

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082225.D
 Acq On : 12 Oct 2015 17:40
 Operator : UM/IZ
 Sample : G3990-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Quant Time: Oct 13 02:08:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	69741	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	271579	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	138106	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	275530	20.00	ng	0.00
75) Chrysene-d12	14.01	240	259402	20.00	ng	0.00
86) Perylene-d12	15.44	264	202521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	254162	73.55	ng	0.01
7) Phenol-d6	6.47	99	220290	48.99	ng	0.00
23) Nitrobenzene-d5	7.41	82	458296	113.33	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	215645	166.50	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	865526	103.93	ng	0.00
78) Terphenyl-d14	12.95	244	972584	99.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	32537	18.74	ng	96
3) Pyridine	3.15	79	60978	15.10	ng	98
4) n-Nitrosodimethylamine	3.09	42	33413	19.51	ng	98
6) Aniline	6.49	93	119056	20.53	ng	93
8) 2-Chlorophenol	6.62	128	187586	44.47	ng	92
9) Benzaldehyde	6.38	77	129364	56.33	ng	97
10) Phenol	6.48	94	90880	17.53	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	227256	51.83	ng	95
12) 1,3-Dichlorobenzene	7.01	146	223736	45.54	ng	96
13) 1,4-Dichlorobenzene	6.85	146	222158	43.30	ng	97
14) 1,2-Dichlorobenzene	6.85	146	224079	46.00	ng	97
15) Benzyl Alcohol	6.98	79	110958	35.74	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	320968	52.57	ng	98
17) 2-Methylphenol	7.10	107	121339	36.37	ng	100
18) Hexachloroethane	7.35	117	74894	42.65	ng	# 74
19) n-Nitroso-di-n-propylamine	7.26	70	162934	51.59	ng	95
20) 3+4-Methylphenols	7.25	107	126828	31.91	ng	# 32
22) Acetophenone	7.25	105	288699	53.74	ng	95
24) Nitrobenzene	7.43	77	228020	52.09	ng	# 81
25) Isophorone	7.66	82	421583	51.65	ng	99
26) 2-Nitrophenol	7.74	139	115021	52.62	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	179994	51.11	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	262469	55.27	ng	98
29) 2,4-Dichlorophenol	7.98	162	182956	51.97	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	196604	48.45	ng	97
31) Naphthalene	8.15	128	616609	52.38	ng	99
32) Benzoic acid	7.86	122	36596	15.48	ng	95
33) 4-Chloroaniline	8.19	127	80401	16.44	ng	97
34) Hexachlorobutadiene	8.25	225	111931	44.27	ng	97
35) Caprolactam	8.57	113	8903	8.71	ng	# 76
36) 4-Chloro-3-methylphenol	8.67	107	175680	51.03	ng	99
37) 2-Methylnaphthalene	8.83	142	431439	52.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	219064	53.33	ng	97
40) Hexachlorocyclopentadiene	8.98	237	166958	80.29	ng	97

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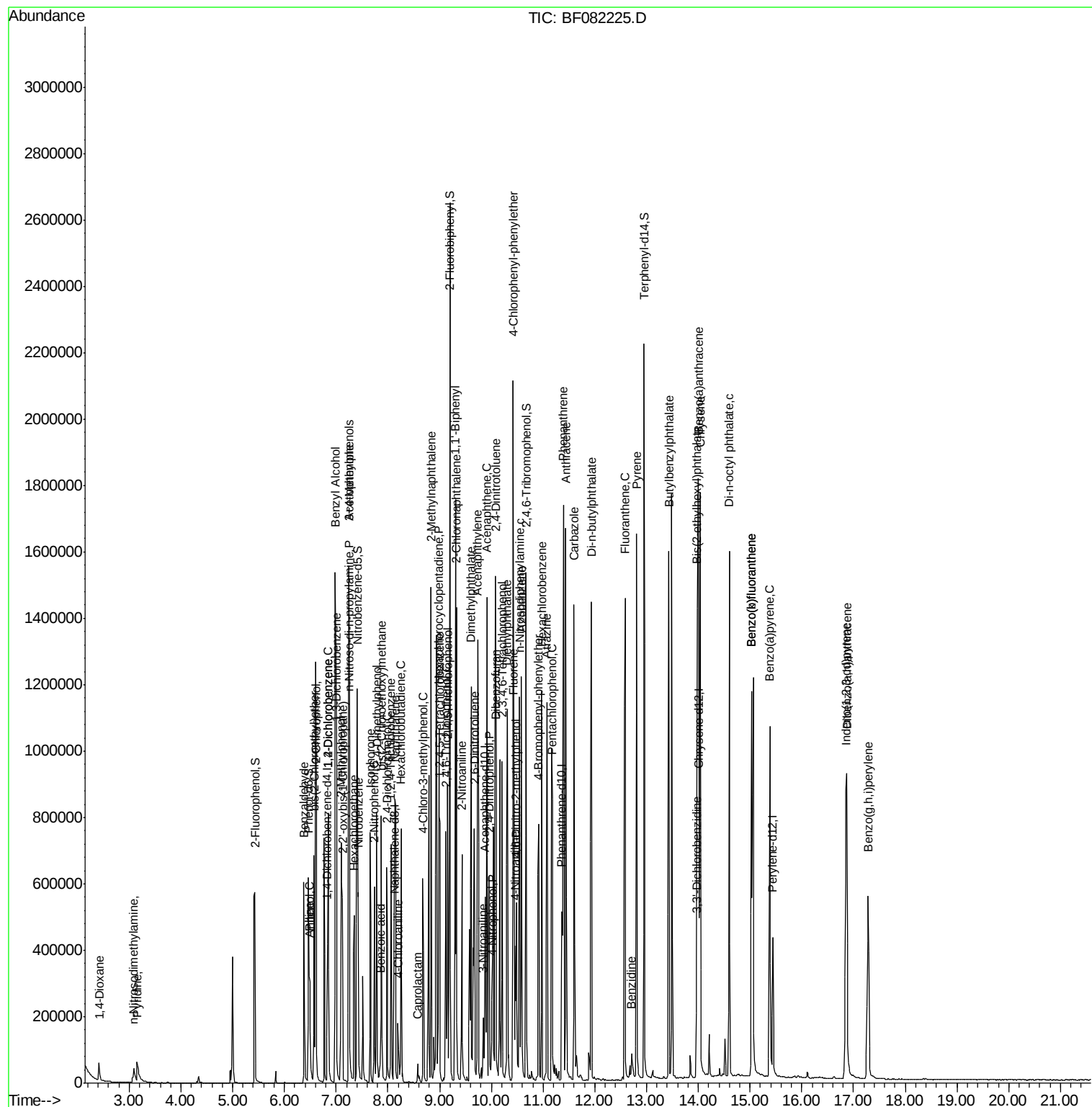
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	141266	51.78	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	161230	54.55	nq #	93
45) 1,1'-Biphenyl	9.30	154	579976	55.07	nq	97
46) 2-Chloronaphthalene	9.33	162	438832	52.93	nq	96
47) 2-Nitroaniline	9.43	65	134678	59.17	nq #	86
48) Acenaphthylene	9.74	152	665901	51.56	nq	99
49) Dimethylphthalate	9.61	163	618648	63.61	nq	99
50) 2,6-Dinitrotoluene	9.67	165	108449	52.85	nq #	67
51) Acenaphthene	9.91	154	404479	52.17	nq	99
52) 3-Nitroaniline	9.84	138	47266	20.39	nq	94
53) 2,4-Dinitrophenol	9.95	184	131135	111.62	nq	92
54) Dibenzofuran	10.09	168	615800	57.85	nq	93
55) 4-Nitrophenol	10.01	139	54808	42.09	nq	99
56) 2,4-Dinitrotoluene	10.08	165	170150	66.34	nq	89
57) Fluorene	10.43	166	484190	55.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	144250	59.73	nq	96
59) Diethylphthalate	10.31	149	544914	60.11	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	238155	59.47	nq #	87
61) 4-Nitroaniline	10.46	138	111883	49.76	nq	94
62) Azobenzene	10.58	77	529716	59.71	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	84189	54.45	nq #	56
65) n-Nitrosodiphenylamine	10.55	169	444425	53.87	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	151935	55.10	nq #	86
67) Hexachlorobenzene	10.97	284	149723	50.21	nq #	71
68) Atrazine	11.07	200	145664	55.73	nq	98
69) Pentachlorophenol	11.18	266	182368	118.84	nq	100
70) Phenanthrene	11.39	178	802188	59.40	nq	99
71) Anthracene	11.44	178	773245	55.56	nq	99
72) Carbazole	11.60	167	700328	55.16	nq	99
73) Di-n-butylphthalate	11.93	149	903253	57.67	nq	99
74) Fluoranthene	12.58	202	869570	59.95	nq	98
76) Benzydine	12.71	184	55353	7.36	nq	98
77) Pyrene	12.81	202	905270	58.81	nq	99
79) Butylbenzylphthalate	13.43	149	398606	56.74	nq	92
80) Benzo(a)anthracene	14.00	228	746058	55.28	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	98215	19.17	nq #	96
82) Chrysene	14.04	228	611980	43.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	501759	50.06	nq #	95
84) Di-n-octyl phthalate	14.60	149	790541	45.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	599405	53.03	nq	100
87) Benzo(b)fluoranthene	15.03	252	619310	50.26	nq	99
88) Benzo(k)fluoranthene	15.03	252	619310	59.80	nq	99
89) Benzo(a)pyrene	15.38	252	586035	55.34	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	489614	56.42	nq	99
91) Benzo(g,h,i)perylene	17.28	276	509454	60.43	nq	99

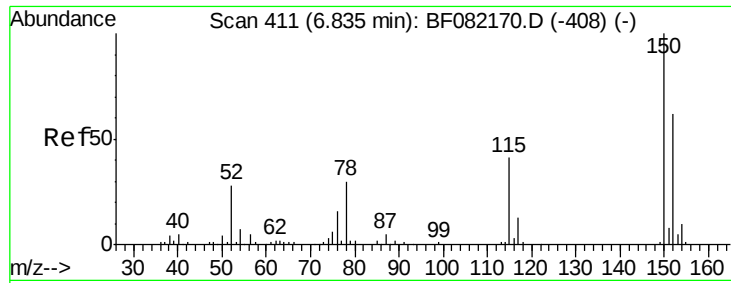
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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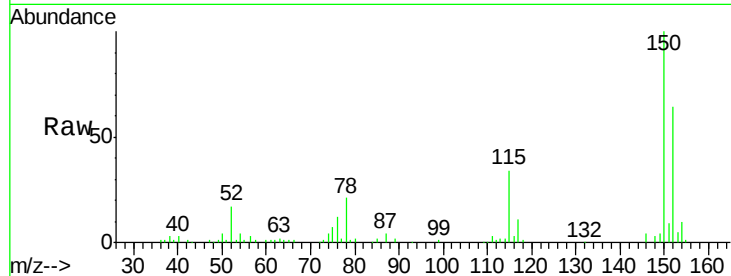


#1

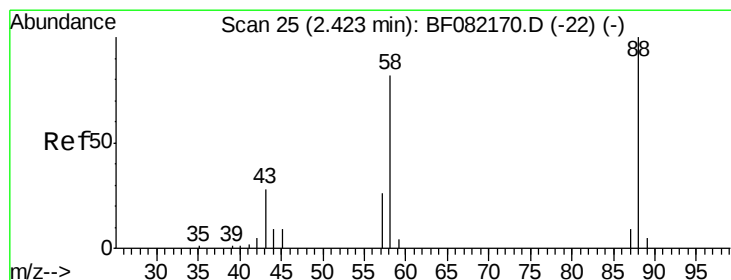
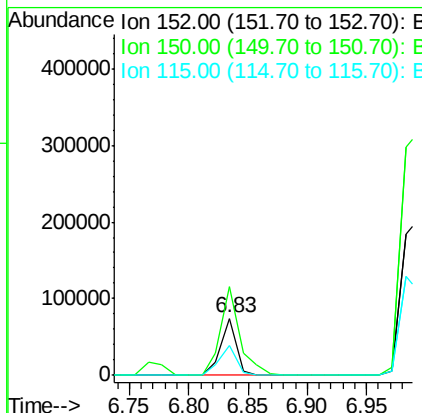
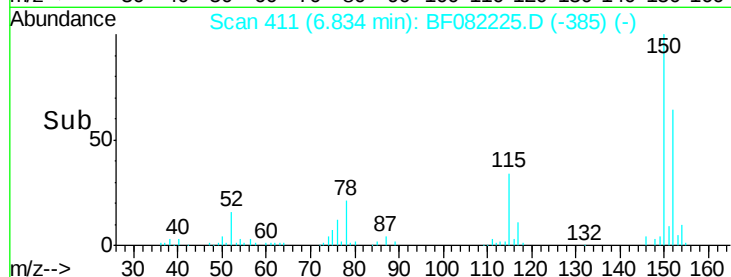
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:152 Resp: 69741
Ion Ratio Lower Upper
152 100
150 155.2 129.0 193.4
115 52.1 52.1 78.1



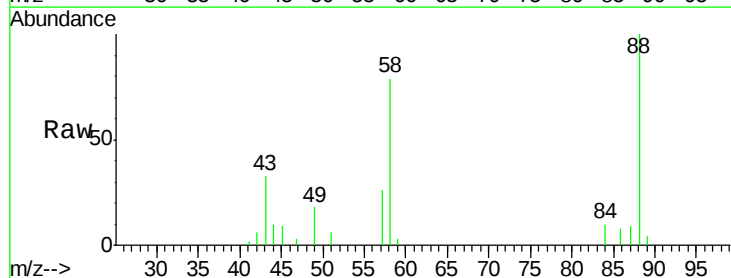
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



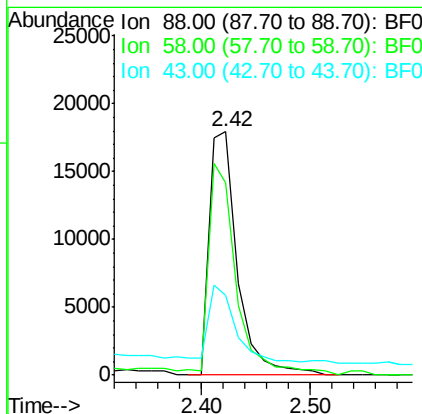
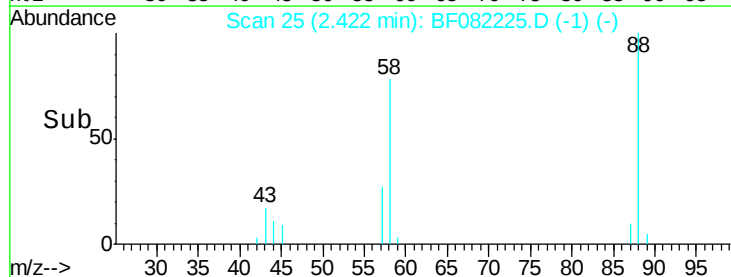
#2

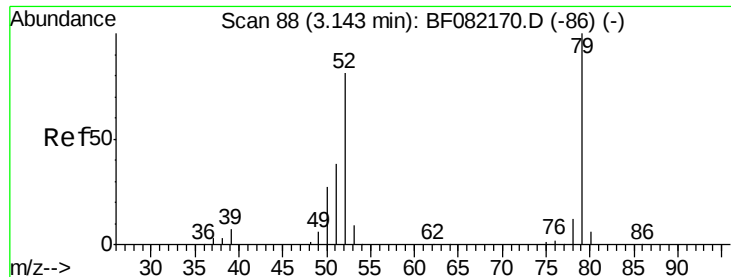
1,4-Dioxane
Concen: 18.74 ng
RT: 2.42 min Scan# 25
Delta R.T. 0.05 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion: 88 Resp: 32537
Ion Ratio Lower Upper
88 100
58 86.5 66.2 99.4
43 29.7 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: 15.10 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

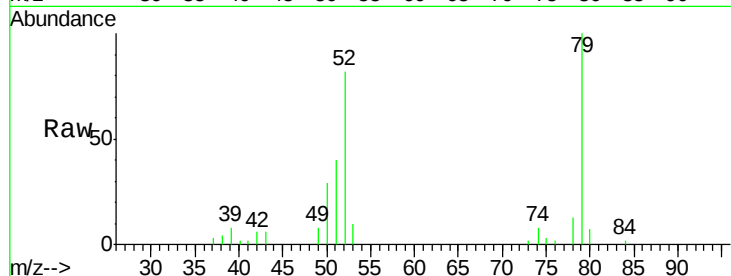
Tot Ion: 79 Resp: 60978

Ion Ratio Lower Upper

79 100

52 81.6 64.4 96.6

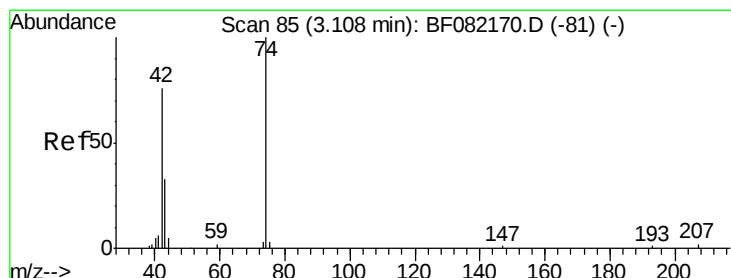
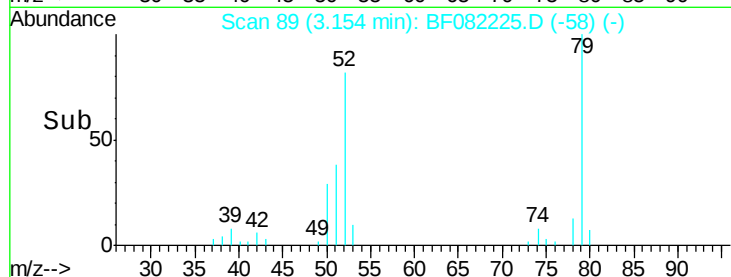
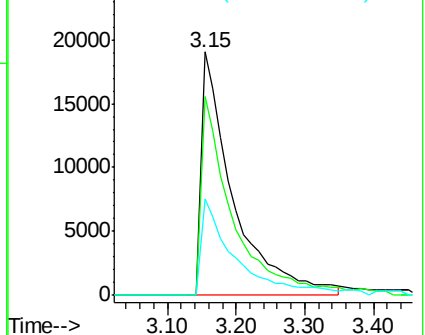
51 39.7 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 19.51 ng

