

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082171.D
 Acq On : 10 Oct 2015 12:32
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:57:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	326945	20.00	ng	0.16
21) Naphthalene-d8	8.13	136	376687	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	192658	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	367735	20.00	ng	0.00
75) Chrysene-d12	14.01	240	321006	20.00	ng	0.00
86) Perylene-d12	15.44	264	262600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	460762	25.73	ng	0.00
7) Phenol-d6	6.48	99	600039	26.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	564042	99.30	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	163729	84.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1149420	94.31	ng	0.00
78) Terphenyl-d14	12.96	244	1136652	99.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	111870	14.30	ng	98
3) Pyridine	3.14	79	288417	14.44	ng	100
4) n-Nitrosodimethylamine	3.11	42	123472	13.51	ng	97
6) Aniline	6.50	93	399098	13.19	ng	96
8) 2-Chlorophenol	6.63	128	277693	13.92	ng	98
9) Benzaldehyde	6.39	77	159565	11.02	ng	98
10) Phenol	6.49	94	349879	13.72	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	295946	14.71	ng	98
12) 1,3-Dichlorobenzene	6.86	146	340409	14.46	ng	98
13) 1,4-Dichlorobenzene	7.02	146	295803	12.02	ng	96
14) 1,2-Dichlorobenzene	7.02	146	295803	13.49	ng	# 90
15) Benzyl Alcohol	6.99	79	218911	13.47	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	382320	13.73	ng	99
17) 2-Methylphenol	7.11	107	221964	13.79	ng	98
18) Hexachloroethane	7.35	117	112332	14.43	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	215168	15.54	ng	92
20) 3+4-Methylphenols	7.26	107	246917	12.23	ng	99
22) Acetophenone	7.26	105	352944	46.09	ng	98
24) Nitrobenzene	7.43	77	284599	47.16	ng	98
25) Isophorone	7.67	82	545780	48.77	ng	99
26) 2-Nitrophenol	7.75	139	166728	55.81	ng	97
27) 2,4-Dimethylphenol	7.78	122	240035	47.05	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	346226	51.20	ng	99
29) 2,4-Dichlorophenol	7.99	162	251785	49.75	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	275847	49.10	ng	98
31) Naphthalene	8.15	128	753251	45.08	ng	99
32) Benzoic acid	7.93	122	165828	58.53	ng	98
33) 4-Chloroaniline	8.21	127	343957	47.82	ng	99
34) Hexachlorobutadiene	8.26	225	165031	49.38	ng	98
35) Caprolactam	8.59	113	65256	46.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.69	107	239117	48.92	ng	99
37) 2-Methylnaphthalene	8.85	142	578386	50.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	262241	44.69	ng	98
40) Hexachlorocyclopentadiene	8.99	237	130468	44.59	ng	97

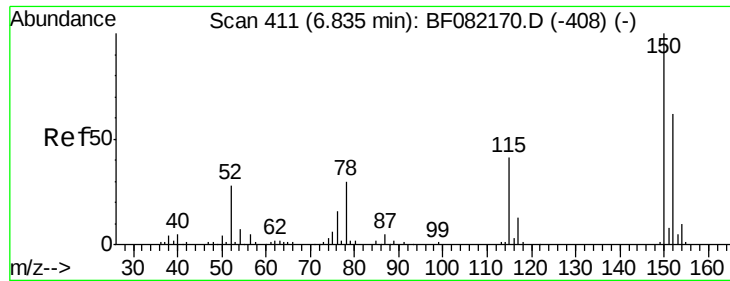
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082171.D
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 Sample : SSTDICC050
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176078	44.24	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	199910	48.16	nq	97
45) 1,1'-Biphenyl	9.31	154	688363	46.64	nq	95
46) 2-Chloronaphthalene	9.34	162	558787	48.17	nq	98
47) 2-Nitroaniline	9.44	65	159591	46.95	nq	# 60
48) Acenaphthylene	9.75	152	818655	43.85	nq	99
49) Dimethylphthalate	9.61	163	609068	46.39	nq	100
50) 2,6-Dinitrotoluene	9.68	165	138898	47.71	nq	# 87
51) Acenaphthene	9.92	154	517857	46.62	nq	99
52) 3-Nitroaniline	9.85	138	155989	47.06	nq	94
53) 2,4-Dinitrophenol	9.95	184	75136	70.67	nq	93
54) Dibenzofuran	10.09	168	689676	43.90	nq	98
55) 4-Nitrophenol	10.01	139	96019	41.11	nq	92
56) 2,4-Dinitrotoluene	10.08	165	168732	45.96	nq	94
57) Fluorene	10.43	166	566335	45.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155318	47.27	nq	96
59) Diethylphthalate	10.31	149	572837	46.24	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	254493	44.49	nq	99
61) 4-Nitroaniline	10.47	138	155541	46.35	nq	98
62) Azobenzene	10.58	77	557769	46.15	nq	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	106650	62.90	nq	84
65) n-Nitrosodiphenylamine	10.55	169	494417	44.48	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	167302	45.09	nq	97
67) Hexachlorobenzene	10.98	284	189681	45.78	nq	# 93
68) Atrazine	11.07	200	152271	44.44	nq	99
69) Pentachlorophenol	11.18	266	114670	48.73	nq	96
70) Phenanthrene	11.39	178	812363	42.20	nq	99
71) Anthracene	11.45	178	918255	48.71	nq	100
72) Carbazole	11.61	167	795749	47.19	nq	# 96
73) Di-n-butylphthalate	11.93	149	962514	49.94	nq	100
74) Fluoranthene	12.58	202	893331	44.82	nq	98
76) Benzidine	12.71	184	444361	46.76	nq	98
77) Pyrene	12.81	202	882790	46.67	nq	100
79) Butylbenzylphthalate	13.43	149	404213	55.49	nq	96
80) Benzo(a)anthracene	14.00	228	791343	46.17	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	293414	50.36	nq	98
82) Chrysene	14.05	228	803211	48.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	597206	62.96	nq	100
84) Di-n-octyl phthalate	14.61	149	987623	63.73	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	636037	47.65	nq	99
87) Benzo(b)fluoranthene	15.06	252	1416922	92.28	nq	99
88) Benzo(k)fluoranthene	15.06	252	1418363	104.35	nq	98
89) Benzo(a)pyrene	15.38	252	646533	49.45	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	522113	47.81	nq	98
91) Benzo(g,h,i)perylene	17.28	276	503306	45.40	nq	98

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

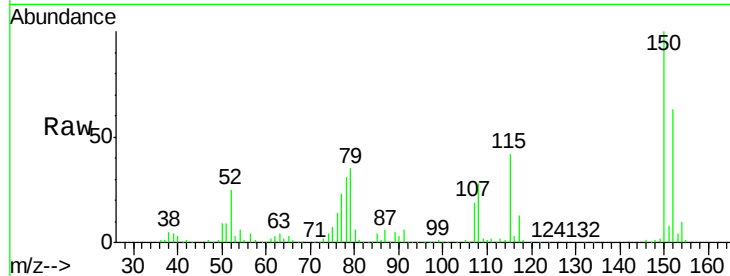


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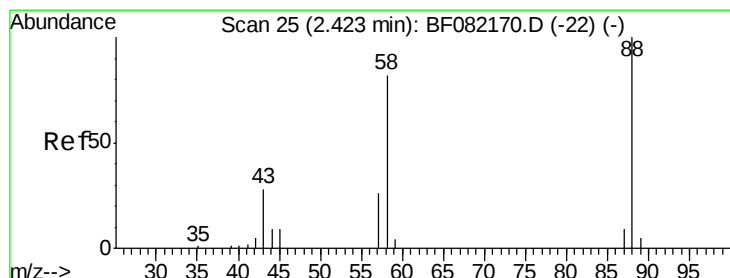
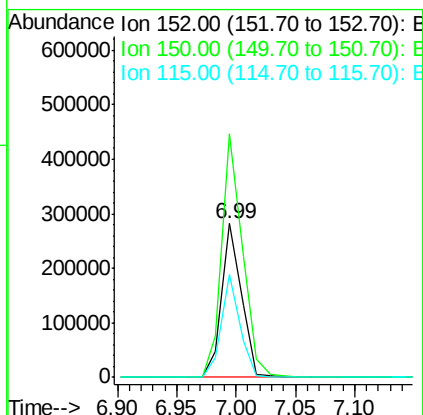
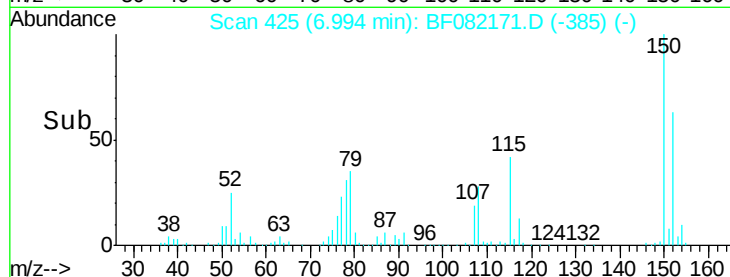
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.16 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	129.0	193.4
115	67.1	52.1	78.1



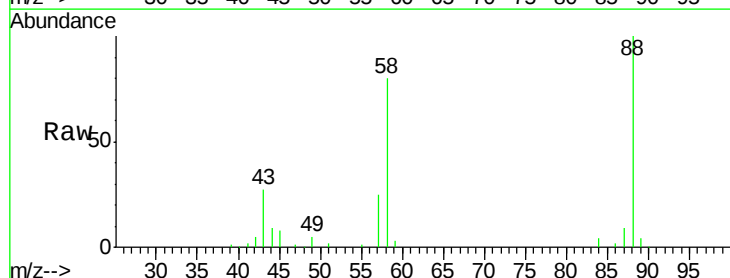
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



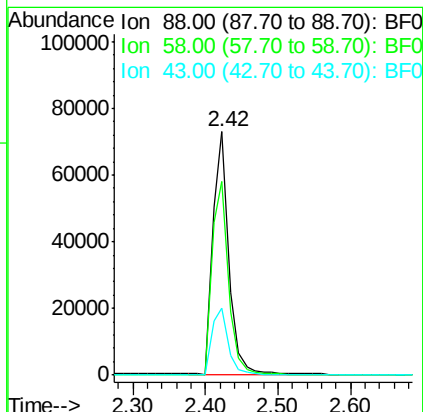
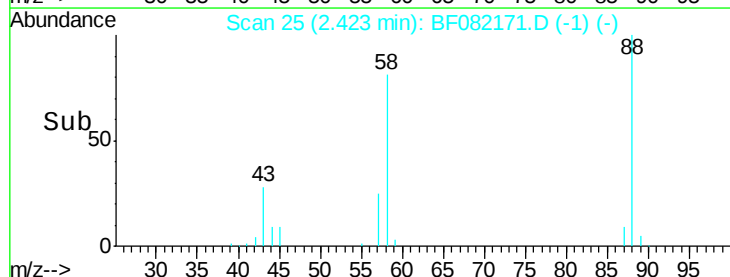
#2

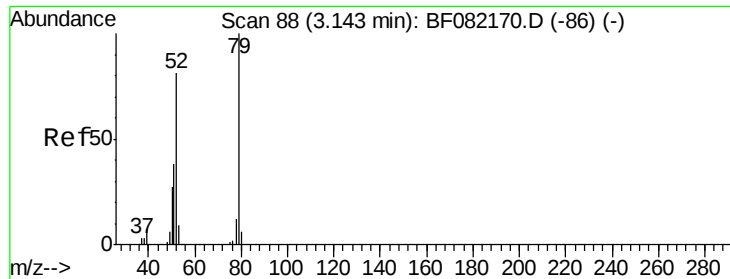
1,4-Dioxane
Concen: 14.30 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	66.2	99.4
43	27.8	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: 14.44 ng

RT: 3.14 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

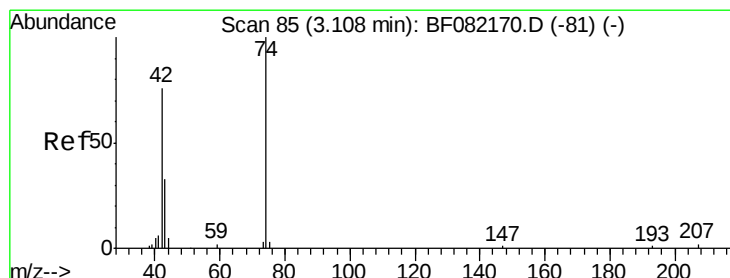
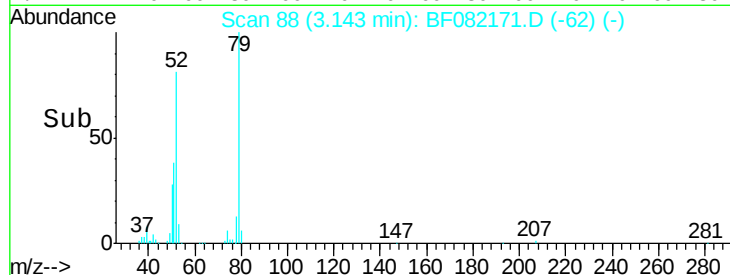
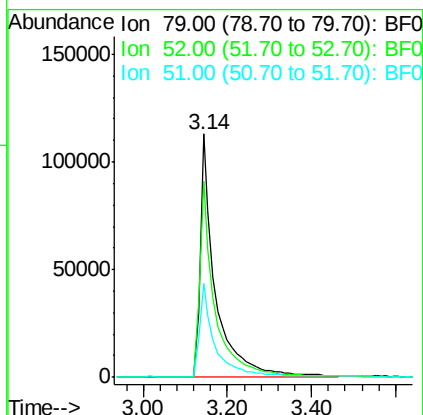
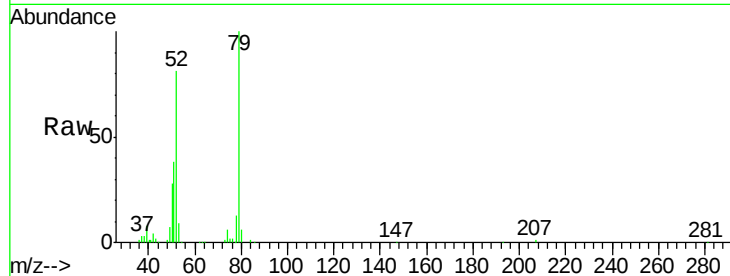
Tot Ion: 79 Resp: 288417

Ion Ratio Lower Upper

79 100

52 80.5 64.4 96.6

51 38.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 13.51 ng

RT: 3.11 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

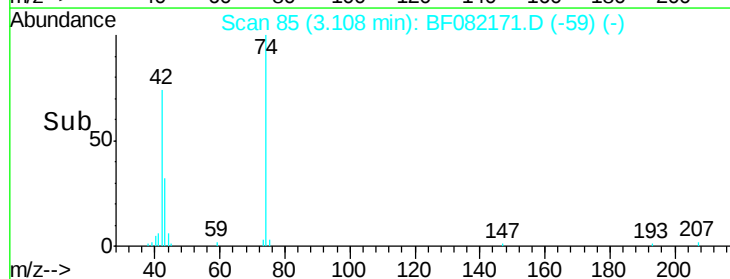
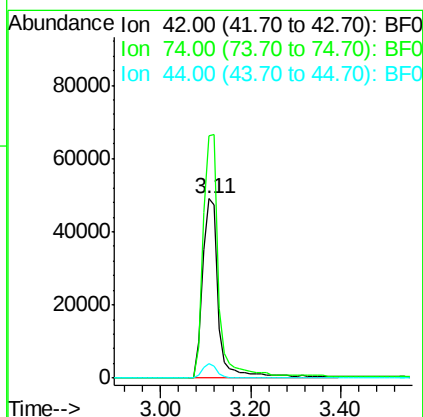
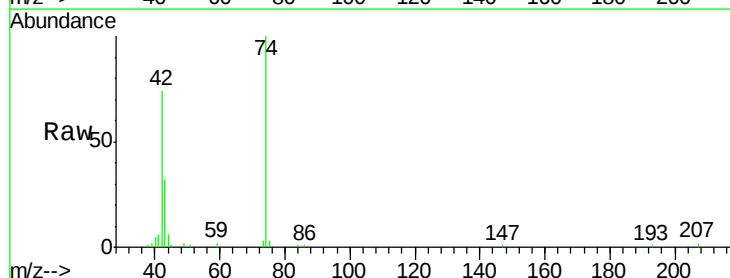
Tgt Ion: 42 Resp: 123472

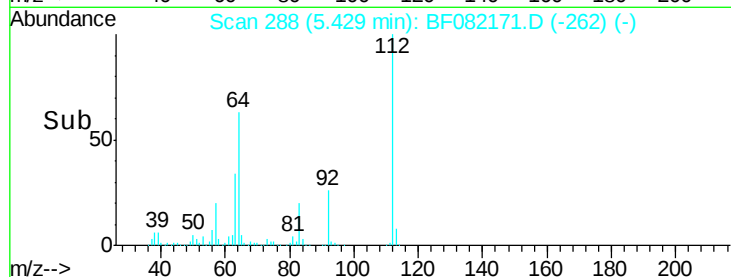
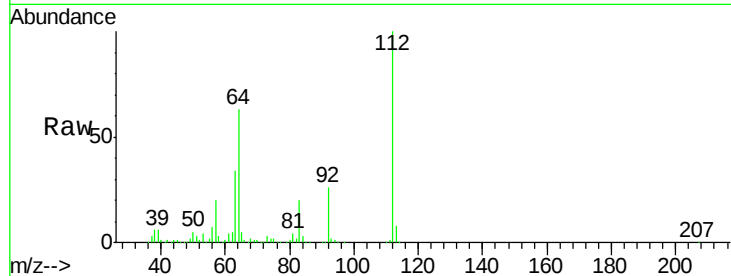
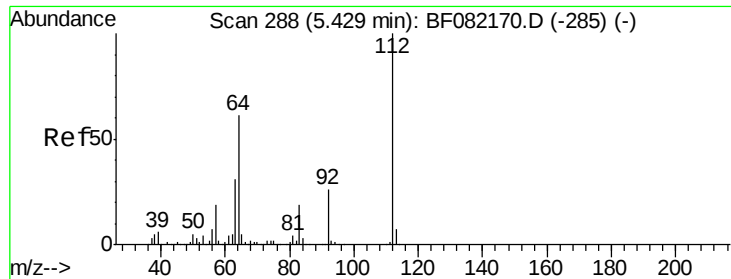
Ion Ratio Lower Upper

42 100

74 135.7 105.7 158.5

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 25.73 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

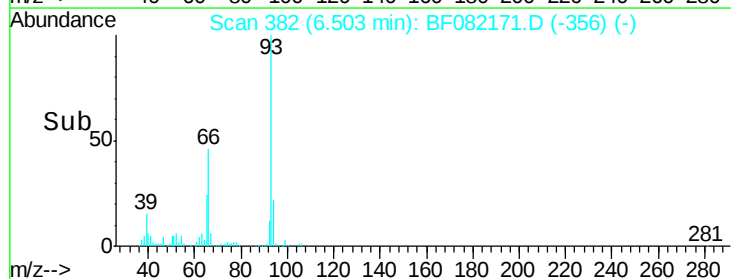
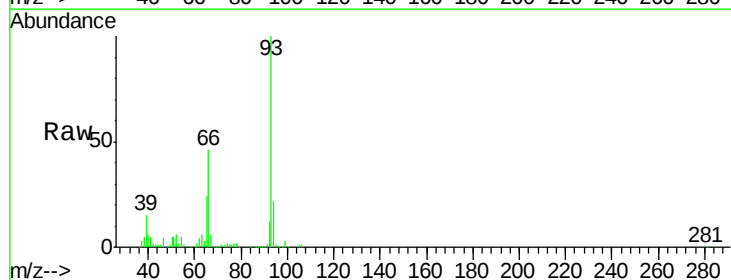
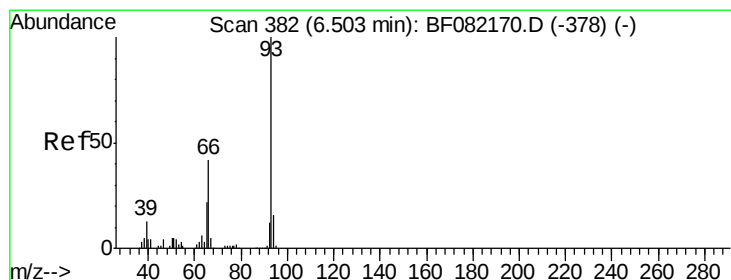
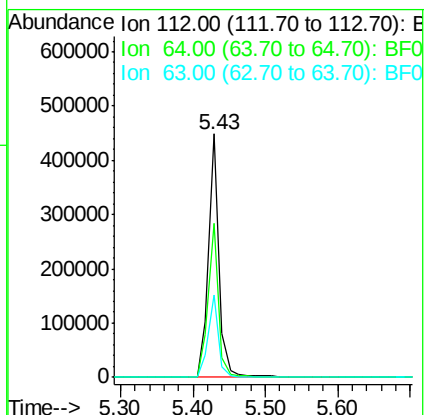
Tot Ion:112 Resp: 460762

Ion Ratio Lower Upper

112 100

64 63.5 48.6 73.0

63 33.7 25.1 37.7



#6

Aniline

Concen: 13.19 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

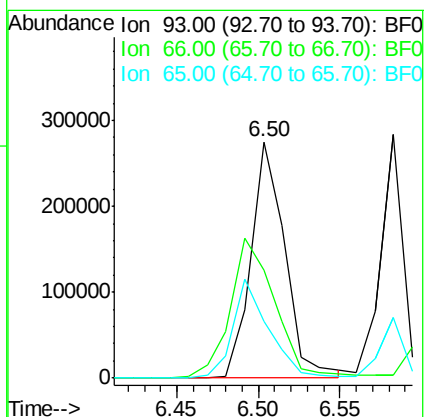
Tgt Ion: 93 Resp: 399098

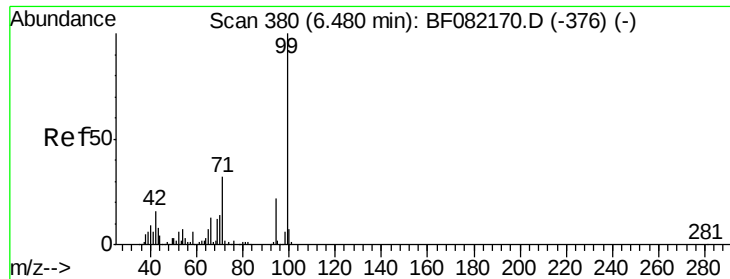
Ion Ratio Lower Upper

93 100

66 45.8 34.2 51.2

65 23.9 17.9 26.9





#7

Phenol-d6

Concen: 26.48 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

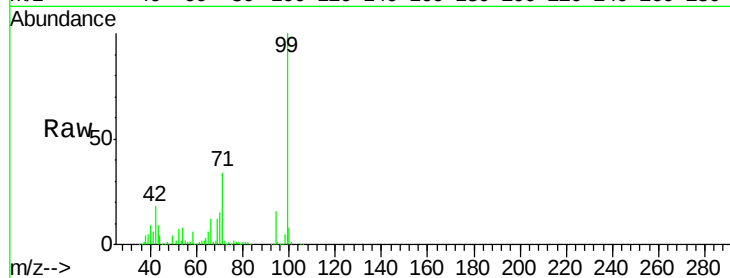
Tot Ion: 99 Resp: 600039

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

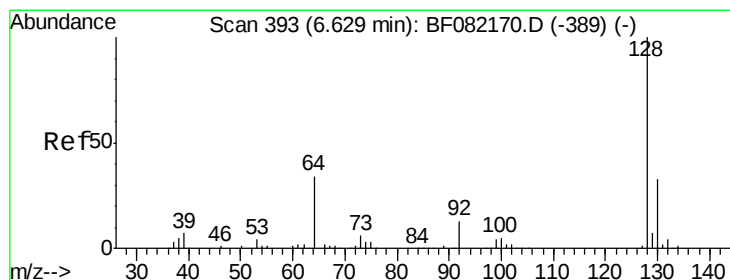
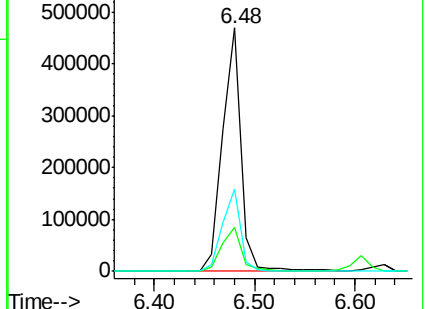
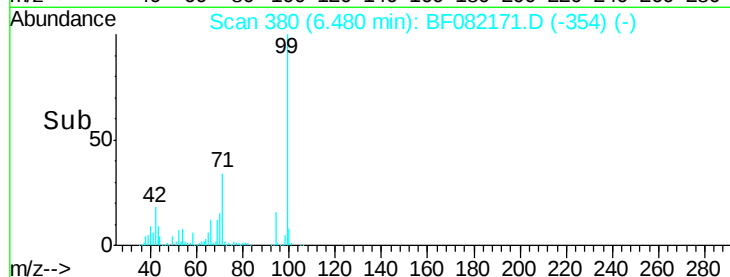
71 34.0 25.6 38.4



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: 13.92 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

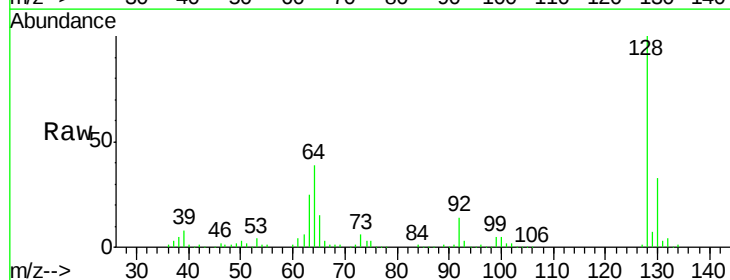
Tgt Ion: 128 Resp: 277693

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

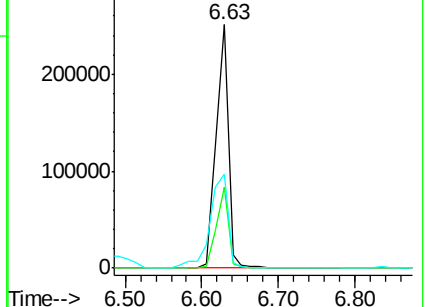
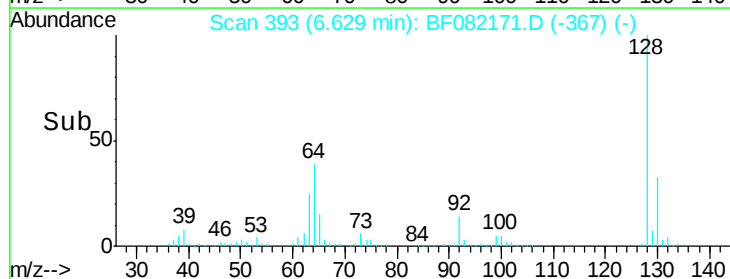
64 38.8 16.7 56.7



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: 11.02 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

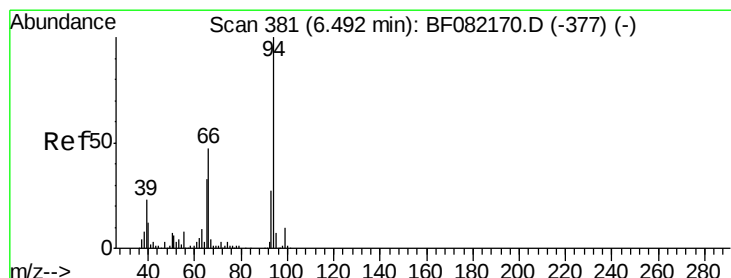
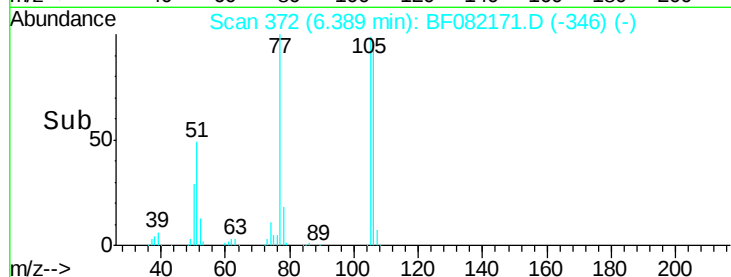
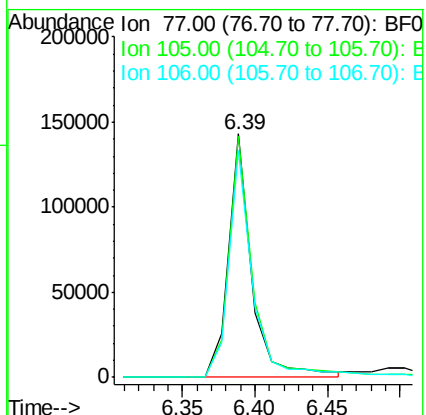
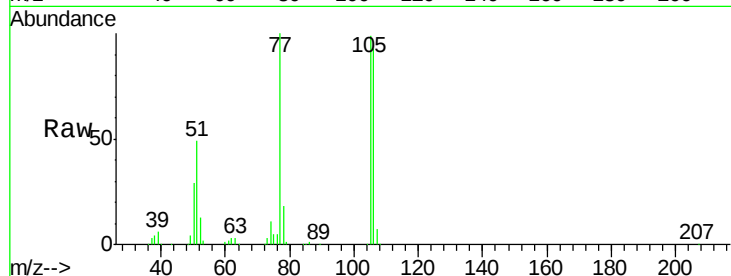
Tot Ion: 77 Resp: 159565

