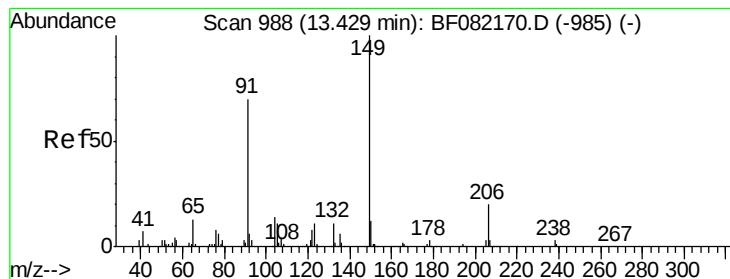
#78
 Terphenyl-d14
 Concen: 86.92 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:244 Resp: 1115325
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.6
 122 13.7 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: 46.16 ng

RT: 13.49 min Scan# 993

Delta R.T. 0.03 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

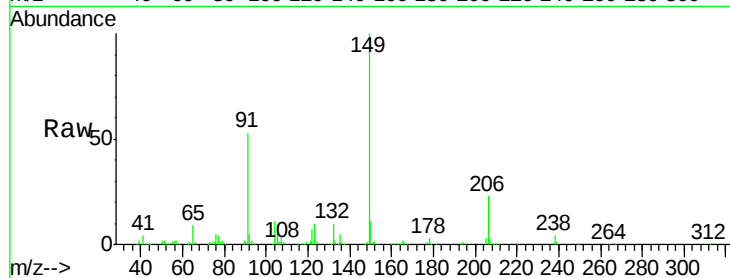
Tot Ion:149 Resp: 425088

Ion Ratio Lower Upper

149 100

91 52.9 55.7 83.5#

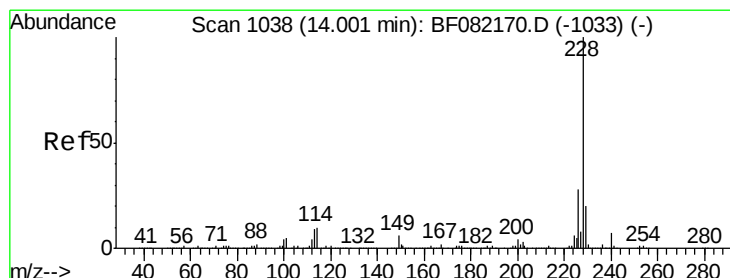
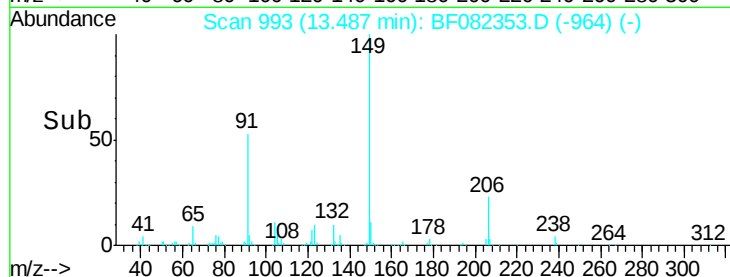
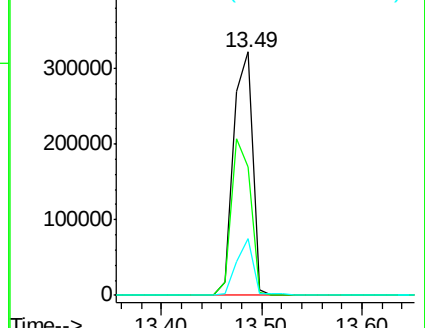
206 23.1 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.33 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.05 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