RT: 3.09 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

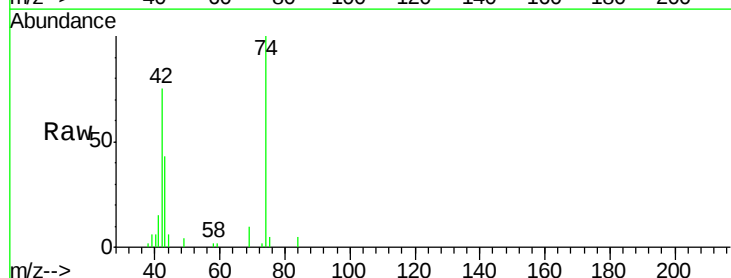
Tgt Ion: 42 Resp: 33413

Ion Ratio Lower Upper

42 100

74 134.2 105.7 158.5

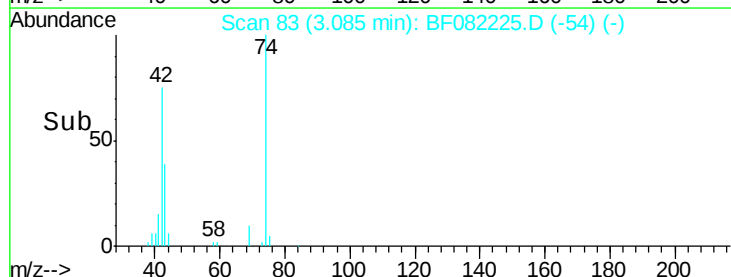
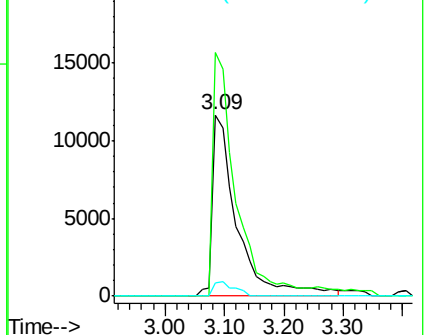
44 7.6 5.4 8.2

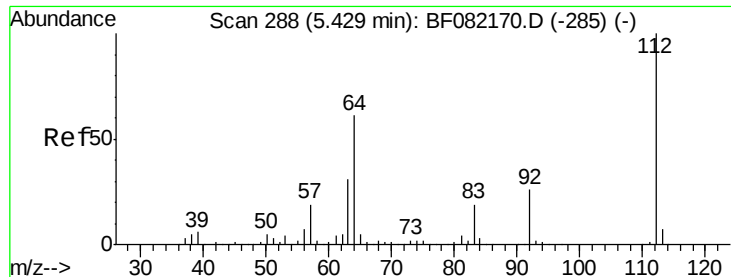


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.55 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

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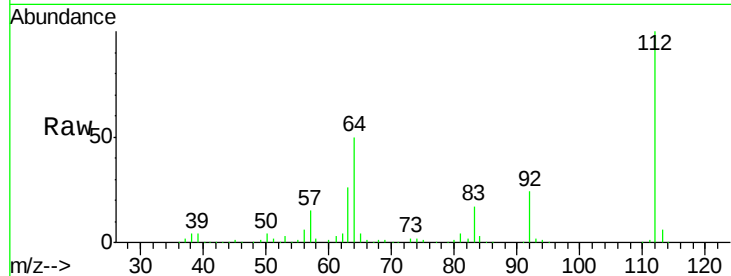
Tot Ion:112 Resp: 254162

Ion Ratio Lower Upper

112 100

64 50.4 48.6 73.0

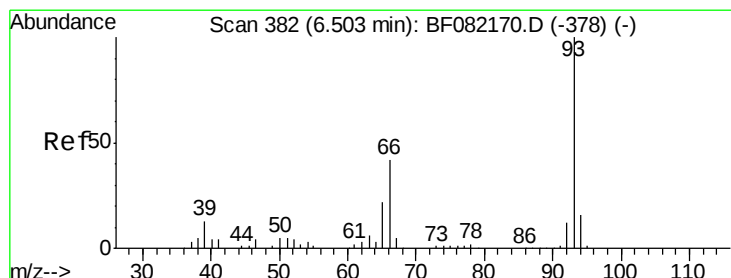
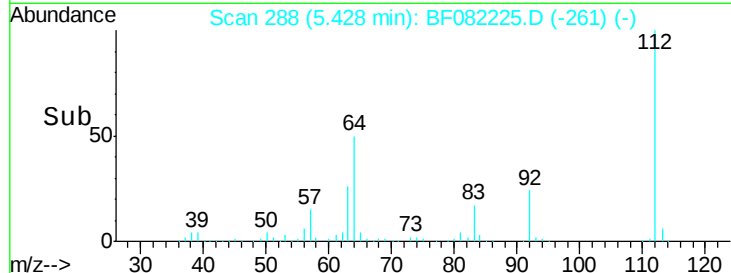
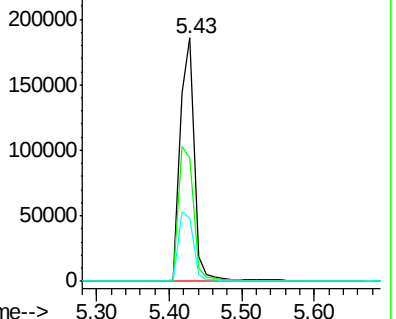
63 26.1 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.53 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

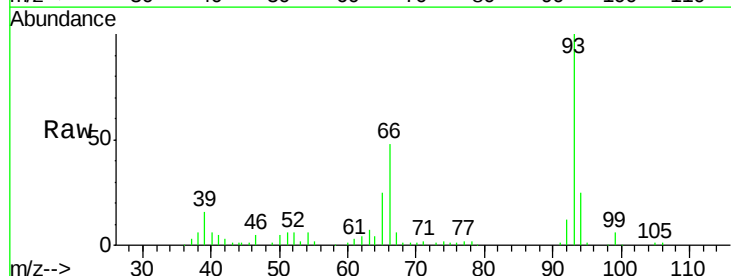
Tgt Ion: 93 Resp: 119056

Ion Ratio Lower Upper

93 100

66 48.0 34.2 51.2

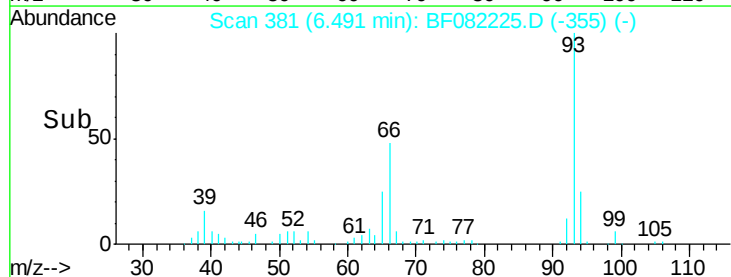
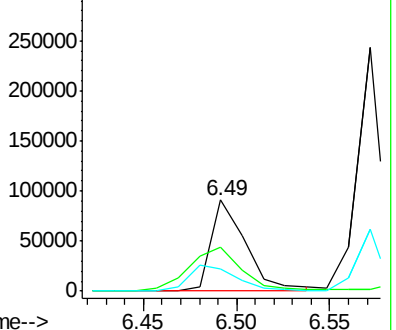
65 25.0 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.99 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

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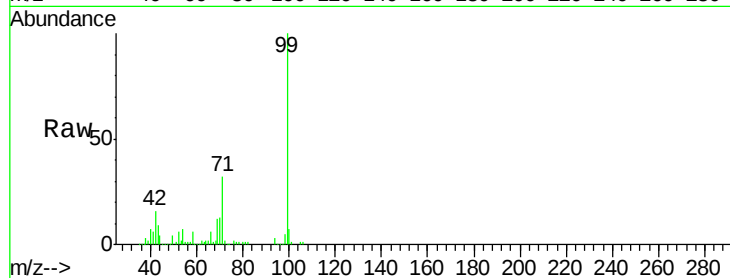
Tot Ion: 99 Resp: 220290

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

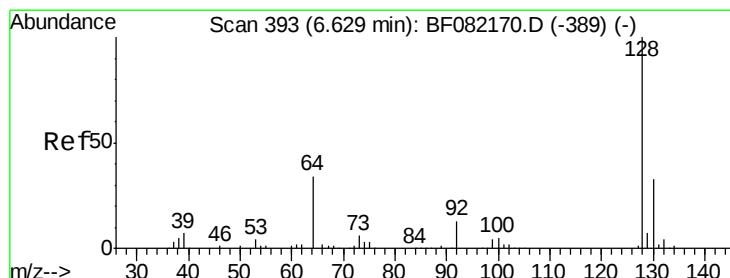
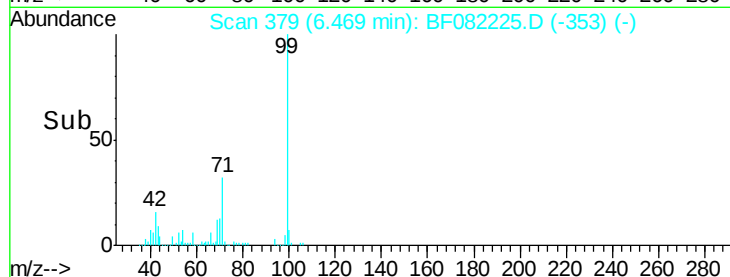
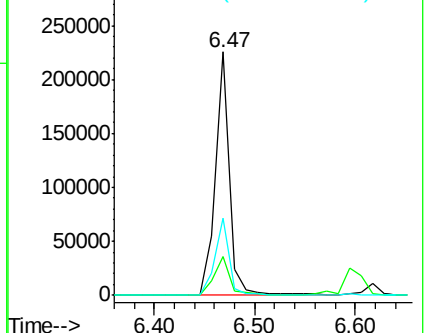
71 31.9 25.6 38.4



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: 44.47 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

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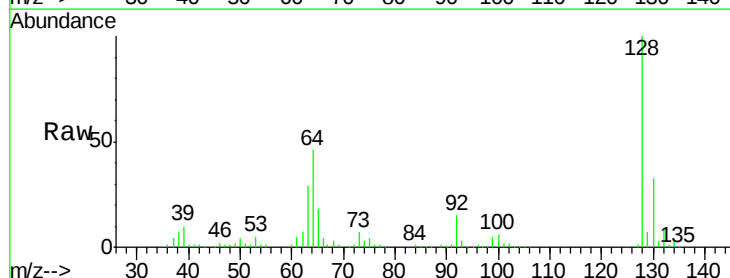
Tgt Ion: 128 Resp: 187586

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

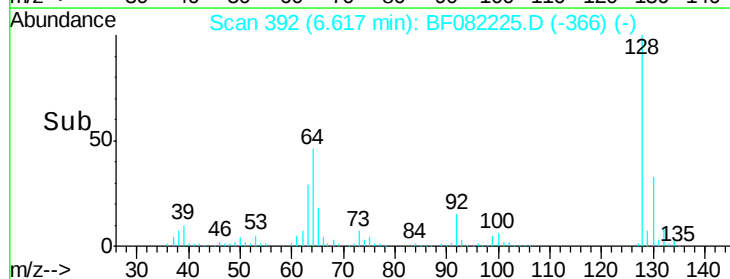
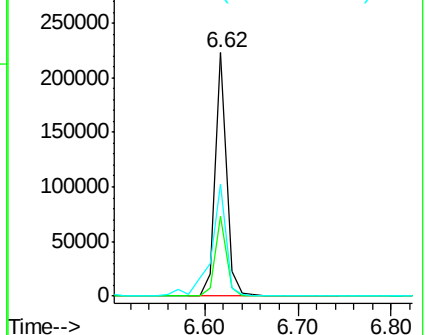
64 45.9 16.7 56.7



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: 56.33 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

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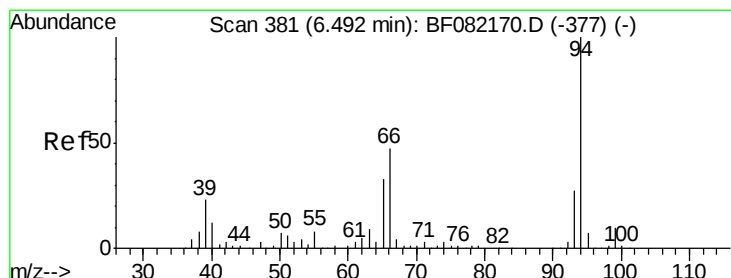
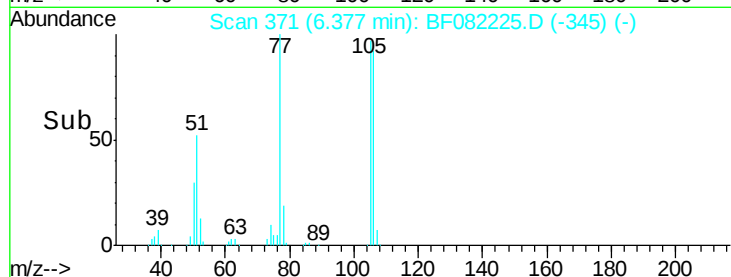
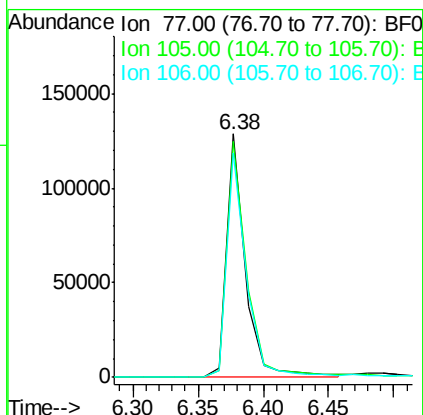
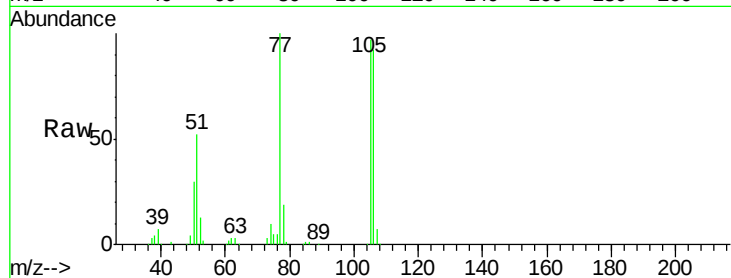
Tot Ion: 77 Resp: 129364

Ion Ratio Lower Upper

77 100

105 97.1 80.6 120.6

106 92.3 75.5 115.5



#10

Phenol

Concen: 17.53 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

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Acq: 12 Oct 2015 17:40

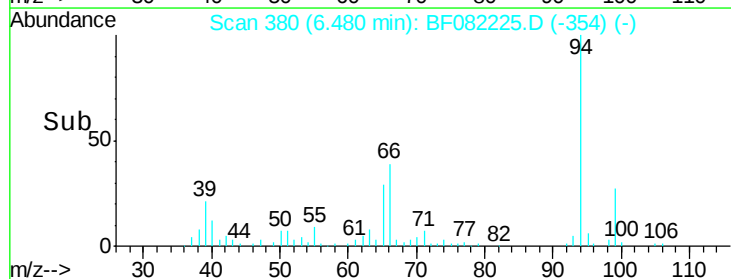
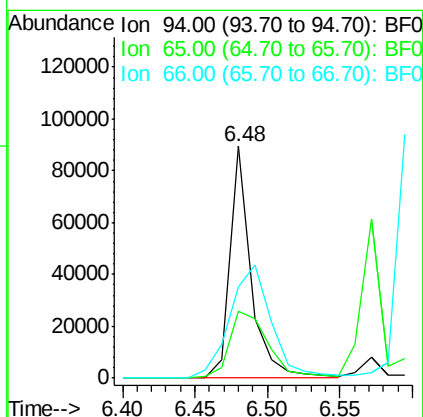
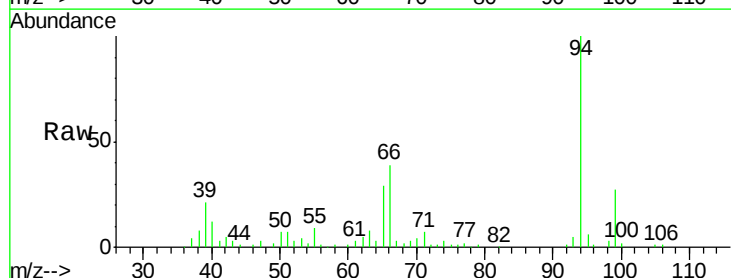
Tgt Ion: 94 Resp: 90880