Ion Ratio Lower Upper

77 100

105 99.2 80.6 120.6

106 93.5 75.5 115.5



#10

Phenol

Concen: 13.72 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

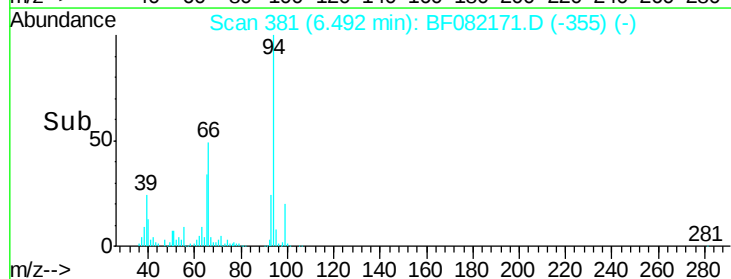
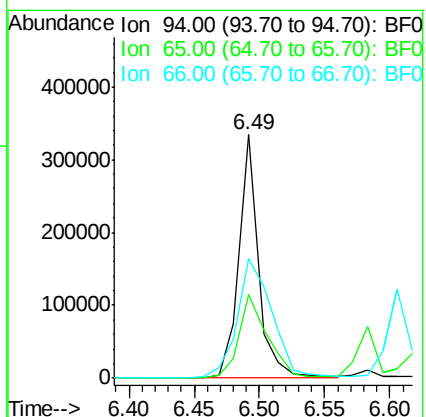
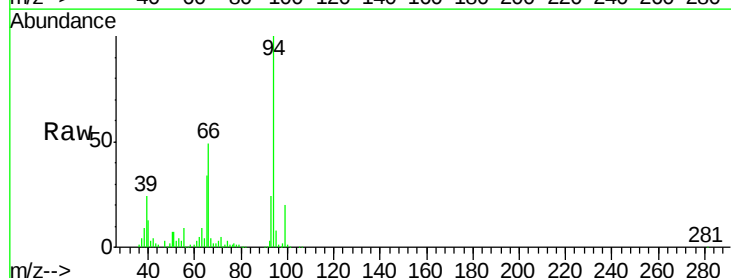
Tgt Ion: 94 Resp: 349879

Ion Ratio Lower Upper

94 100

65 34.3 12.6 52.6

66 48.9 27.3 67.3

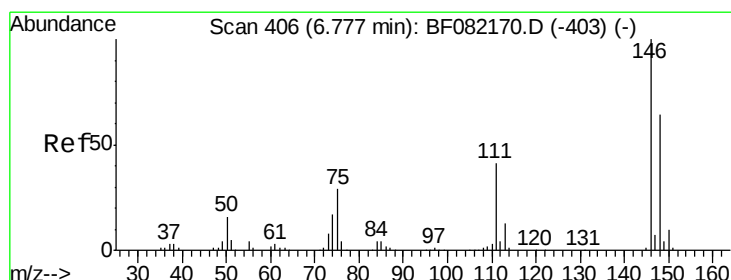
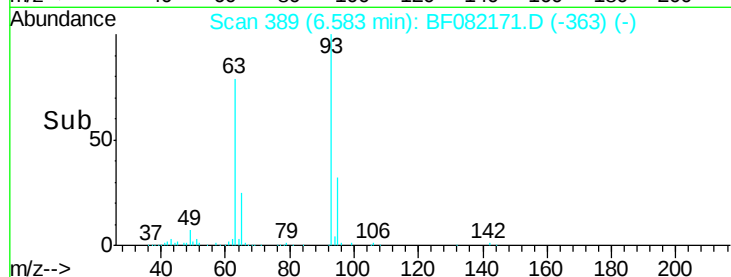
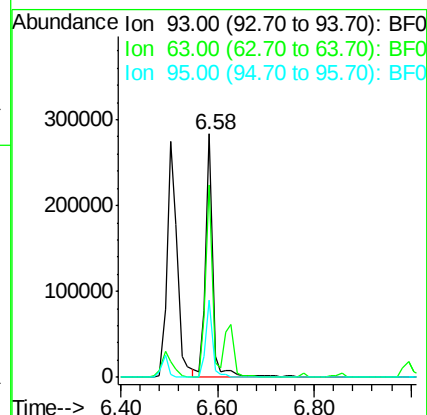
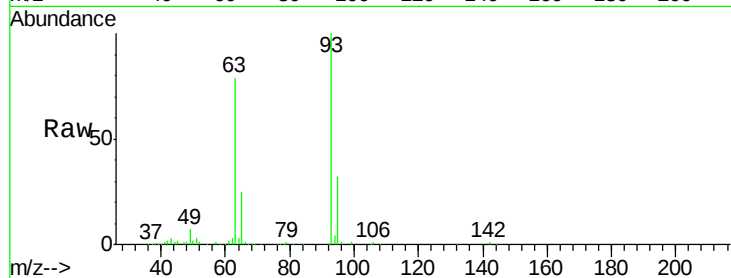




#11
bis(2-Chloroethyl)ether
Concen: 14.71 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

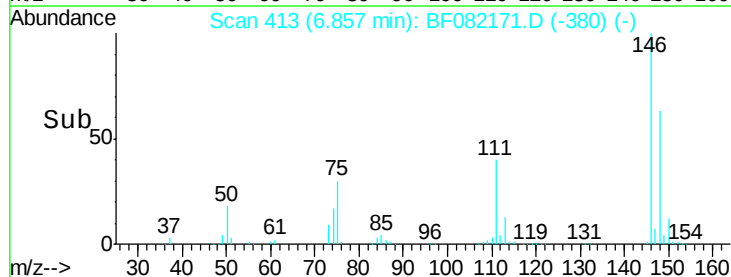
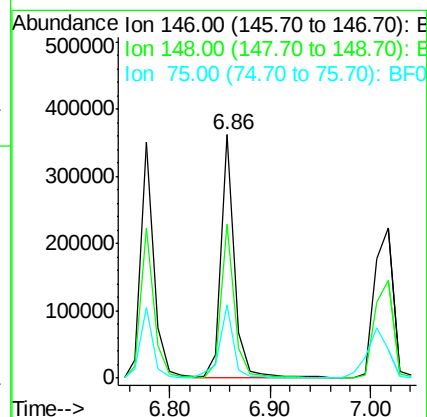
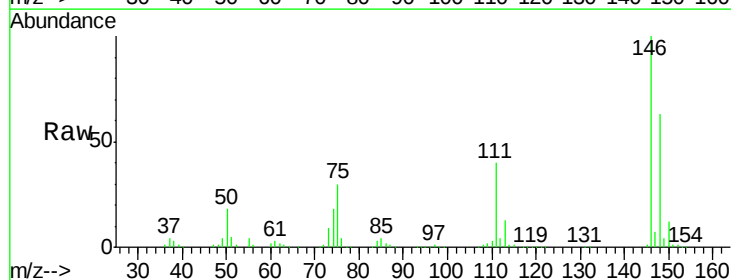
Instrument :
BNA_F
ClientSampleId :

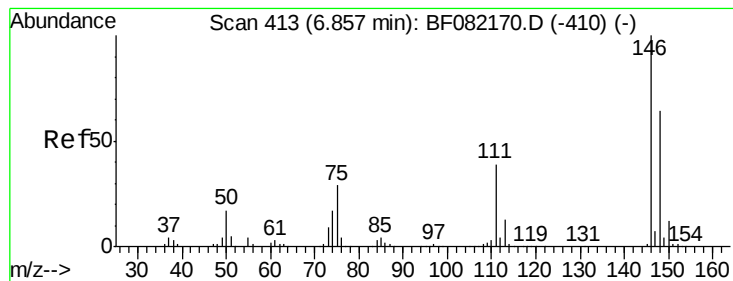
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	57.1	97.1
95	31.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 14.46 ng
RT: 6.86 min Scan# 413
Delta R.T. 0.08 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
75	29.9	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 12.02 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.16 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

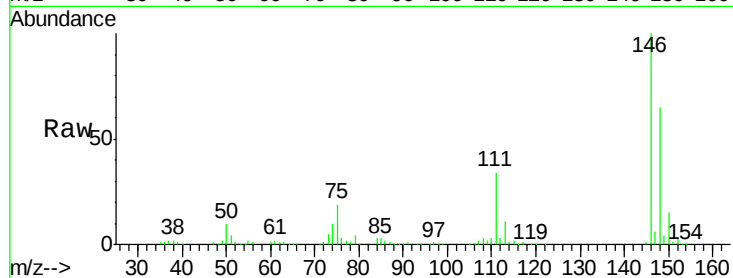
Tot Ion:146 Resp: 295803

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

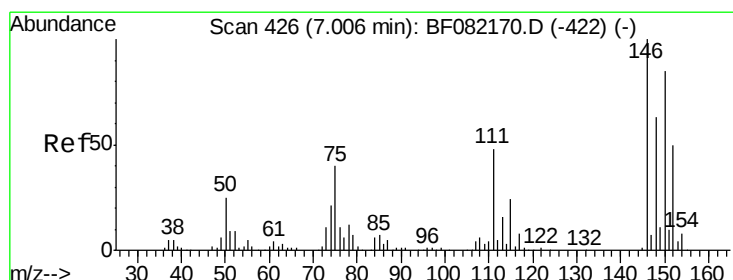
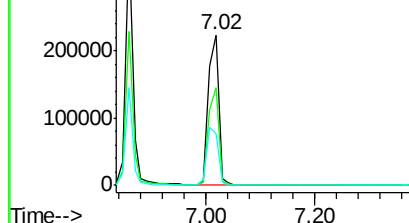
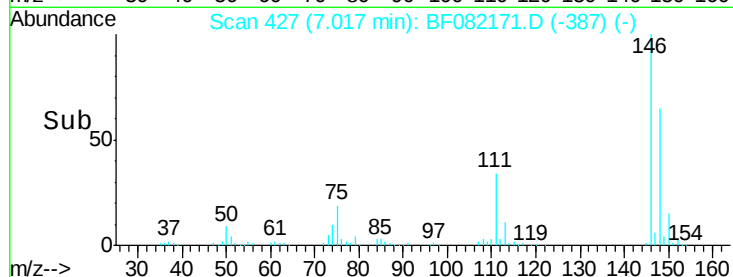
111 34.4 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.49 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

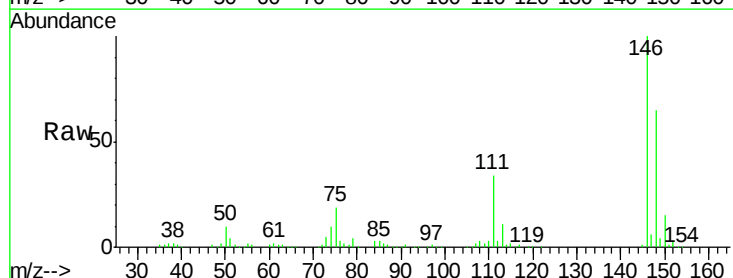
Tgt Ion:146 Resp: 295803

Ion Ratio Lower Upper

146 100

148 64.7 50.5 75.7

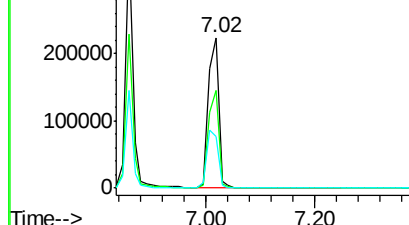
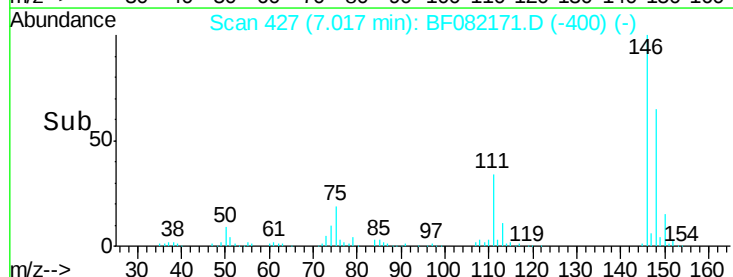
111 34.4 38.5 57.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.47 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampled :

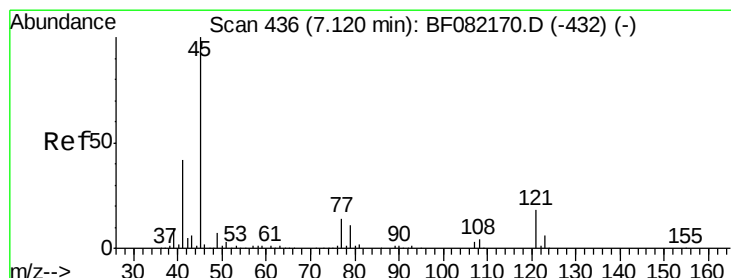
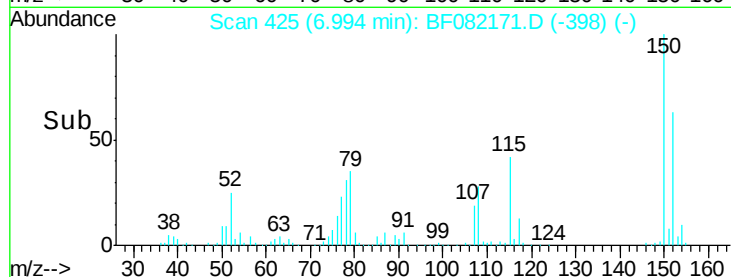
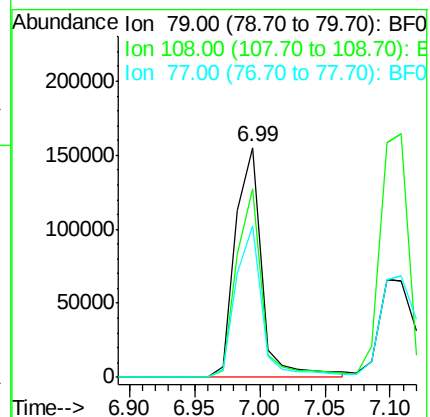
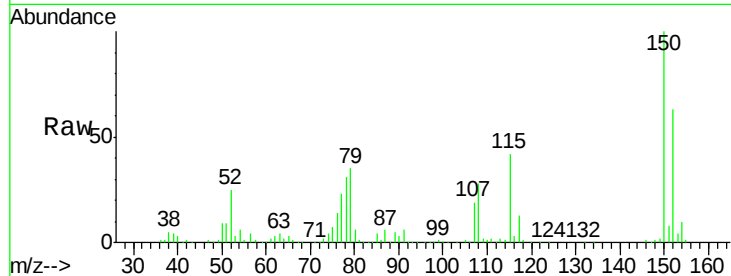
Tot Ion: 79 Resp: 218911

Ion Ratio Lower Upper

79 100

108 81.9 58.4 87.6

77 65.7 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.73 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

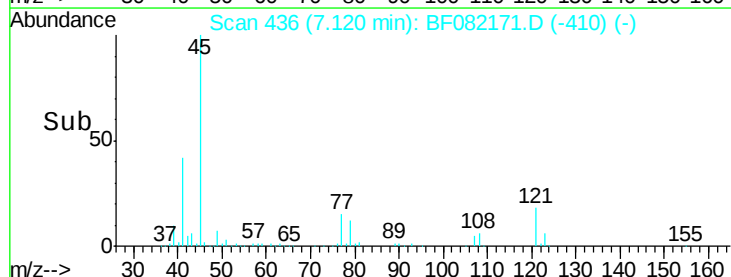
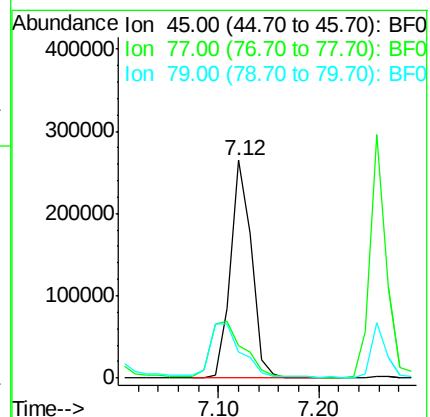
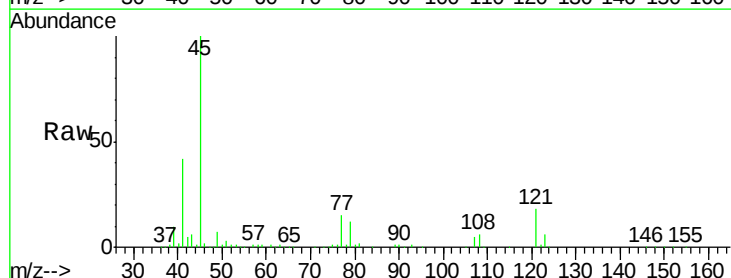
Tgt Ion: 45 Resp: 382320

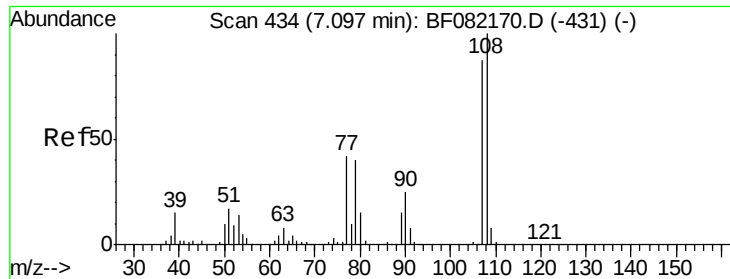
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

79 11.9 0.0 31.6

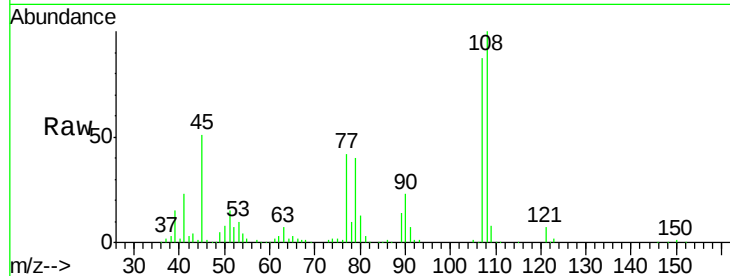




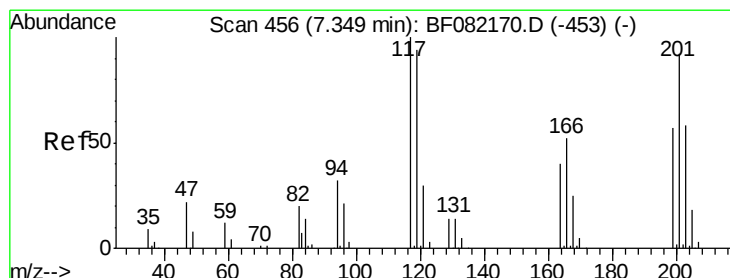
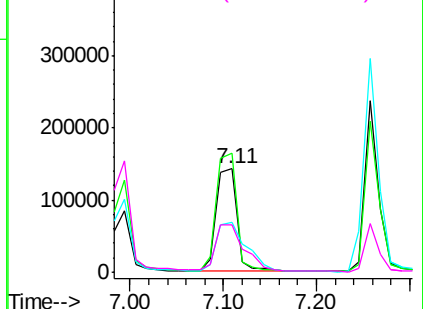
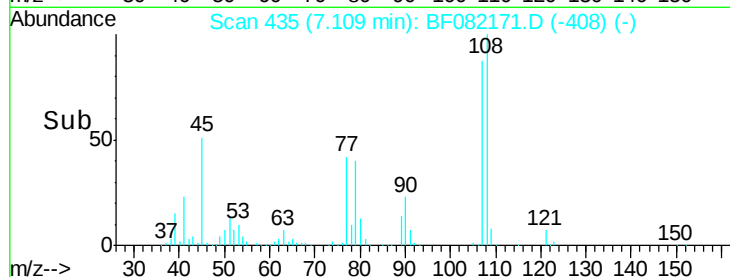
#17
2-Methylphenol
Concen: 13.79 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 221964
Ion Ratio Lower Upper
107 100
108 114.5 92.2 138.2
77 48.0 39.6 59.4
79 45.5 38.2 57.4

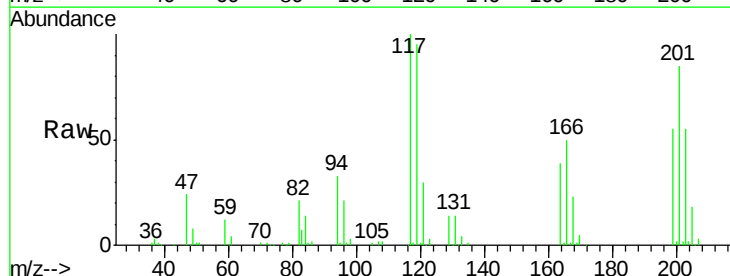


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

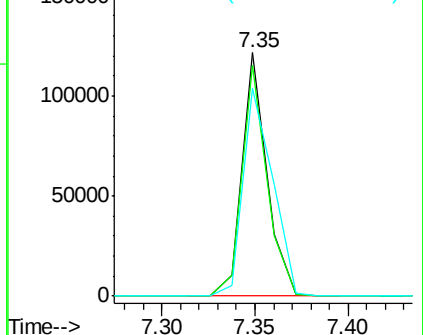
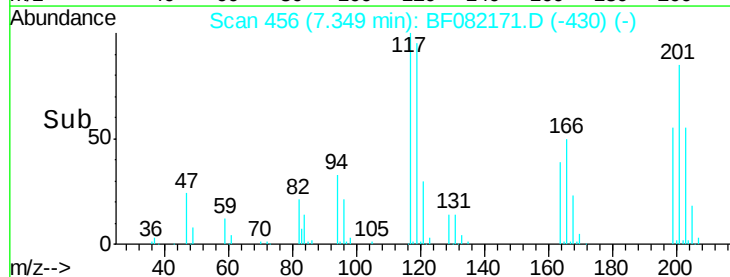


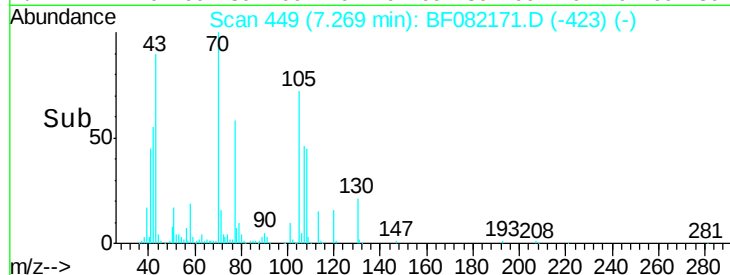
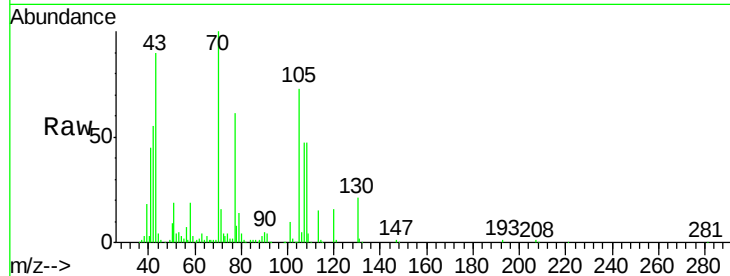
#18
Hexachloroethane
Concen: 14.43 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:117 Resp: 112332
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.2
201 85.5 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

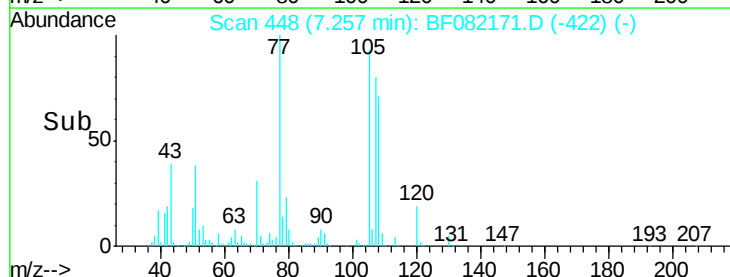
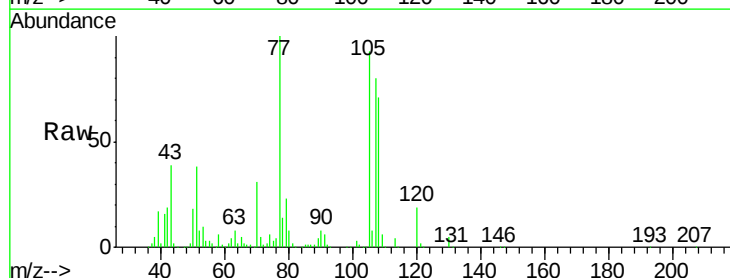
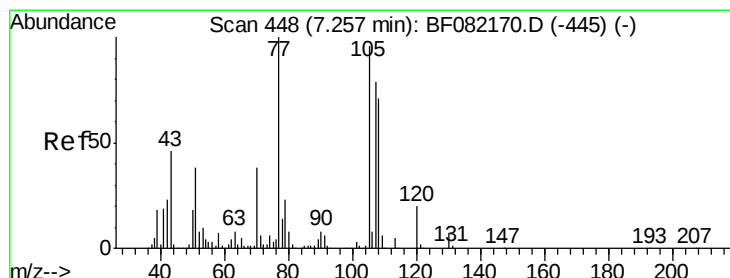
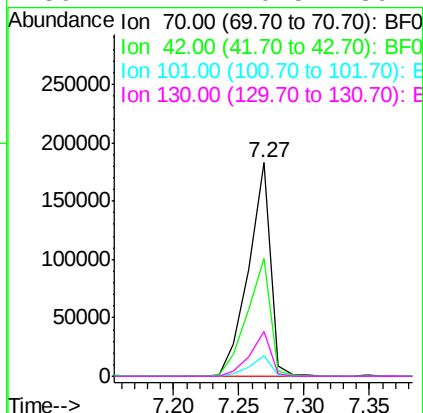




#19
n-Nitroso-di-n-propylamine
Concen: 15.54 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

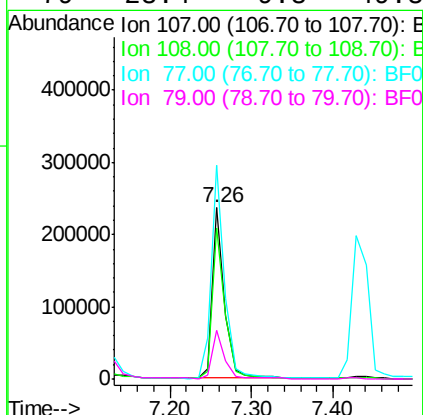
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	215168
Ion	Ratio	Lower	Upper
70	100		
42	55.2	39.8	59.8
101	9.6	8.6	13.0
130	21.1	20.5	30.7



#20
3+4-Methylphenols
Concen: 12.23 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:	107	Resp:	246917
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	124.8	106.0	146.0
79	28.4	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376687

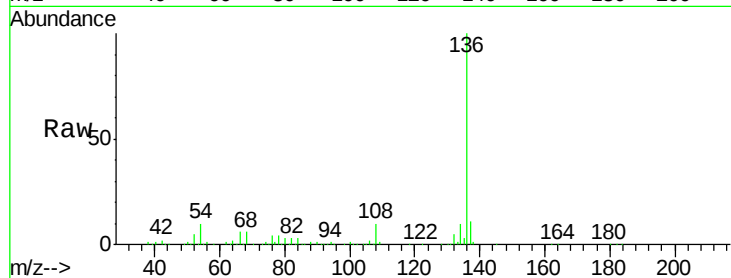
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.6 7.5 11.3

68 6.1 4.6 7.0

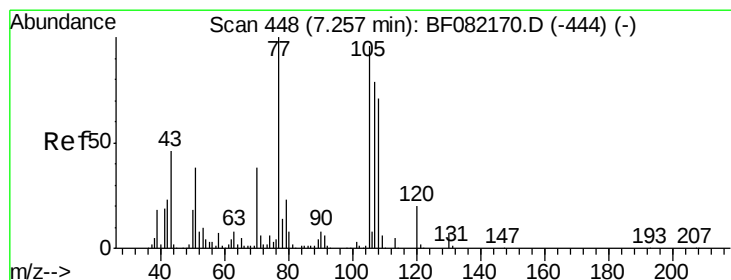
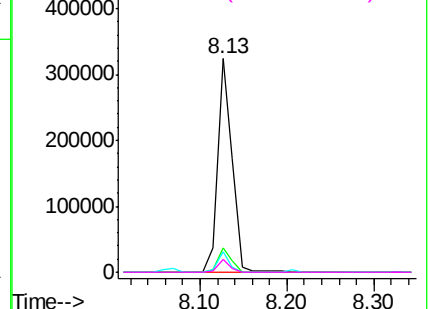
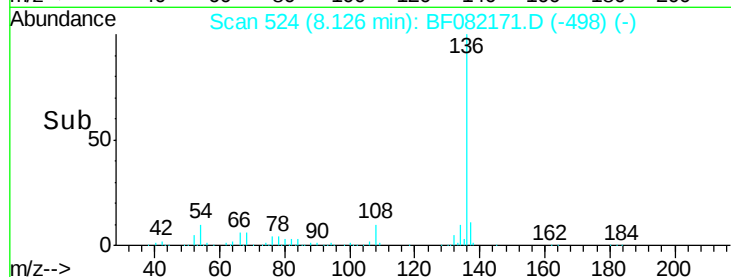