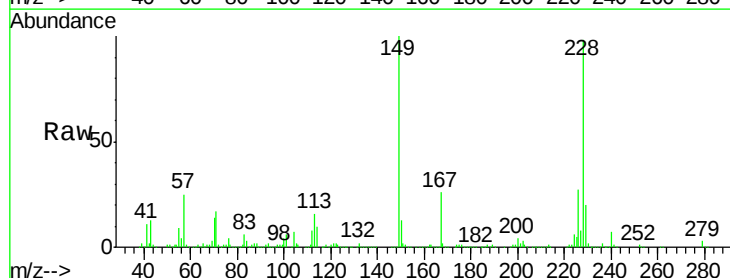
Tgt Ion:228 Resp: 748860

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

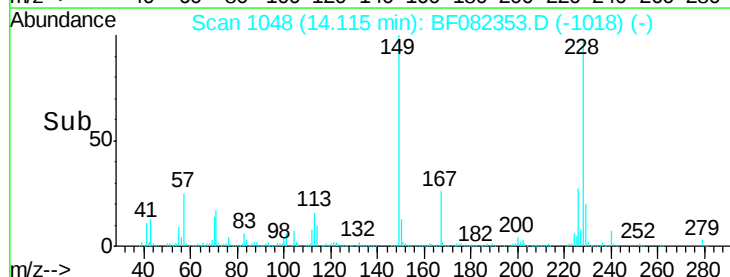
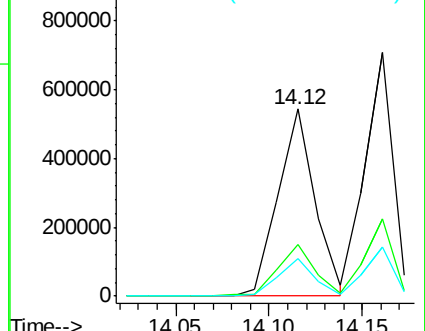
229 20.0 16.2 24.2

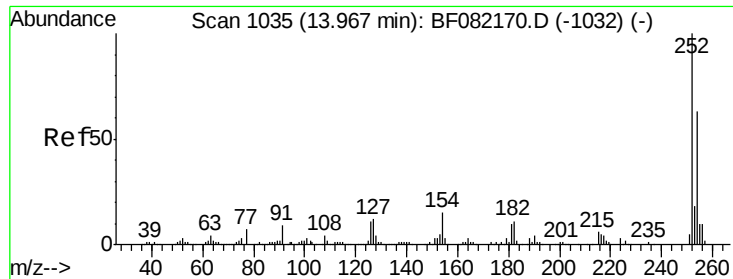


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

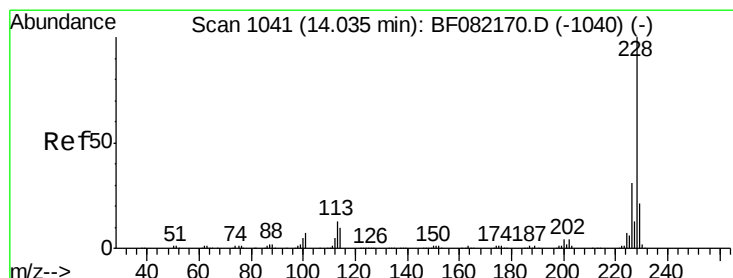
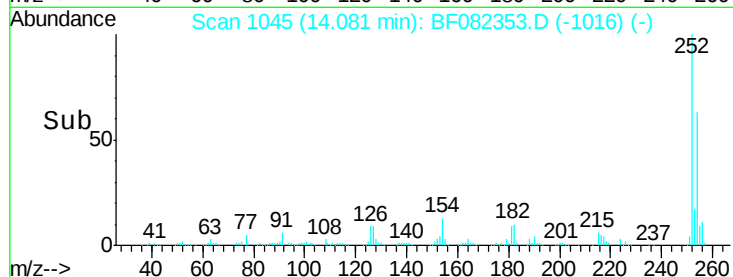
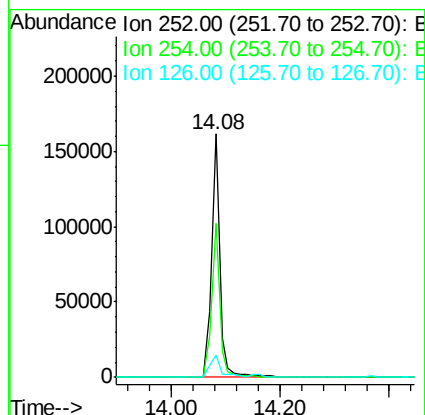
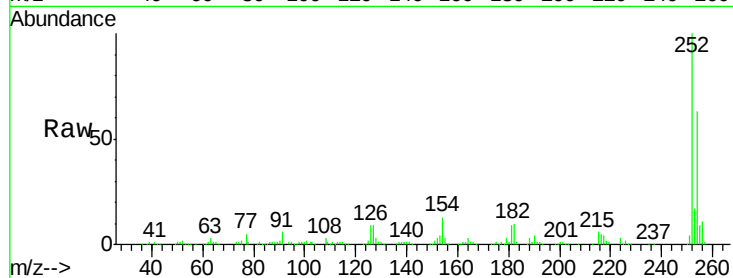