Ion Ratio Lower Upper

94 100

65 28.9 12.6 52.6

66 39.1 27.3 67.3

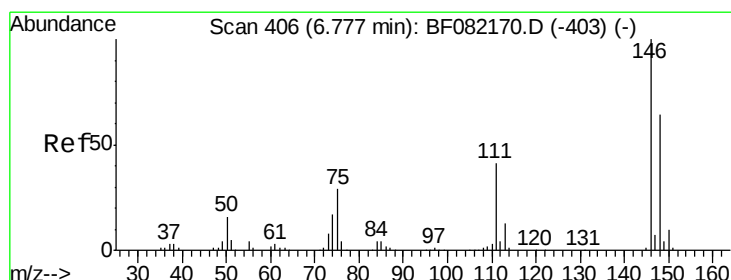
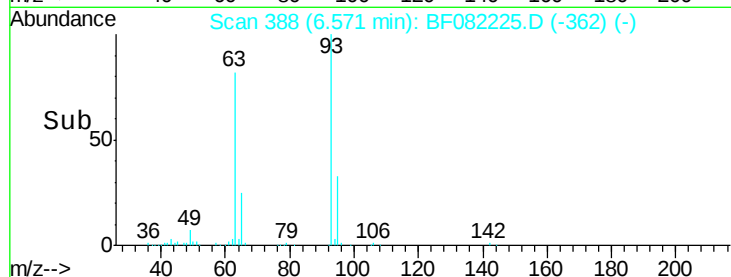
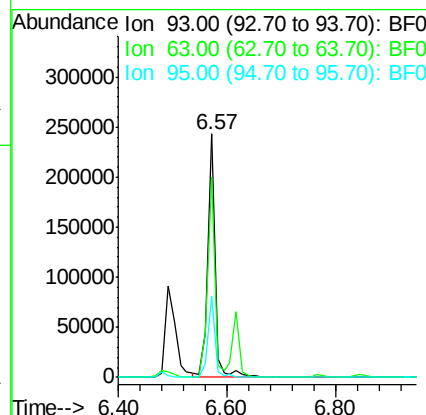
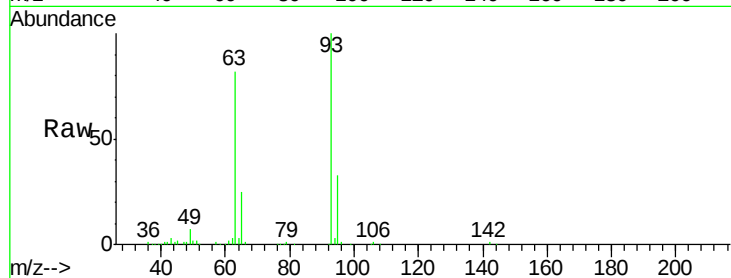




#11
bis(2-Chloroethyl)ether
Concen: 51.83 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

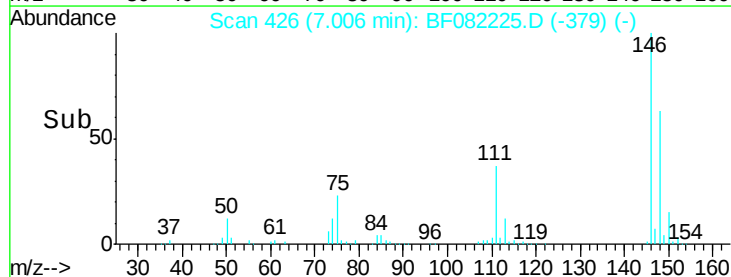
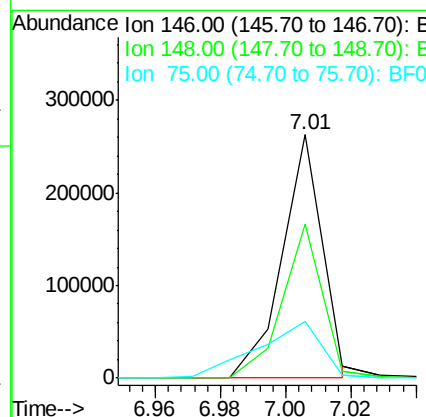
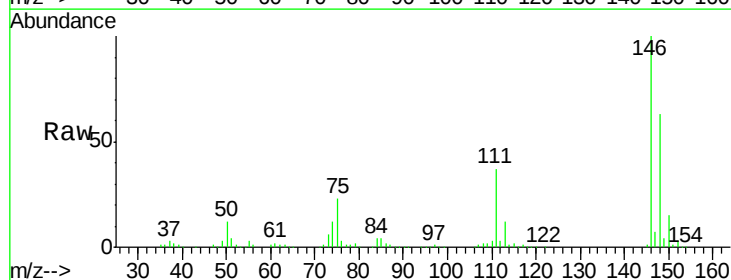
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion: 93 Resp: 227256
Ion Ratio Lower Upper
93 100
63 82.3 57.1 97.1
95 33.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 45.54 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.24 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion: 146 Resp: 223736
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 23.1 23.0 34.6

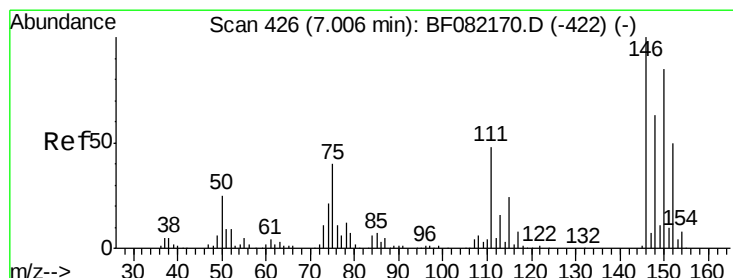
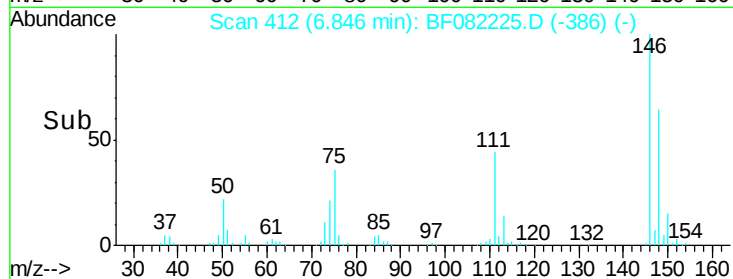
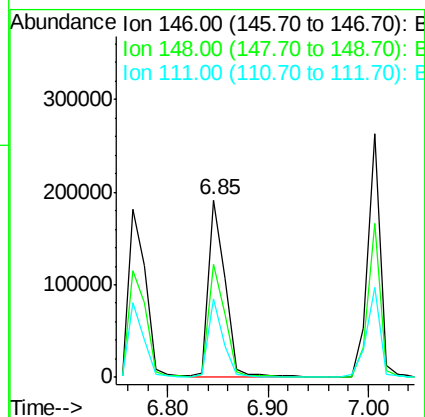
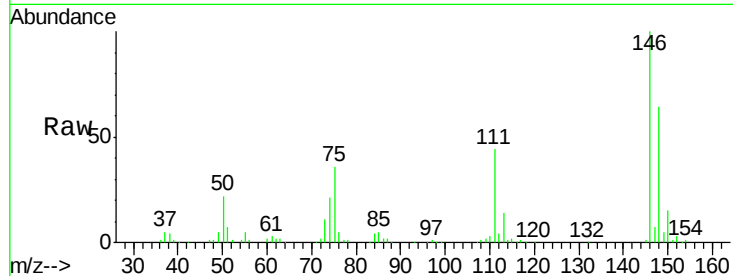




#13
 1,4-Dichlorobenzene
 Concen: 43.30 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

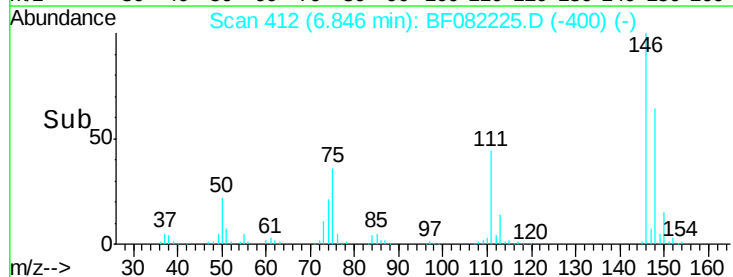
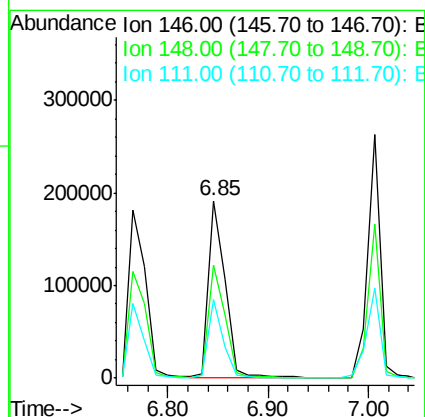
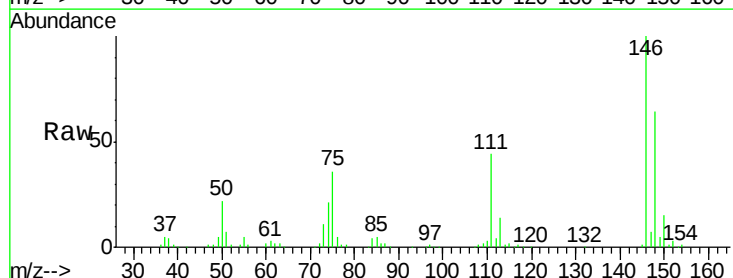
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:146 Resp: 222158
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 44.0 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 46.00 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.16 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:146 Resp: 224079
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 111 44.0 38.5 57.7





#15

Benzyl Alcohol

Concen: 35.74 ng

RT: 6.98 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

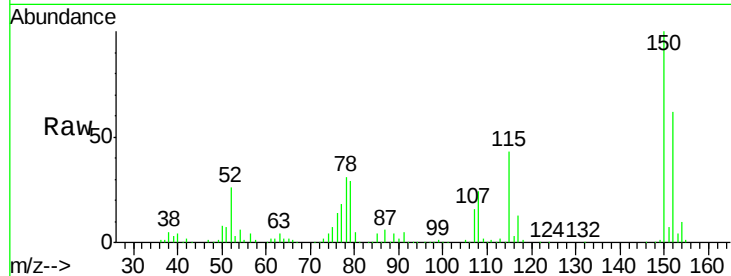
Tot Ion: 79 Resp: 110958

Ion Ratio Lower Upper

79 100

108 82.2 58.4 87.6

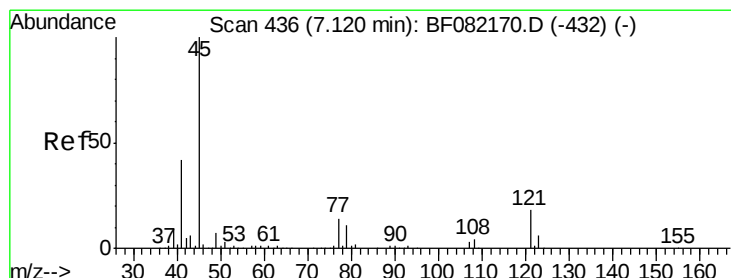
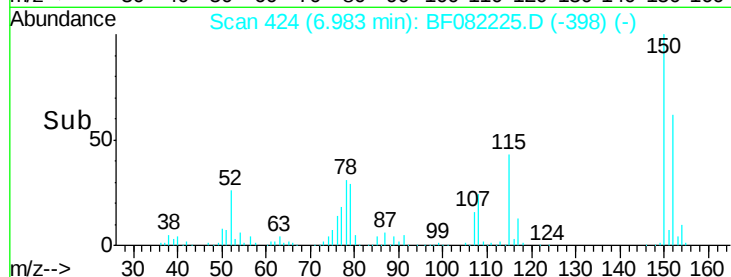
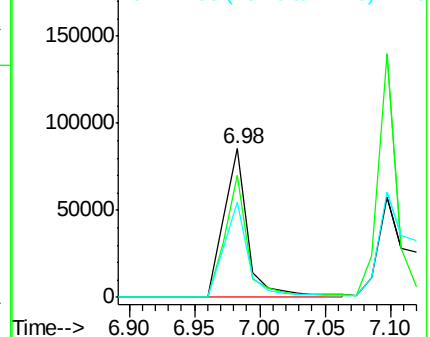
77 63.8 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.57 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

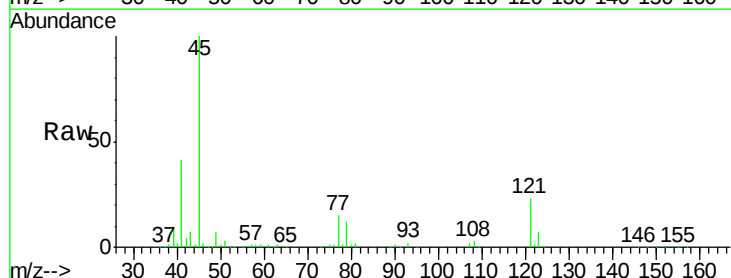
Tgt Ion: 45 Resp: 320968

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.5

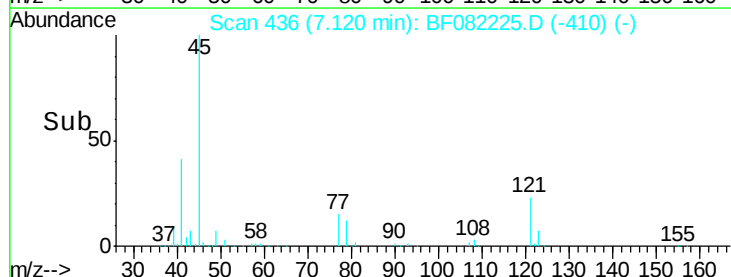
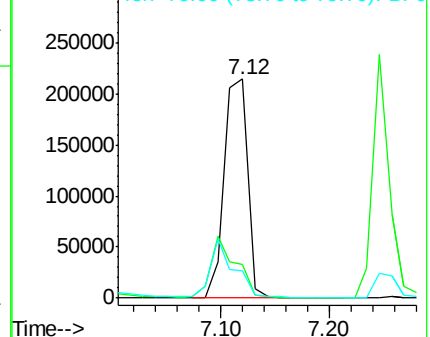
79 12.2 0.0 31.6

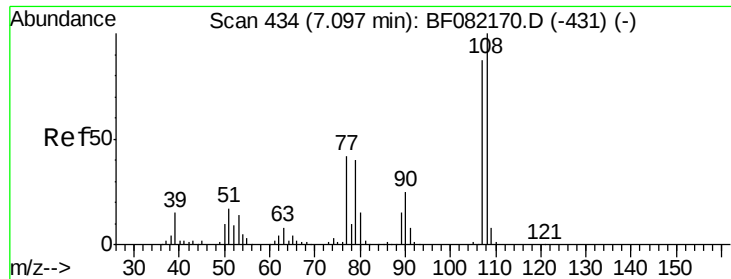


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

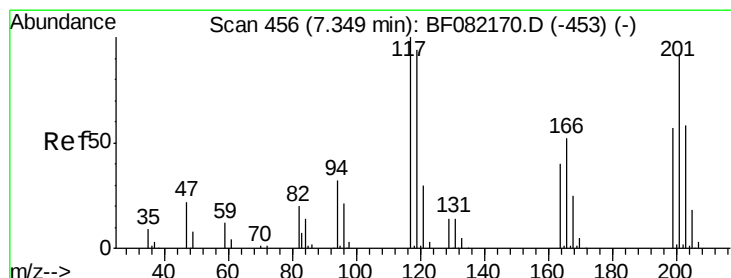
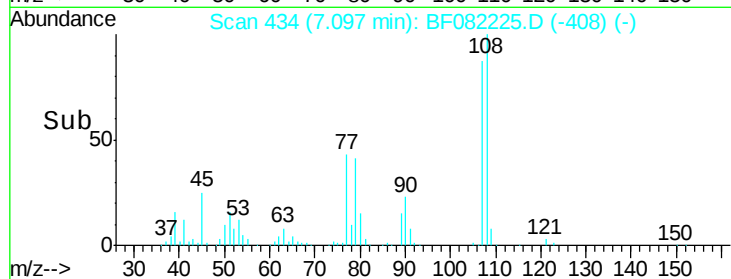
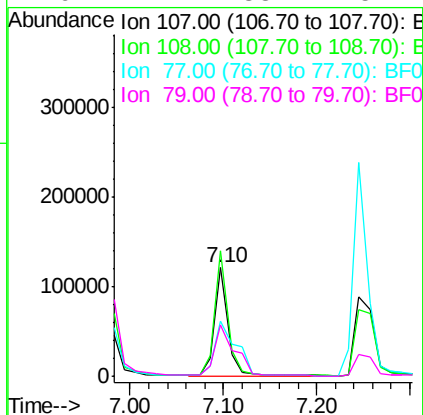
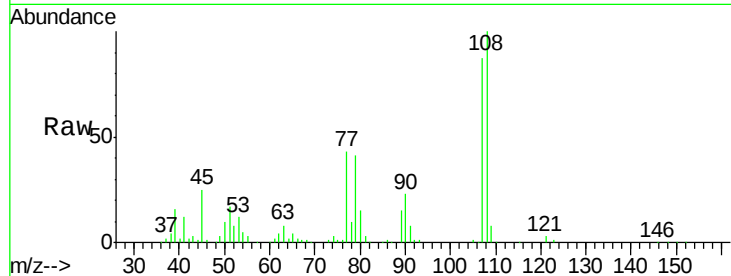




#17
2-Methylphenol
Concen: 36.37 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