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.09 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:105 Resp: 352944

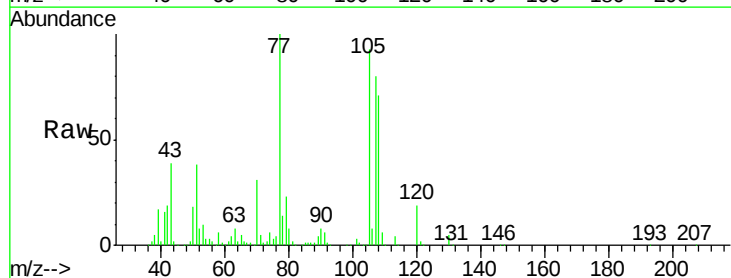
Ion Ratio Lower Upper

105 100

71 5.5 5.4 8.0

51 40.9 31.8 47.6

120 20.3 16.3 24.5

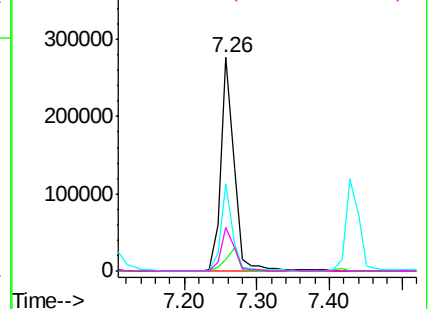
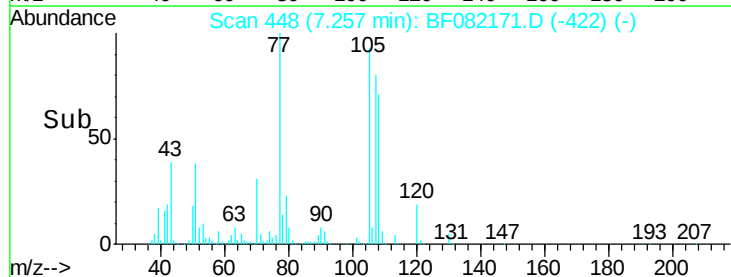


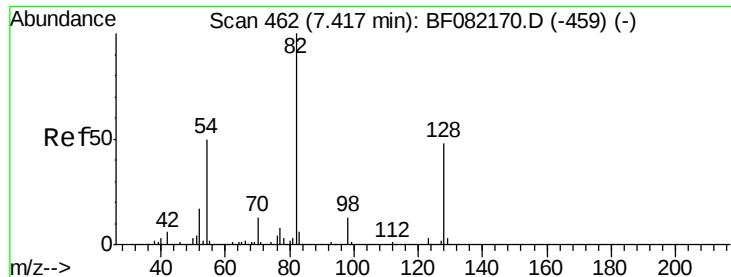
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

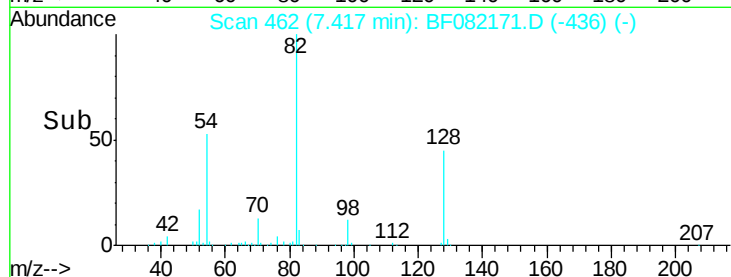
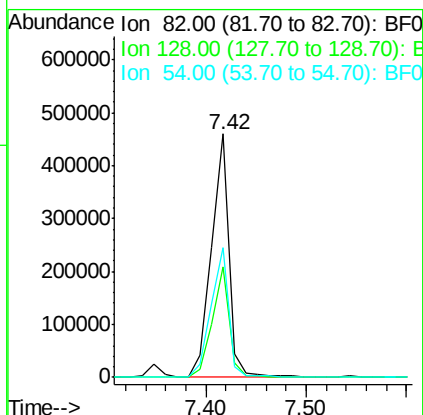
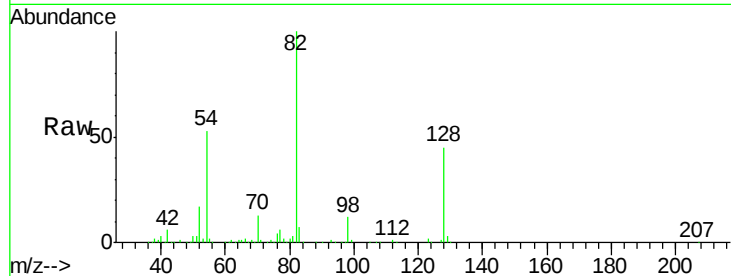




#23
 Nitrobenzene-d5
 Concen: 99.30 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

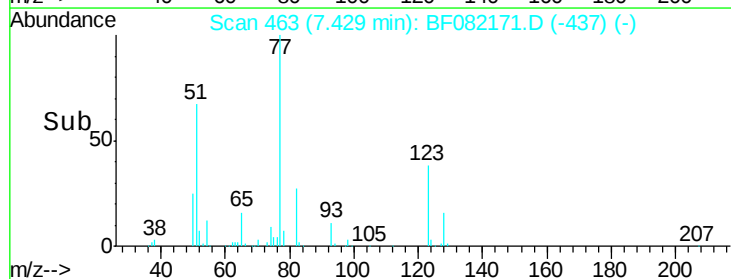
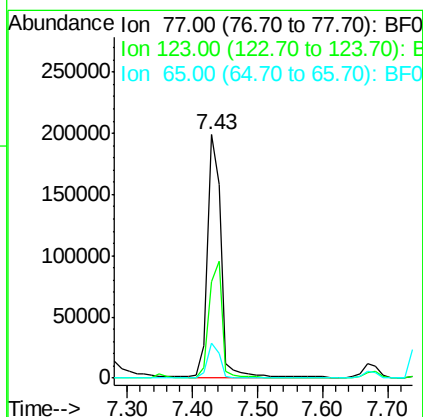
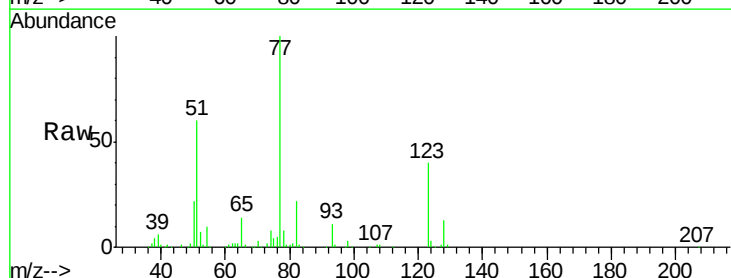
Instrument :
 BNA_F
 ClientSampleId :

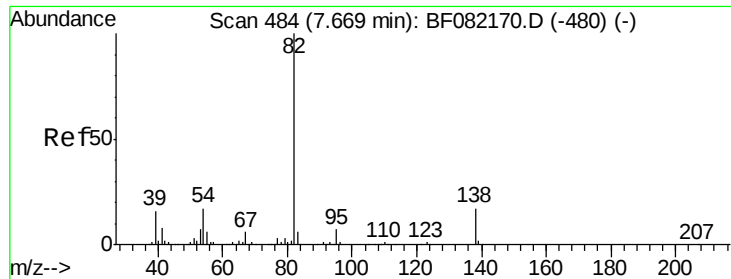
Tot Ion: 82 Resp: 564042
 Ion Ratio Lower Upper
 82 100
 128 45.4 38.7 58.1
 54 53.1 40.1 60.1



#24
 Nitrobenzene
 Concen: 47.16 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion: 77 Resp: 284599
 Ion Ratio Lower Upper
 77 100
 123 39.7 33.0 49.4
 65 14.2 11.2 16.8





#25

Isophorone

Concen: 48.77 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

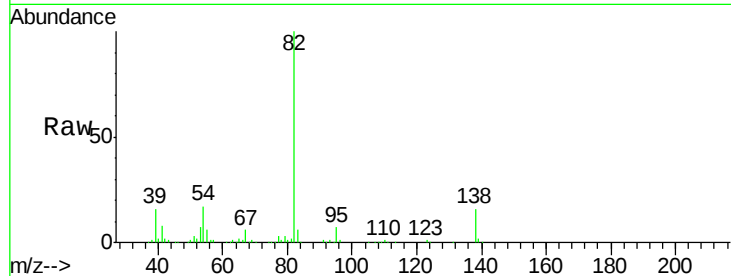
Tot Ion: 82 Resp: 545780

Ion Ratio Lower Upper

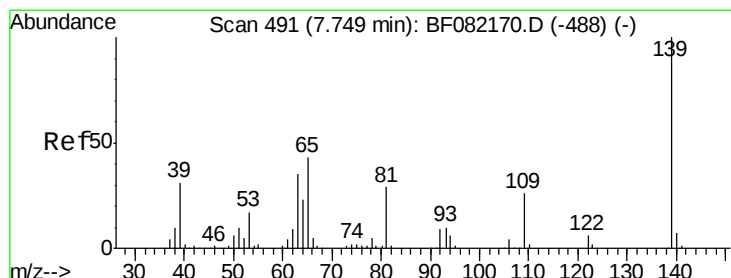
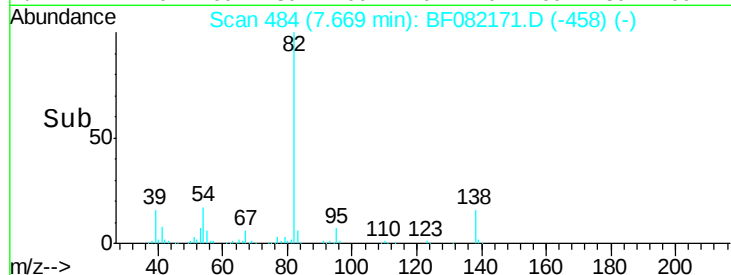
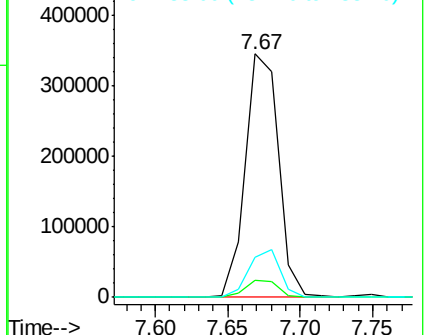
82 100

95 6.9 5.6 8.4

138 16.3 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: 55.81 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

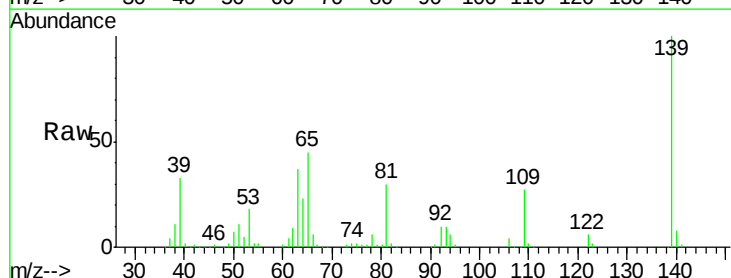
Tgt Ion: 139 Resp: 166728

Ion Ratio Lower Upper

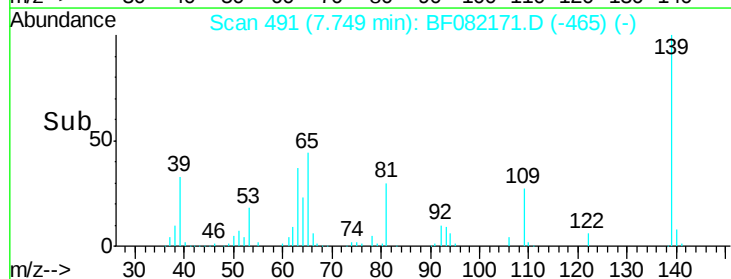
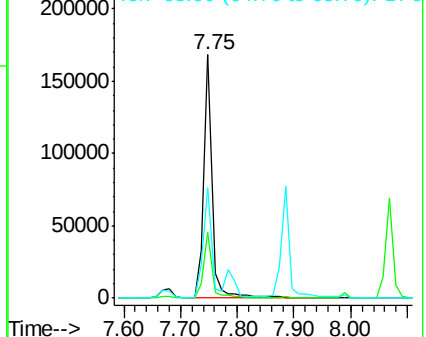
139 100

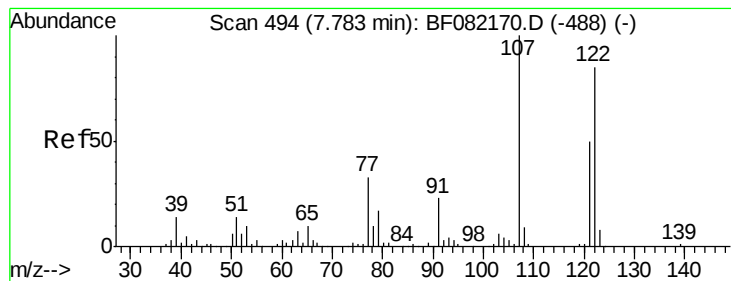
109 27.1 20.6 31.0

65 45.2 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: 47.05 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

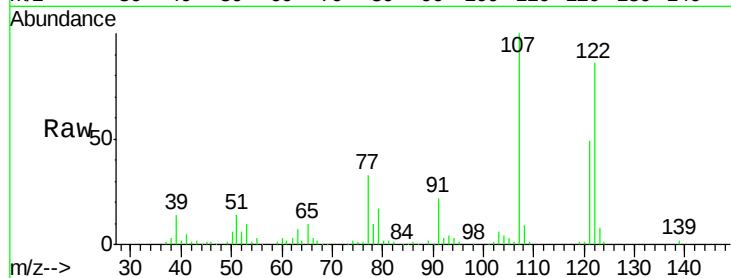
Tot Ion:122 Resp: 240035

Ion Ratio Lower Upper

122 100

107 116.6 94.0 141.0

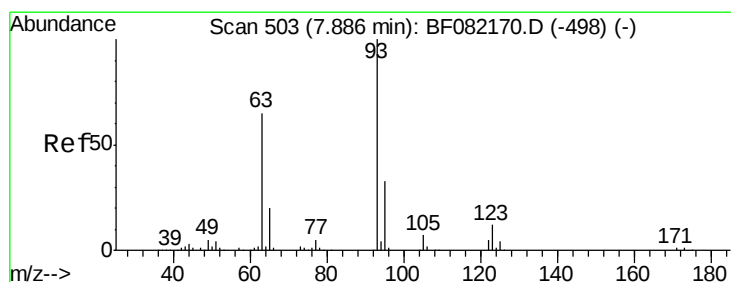
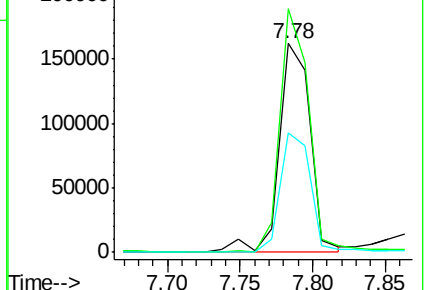
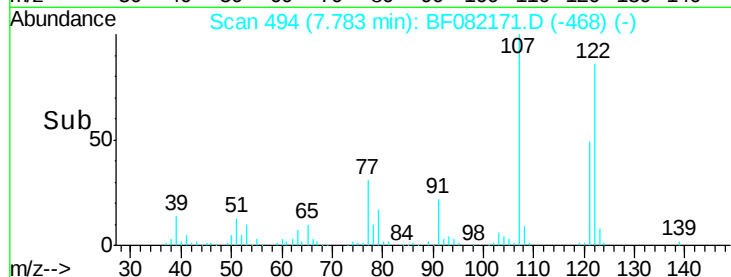
121 57.0 46.8 70.2



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: 51.20 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

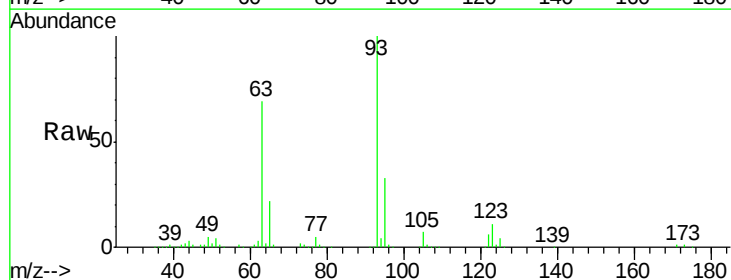
Tgt Ion: 93 Resp: 346226

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

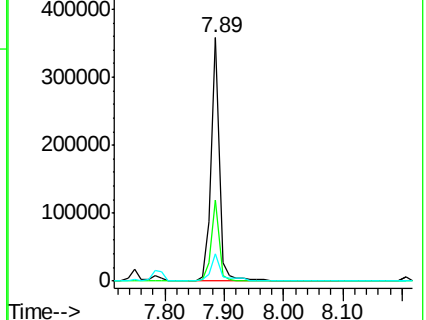
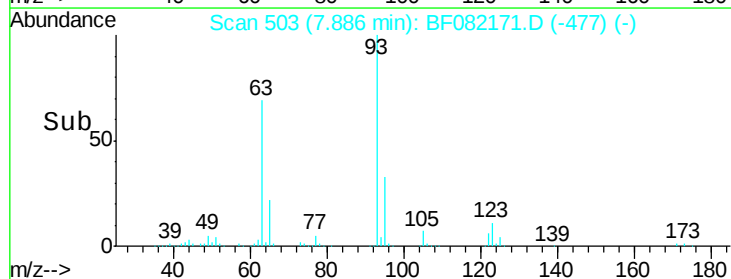
123 11.2 9.5 14.3

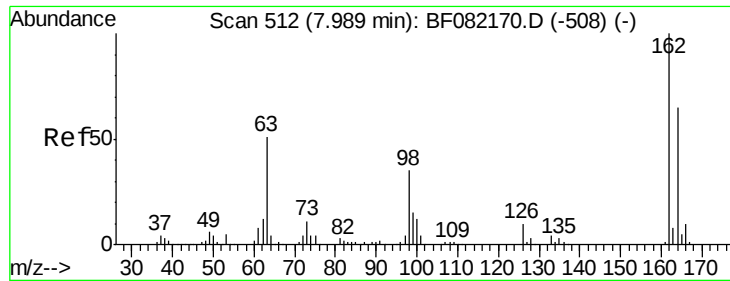


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

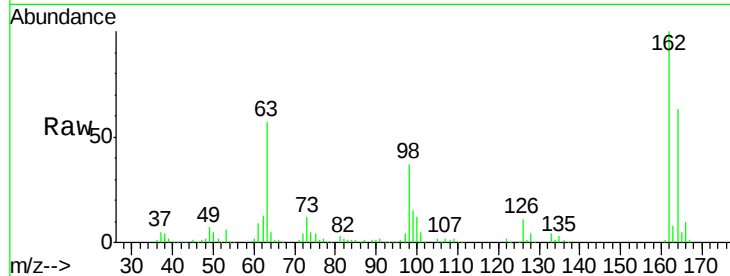




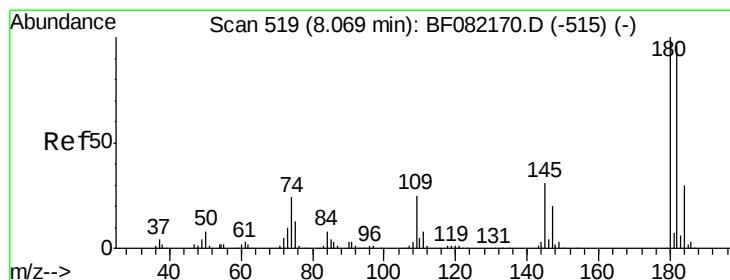
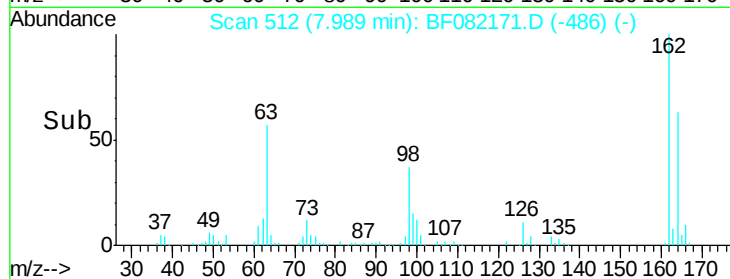
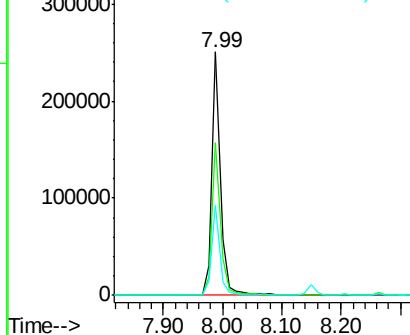
#29
2,4-Dichlorophenol
Concen: 49.75 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.8	15.0	55.0

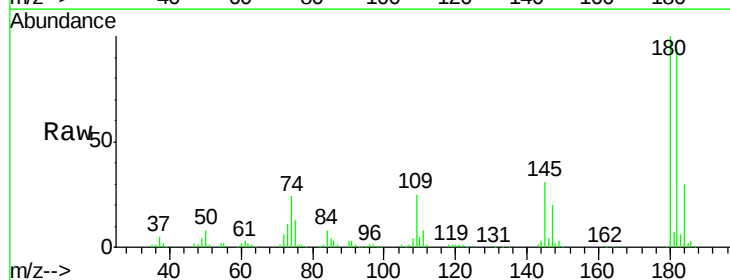


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

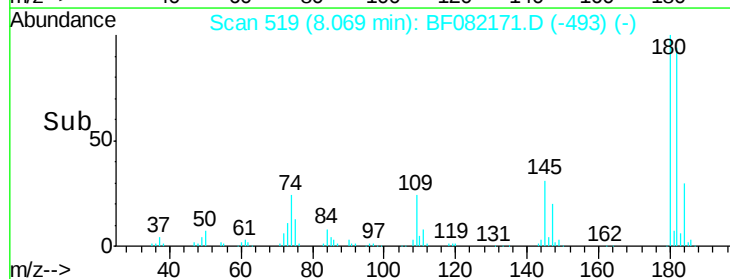
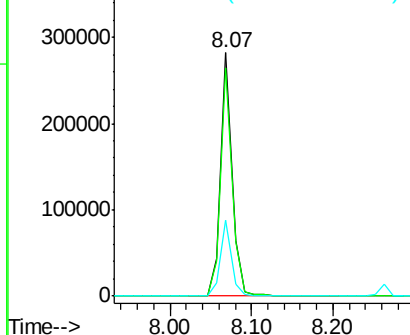


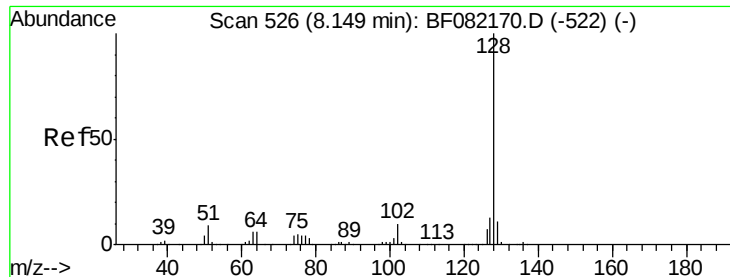
#30
1,2,4-Trichlorobenzene
Concen: 49.10 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	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

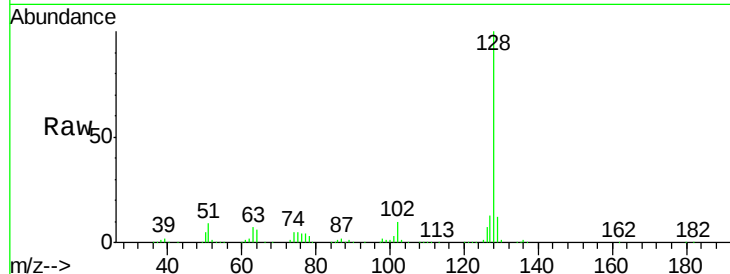




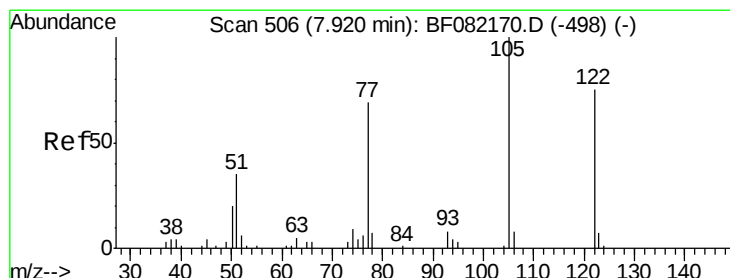
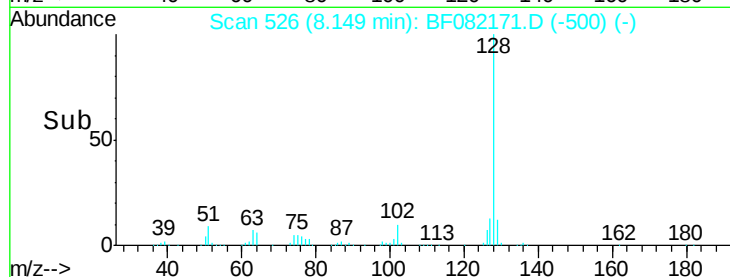
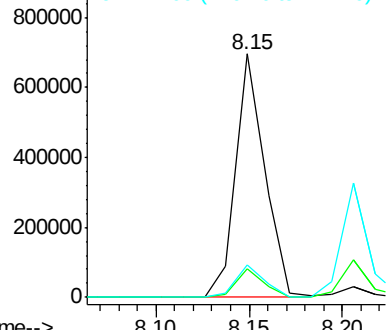
#31
Naphthalene
Concen: 45.08 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.5	10.7	16.1

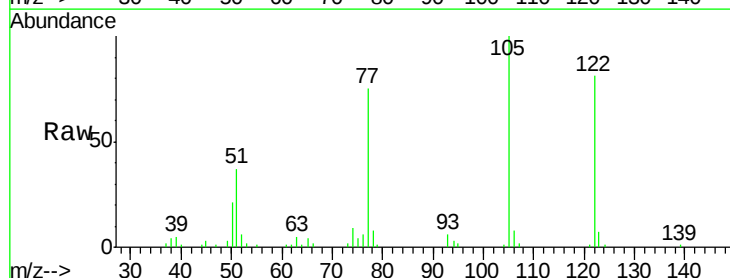


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

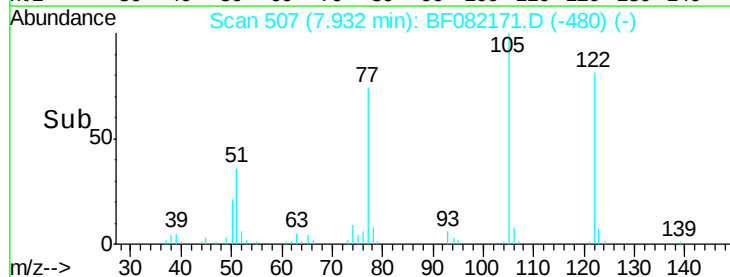
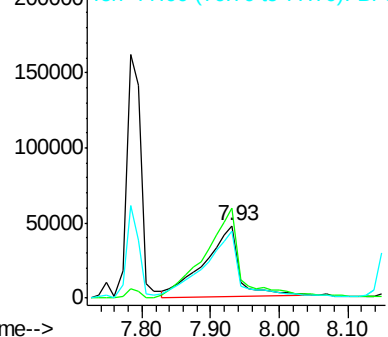


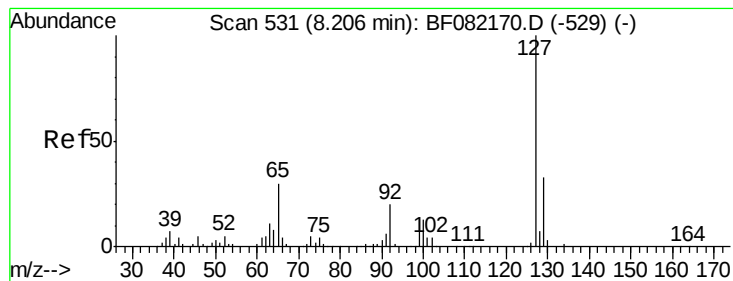
#32
Benzoic acid
Concen: 58.53 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	104.4	144.4
77	92.9	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: 47.82 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF082171.D

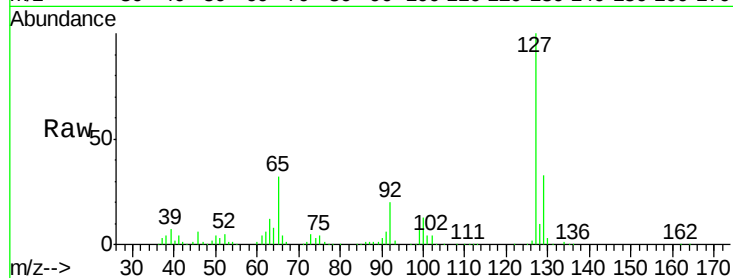
Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	343957
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	31.8	24.4	36.6
92	19.8	15.7	23.5