#81
 3,3'-Dichlorobenzidine
 Concen: 25.81 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.03 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

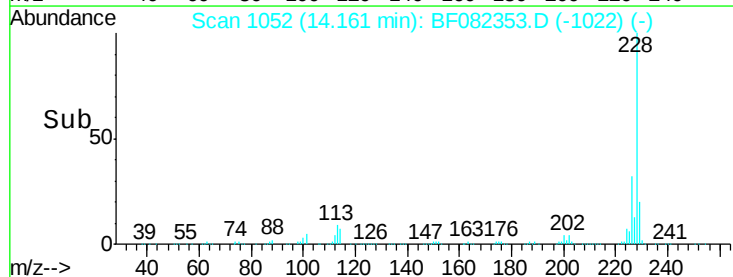
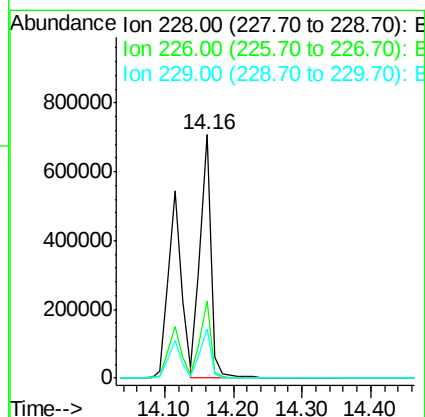
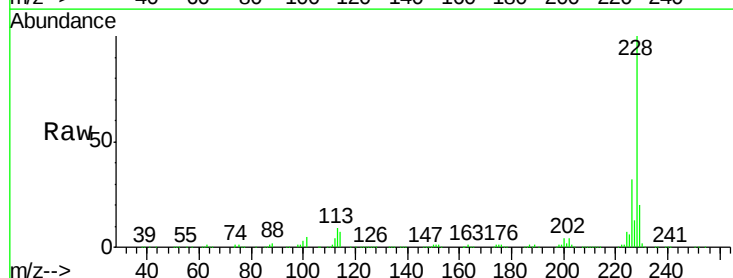
Instrument :
 BNA_F
 ClientSampleId :
 PB86128BSD

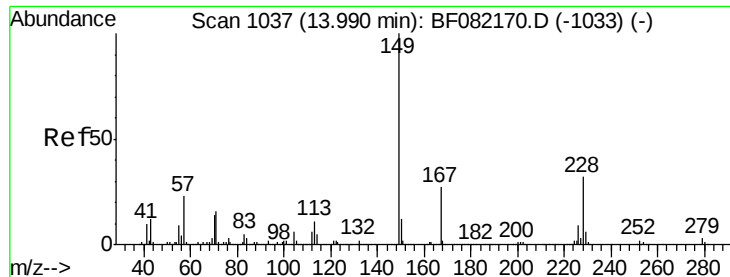
Tot Ion:252 Resp: 173317
 Ion Ratio Lower Upper
 252 100
 254 63.0 50.7 76.1
 126 9.2 9.0 13.6



#82
 Chrysene
 Concen: 40.79 ng
 RT: 14.16 min Scan# 1052
 Delta R.T. 0.05 min
 Lab File: BF082353.D
 Acq: 19 Oct 2015 14:05

Tgt Ion:228 Resp: 760346
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.4 36.6
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.58 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.05 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