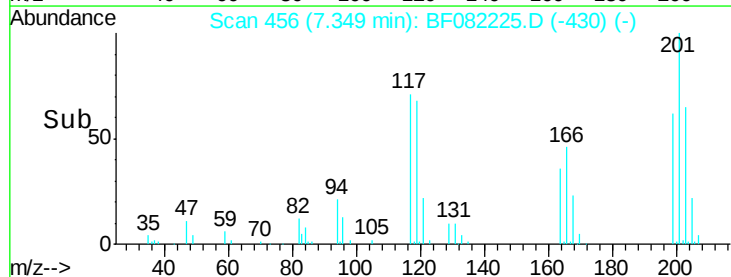
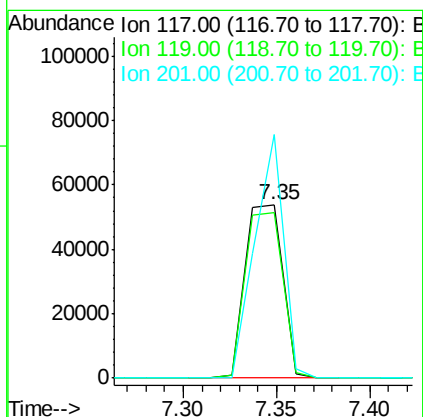
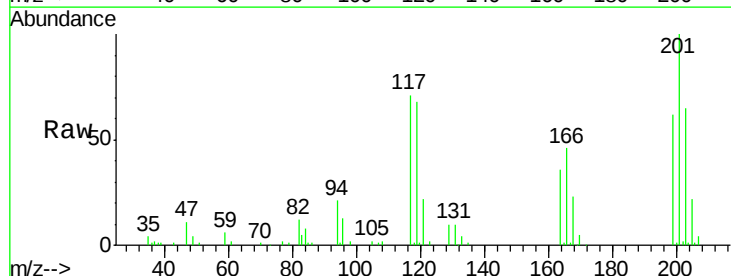
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

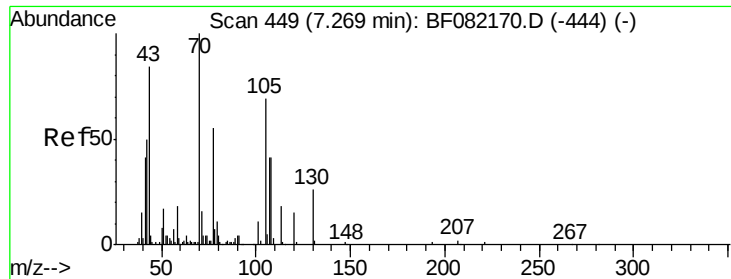
Tot Ion:	107	Resp:	121339
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.2	138.2
77	50.2	39.6	59.4
79	47.4	38.2	57.4



#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:	117	Resp:	74894
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.2
201	140.6	73.4	110.0#

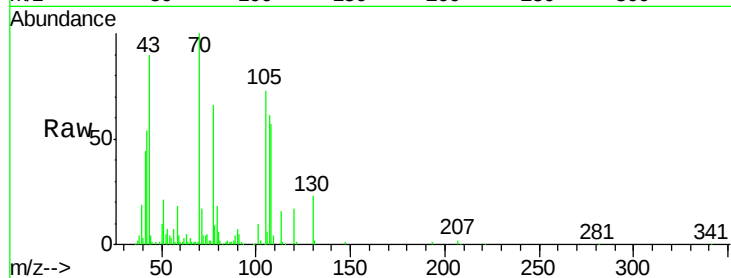




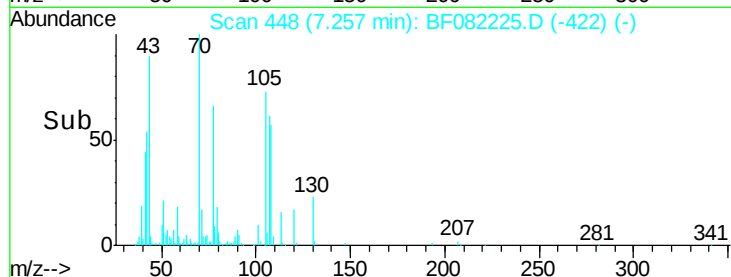
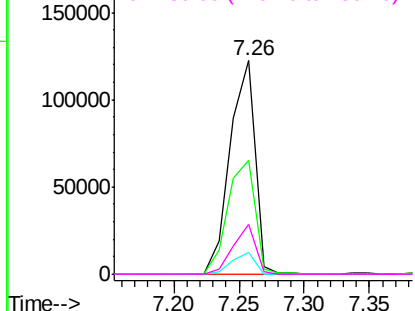
#19
n-Nitroso-di-n-propylamine
Concen: 51.59 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion: 70 Resp: 162934
Ion Ratio Lower Upper
70 100
42 53.6 39.8 59.8
101 10.2 8.6 13.0
130 23.2 20.5 30.7



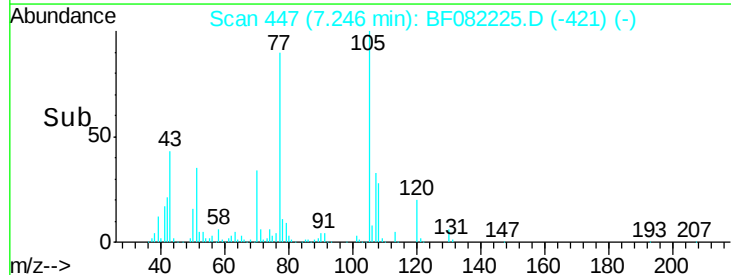
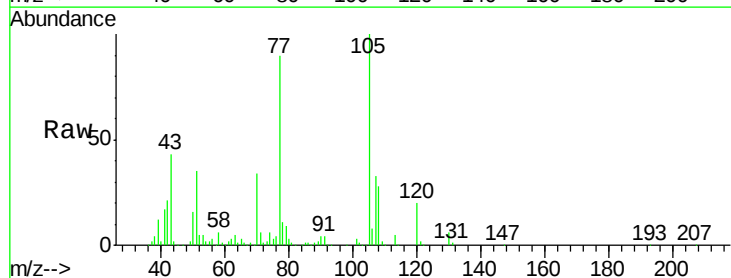
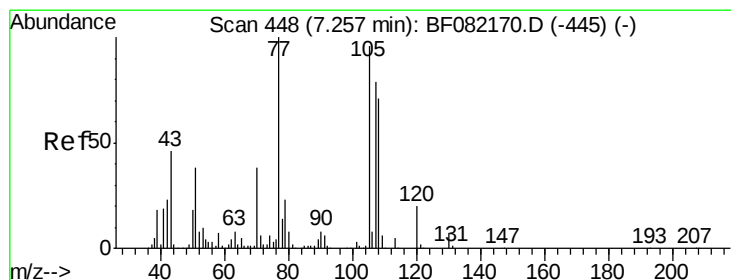
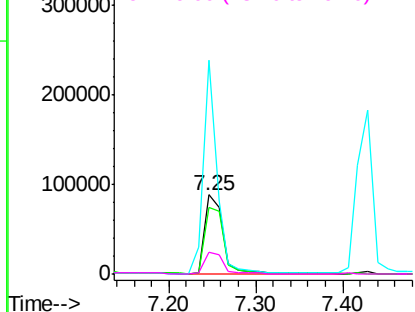
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 31.91 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:107 Resp: 126828
Ion Ratio Lower Upper
107 100
108 83.7 69.9 109.9
77 270.7 106.0 146.0#
79 28.1 9.8 49.8

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

Tot Ion:136 Resp: 271579

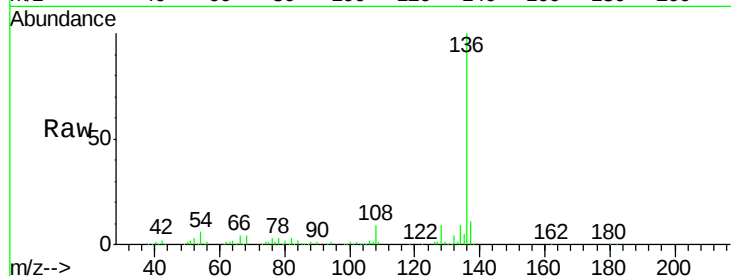
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 5.8 7.5 11.3#

68 4.0 4.6 7.0#

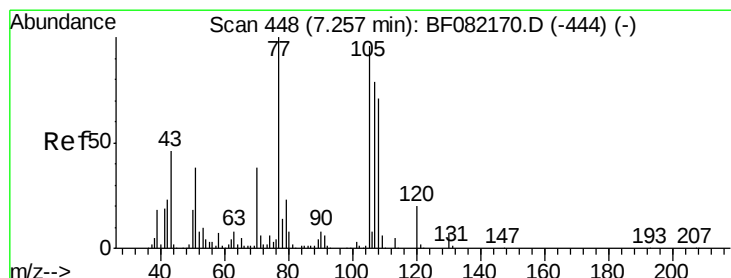
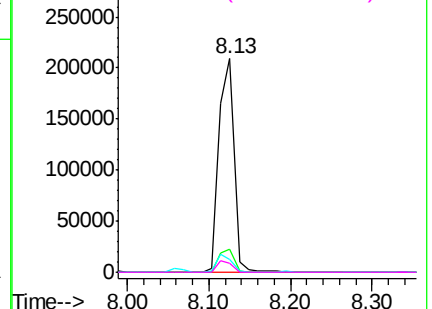
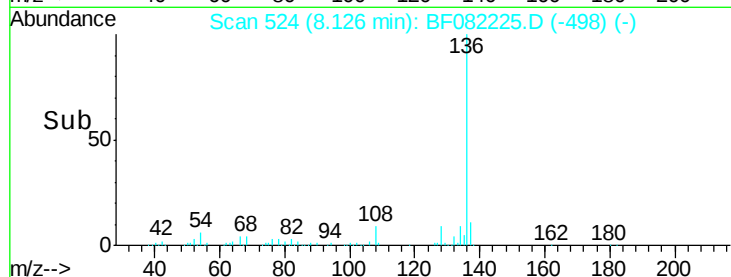


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.74 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:105 Resp: 288699

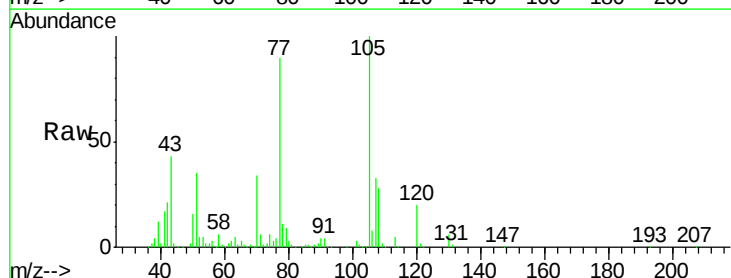
Ion Ratio Lower Upper

105 100

71 5.6 5.4 8.0

51 34.9 31.8 47.6

120 20.3 16.3 24.5

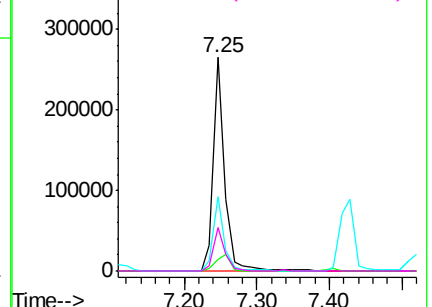
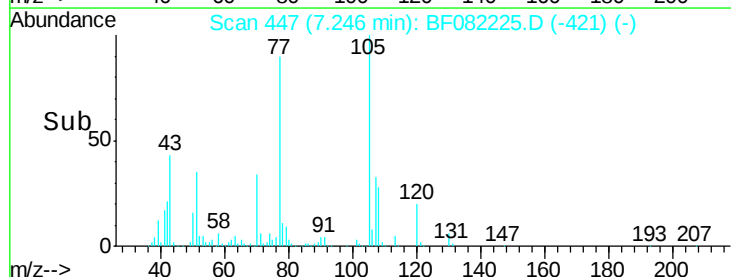


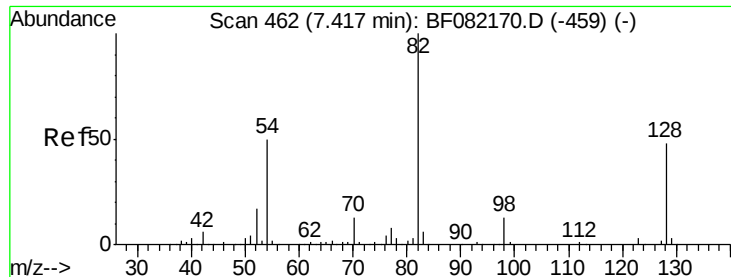
Abundance Ion 105.00 (104.70 to 105.70): E

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

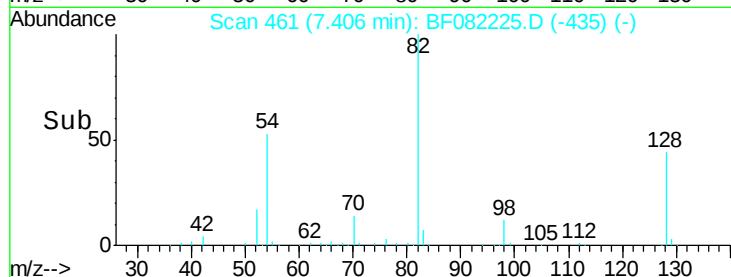
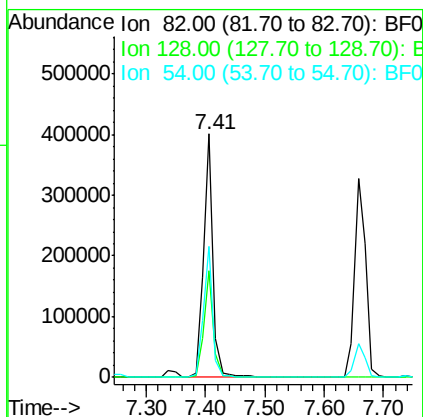
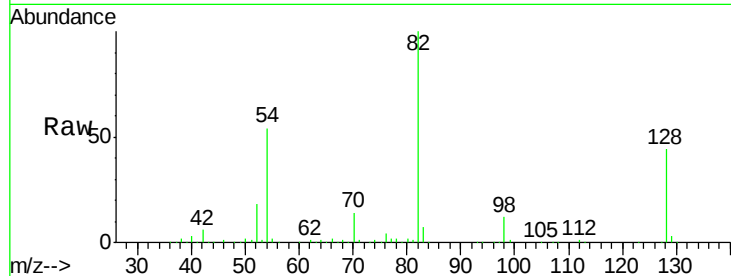




#23
 Nitrobenzene-d5
 Concen: 113.33 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

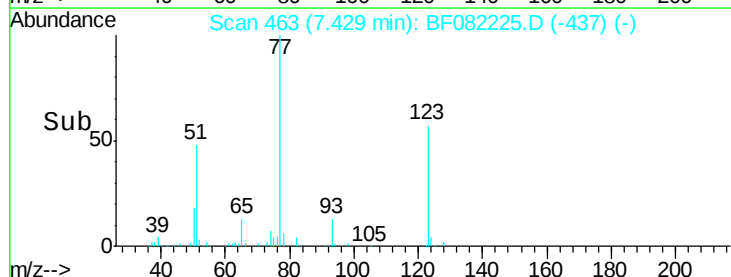
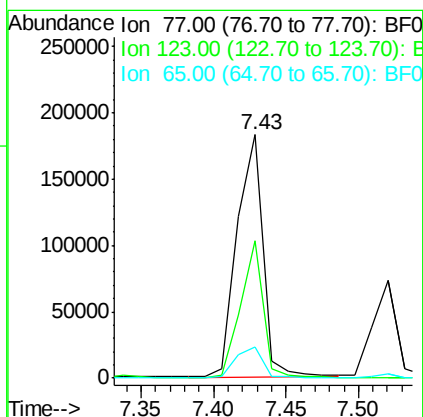
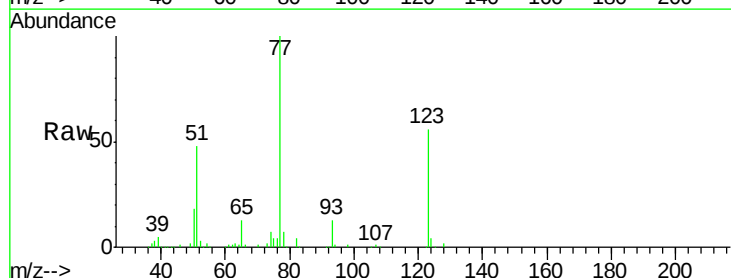
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

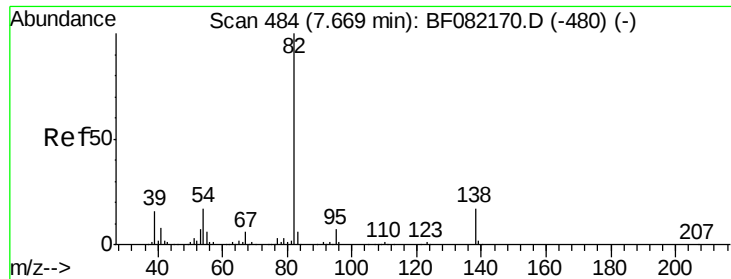
Tot Ion: 82 Resp: 458296
 Ion Ratio Lower Upper
 82 100
 128 44.0 38.7 58.1
 54 53.6 40.1 60.1



#24
 Nitrobenzene
 Concen: 52.09 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion: 77 Resp: 228020
 Ion Ratio Lower Upper
 77 100
 123 56.4 33.0 49.4#
 65 12.8 11.2 16.8