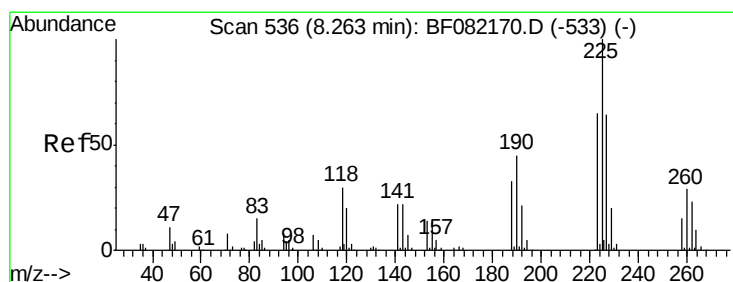
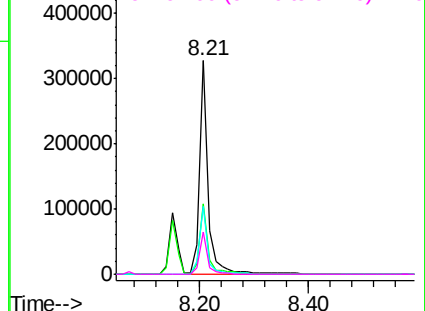
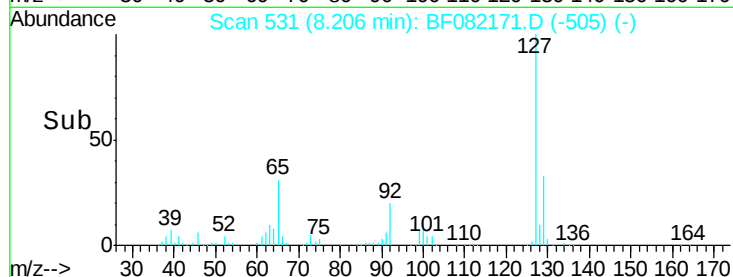


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 49.38 ng

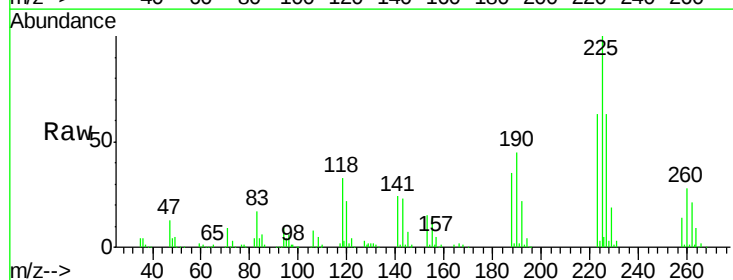
RT: 8.26 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

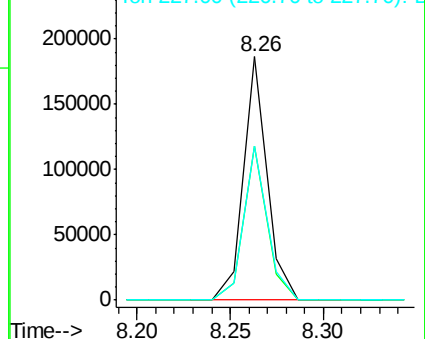
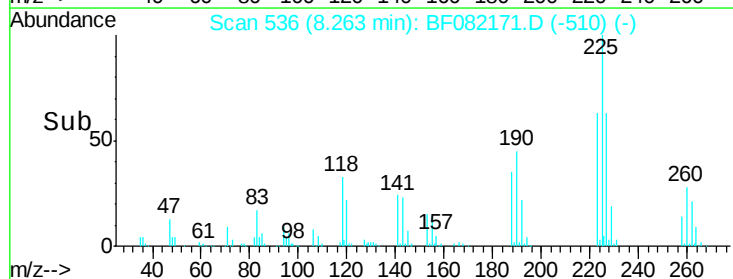
Tgt Ion:	225	Resp:	165031
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.2
227	63.1	51.3	76.9



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: 46.33 ng

RT: 8.59 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

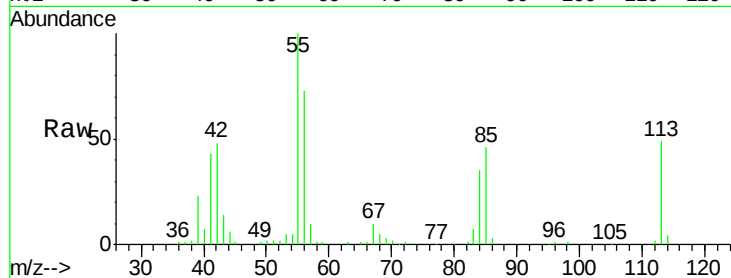
Tot Ion:113 Resp: 65256

Ion Ratio Lower Upper

113 100

55 202.6 149.7 189.7#

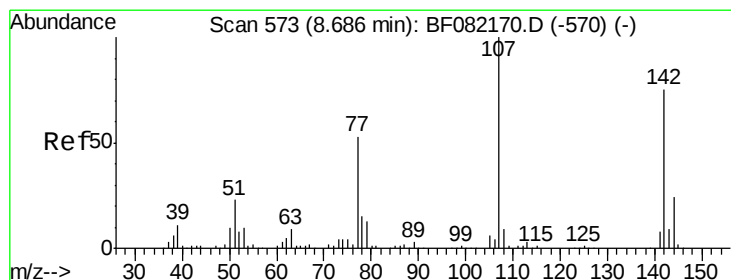
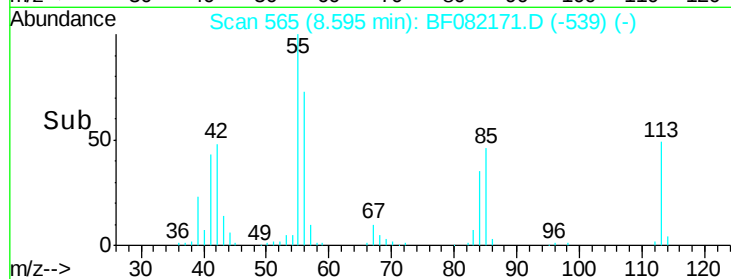
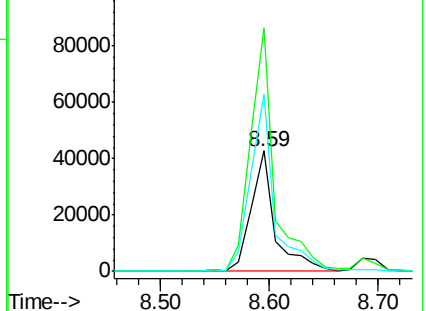
56 147.3 105.4 145.4#



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: 48.92 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

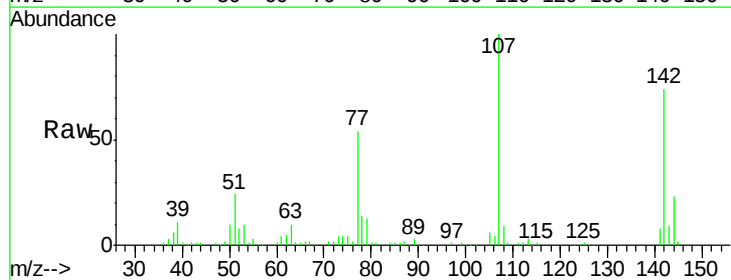
Tgt Ion:107 Resp: 239117

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

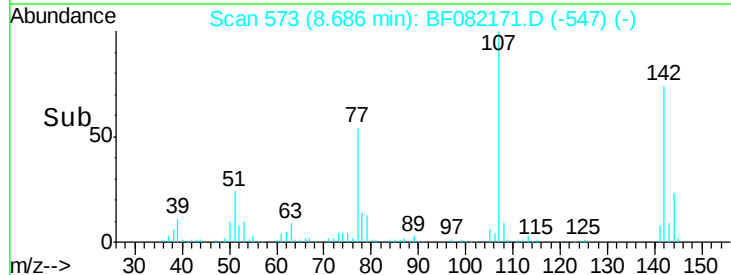
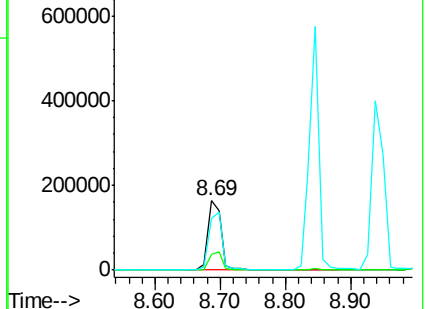
142 73.9 59.9 89.9

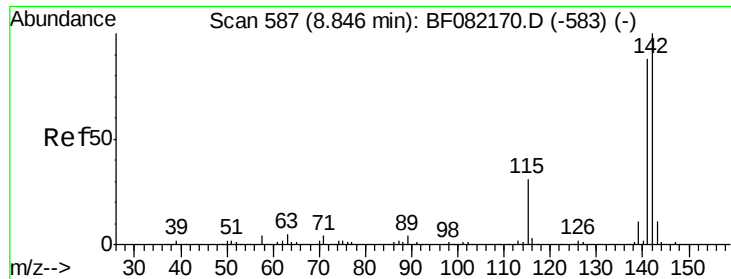


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

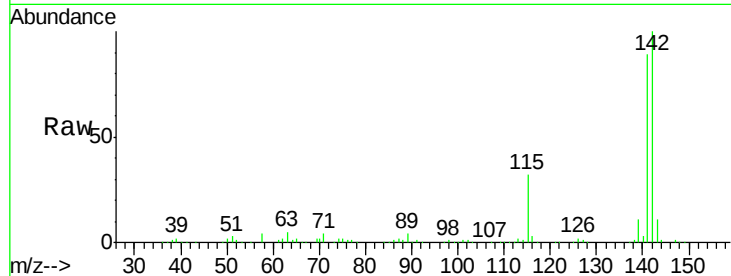




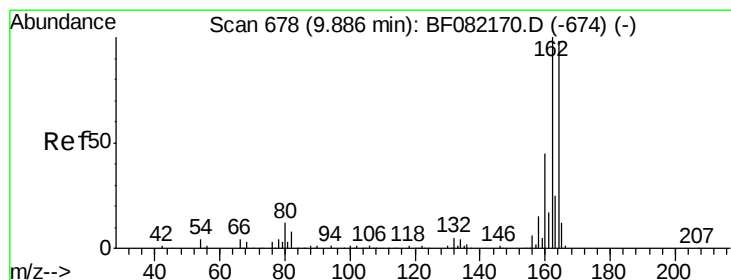
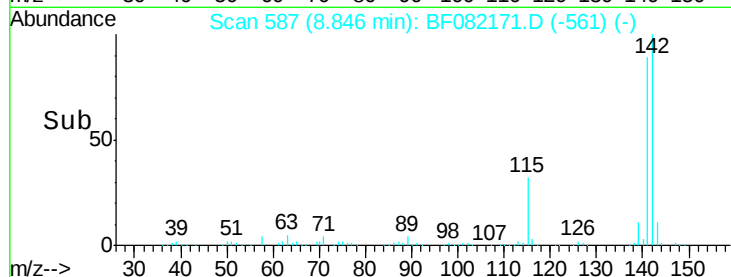
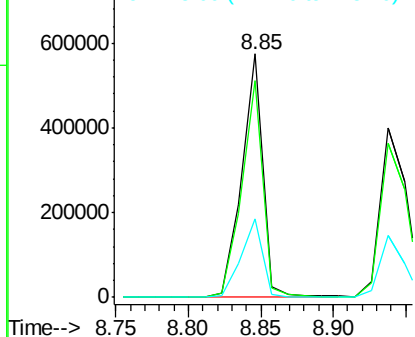
#37
2-Methylnaphthalene
Concen: 50.74 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	32.0	24.6	37.0

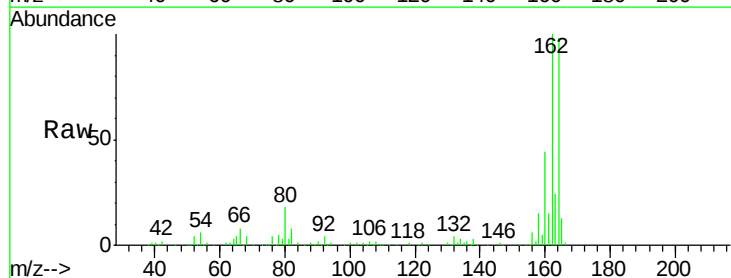


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

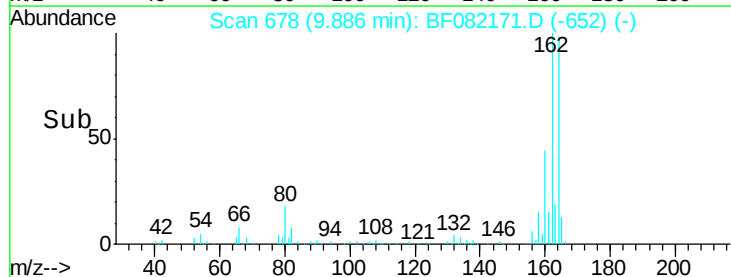
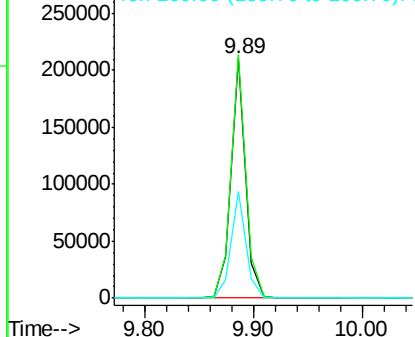


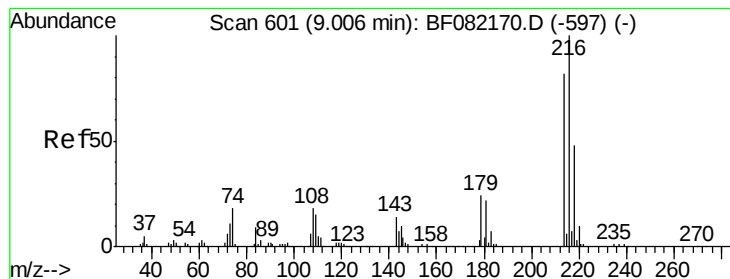
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	44.3	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.69 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262241

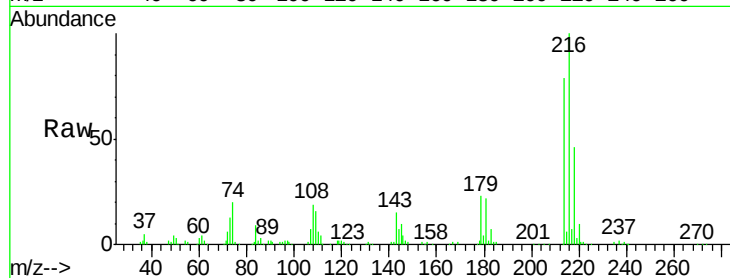
Ion Ratio Lower Upper

216 100

214 78.2 64.6 97.0

179 21.0 17.6 26.4

108 17.9 14.5 21.7

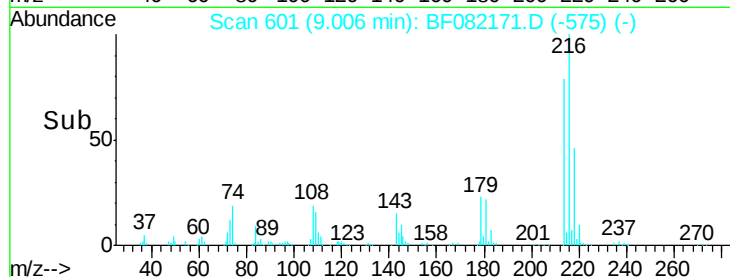


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

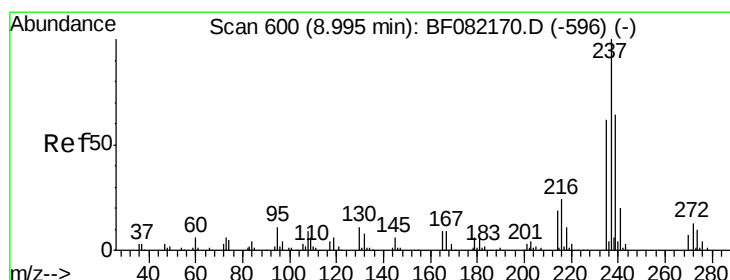
Ion 108.00 (107.70 to 108.70): E



Abundance

9.01

Time-->



#40

Hexachlorocyclopentadiene

Concen: 44.59 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

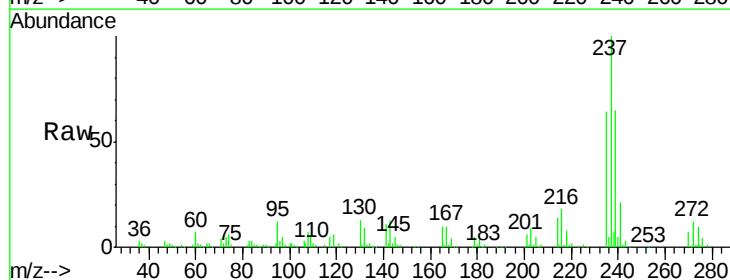
Tgt Ion:237 Resp: 130468

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

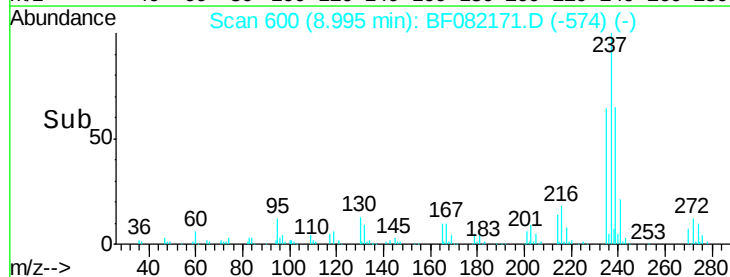
272 12.2 0.0 32.8



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



Abundance

8.99

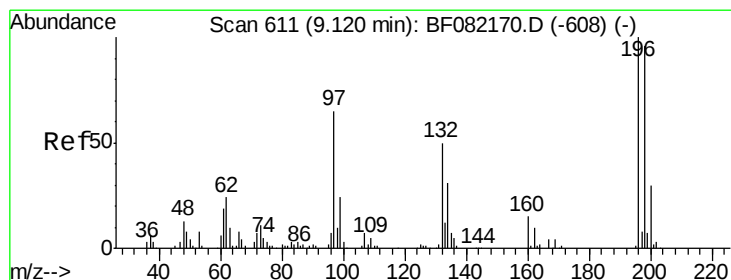
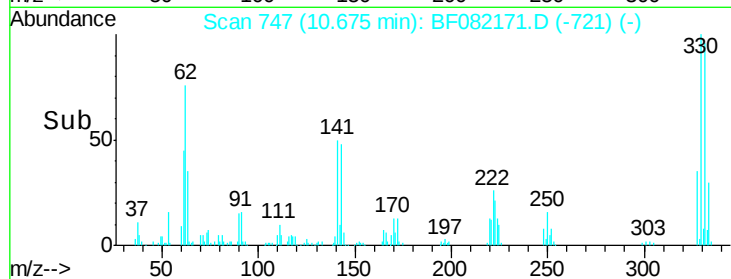
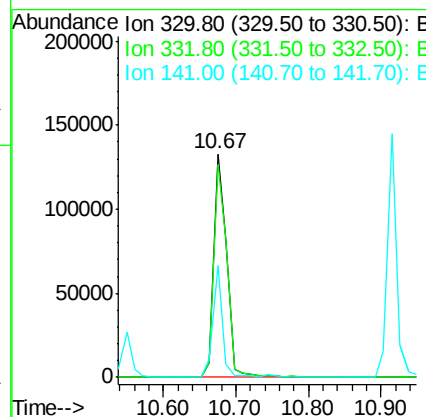
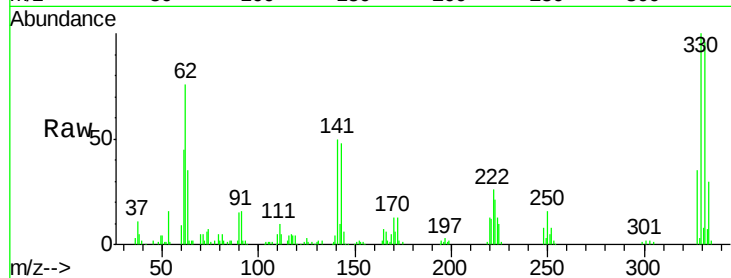
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 84.82 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

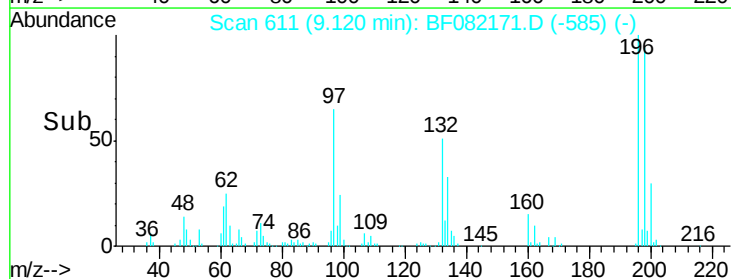
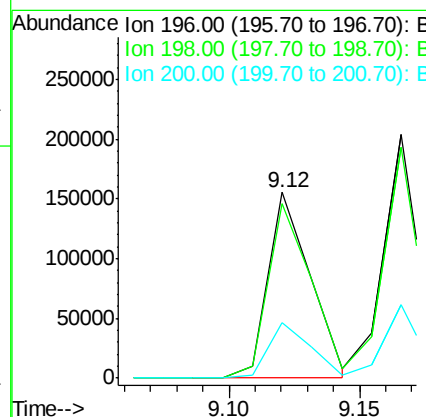
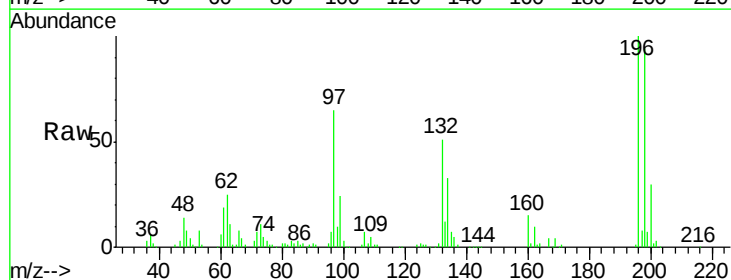
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	37.5	29.8	44.8



#42
 2,4,6-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.6	115.0
200	29.6	23.7	35.5

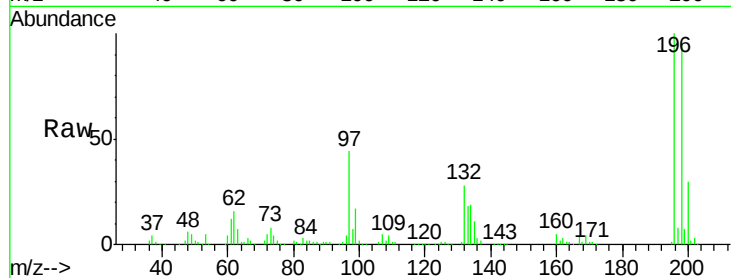




#43
 2,4,5-Trichlorophenol
 Concen: 48.16 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.0	115.4
97	43.7	31.9	47.9
132	27.5	20.3	30.5



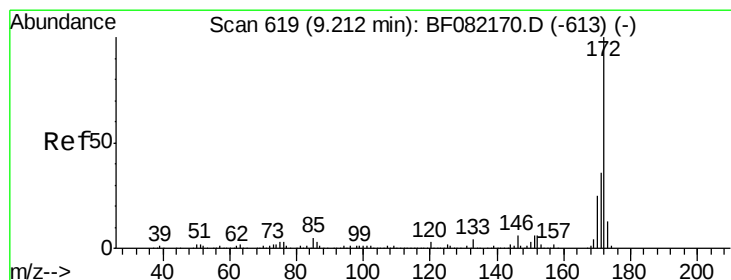
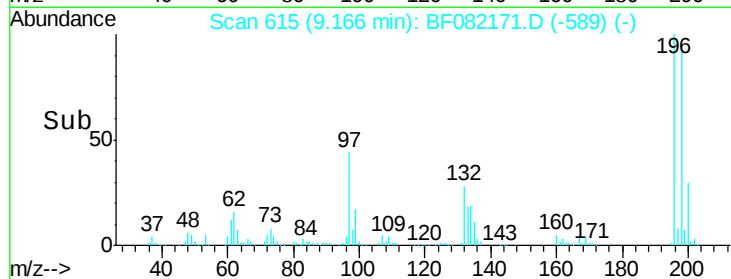
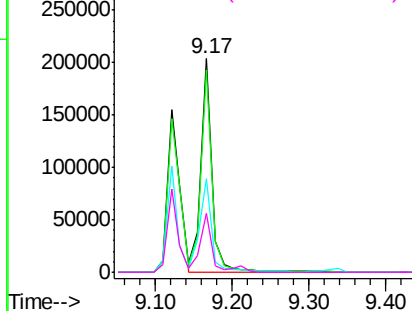
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

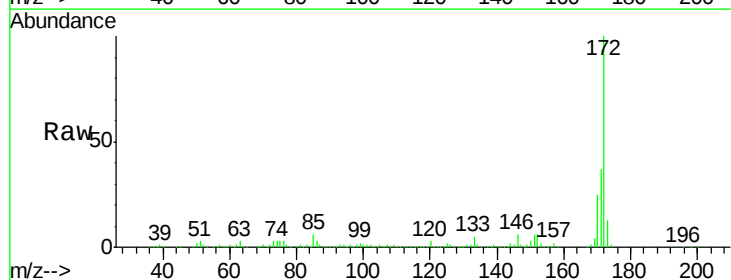
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.31 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.9	19.7	29.5

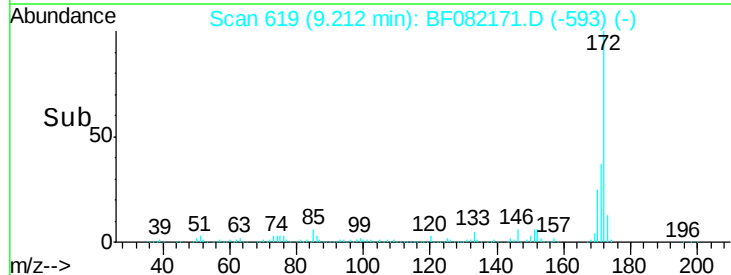
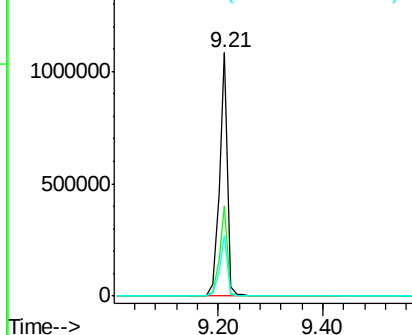


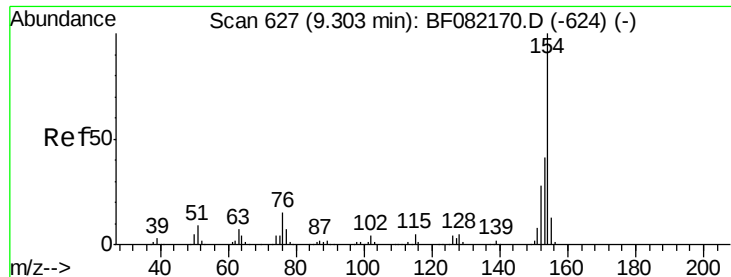
Abundance

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

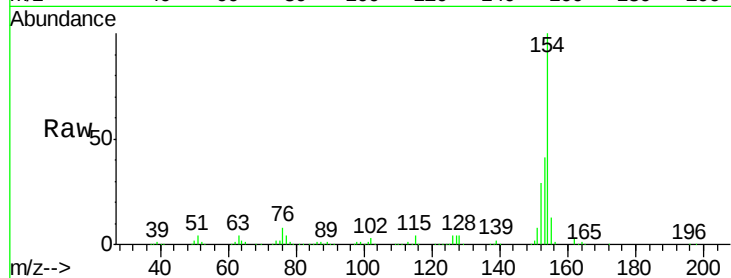




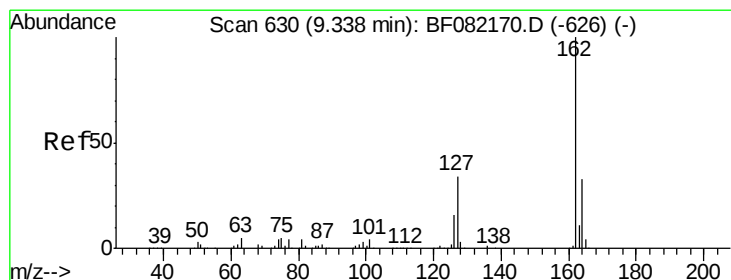
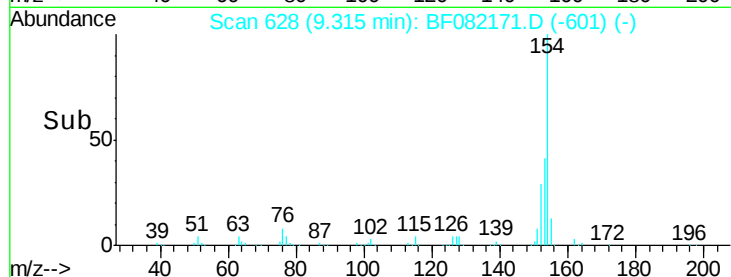
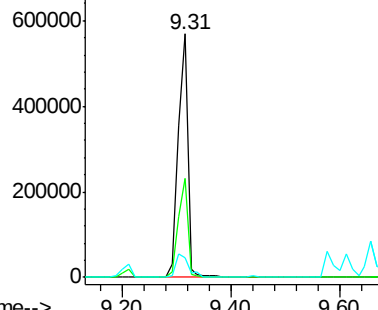
#45
 1,1'-Biphenyl
 Concen: 46.64 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 688363
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 8.0 0.0 35.2