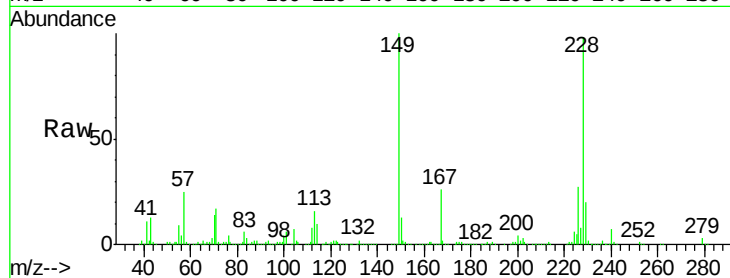
Tot Ion:149 Resp: 559423

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

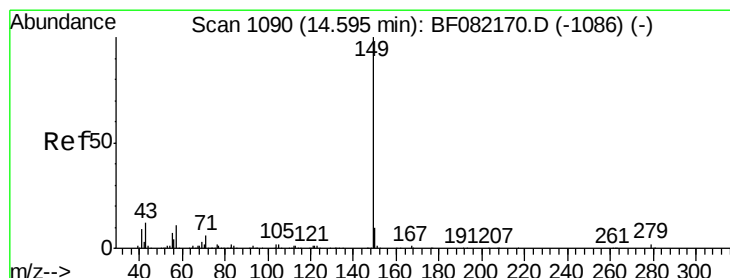
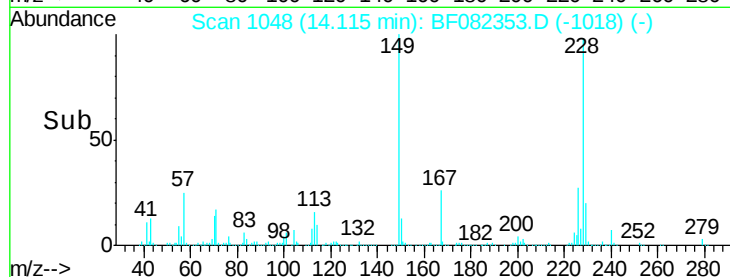
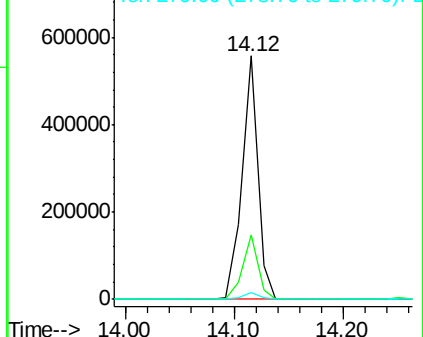
279 2.8 2.6 4.0



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: 42.81 ng

RT: 14.86 min Scan# 1113

Delta R.T. 0.07 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

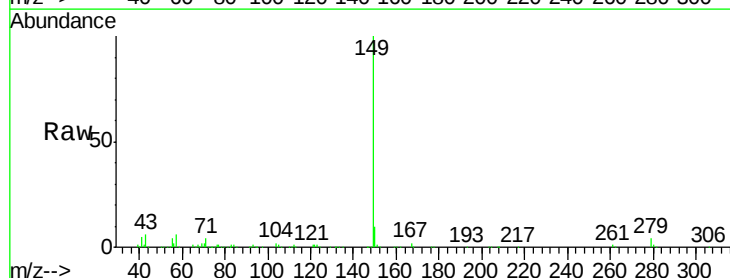
Tgt Ion:149 Resp: 965894

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

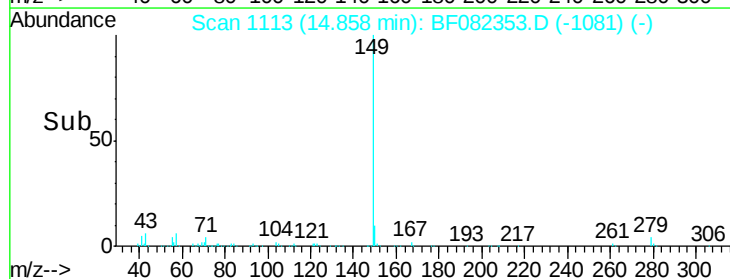
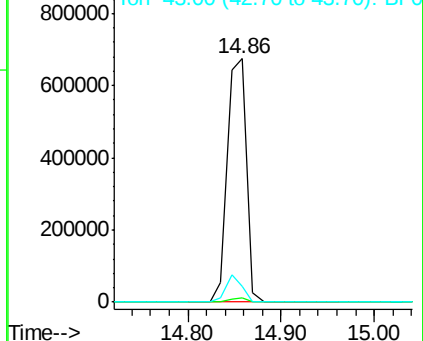
43 9.1 7.4 11.2