#25

Isophorone

Concen: 51.65 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

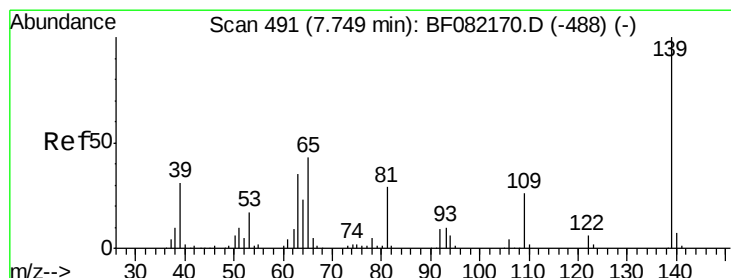
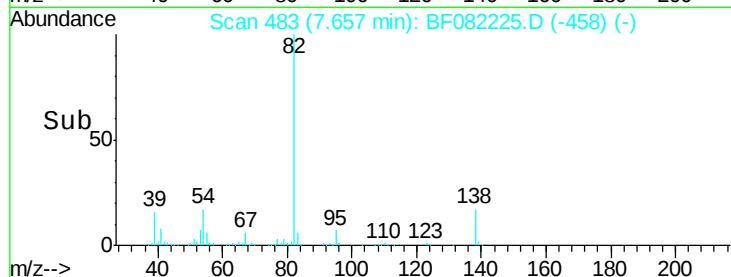
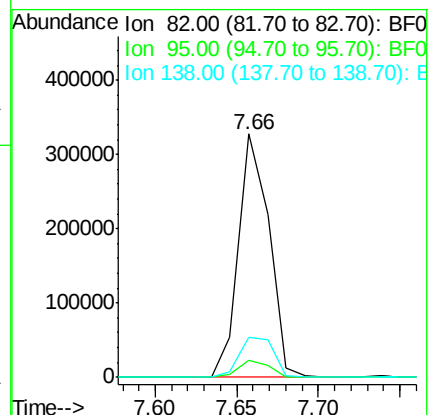
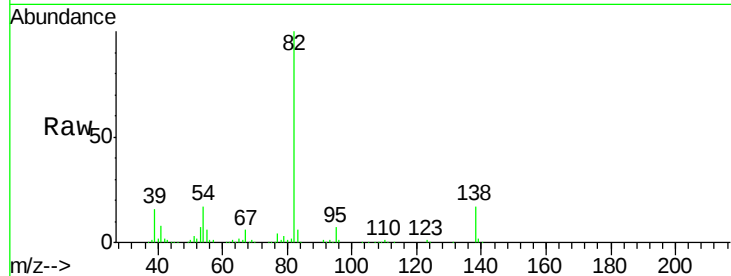
Tot Ion: 82 Resp: 421583

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 16.7 13.6 20.4



#26

2-Nitrophenol

Concen: 52.62 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

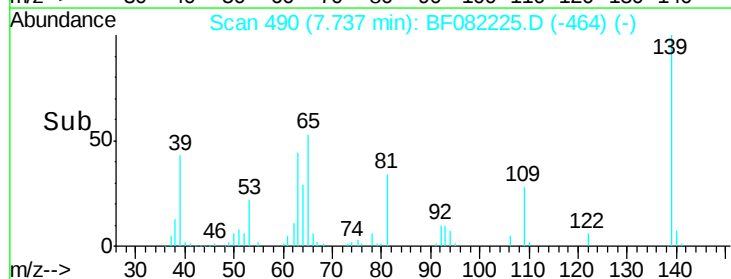
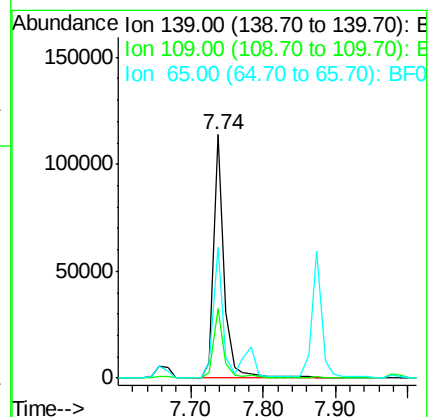
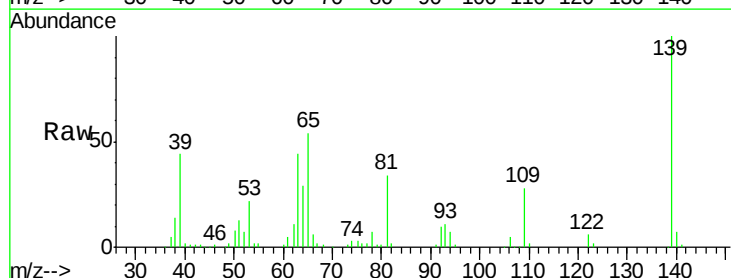
Tgt Ion: 139 Resp: 115021

Ion Ratio Lower Upper

139 100

109 28.4 20.6 31.0

65 54.0 34.3 51.5#





#27

2,4-Dimethylphenol

Concen: 51.11 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

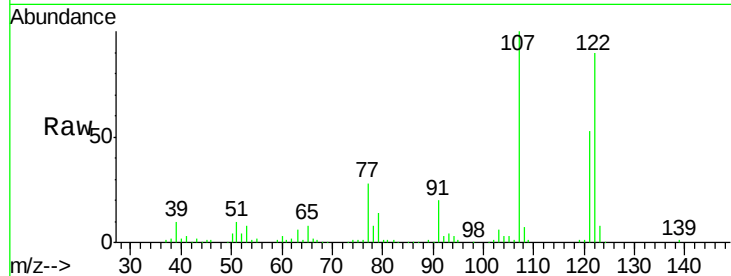
Tot Ion:122 Resp: 179994

Ion Ratio Lower Upper

122 100

107 110.6 94.0 141.0

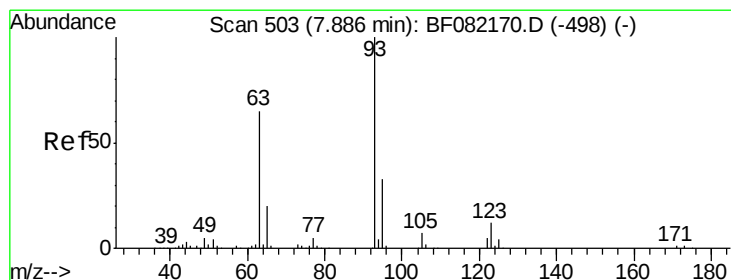
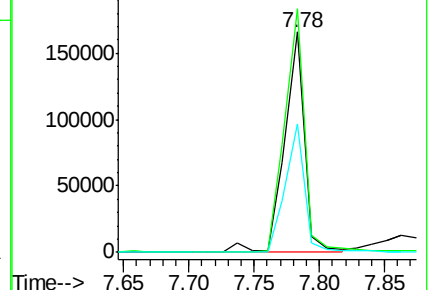
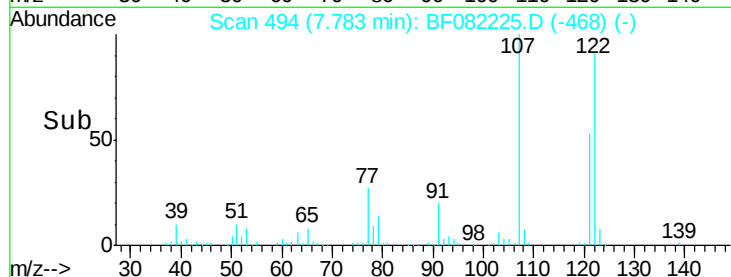
121 58.2 46.8 70.2



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: 55.27 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

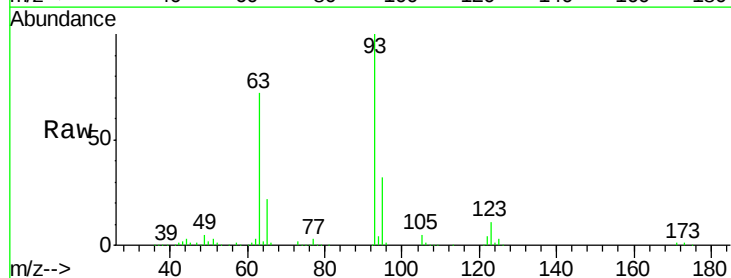
Tgt Ion: 93 Resp: 262469

Ion Ratio Lower Upper

93 100

95 32.1 26.6 39.8

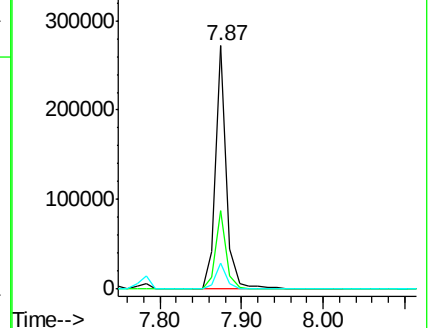
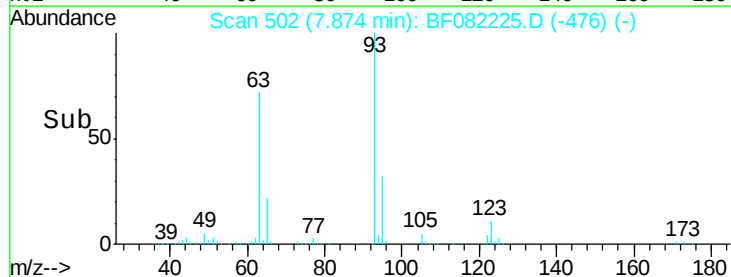
123 10.6 9.5 14.3

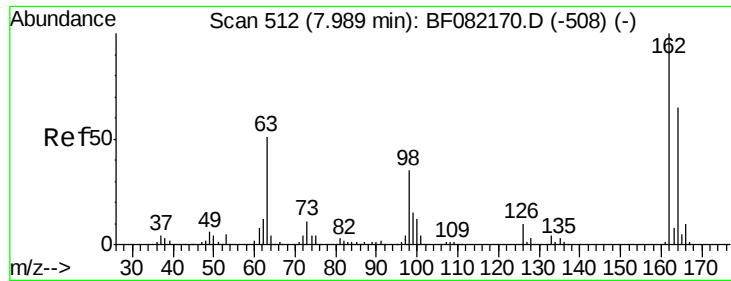


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

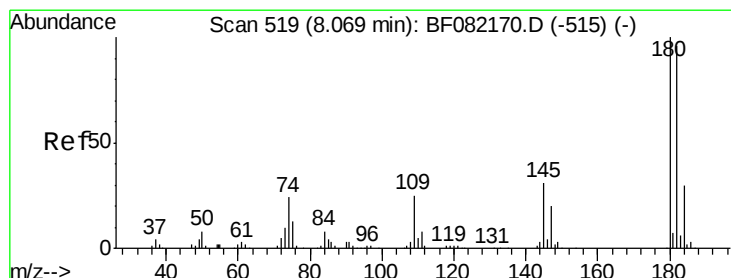
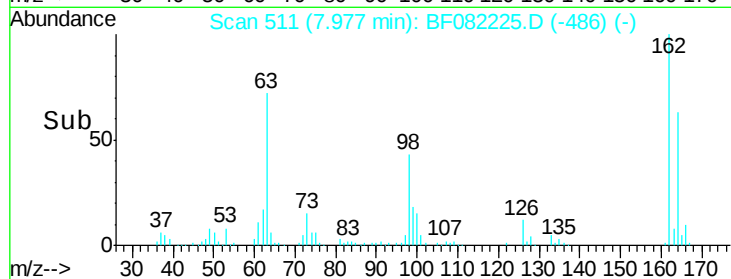
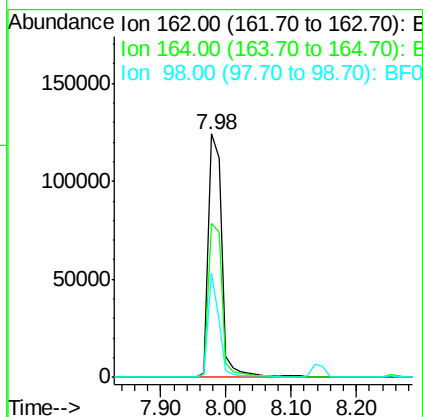
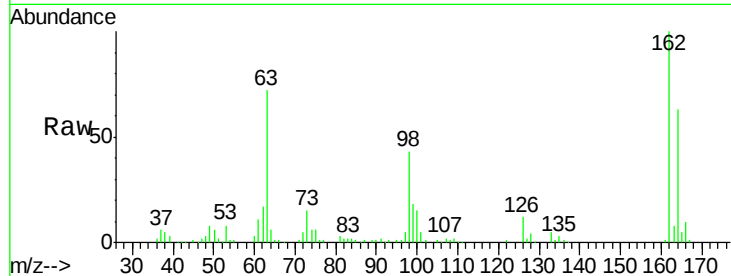




#29
2,4-Dichlorophenol
Concen: 51.97 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

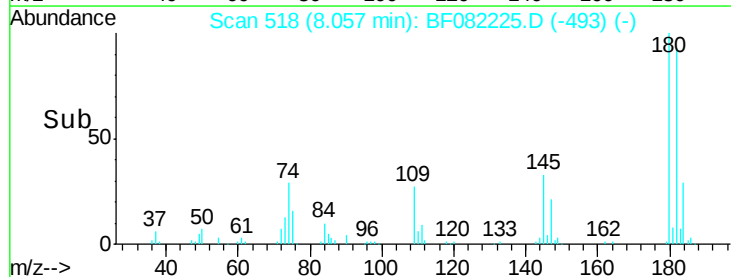
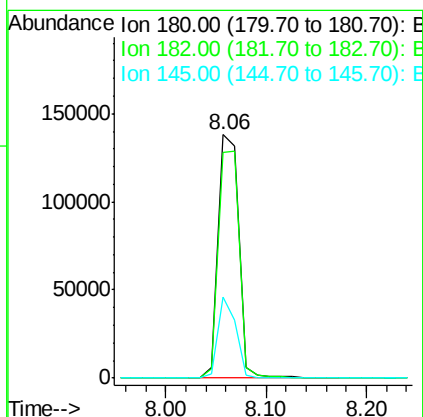
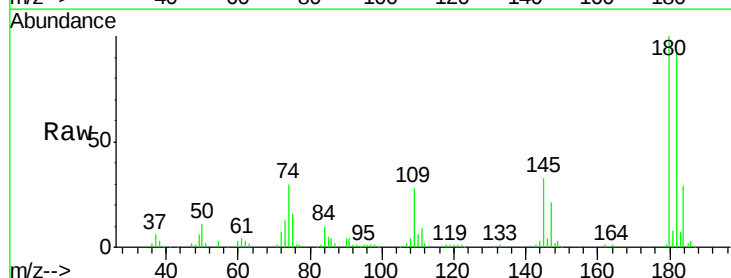
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

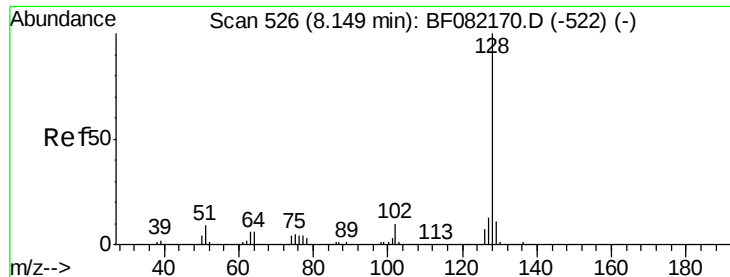
Tot Ion:162 Resp: 182956
Ion Ratio Lower Upper
162 100
164 63.3 44.6 84.6
98 42.9 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 48.45 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:180 Resp: 196604
Ion Ratio Lower Upper
180 100
182 93.0 77.0 115.4
145 33.2 25.0 37.4

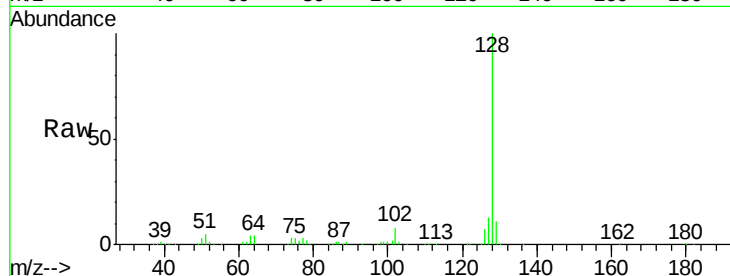




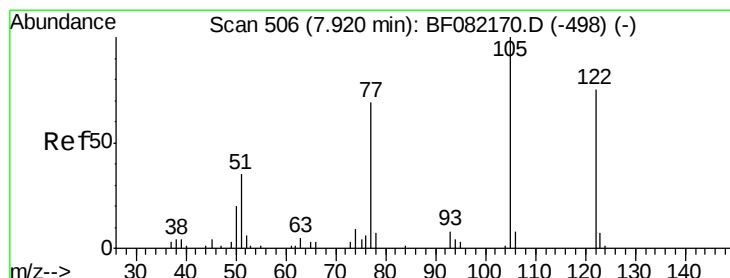
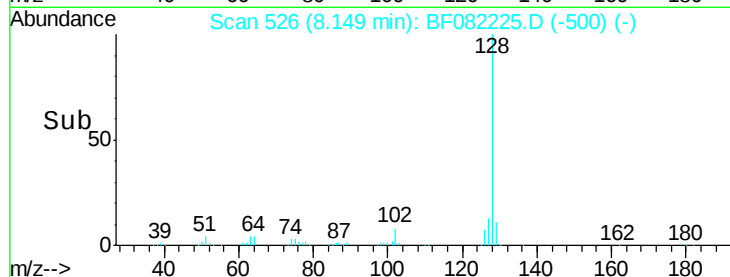
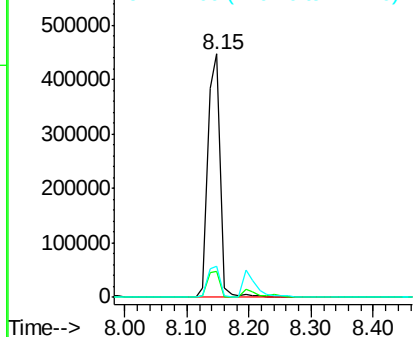
#31
Naphthalene
Concen: 52.38 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:128 Resp: 616609
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 10.7 16.1