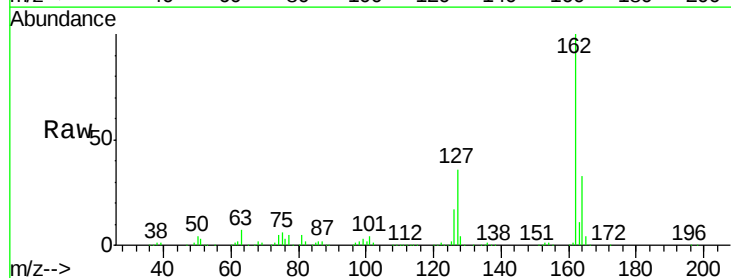


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

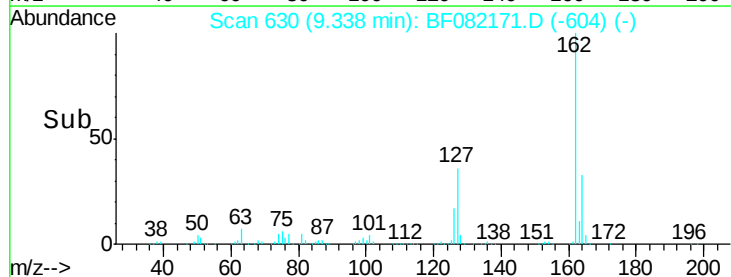
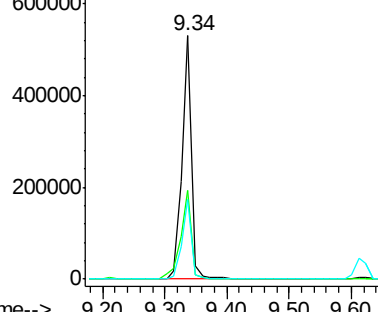


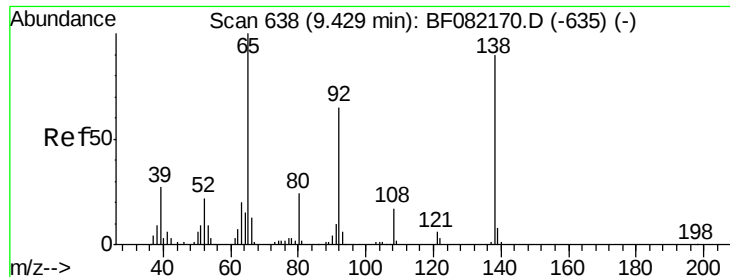
#46
 2-Chloronaphthalene
 Concen: 48.17 ng
 RT: 9.34 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:162 Resp: 558787
 Ion Ratio Lower Upper
 162 100
 127 36.4 27.5 41.3
 164 32.9 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: 46.95 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

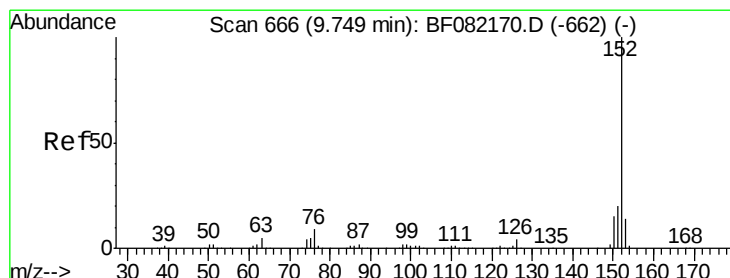
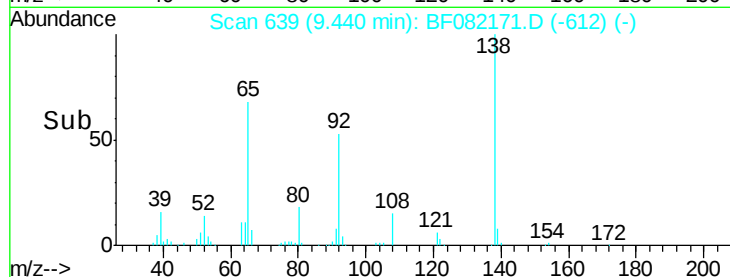
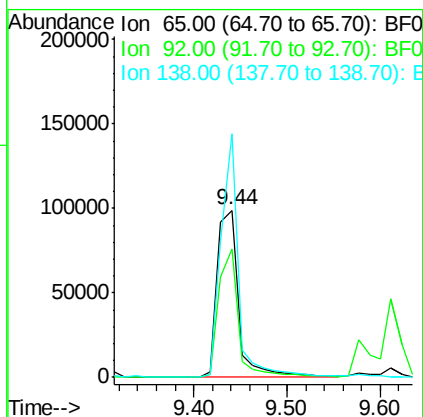
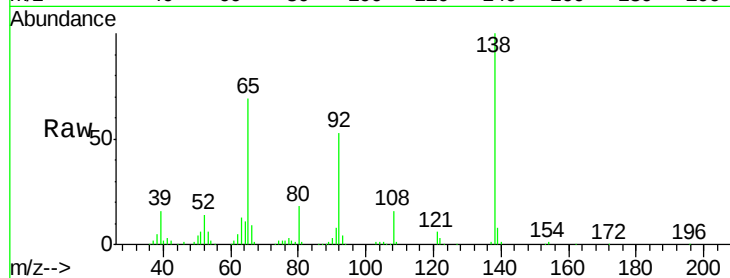
Tot Ion: 65 Resp: 159591

Ion Ratio Lower Upper

65 100

92 76.8 52.3 78.5

138 145.7 72.2 108.4#



#48

Acenaphthylene

Concen: 43.85 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

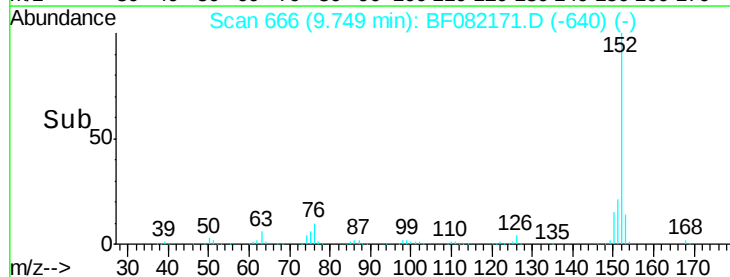
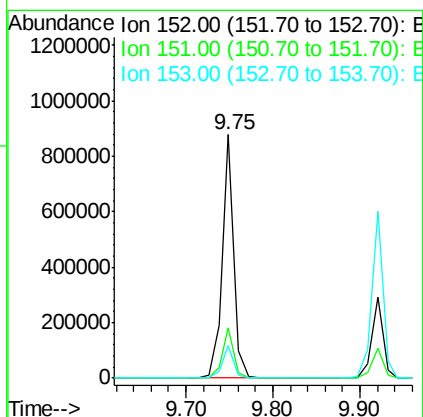
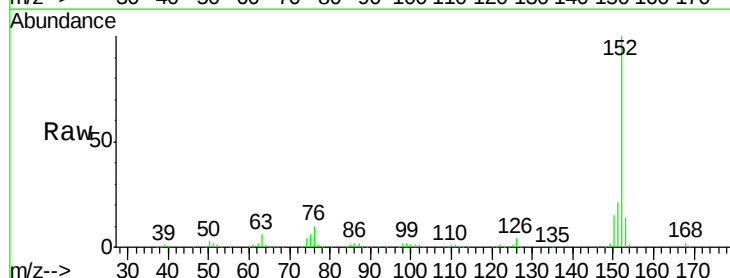
Tgt Ion: 152 Resp: 818655

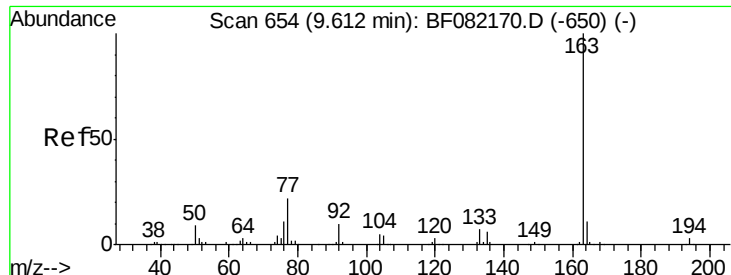
Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 46.39 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

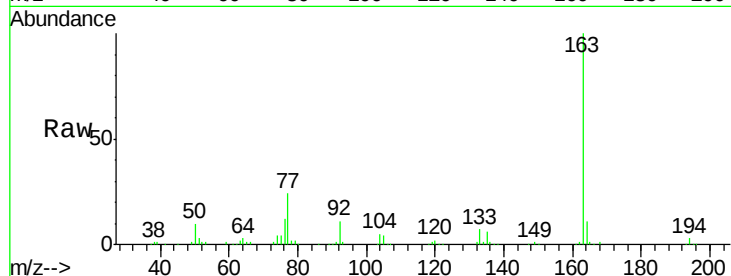
Tot Ion:163 Resp: 609068

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

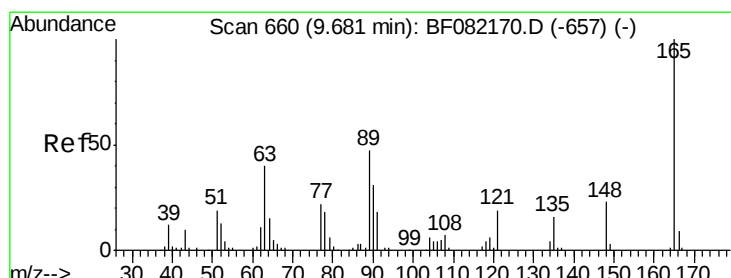
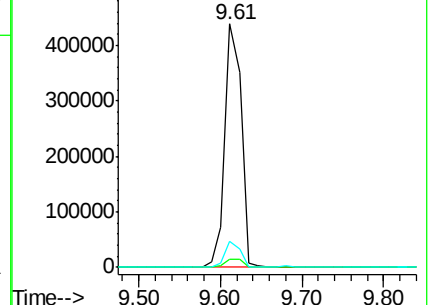
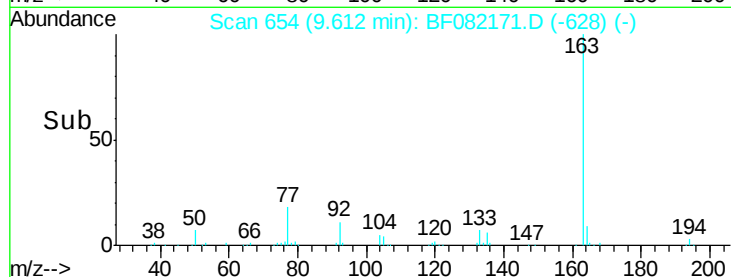
164 10.7 8.5 12.7



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: 47.71 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

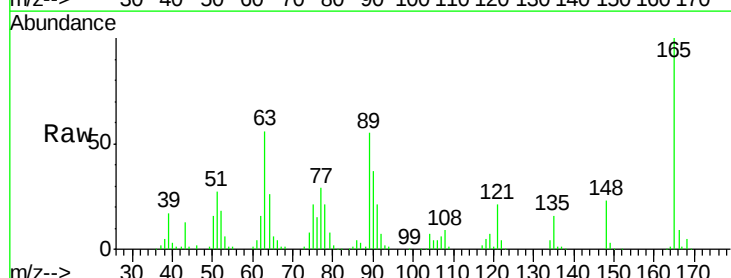
Tgt Ion:165 Resp: 138898

Ion Ratio Lower Upper

165 100

63 56.2 36.7 55.1#

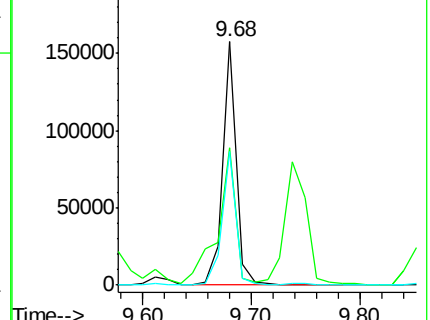
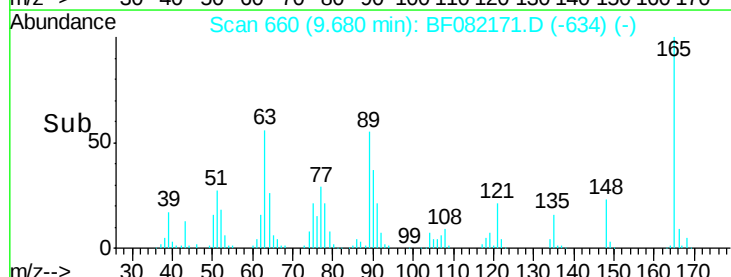
89 54.6 37.8 56.6

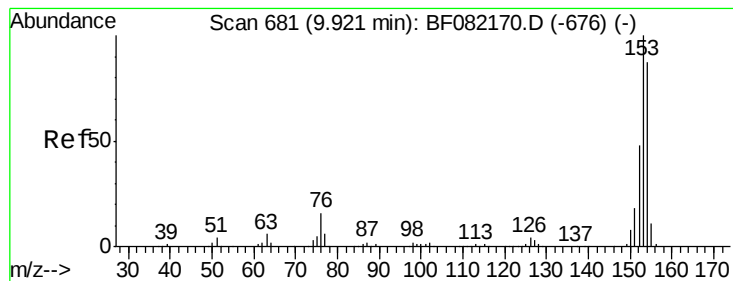


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.62 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

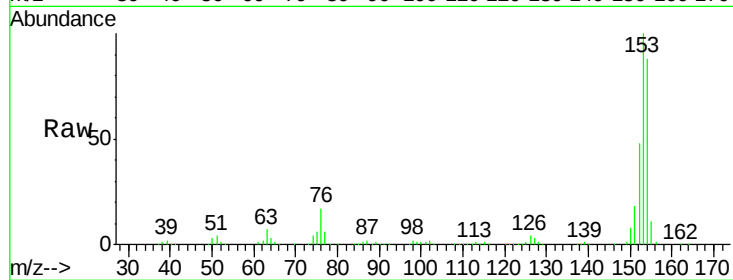
Tot Ion:154 Resp: 517857

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

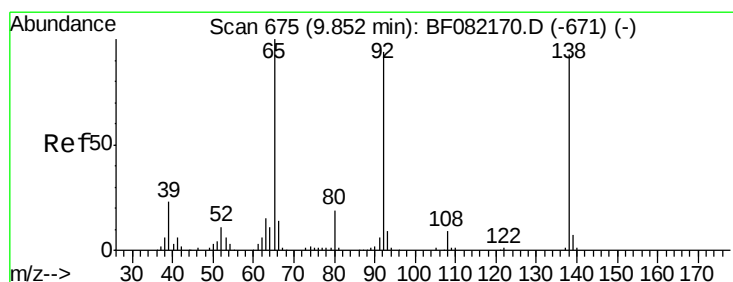
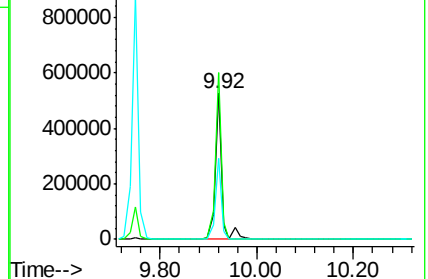
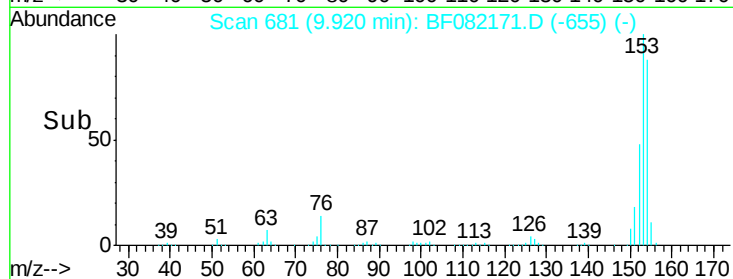
152 55.1 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.06 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

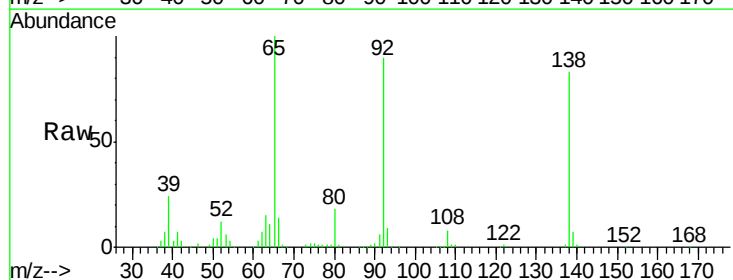
Tgt Ion:138 Resp: 155989

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

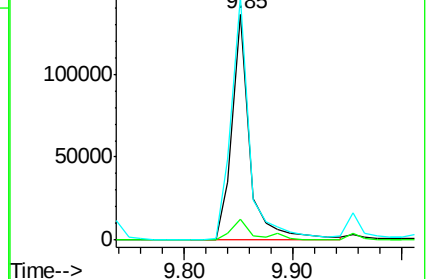
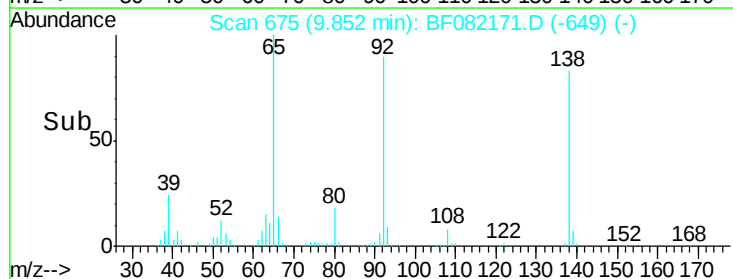
92 107.7 81.3 121.9



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

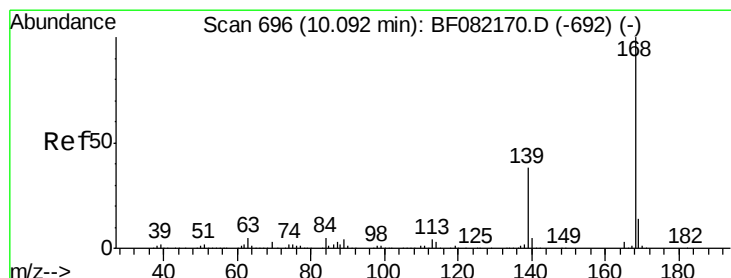
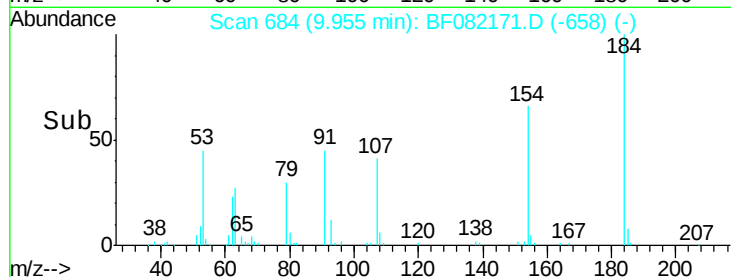
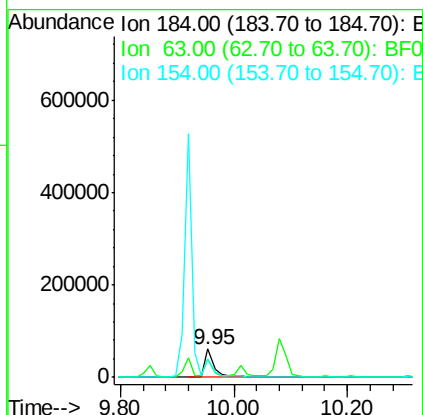
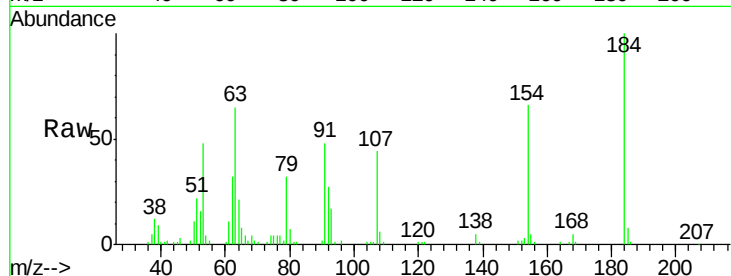




#53
2,4-Dinitrophenol
Concen: 70.67 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

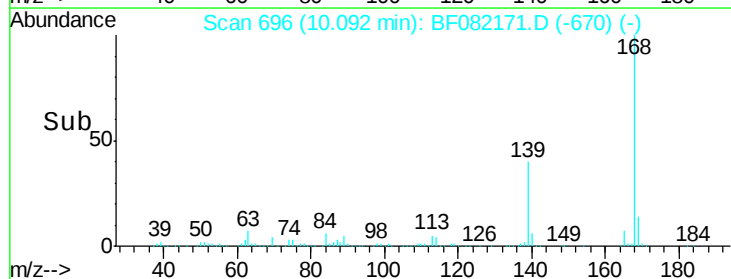
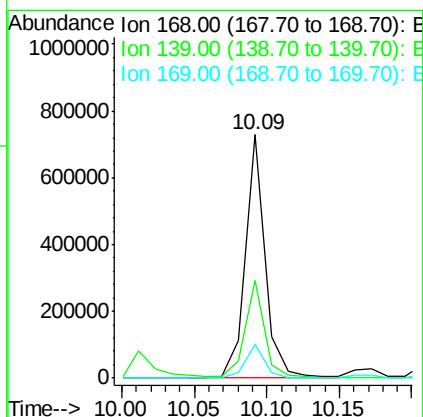
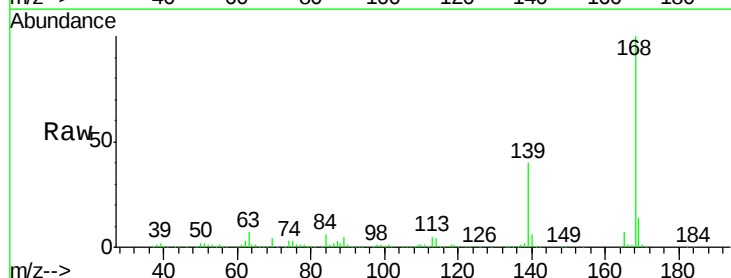
Instrument :
BNA_F
ClientSampleId :

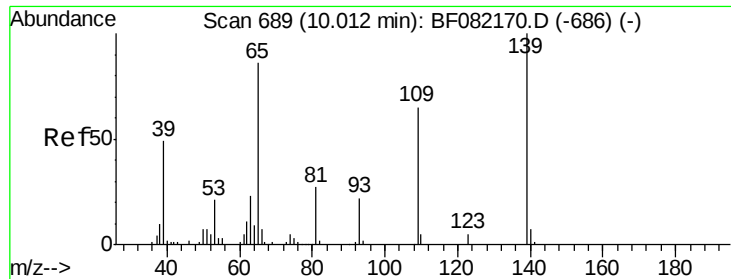
Tot Ion:184 Resp: 75136
Ion Ratio Lower Upper
184 100
63 65.2 45.1 67.7
154 66.2 51.2 76.8



#54
Dibenzofuran
Concen: 43.90 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:168 Resp: 689676
Ion Ratio Lower Upper
168 100
139 40.1 31.0 46.6
169 14.0 10.9 16.3

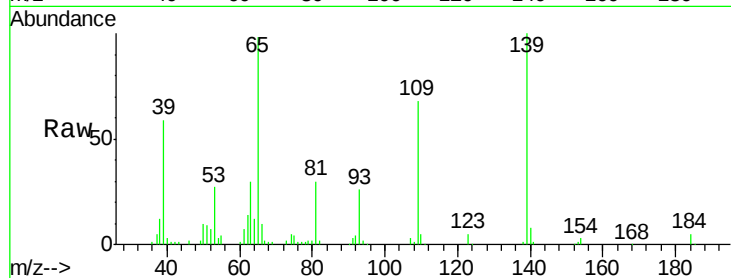




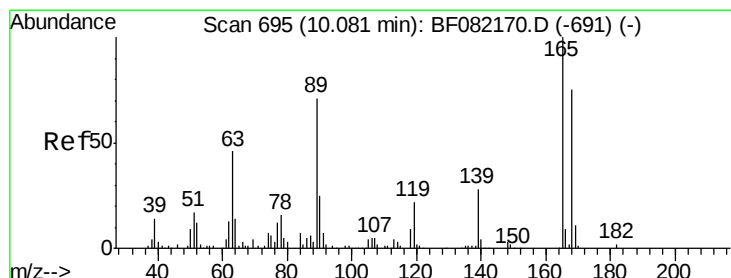
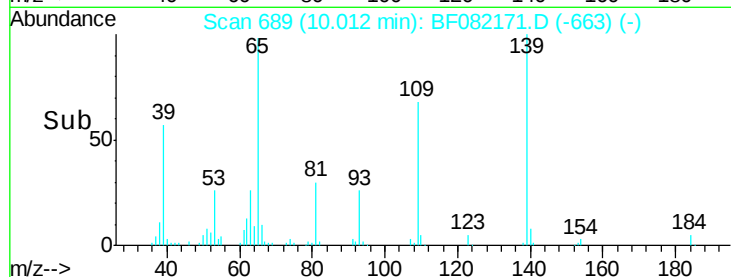
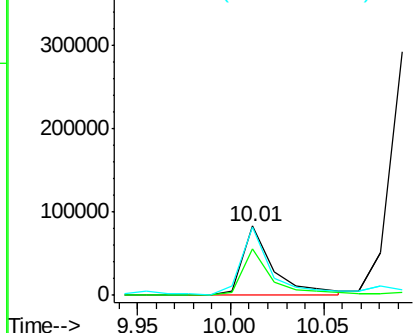
#55
4-Nitrophenol
Concen: 41.11 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.1	44.8	84.8
65	98.5	67.7	107.7



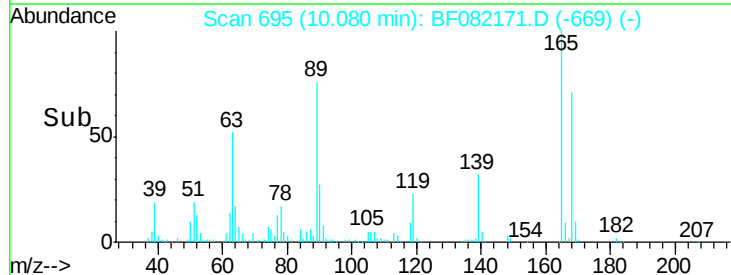
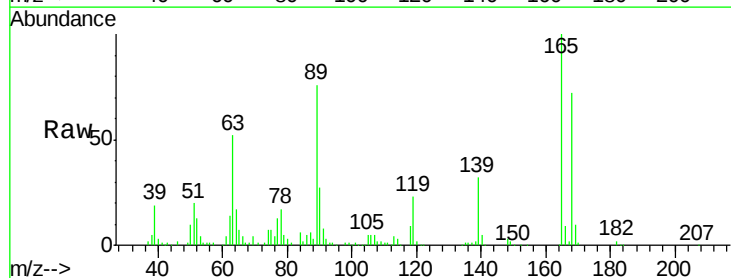
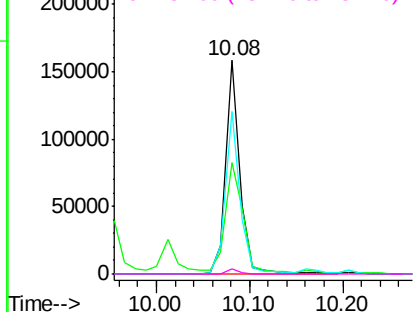
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

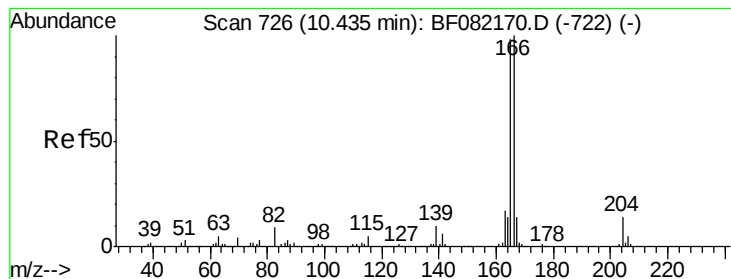


#56
2,4-Dinitrotoluene
Concen: 45.96 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.3	38.6	58.0
89	76.3	57.0	85.6
182	2.1	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.38 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