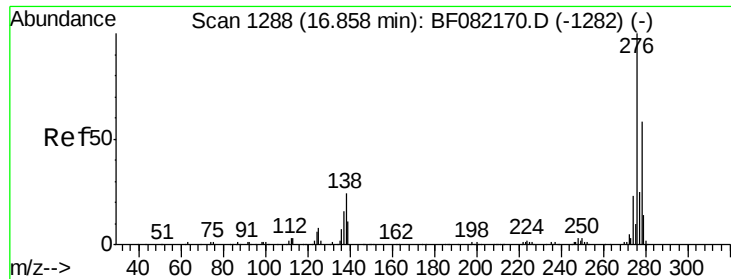


Abundance Ion 149.00 (148.70 to 149.70): E

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: 41.11 ng

RT: 17.20 min Scan# 1318

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

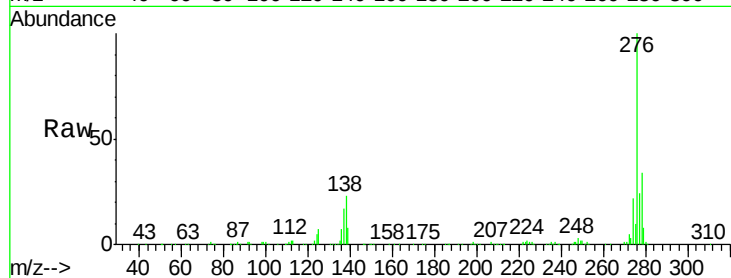
Tot Ion:276 Resp: 609126

Ion Ratio Lower Upper

276 100

138 26.7 19.7 29.5

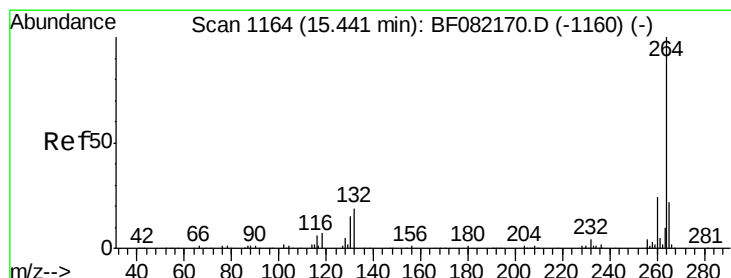
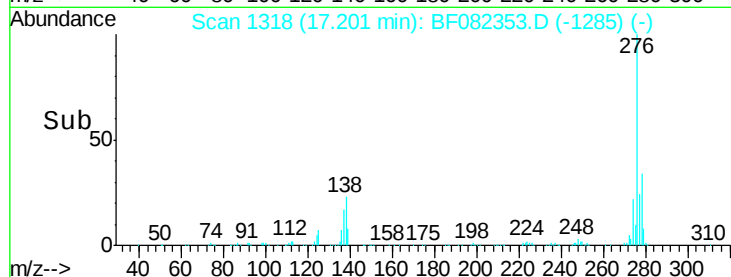
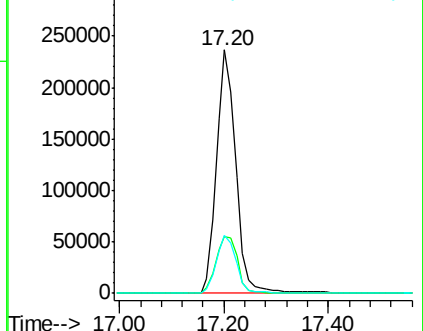
277 24.9 20.1 30.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.76 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