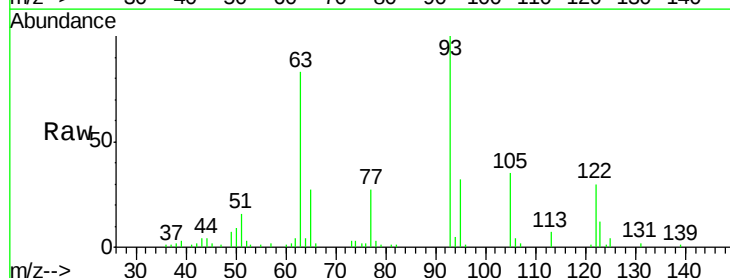


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

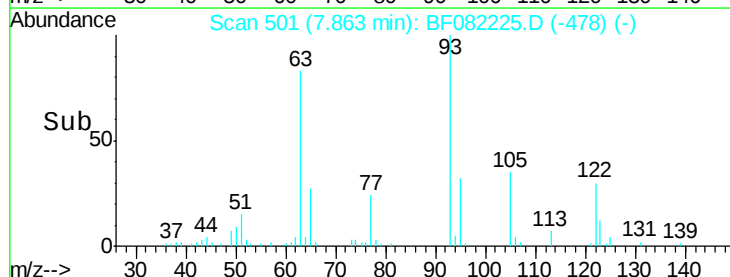
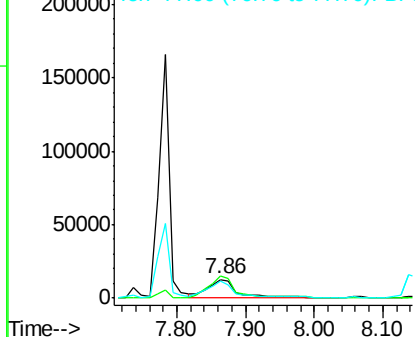


#32
Benzoic acid
Concen: 15.48 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:122 Resp: 36596
Ion Ratio Lower Upper
122 100
105 115.6 104.4 144.4
77 89.9 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

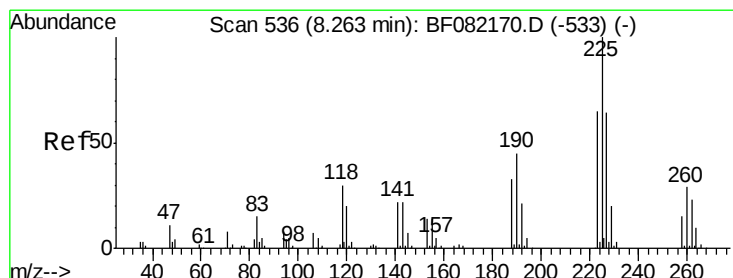
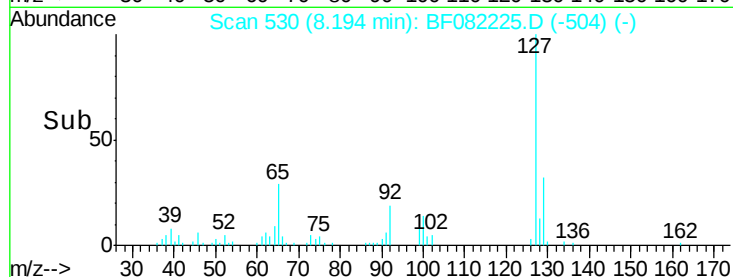
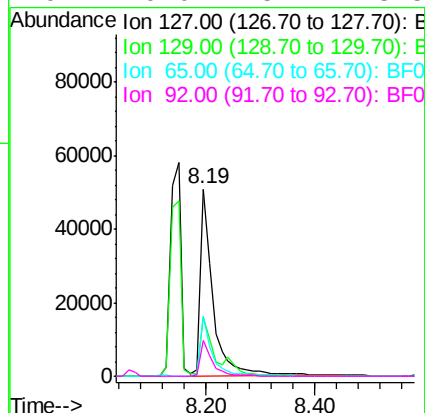
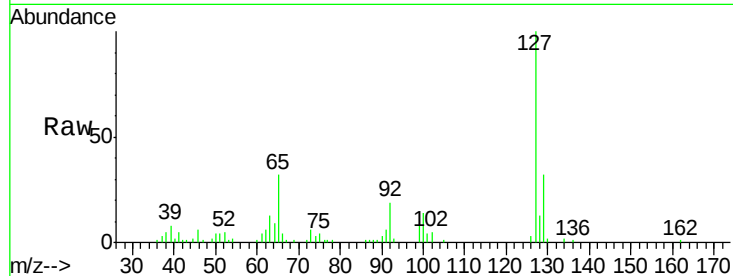




#33
4-Chloroaniline
Concen: 16.44 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

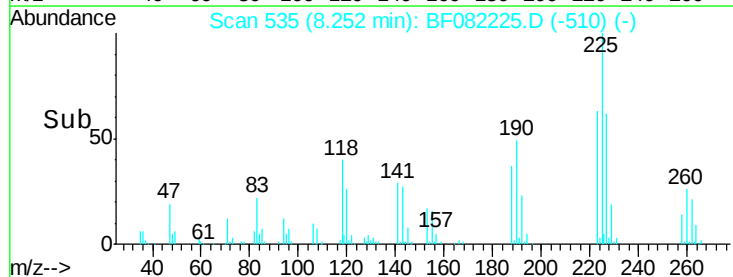
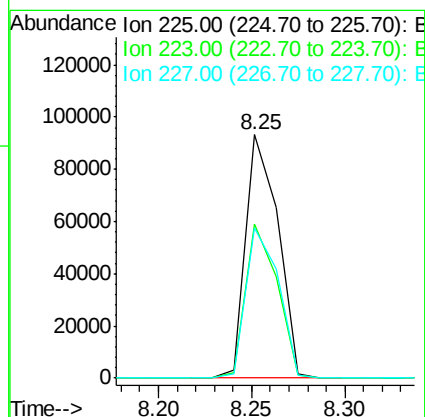
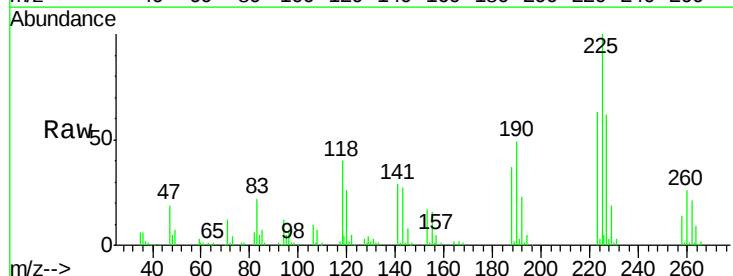
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:	127	Resp:	80401
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	32.3	24.4	36.6
92	19.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 44.27 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:	225	Resp:	111931
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.2
227	61.7	51.3	76.9





#35

Caprolactam

Concen: 8.71 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

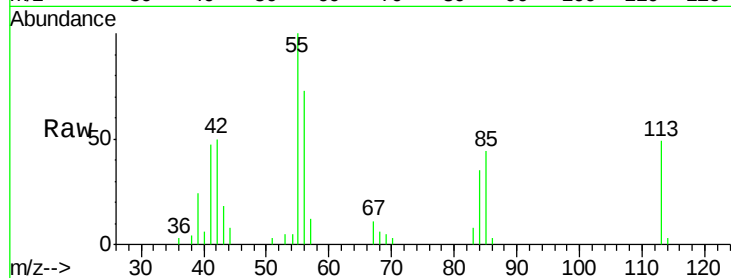
Tot Ion:113 Resp: 8903

Ion Ratio Lower Upper

113 100

55 205.2 149.7 189.7#

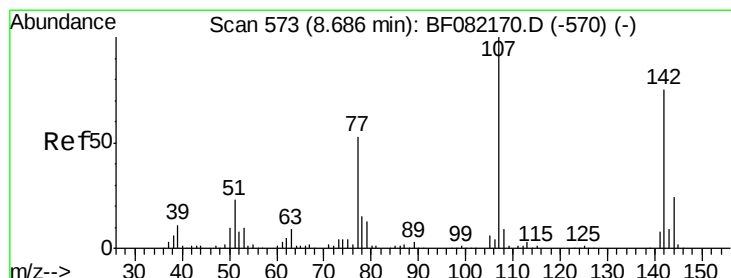
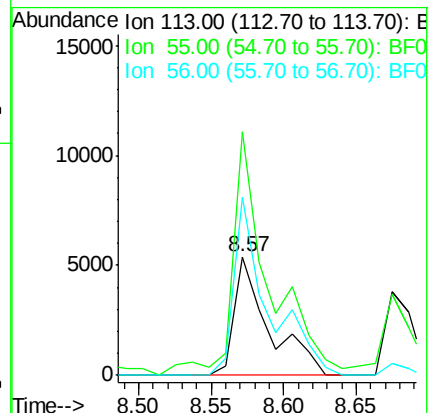
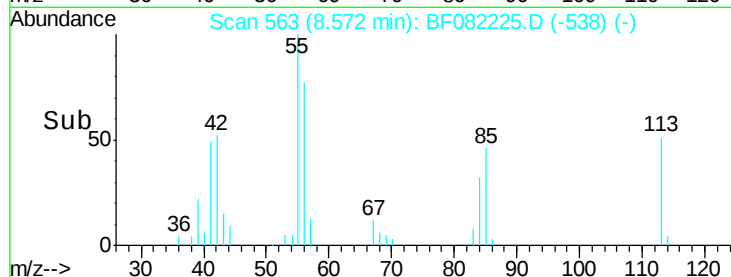
56 150.5 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.03 ng

RT: 8.67 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

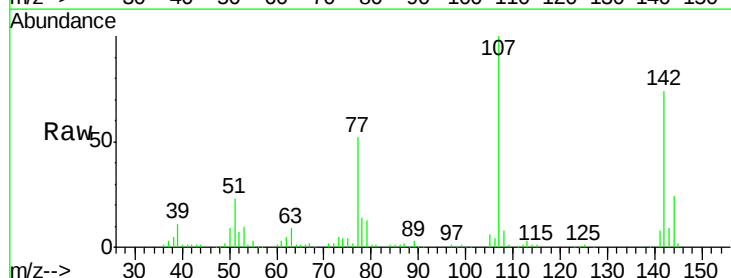
Tgt Ion:107 Resp: 175680

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

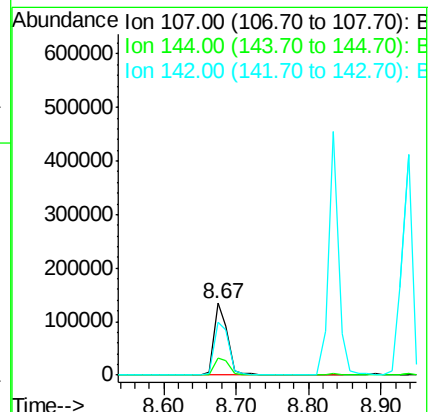
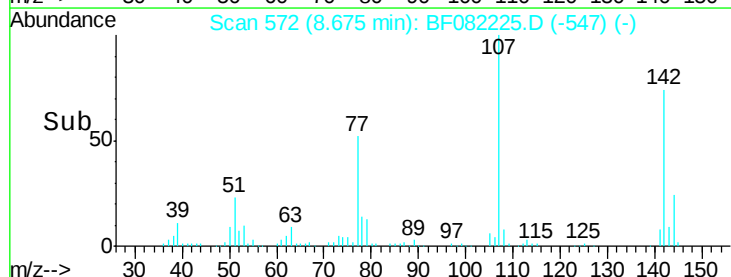
142 74.2 59.9 89.9

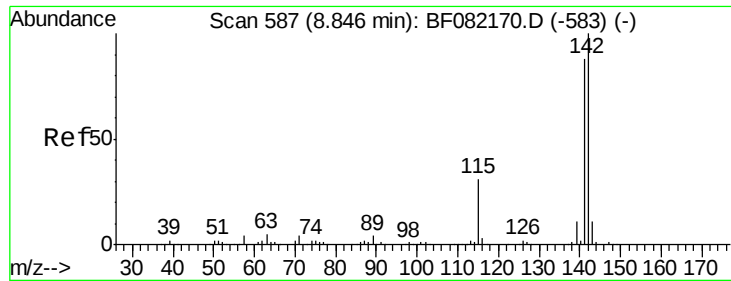


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

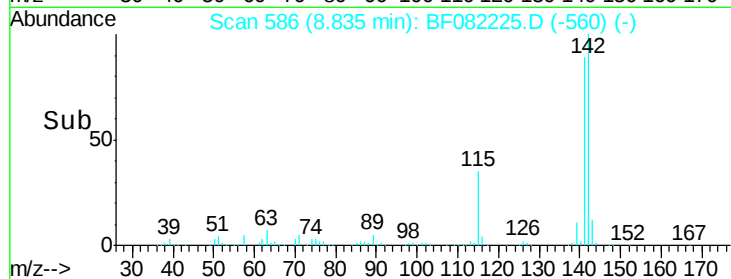
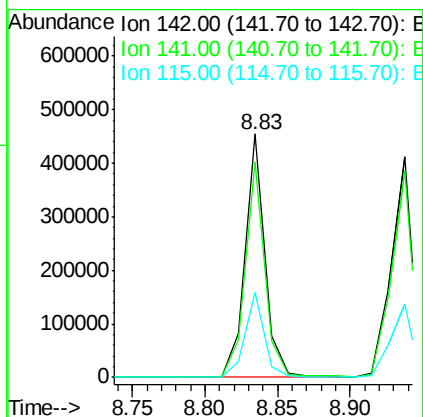
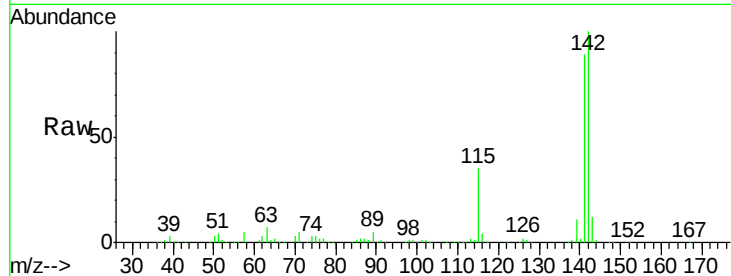




#37
2-Methylnaphthalene
Concen: 52.86 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

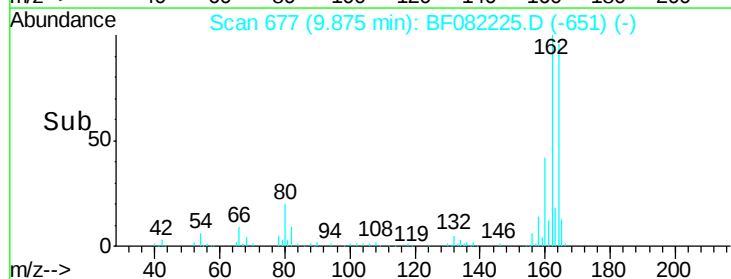
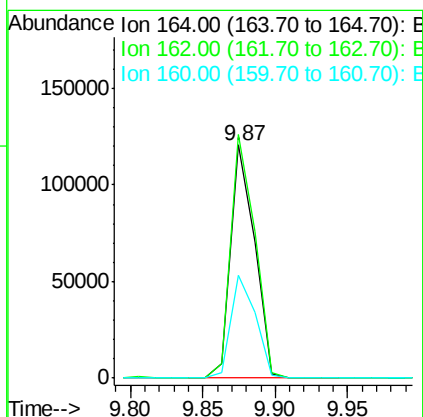
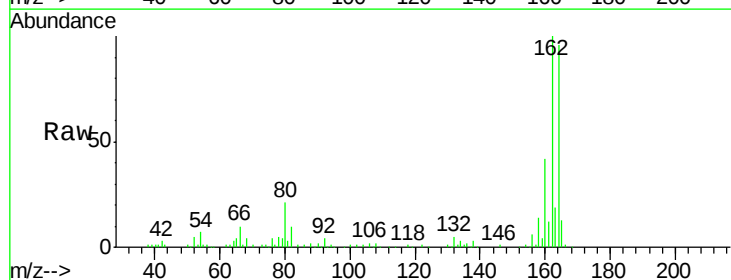
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

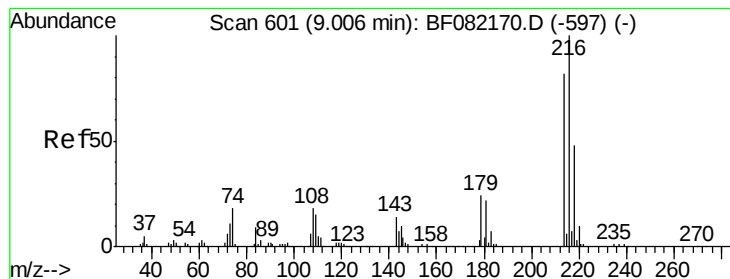
Tot Ion:142 Resp: 431439
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 35.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:164 Resp: 138106
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 44.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.33 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