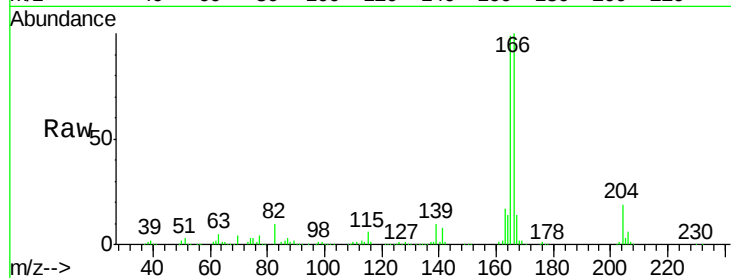
Tot Ion:166 Resp: 566335

Ion Ratio Lower Upper

166 100

165 99.3 78.3 117.5

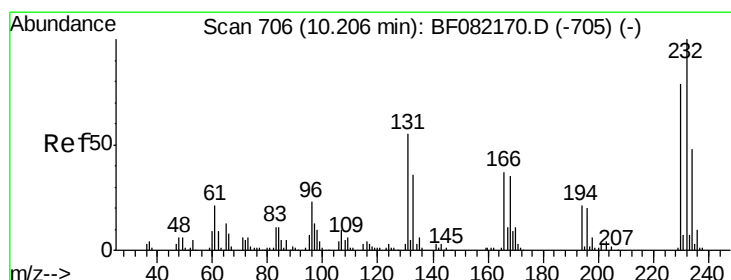
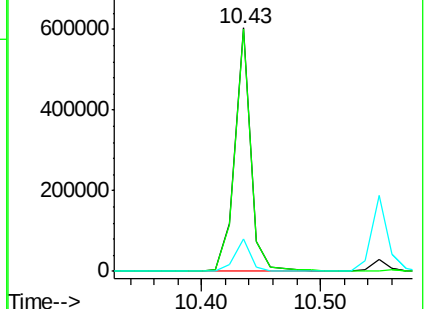
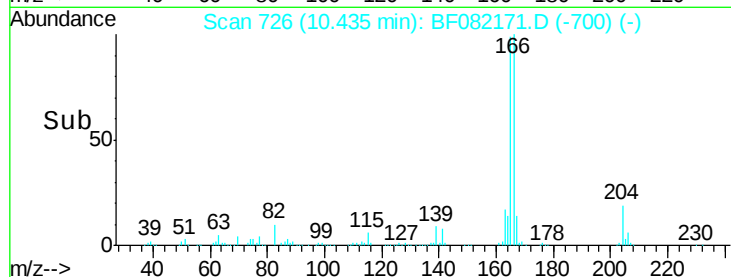
167 13.6 10.8 16.2



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: 47.27 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:232 Resp: 155318

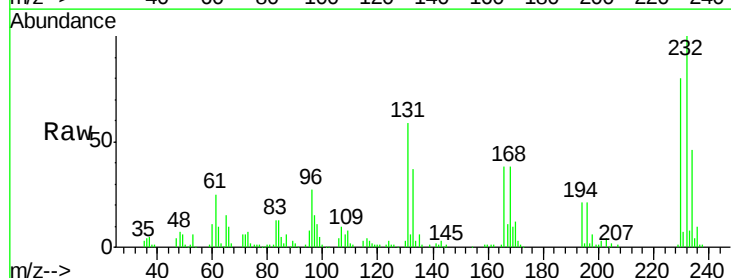
Ion Ratio Lower Upper

232 100

131 42.8 36.6 54.8

130 1.8 1.5 2.3

166 29.3 24.6 37.0

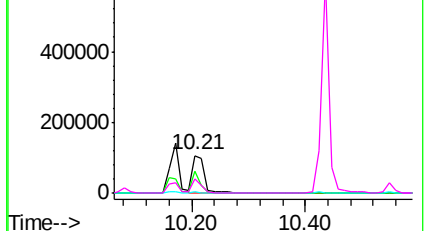
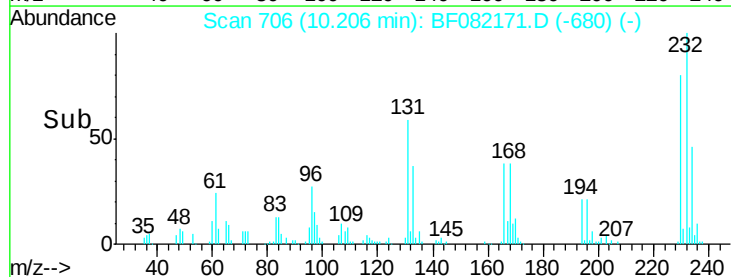


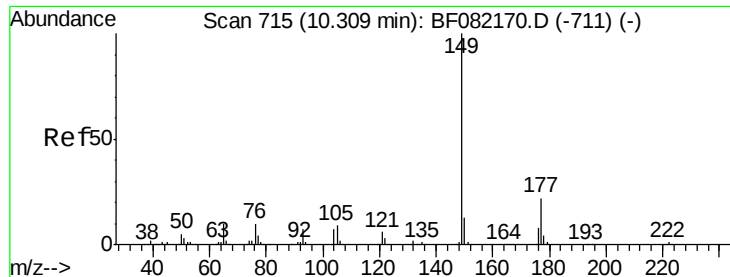
Abundance Ion 232.00 (231.70 to 232.70): E

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

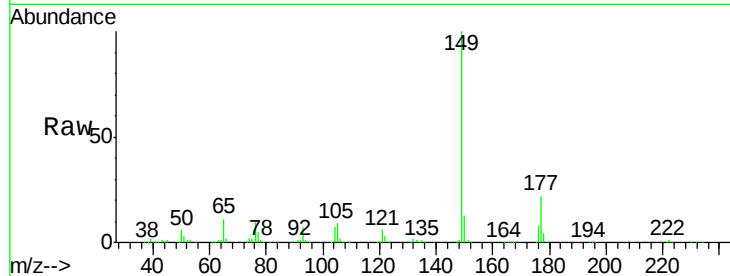




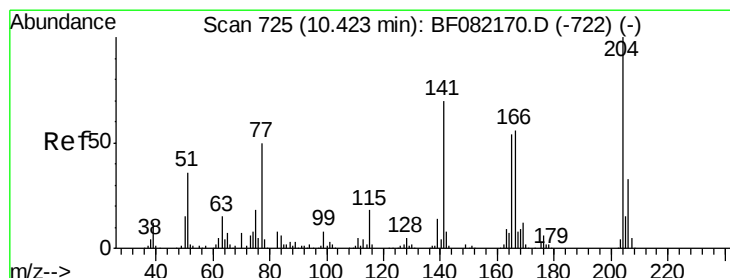
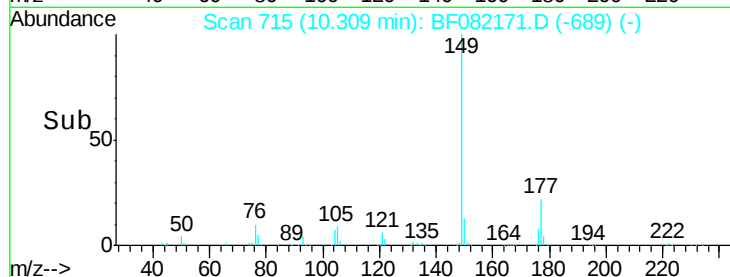
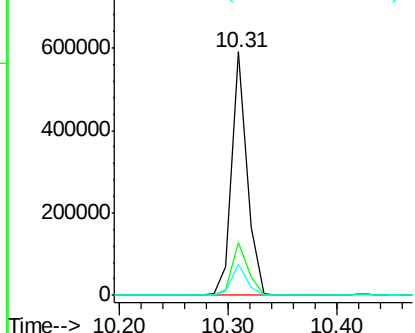
#59
Diethylphthalate
Concen: 46.24 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	13.1	10.3	15.5

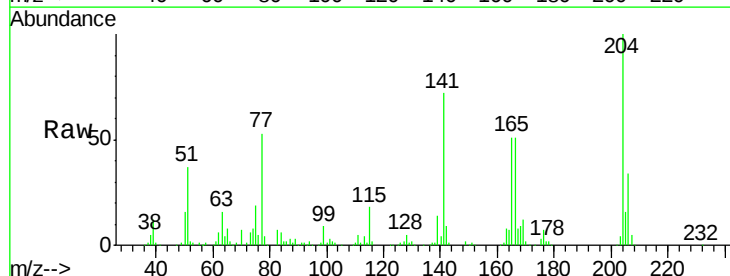


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

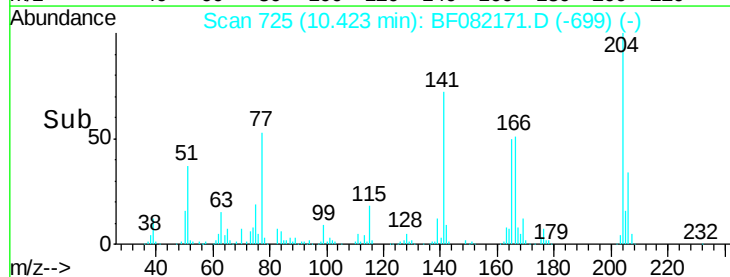
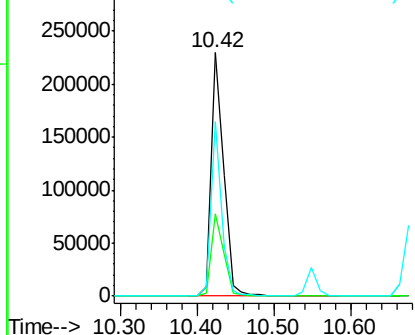


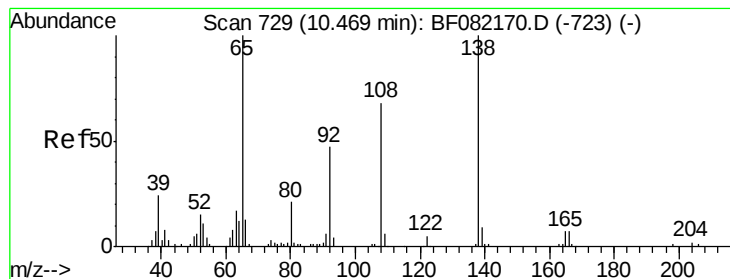
#60
4-Chlorophenyl-phenylether
Concen: 44.49 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.8	40.2
141	71.5	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: 46.35 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

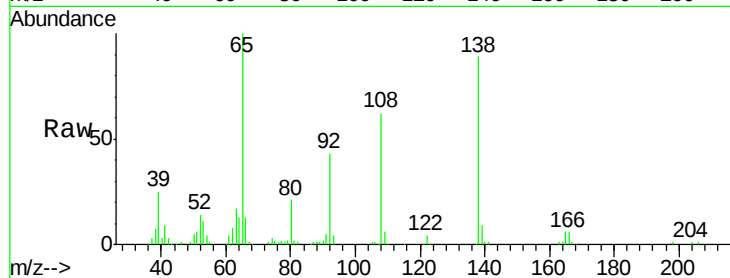
Tot Ion:138 Resp: 155541

Ion Ratio Lower Upper

138 100

92 48.8 26.8 66.8

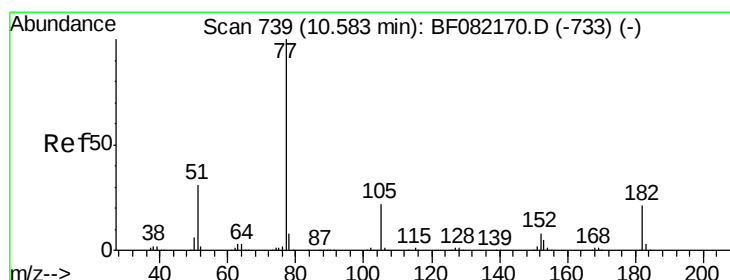
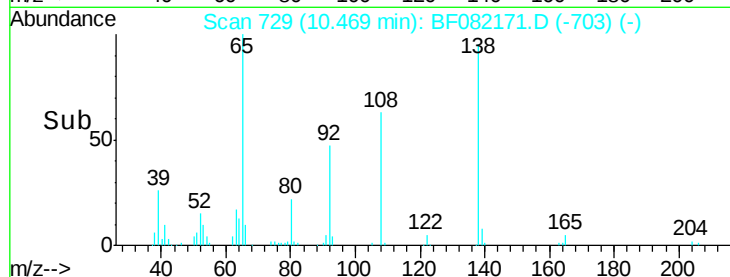
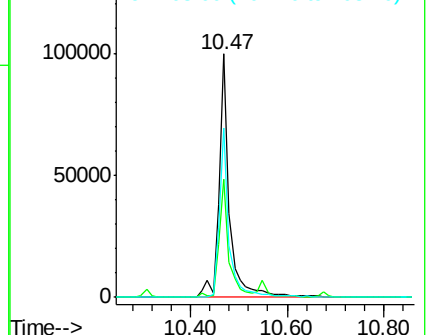
108 69.6 48.4 88.4



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: 46.15 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion: 77 Resp: 557769

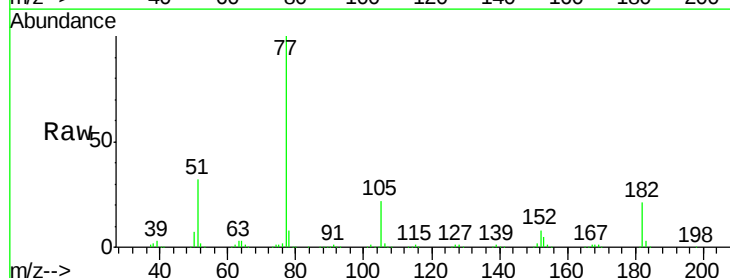
Ion Ratio Lower Upper

77 100

182 20.5 0.5 40.5

105 21.7 1.8 41.8

51 31.7 11.2 51.2

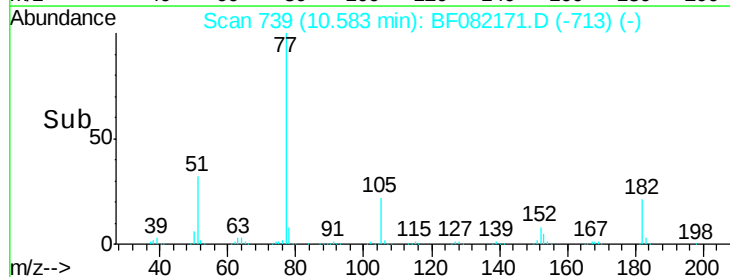
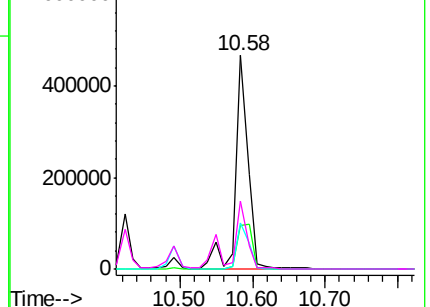


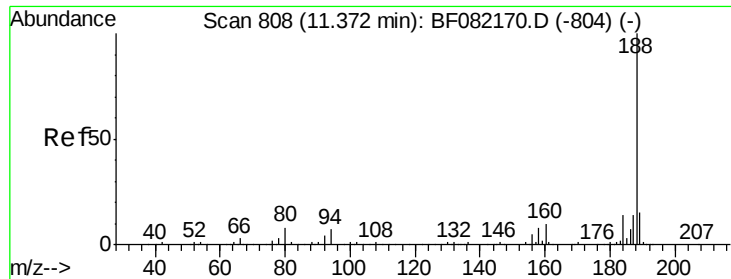
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

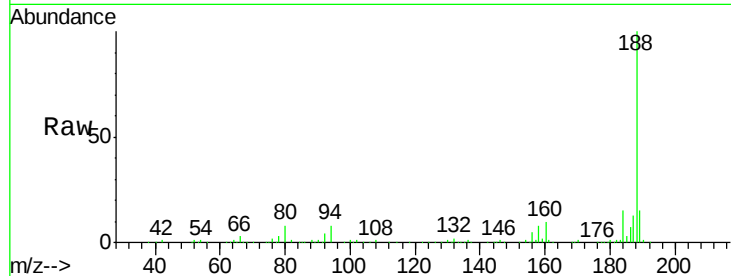
Tot Ion:188 Resp: 367735

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

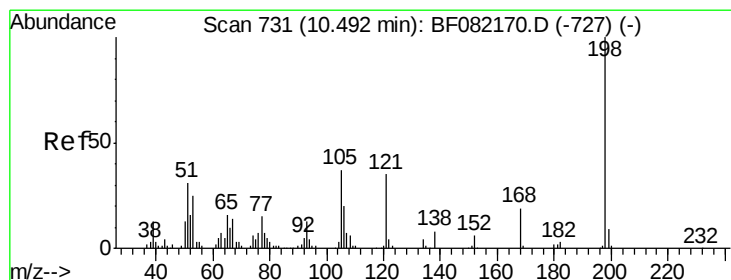
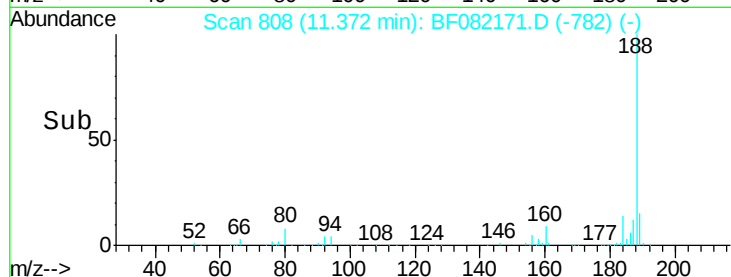
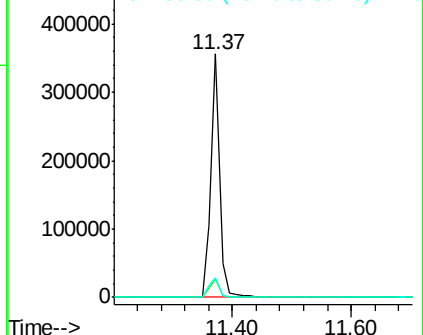
80 7.9 6.4 9.6



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: 62.90 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

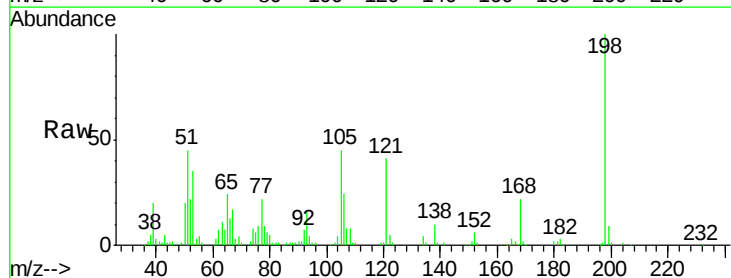
Tgt Ion:198 Resp: 106650

Ion Ratio Lower Upper

198 100

51 44.9 13.6 53.6

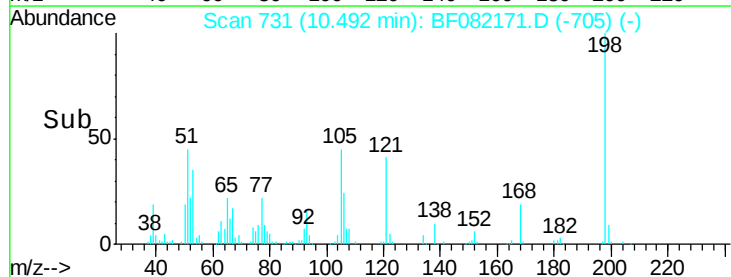
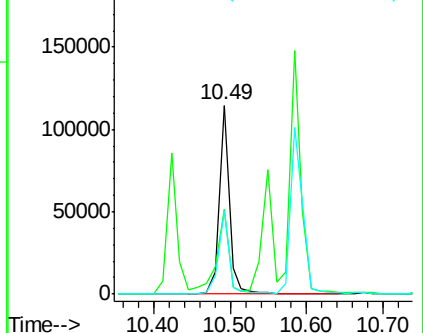
105 44.6 17.1 57.1

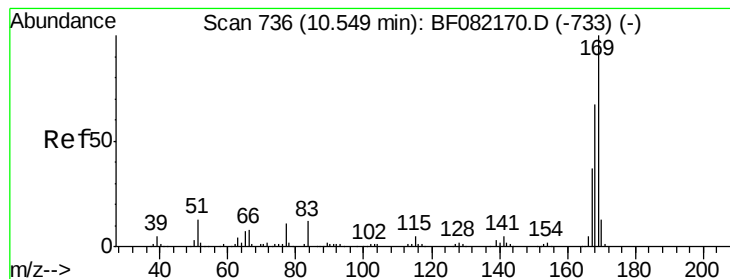


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.48 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

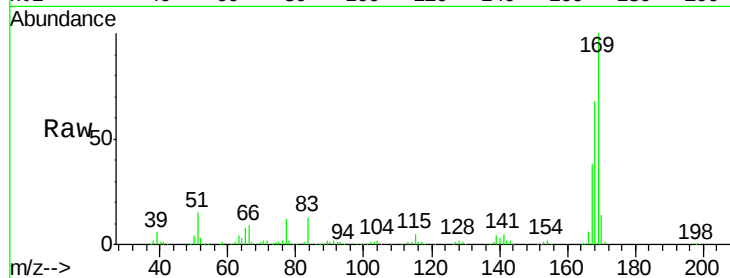
Tot Ion:169 Resp: 494417

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

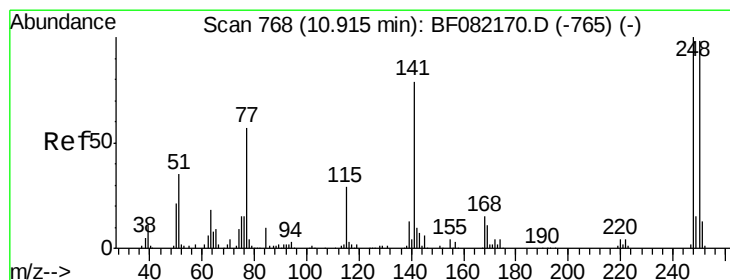
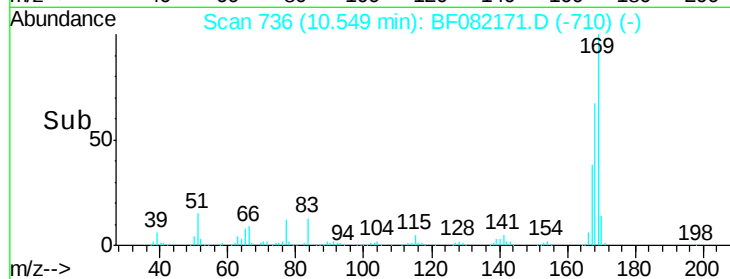
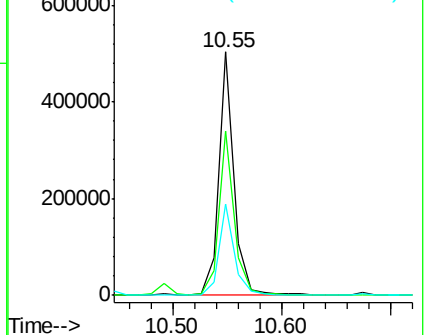
167 37.5 29.6 44.4



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: 45.09 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

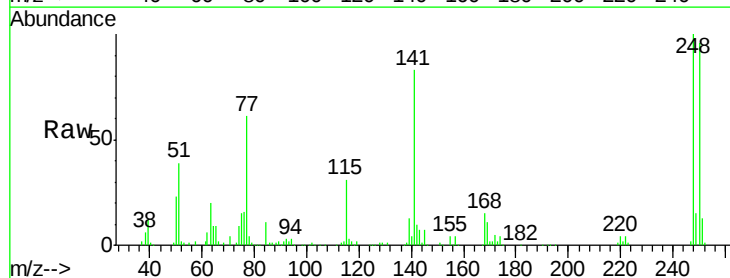
Tgt Ion:248 Resp: 167302

Ion Ratio Lower Upper

248 100

250 96.1 78.6 117.8

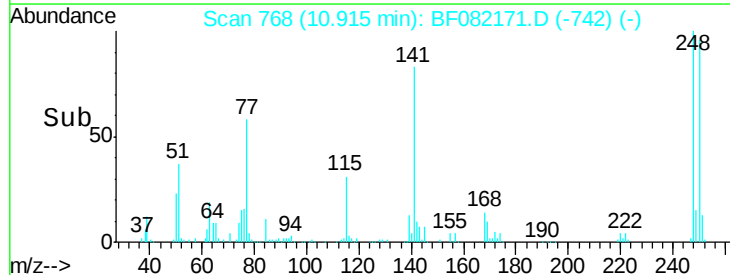
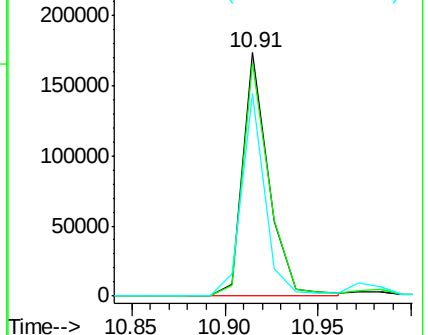
141 83.4 63.3 94.9

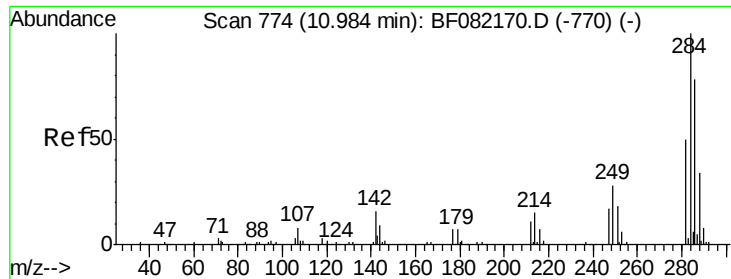


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

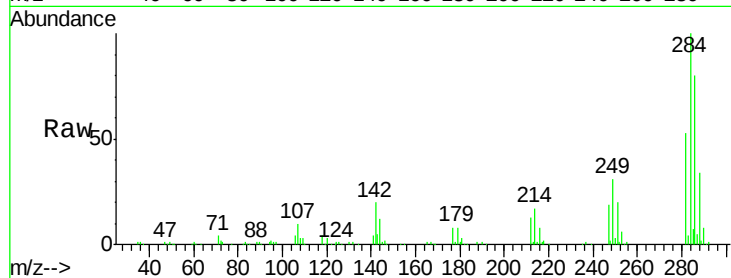




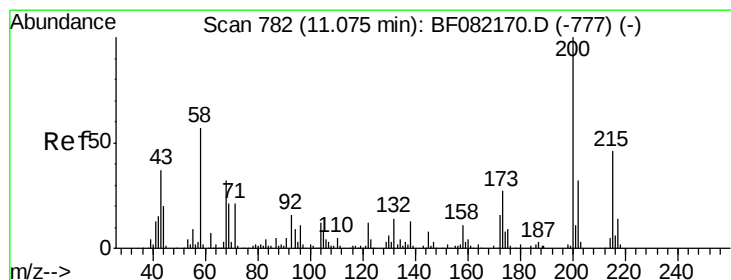
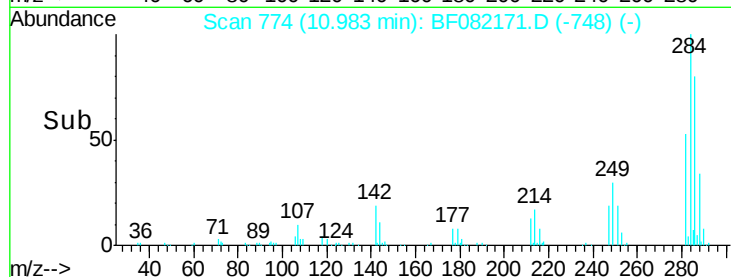
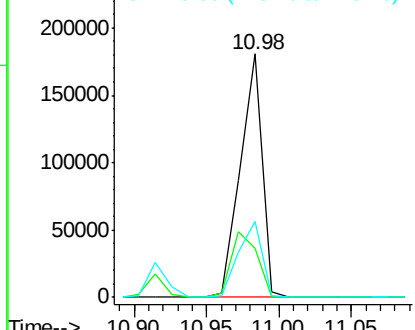
#67
Hexachlorobenzene
Concen: 45.78 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 189681
Ion Ratio Lower Upper
284 100
142 19.9 13.0 19.6#
249 31.0 22.5 33.7

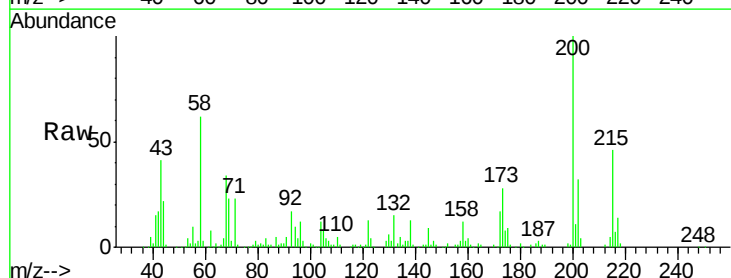


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

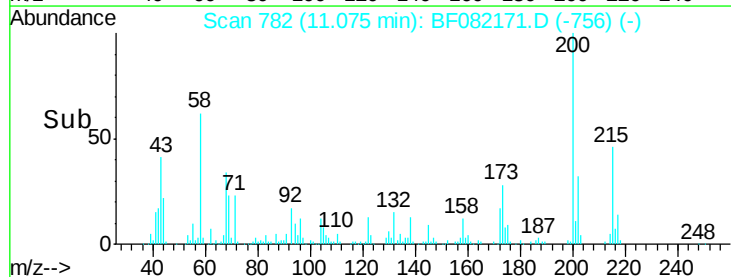
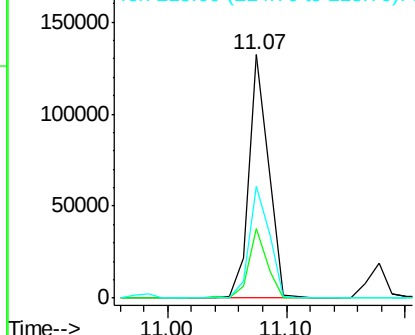