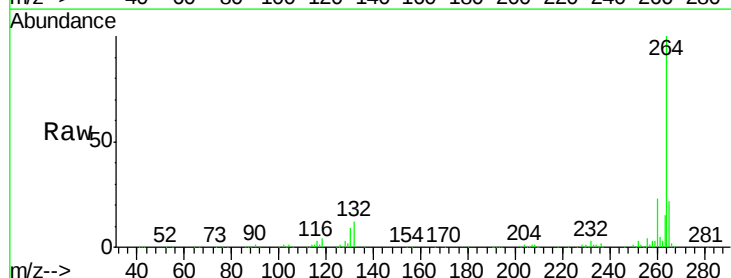
Tgt Ion:264 Resp: 290266

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

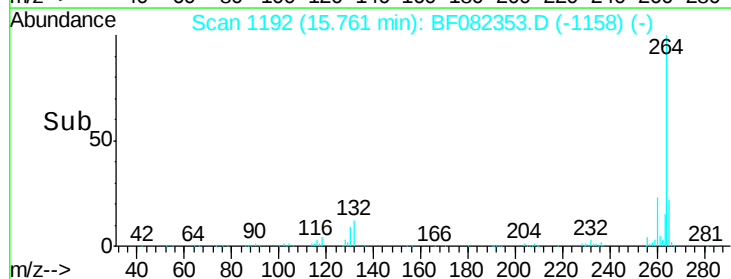
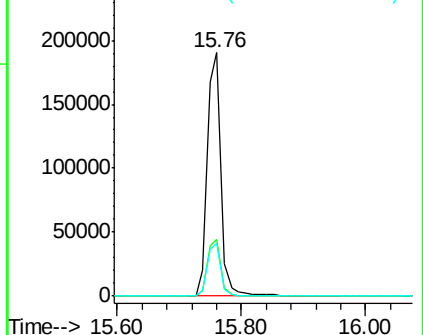
265 21.6 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 48.15 ng

RT: 15.33 min Scan# 1154

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

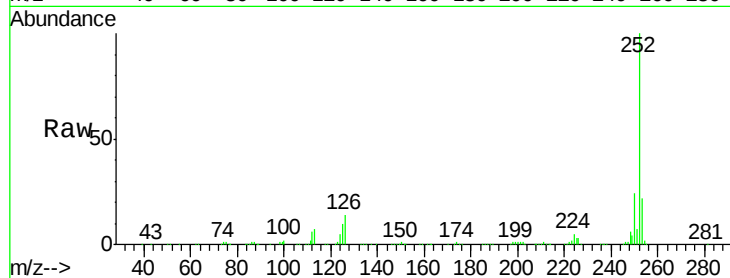
Tot Ion:252 Resp: 850352

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

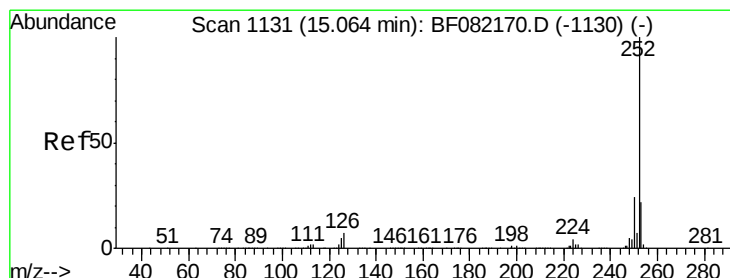
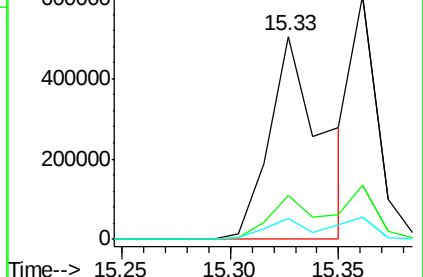
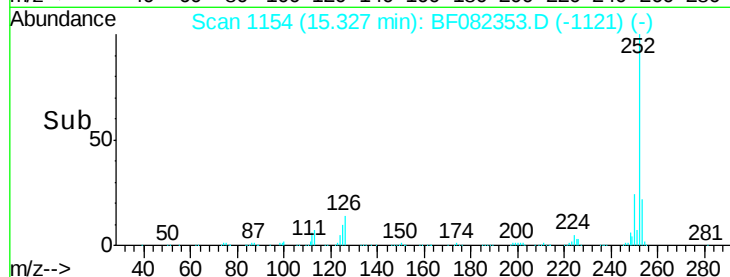
125 10.1 8.6 12.8