Tot Ion:216 Resp: 219064

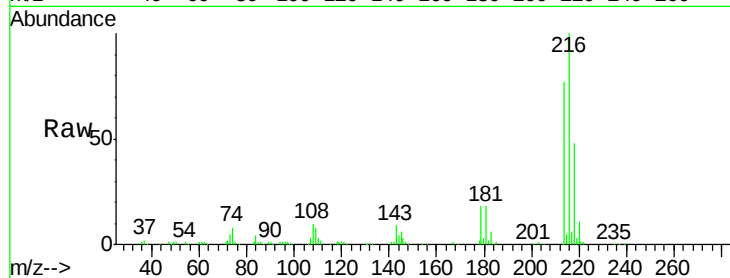
Ion Ratio Lower Upper

216 100

214 78.5 64.6 97.0

179 20.0 17.6 26.4

108 16.7 14.5 21.7

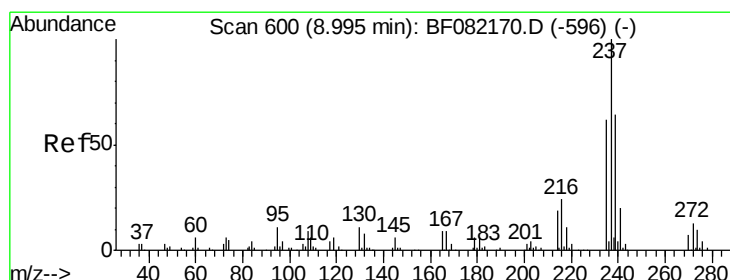
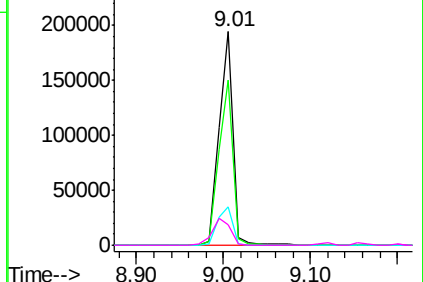
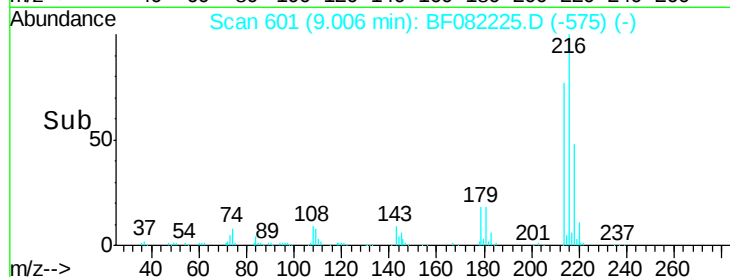


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.29 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

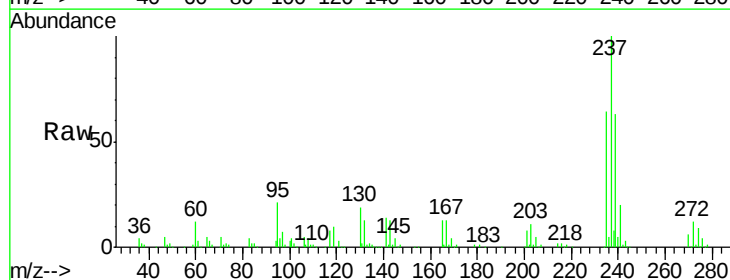
Tgt Ion:237 Resp: 166958

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

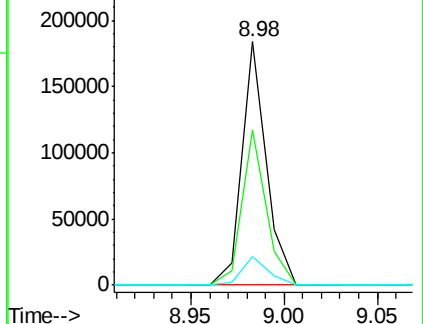
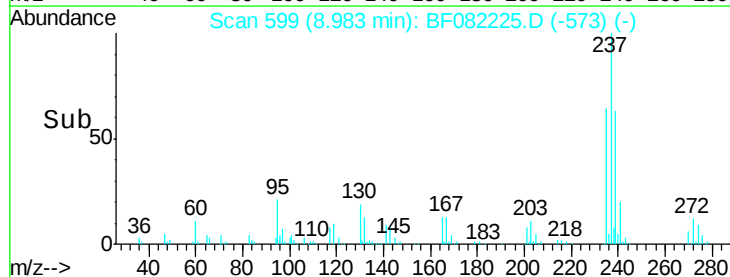
272 11.5 0.0 32.8

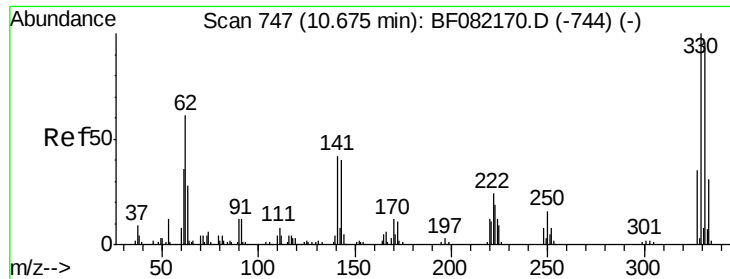


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

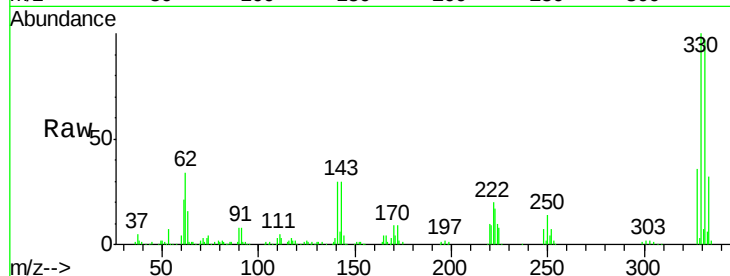




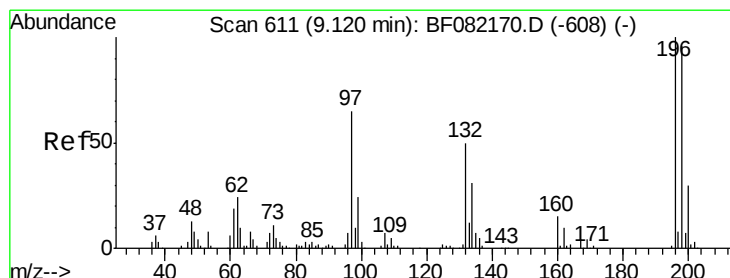
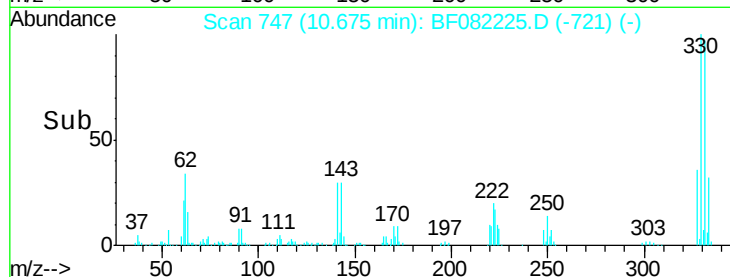
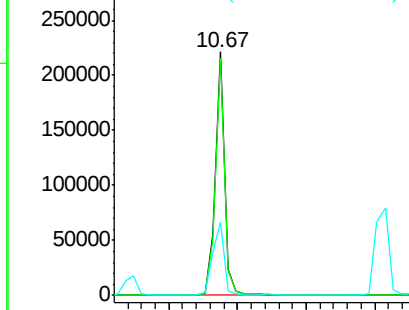
#41
 2,4,6-Tribromophenol
 Concen: 166.50 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.1	29.8	44.8

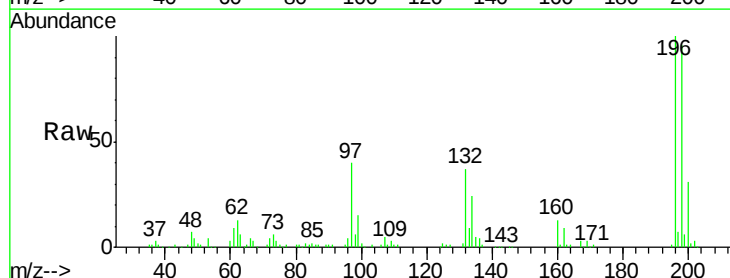


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

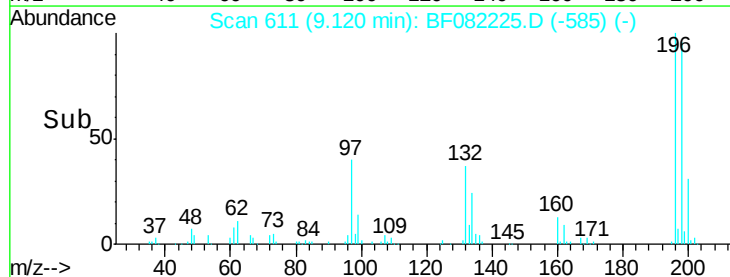
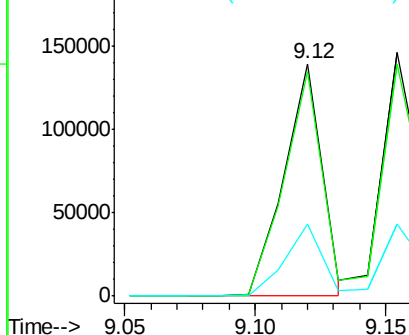


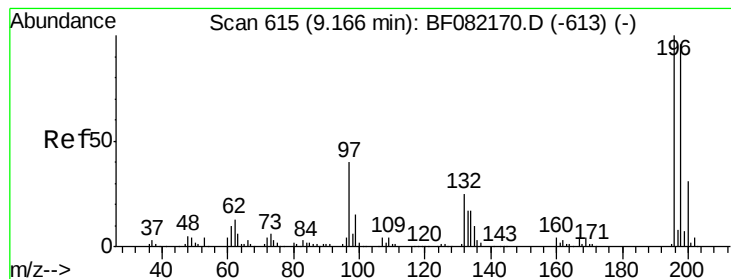
#42
 2,4,6-Trichlorophenol
 Concen: 51.78 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	115.0
200	30.9	23.7	35.5



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





#43

2,4,5-Trichlorophenol

Concen: 54.55 ng

RT: 9.15 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

Tot Ion:196 Resp: 161230

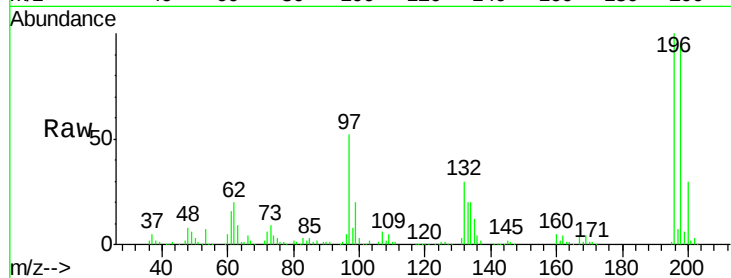
Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.4

97 52.3 31.9 47.9#

132 30.5 20.3 30.5

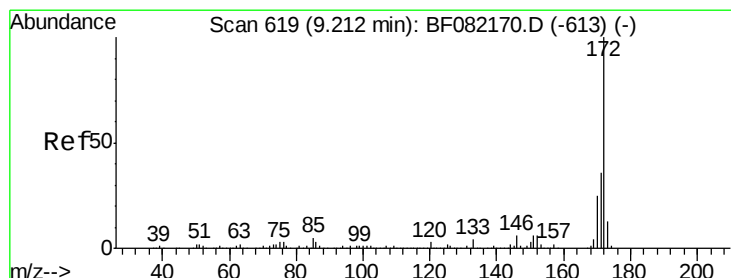
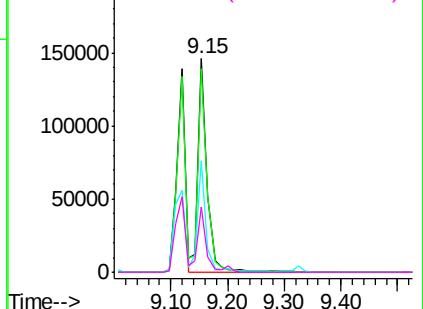
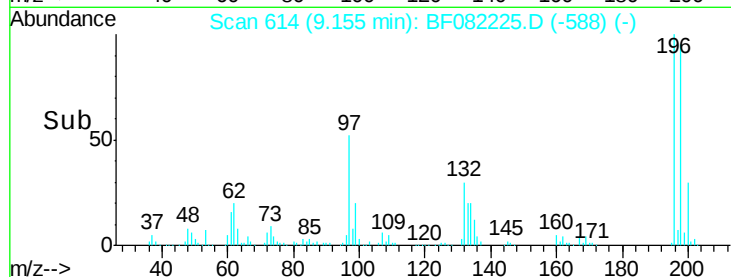


Abundance Ion 196.00 (195.70 to 196.70): E

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: 103.93 ng

RT: 9.20 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

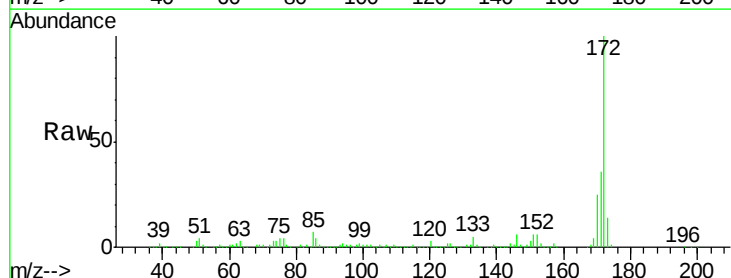
Tgt Ion:172 Resp: 865526

Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

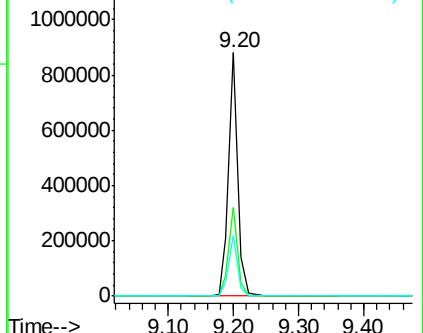
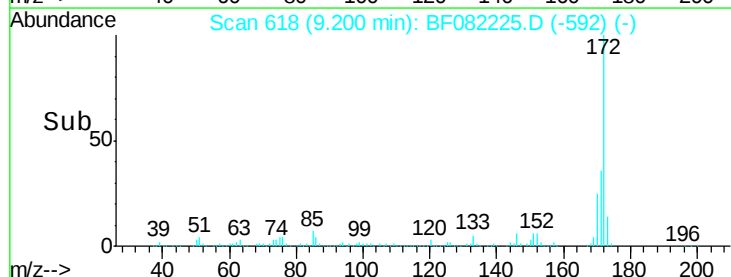
170 25.0 19.7 29.5



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

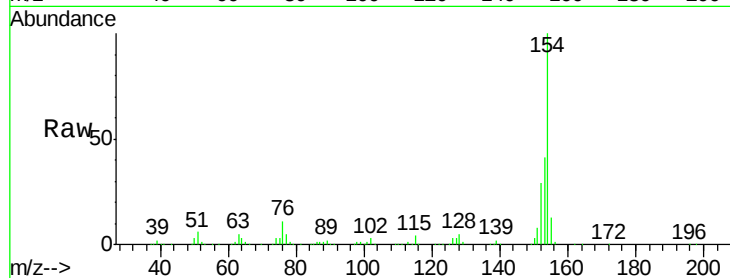




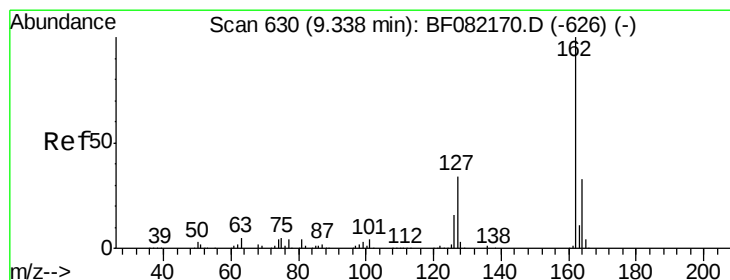
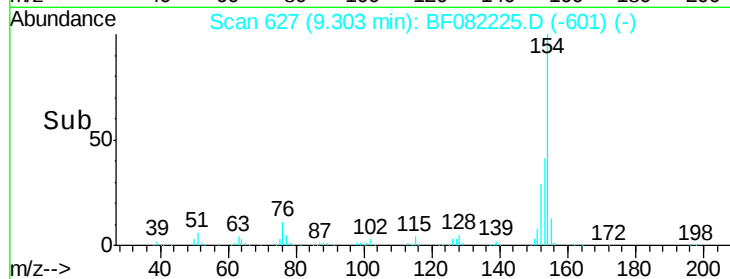
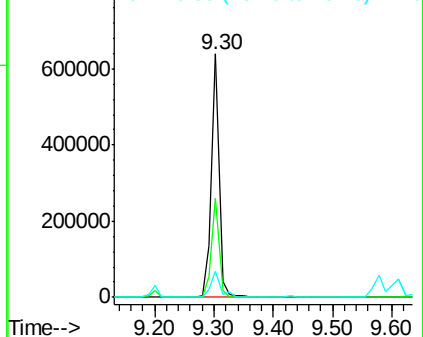
#45
 1,1'-Biphenyl
 Concen: 55.07 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:154 Resp: 579976
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 10.6 0.0 35.2