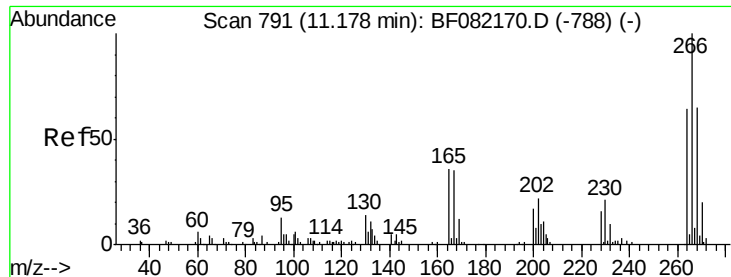
#68
Atrazine
Concen: 44.44 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:200 Resp: 152271
Ion Ratio Lower Upper
200 100
173 28.5 7.3 47.3
215 46.1 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

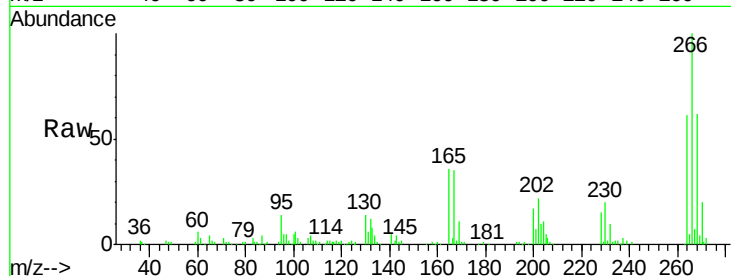




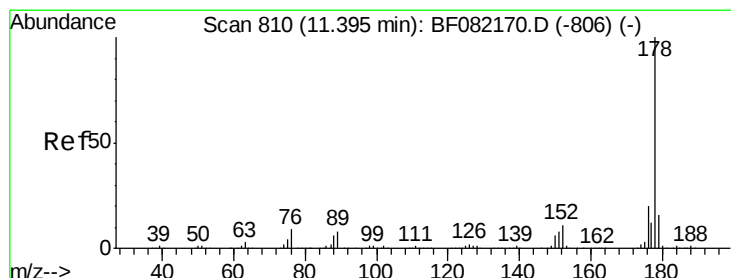
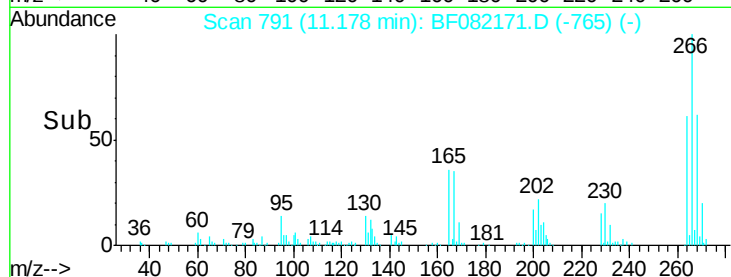
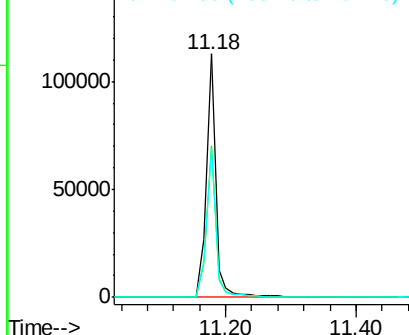
#69
 Pentachlorophenol
 Concen: 48.73 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 114670
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.0 78.0
 264 61.2 51.4 77.0

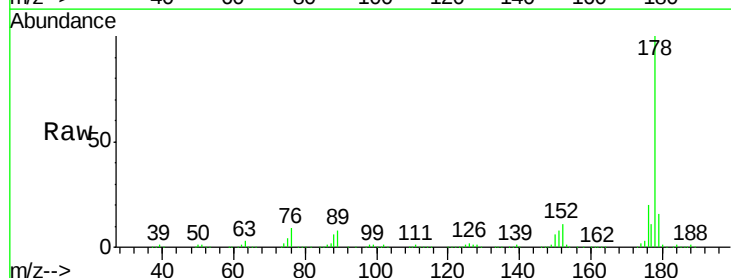


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

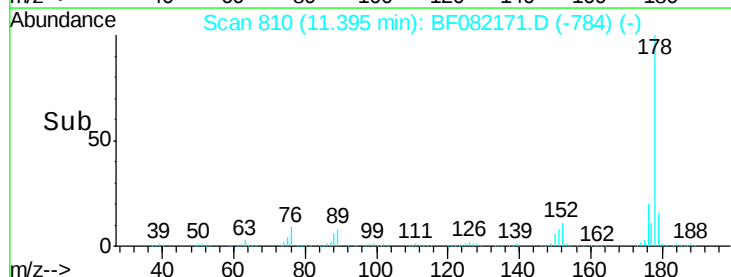
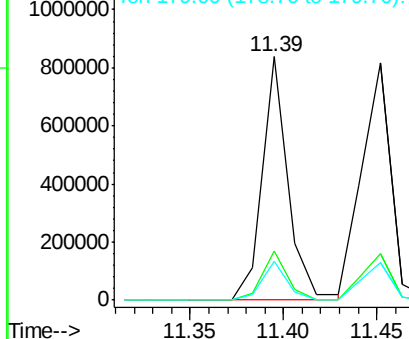


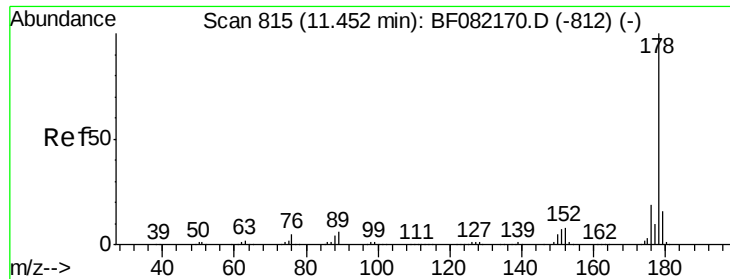
#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:178 Resp: 812363
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.2 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

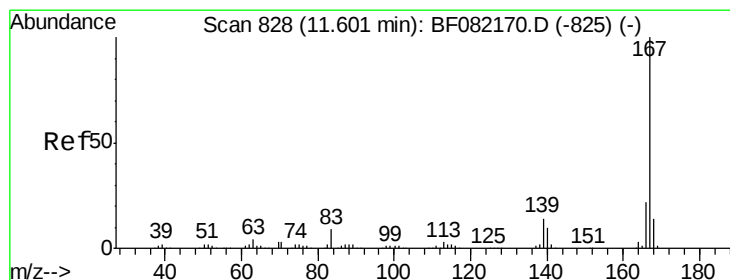
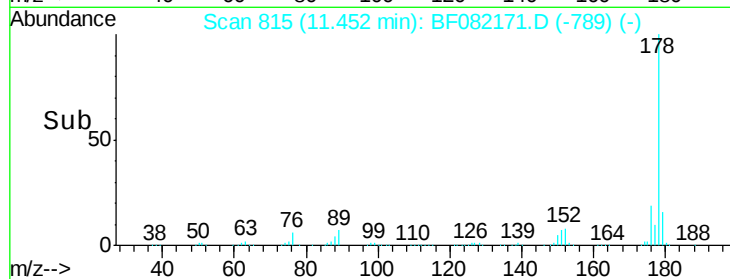
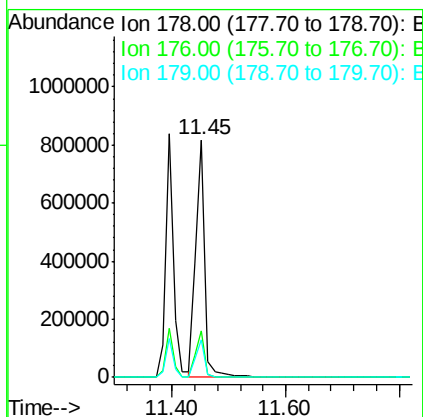
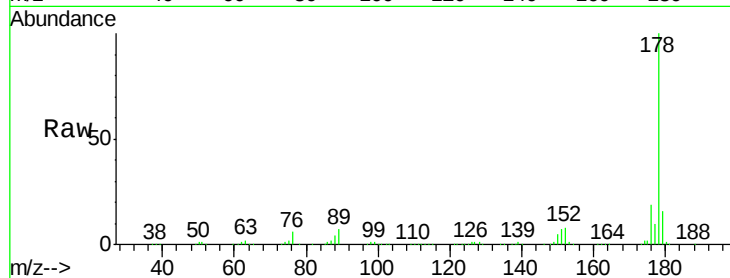




#71
 Anthracene
 Concen: 48.71 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

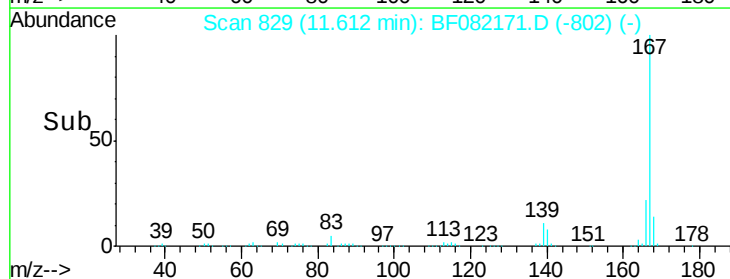
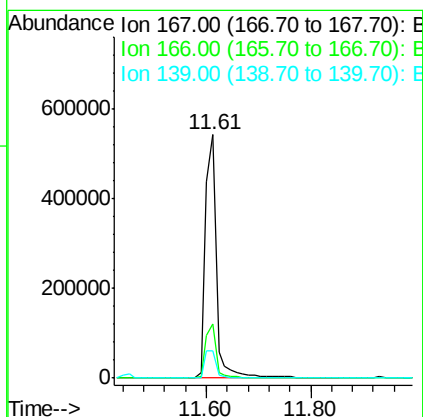
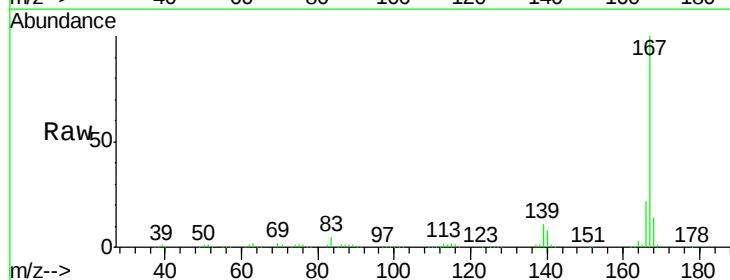
Instrument :
 BNA_F
 ClientSampled :

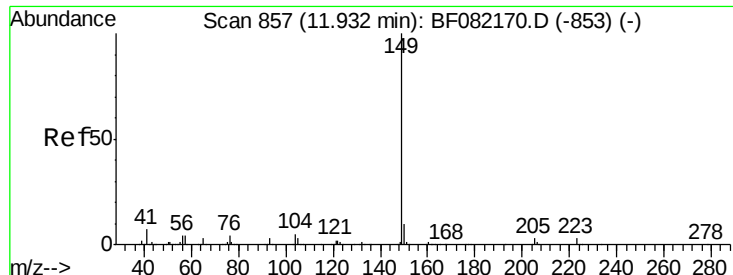
Tot Ion:178 Resp: 918255
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 47.19 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:167 Resp: 795749
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 11.2 11.2 16.8#





#73

Di-n-butylphthalate

Concen: 49.94 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampled :

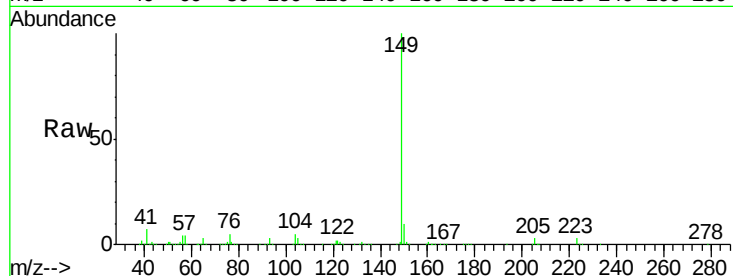
Tot Ion:149 Resp: 962514

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

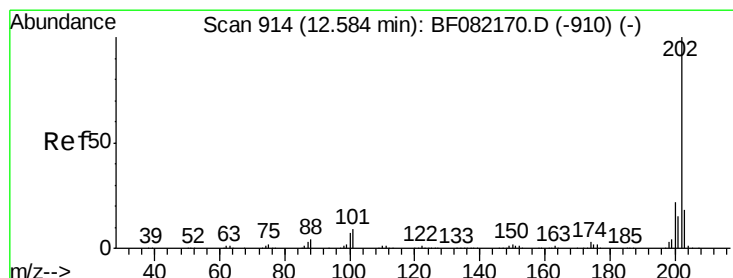
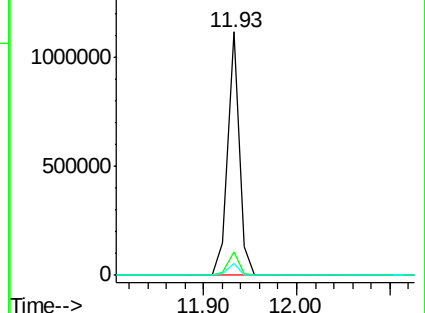
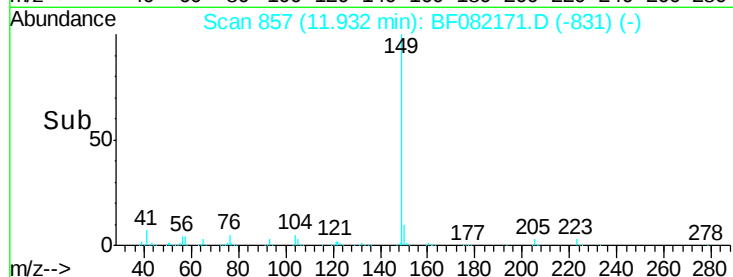
104 4.7 3.8 5.8



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: 44.82 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

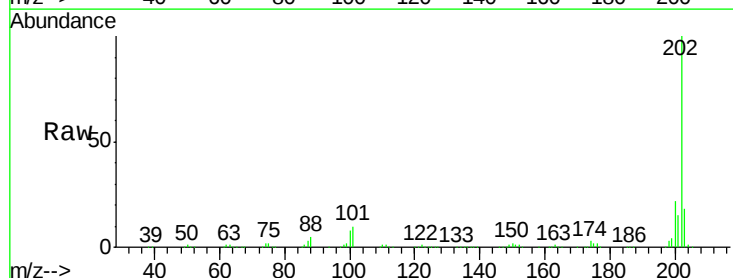
Tgt Ion:202 Resp: 893331

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

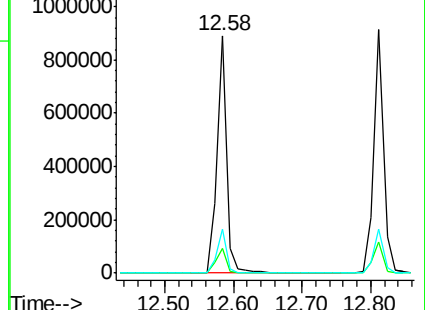
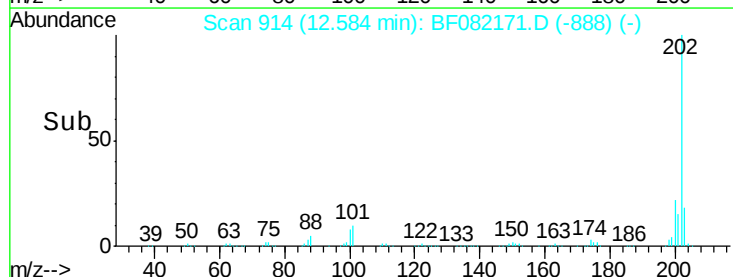
203 18.3 0.0 37.8

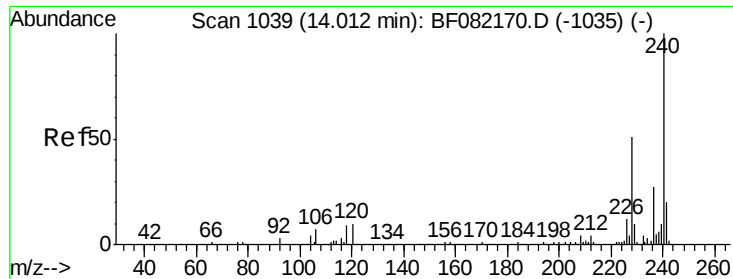


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

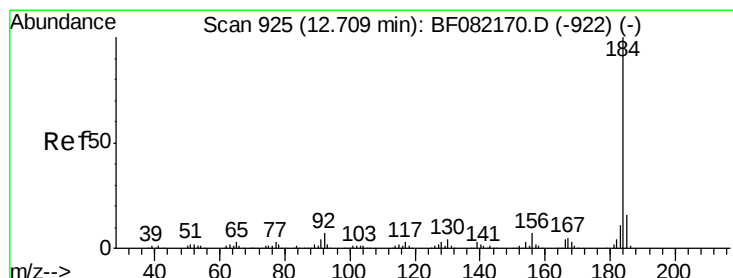
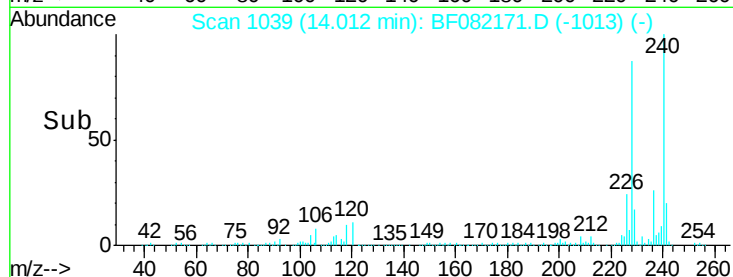
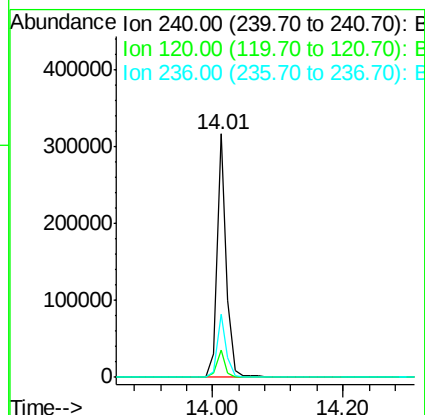
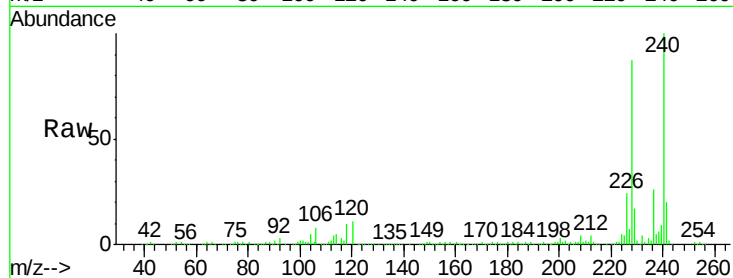




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

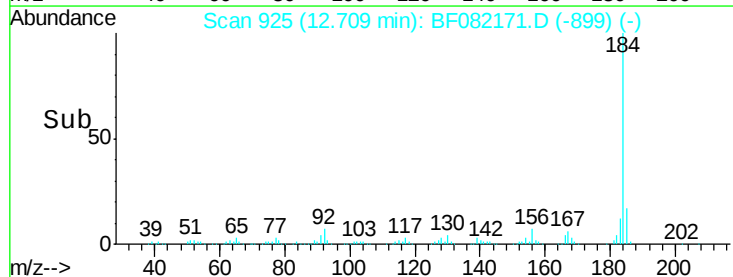
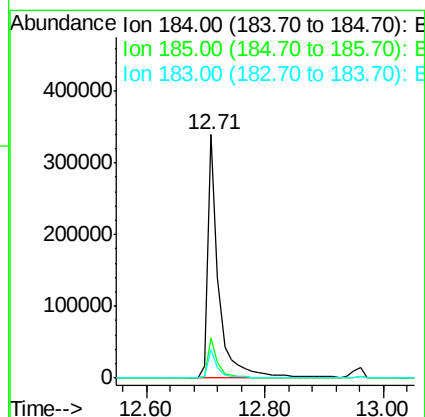
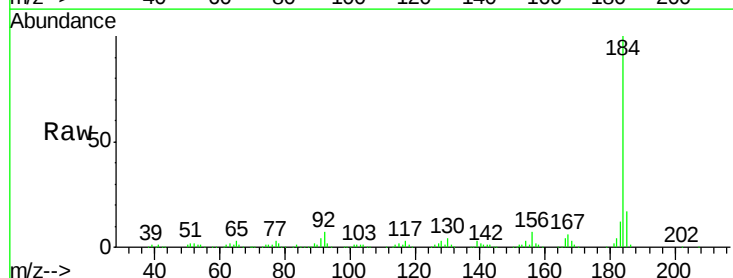
Instrument :
BNA_F
ClientSampleId :

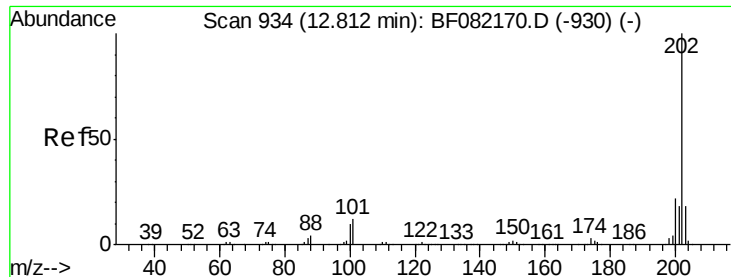
Tot Ion:240 Resp: 321006
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.0 21.3 31.9



#76
Benzidine
Concen: 46.76 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:184 Resp: 444361
Ion Ratio Lower Upper
184 100
185 16.5 12.5 18.7
183 11.6 9.1 13.7

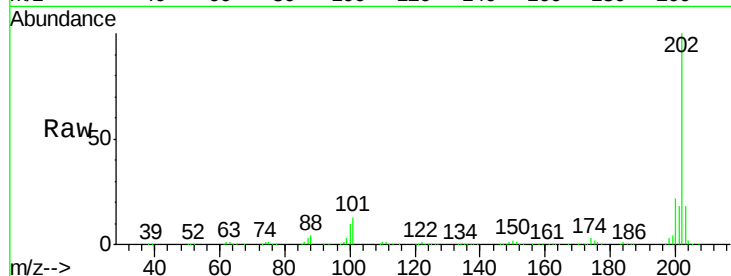




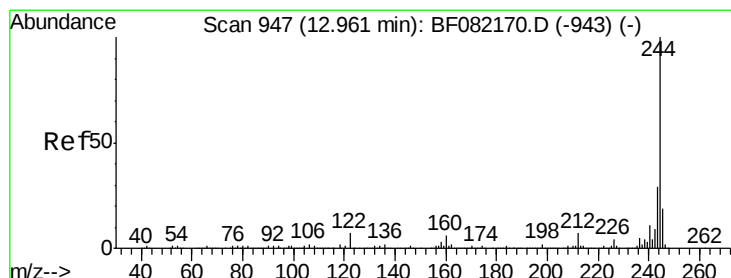
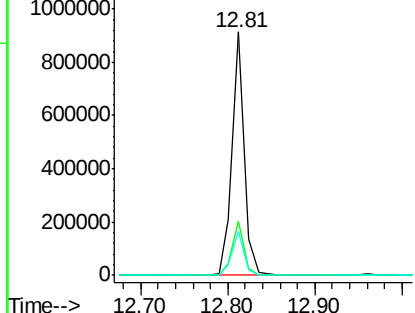
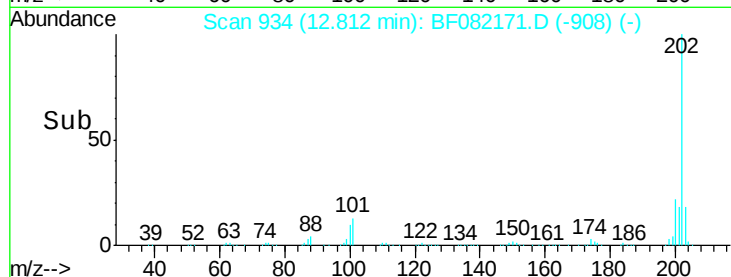
#77
 Pvrene
 Concen: 46.67 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.9	26.9
203	18.1	14.5	21.7

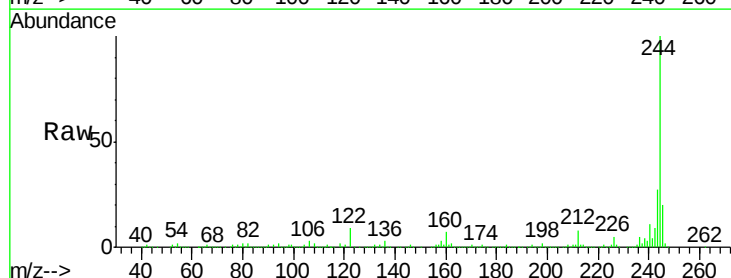


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

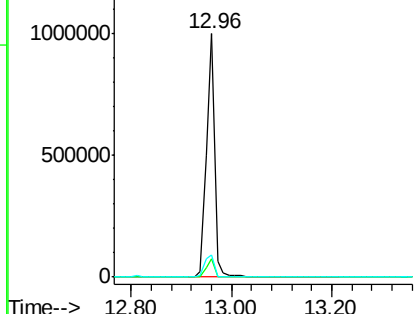
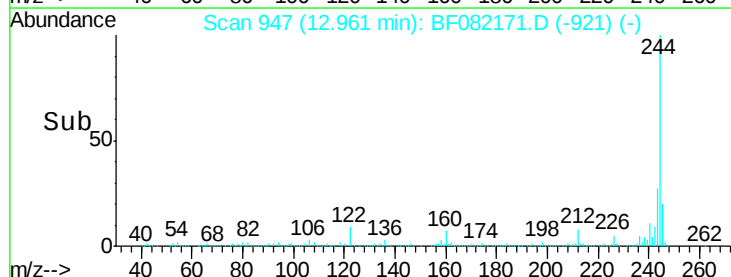


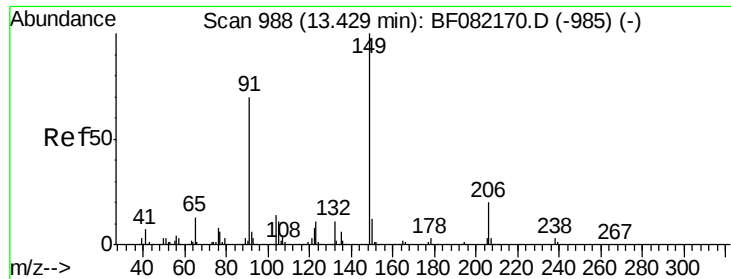
#78
 Terphenyl-d14
 Concen: 99.12 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.1	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

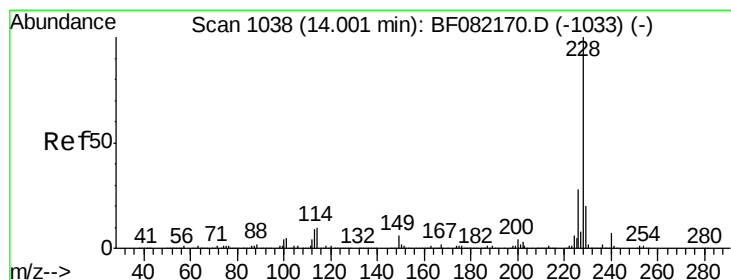
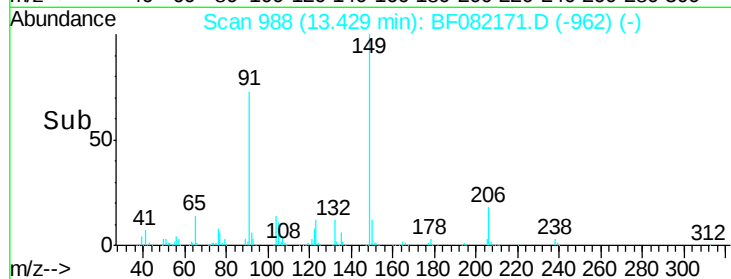
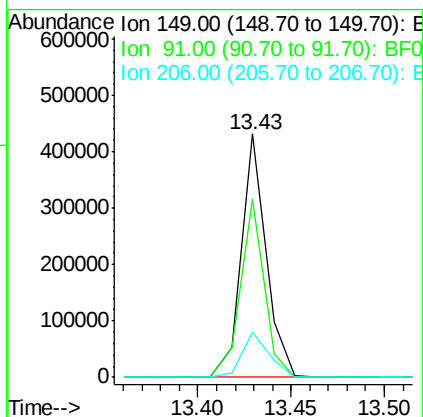
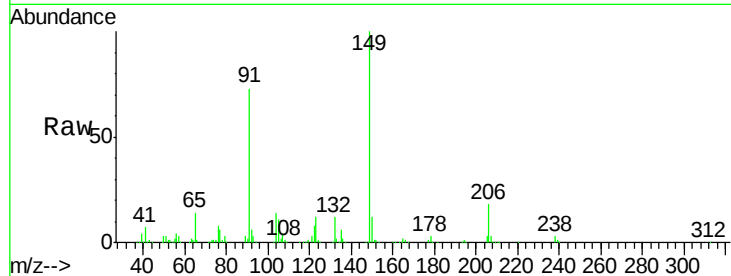