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: 57.29 ng

RT: 15.33 min Scan# 1154

Delta R.T. 0.05 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

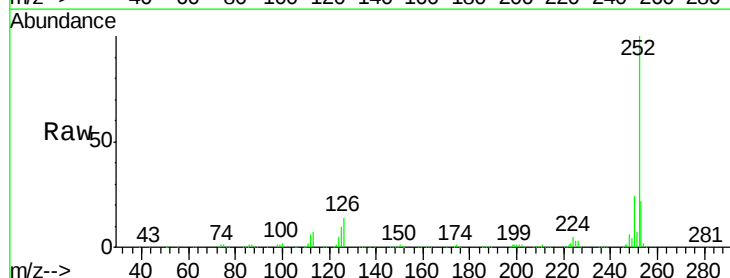
Tgt Ion:252 Resp: 850352

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

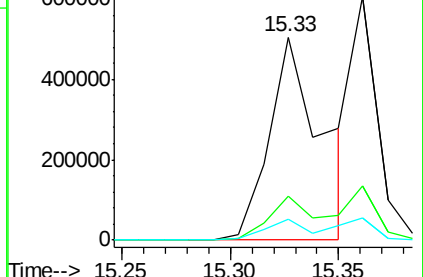
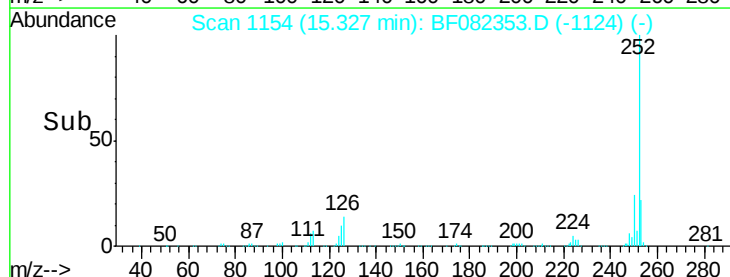
125 10.1 6.7 10.1#

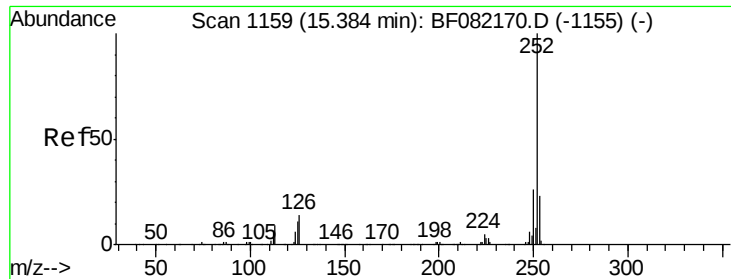


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.55 ng

RT: 15.69 min Scan# 1186

Delta R.T. 0.08 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

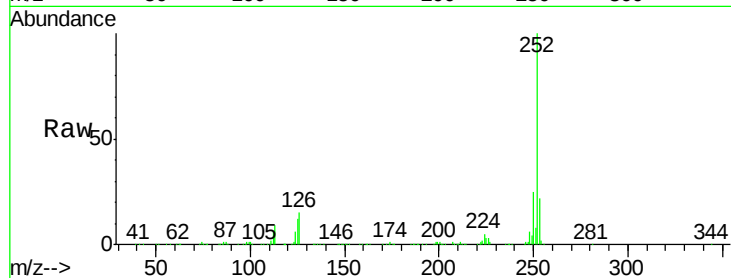
BNA_F

ClientSampleId :

PB86128BSD

Tot Ion:252 Resp: 645799

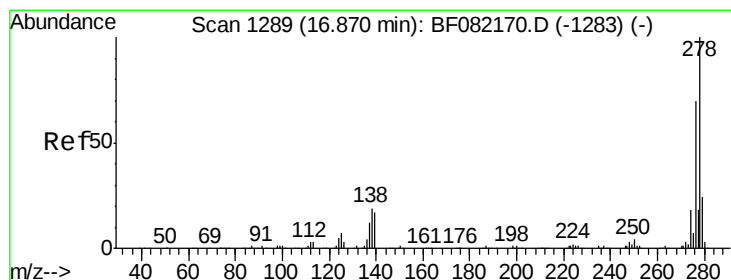
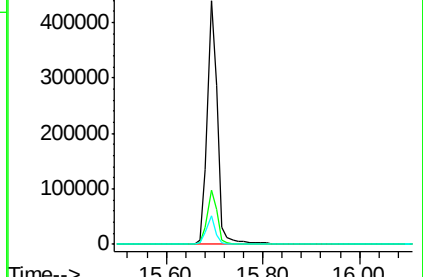
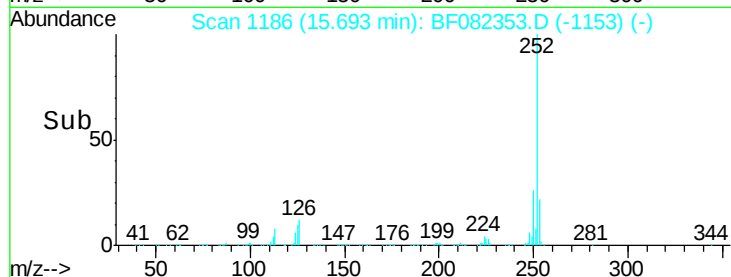
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.6	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.74 ng

RT: 17.22 min Scan# 1320

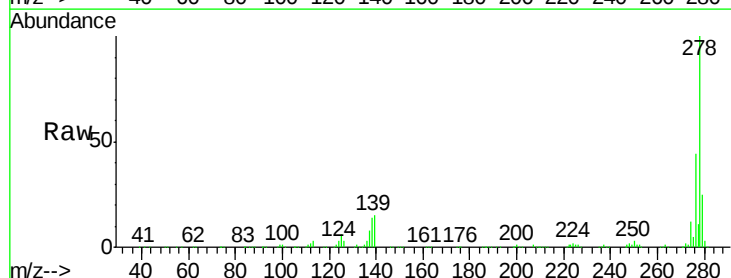
Delta R.T. 0.09 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Tgt Ion:278 Resp: 519117

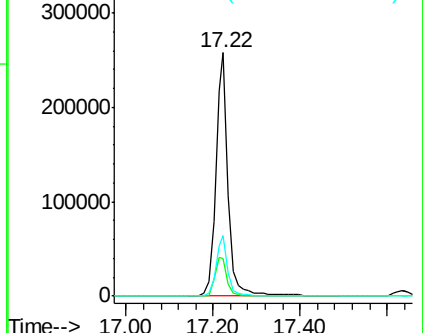
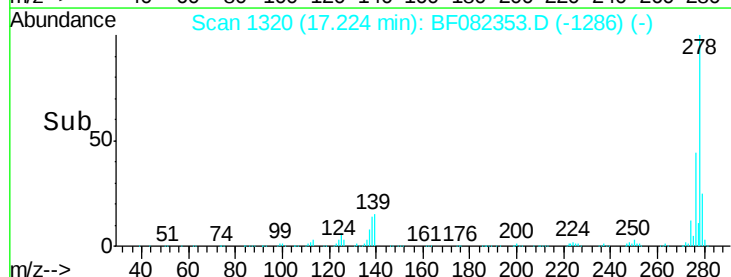
Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.3	19.9
279	24.7	18.9	28.3

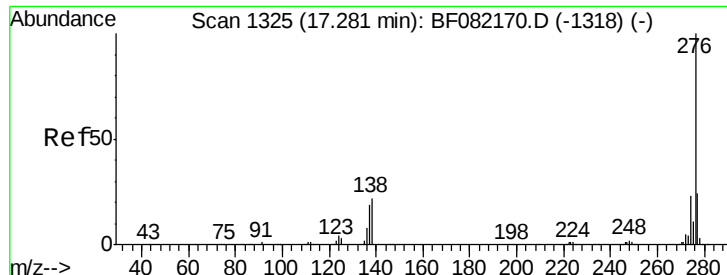


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.63 ng

RT: 17.64 min Scan# 1356

Delta R.T. 0.09 min

Lab File: BF082353.D

Acq: 19 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB86128BSD

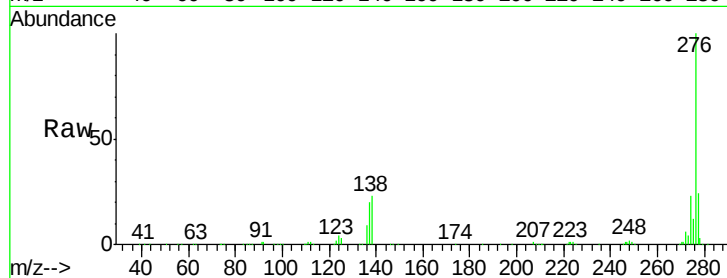
Tot Ion:276 Resp: 490950

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.9 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