#79
 Butylbenzylphthalate
 Concen: 55.49 ng
 RT: 13.43 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

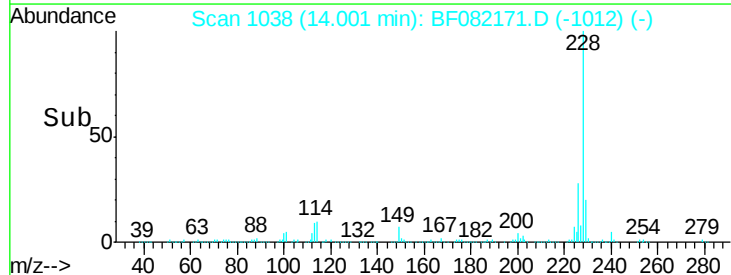
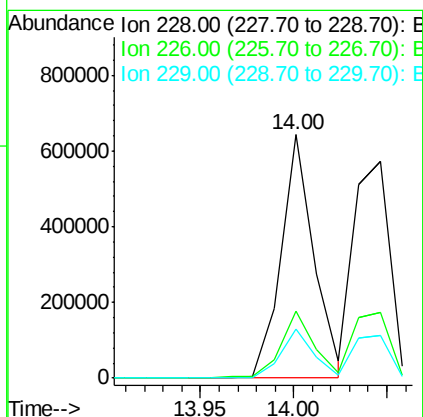
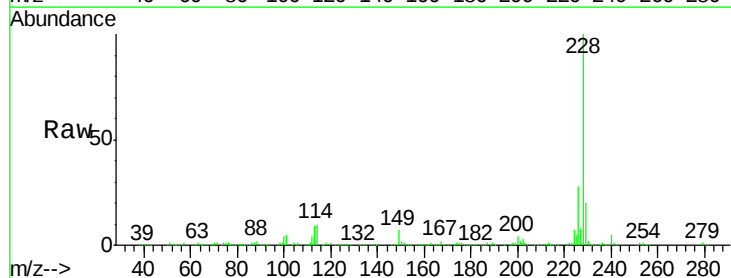
Instrument :
 BNA_F
 ClientSampleId :

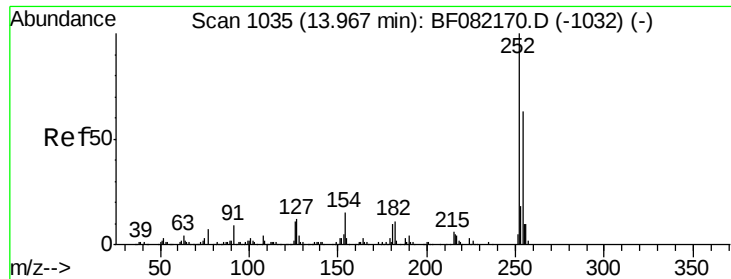
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	55.7	83.5
206	18.4	15.6	23.4



#80
 Benzo(a)anthracene
 Concen: 46.17 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 50.36 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

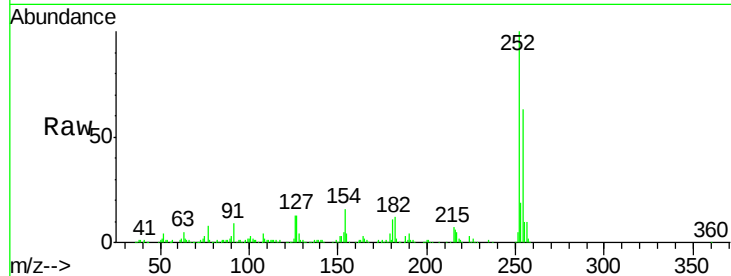
Tot Ion:252 Resp: 293414

Ion Ratio Lower Upper

252 100

254 62.6 50.7 76.1

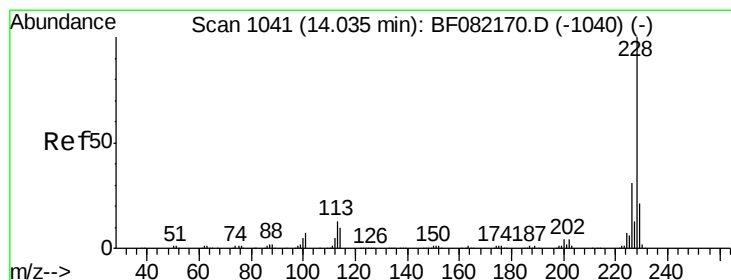
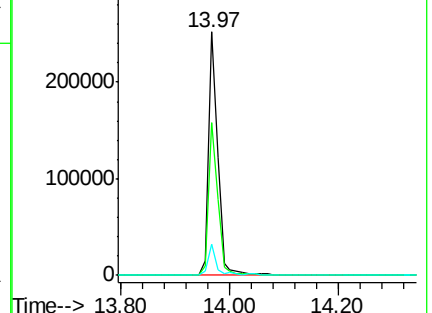
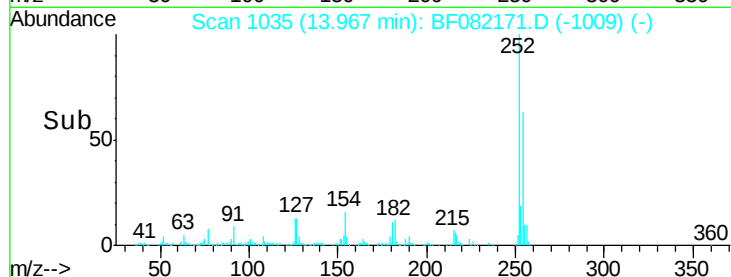
126 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.91 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

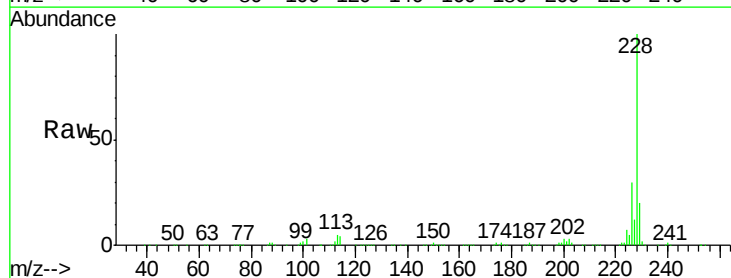
Tgt Ion:228 Resp: 803211

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

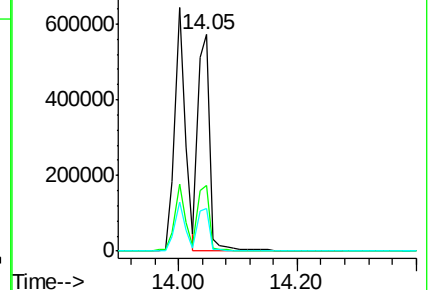
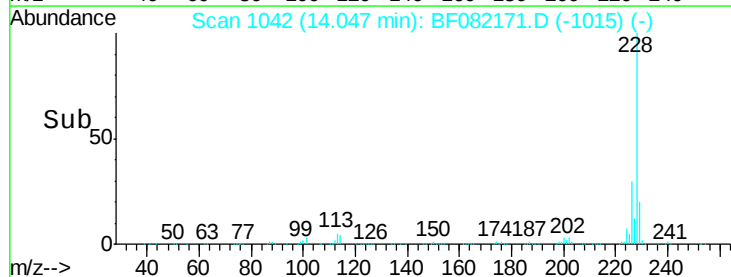
229 19.6 16.3 24.5

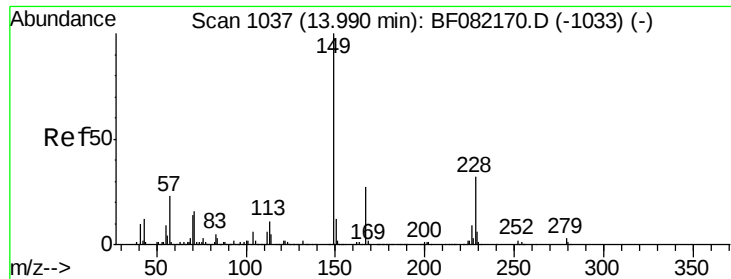


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

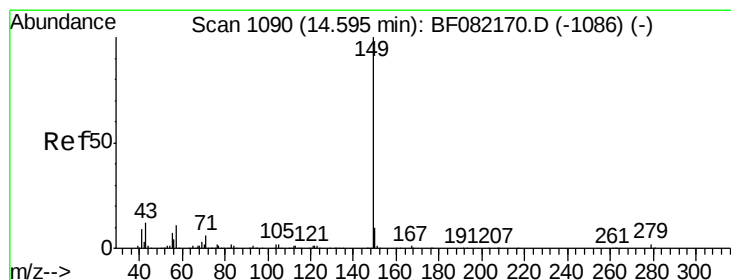
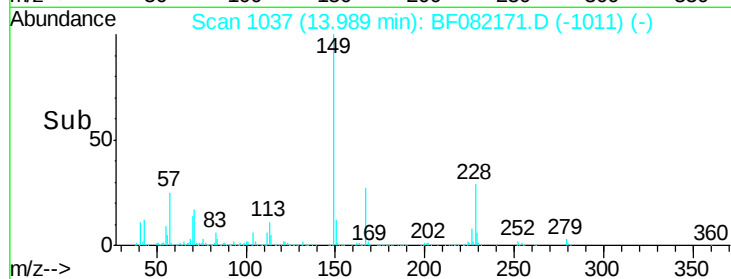
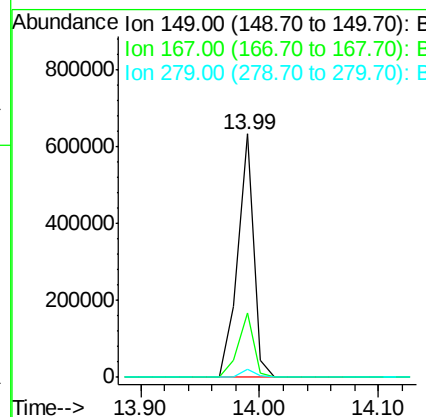
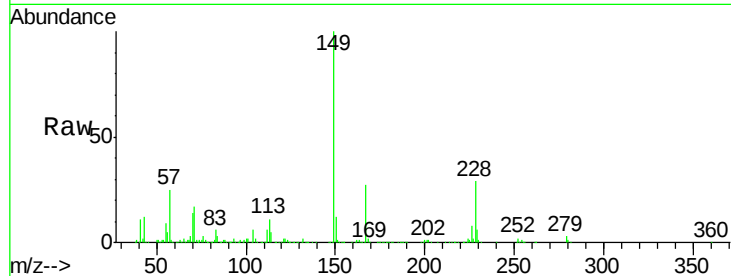




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.96 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

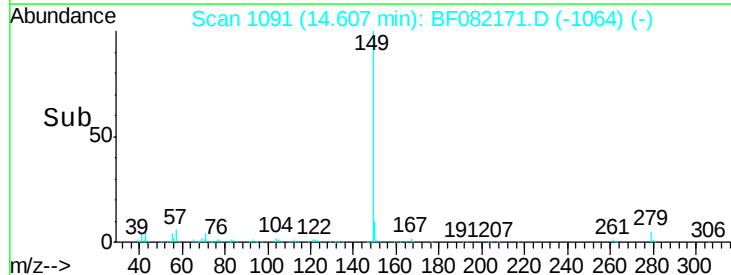
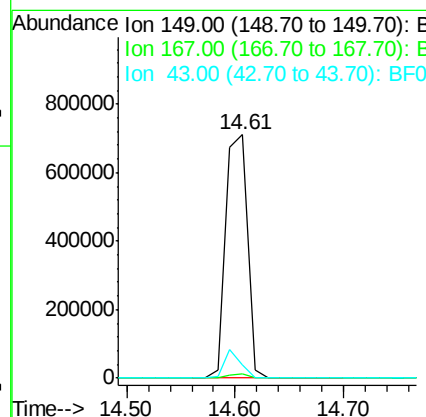
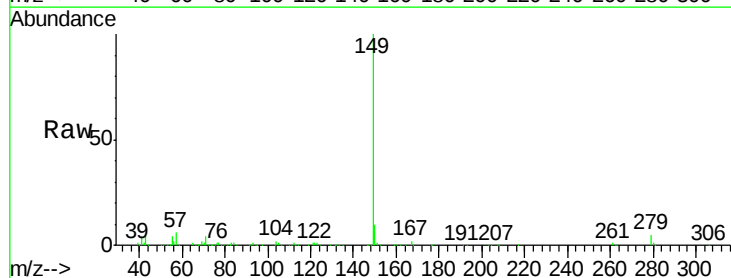
Instrument :
 BNA_F
 ClientSampleId :

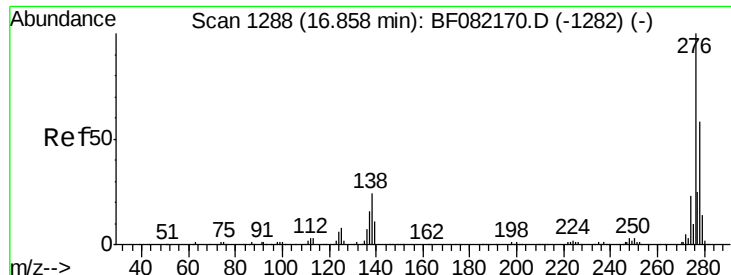
Tot Ion:149 Resp: 597206
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.4 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 63.73 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:149 Resp: 987623
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.3 7.4 11.2

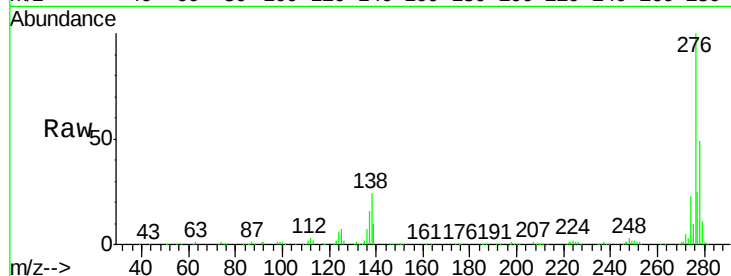




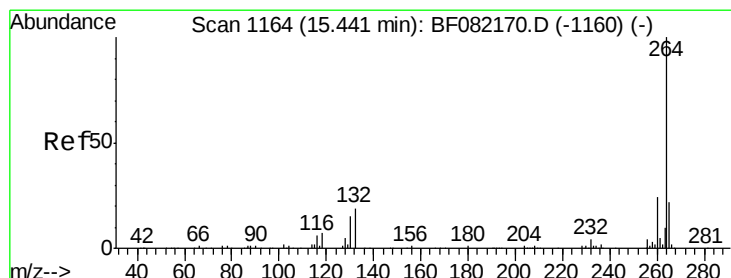
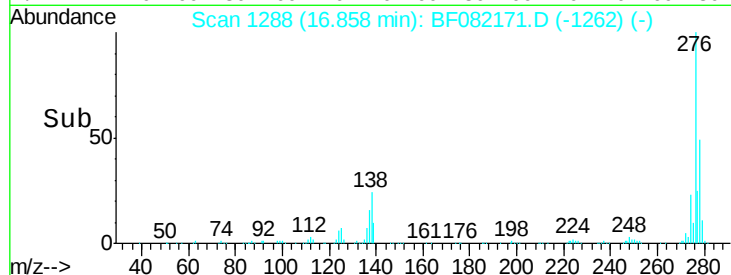
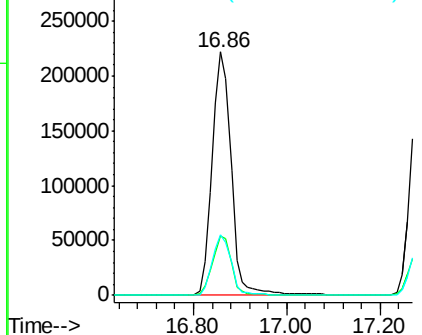
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.65 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	24.6	20.1	30.1

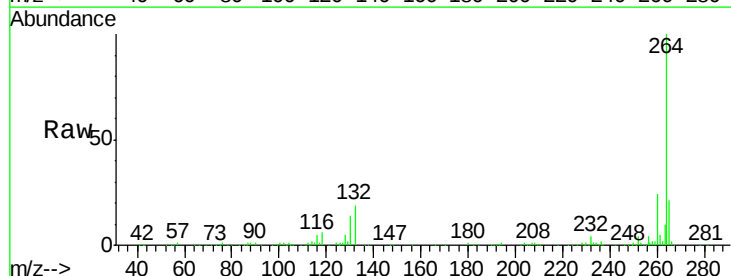


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

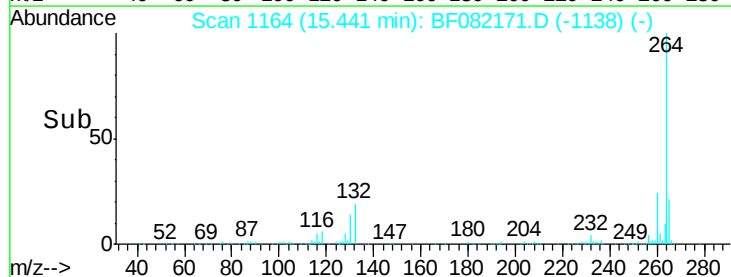
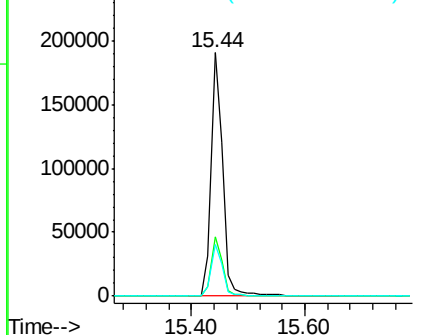


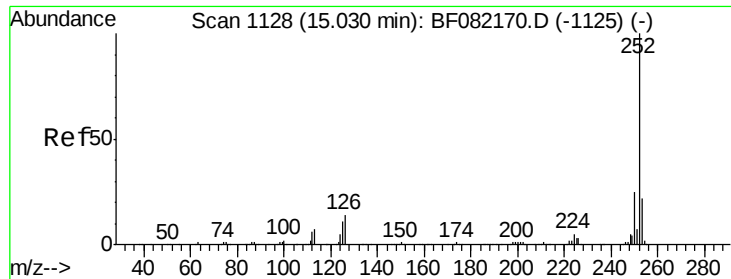
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.4	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: 92.28 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

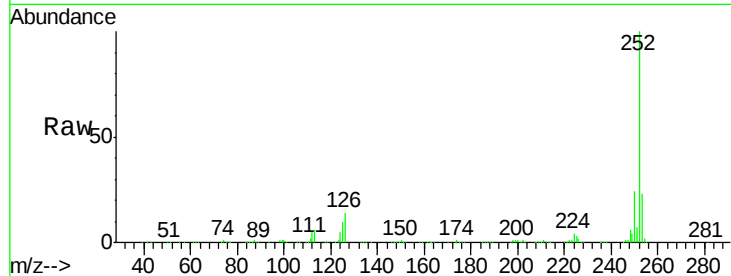
Tot Ion:252 Resp: 1416922

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

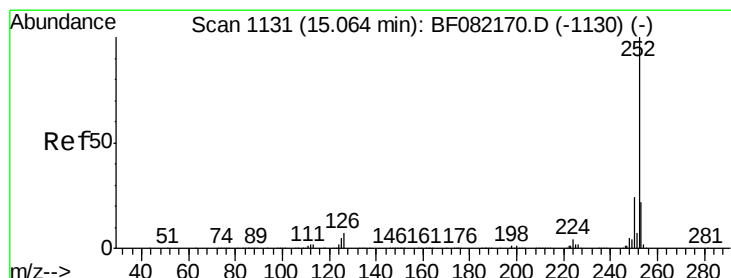
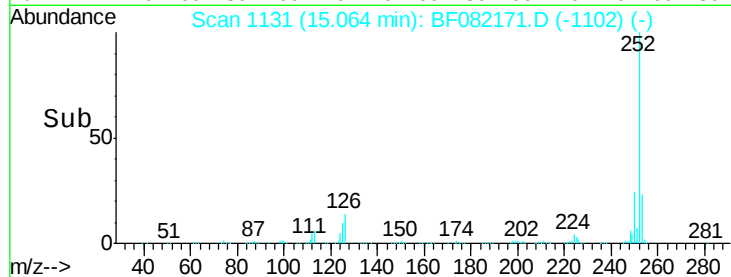
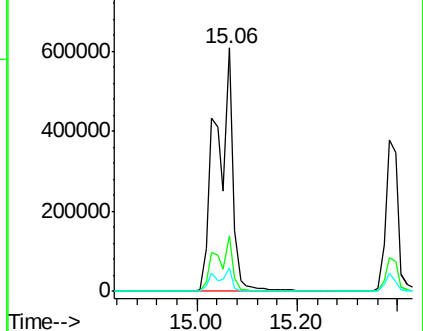
125 9.5 8.6 12.8



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: 104.35 ng

RT: 15.06 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

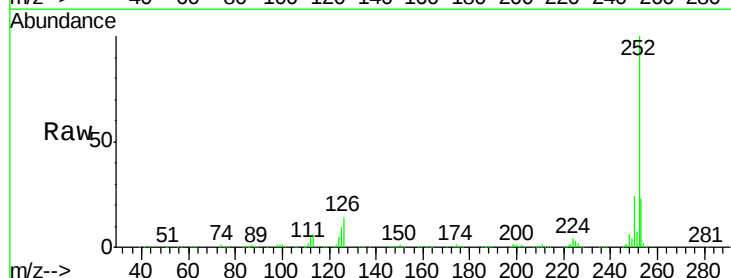
Tgt Ion:252 Resp: 1418363

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

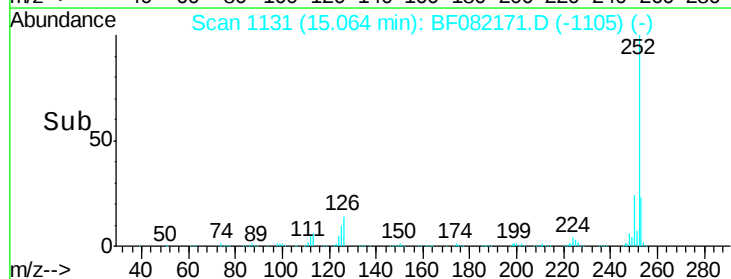
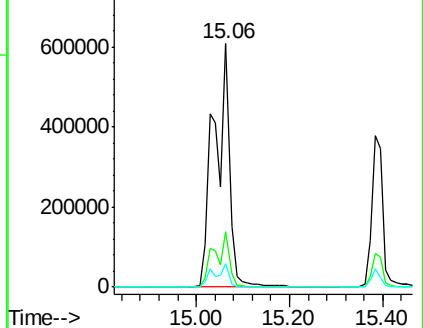
125 9.5 6.7 10.1



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

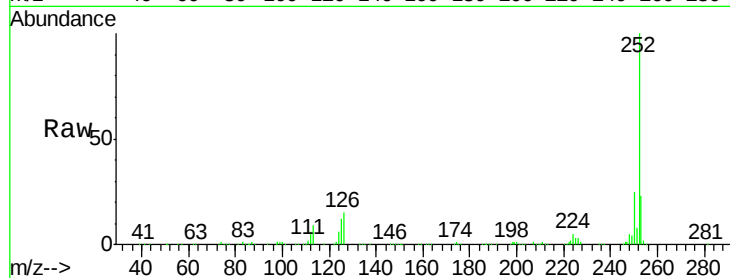




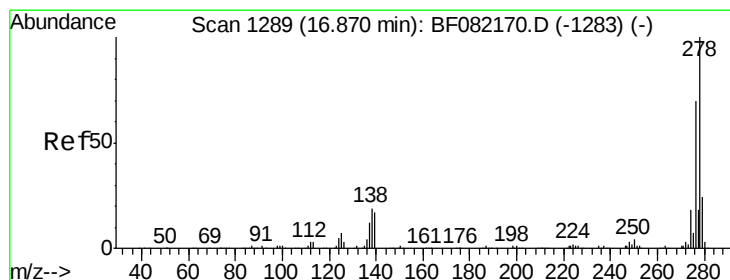
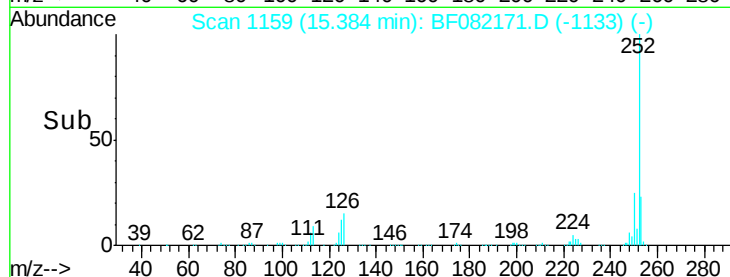
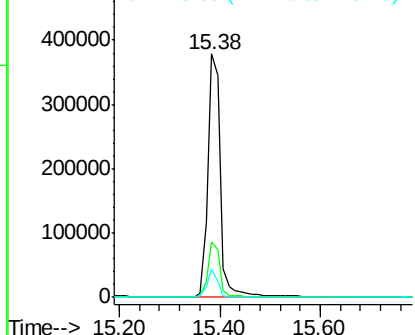
#89
Benzo(a)pyrene
Concen: 49.45 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 646533
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.7 8.9 13.3

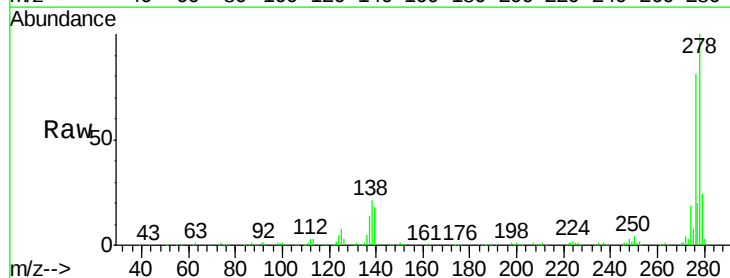


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

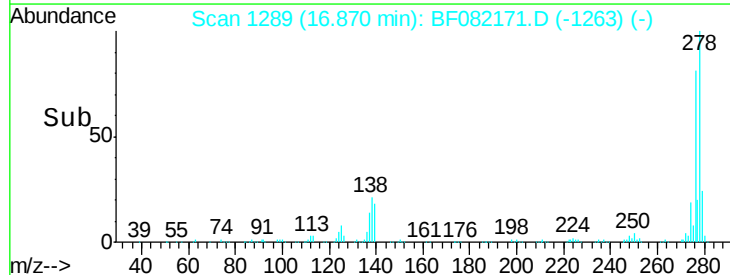
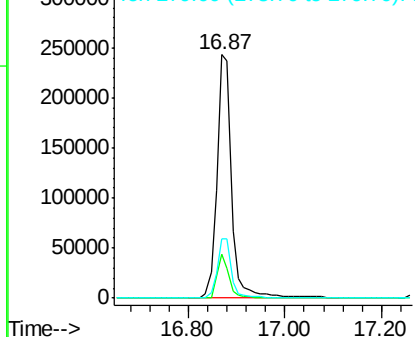


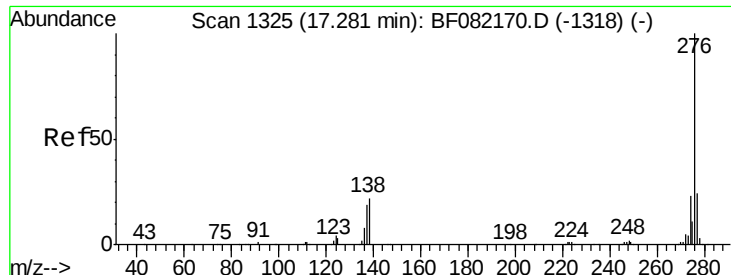
#90
Dibenzo(a,h)anthracene
Concen: 47.81 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion:278 Resp: 522113
Ion Ratio Lower Upper
278 100
139 18.3 13.3 19.9
279 24.3 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

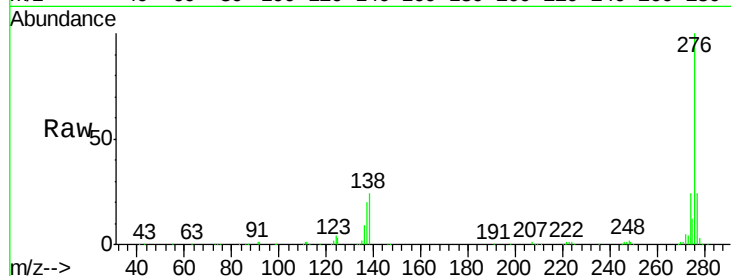




#91
 Benzo(a,h,i)perylene
 Concen: 45.40 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	503306
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	23.5	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