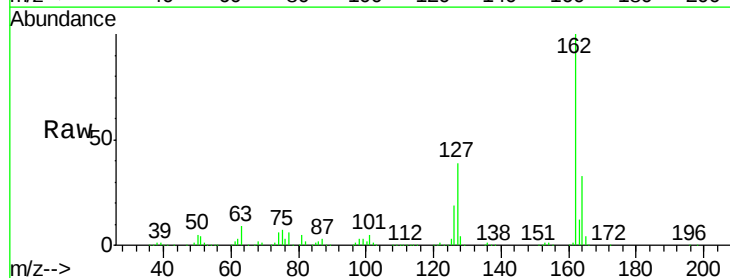


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

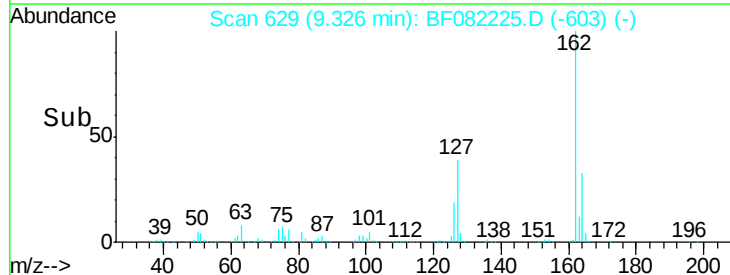
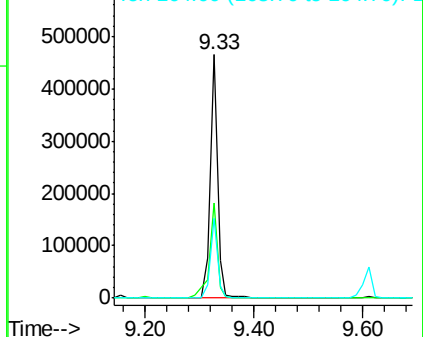


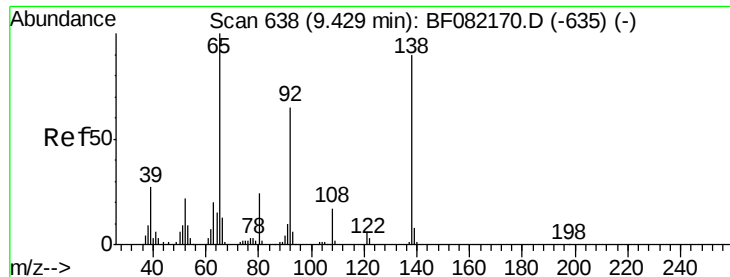
#46
 2-Chloronaphthalene
 Concen: 52.93 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:162 Resp: 438832
 Ion Ratio Lower Upper
 162 100
 127 39.2 27.5 41.3
 164 33.0 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

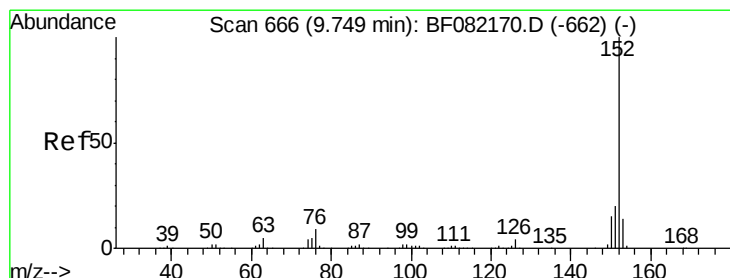
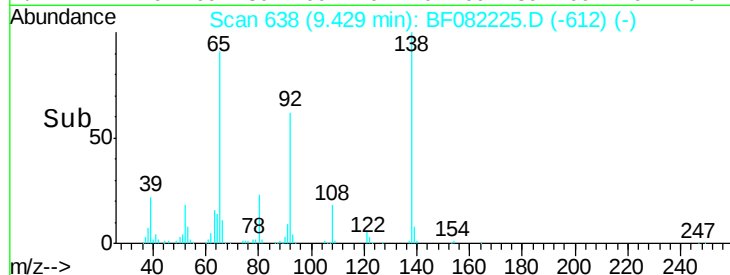
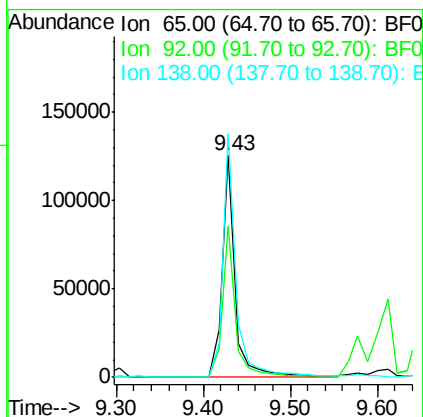
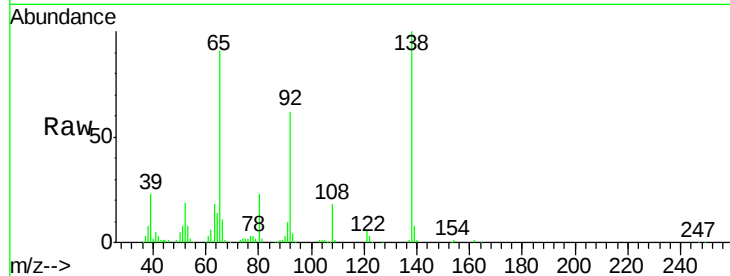




#47
2-Nitroaniline
Concen: 59.17 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

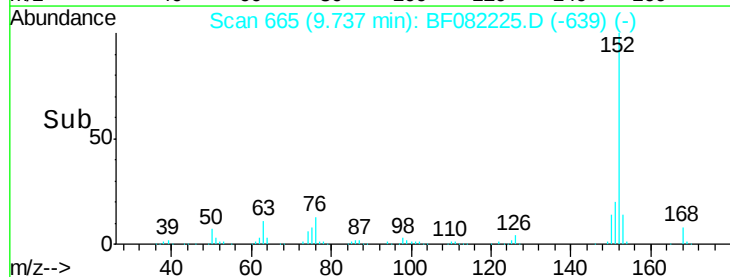
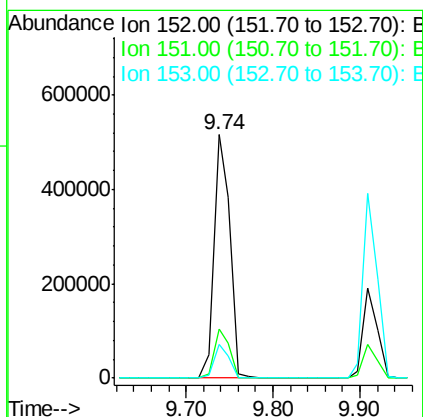
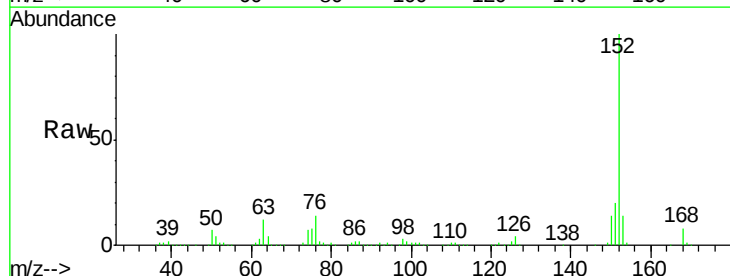
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

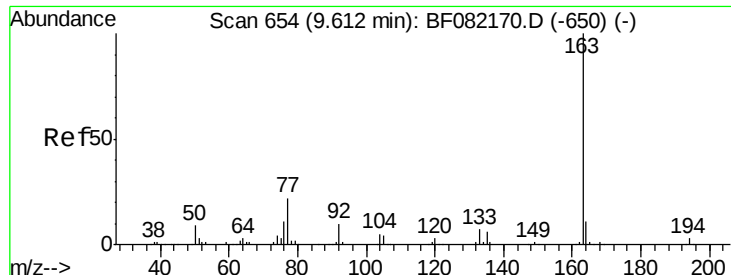
Tot Ion: 65 Resp: 134678
Ion Ratio Lower Upper
65 100
92 68.6 52.3 78.5
138 109.9 72.2 108.4#



#48
Acenaphthylene
Concen: 51.56 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion: 152 Resp: 665901
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 63.61 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

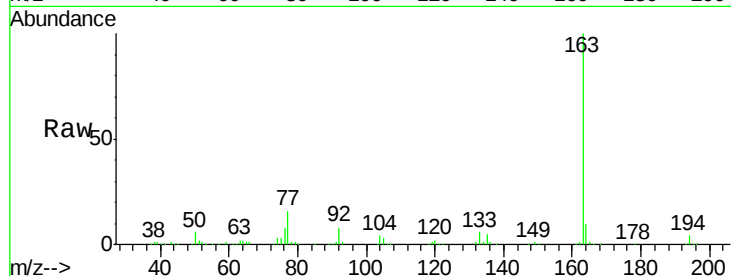
Tot Ion:163 Resp: 618648

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

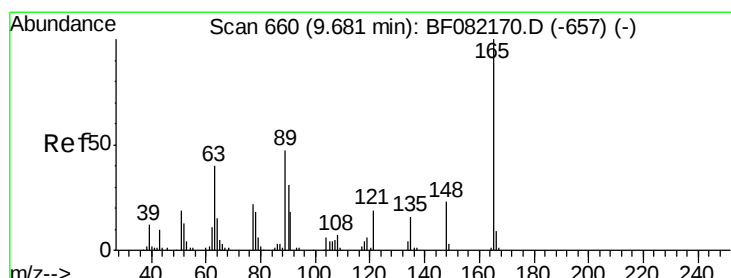
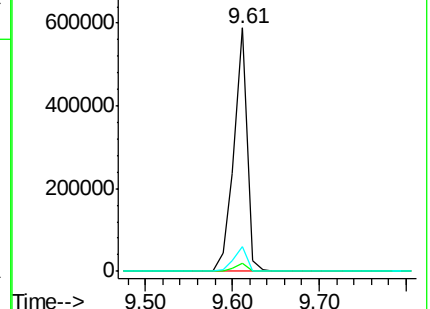
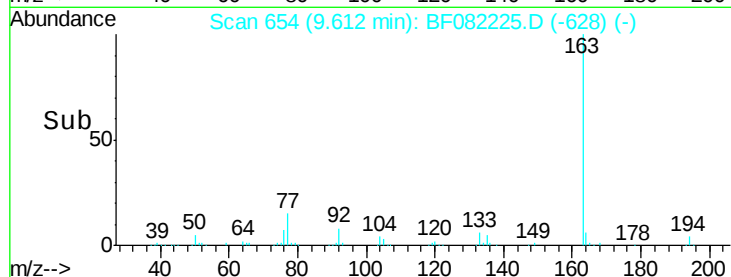
164 10.2 8.5 12.7



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: 52.85 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

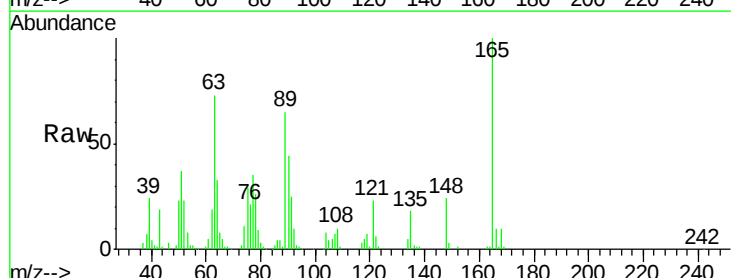
Tgt Ion:165 Resp: 108449

Ion Ratio Lower Upper

165 100

63 72.6 36.7 55.1#

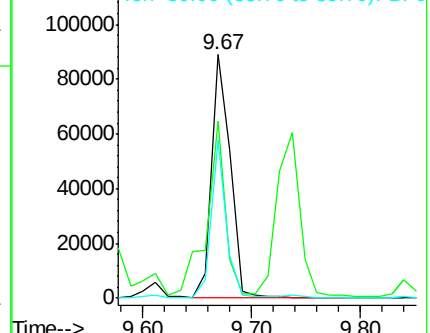
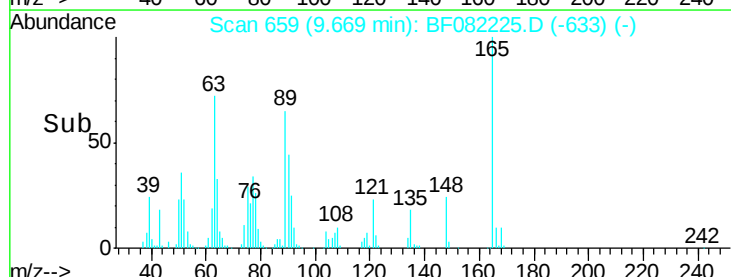
89 64.8 37.8 56.6#

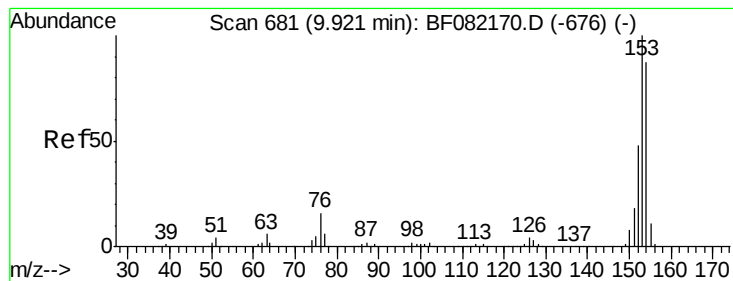


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.17 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

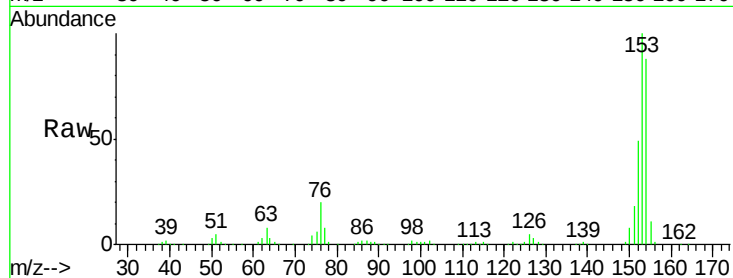
Tot Ion:154 Resp: 404479

Ion Ratio Lower Upper

154 100

153 113.1 91.4 137.2

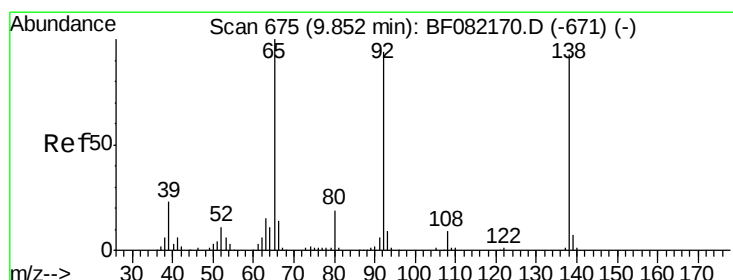
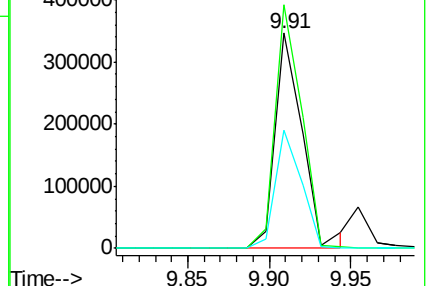
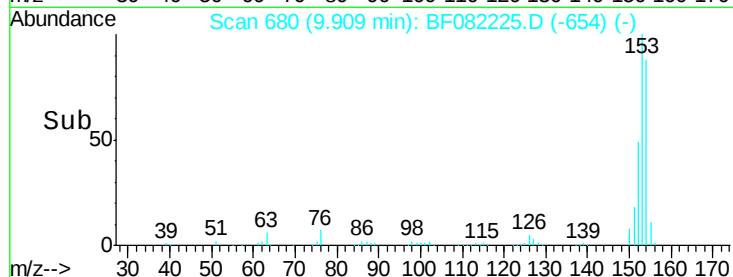
152 55.0 44.3 66.5



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: 20.39 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

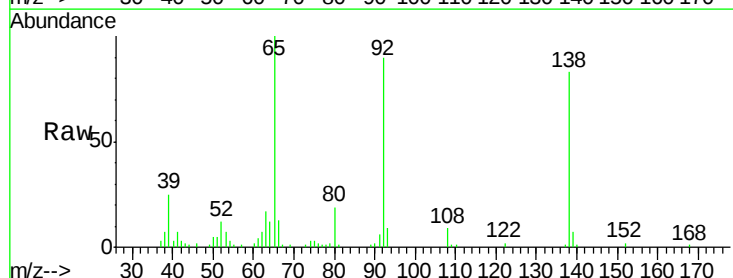
Tgt Ion:138 Resp: 47266

Ion Ratio Lower Upper

138 100

108 10.5 7.4 11.0

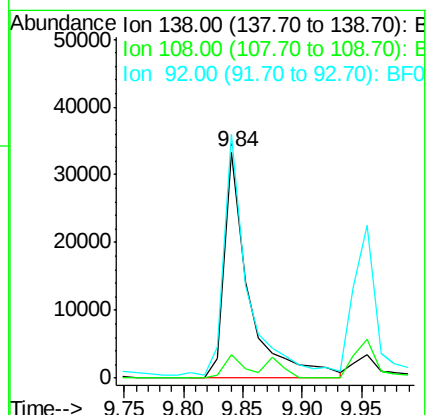
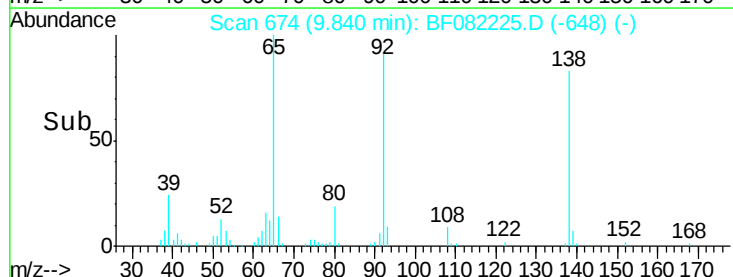
92 107.9 81.3 121.9



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

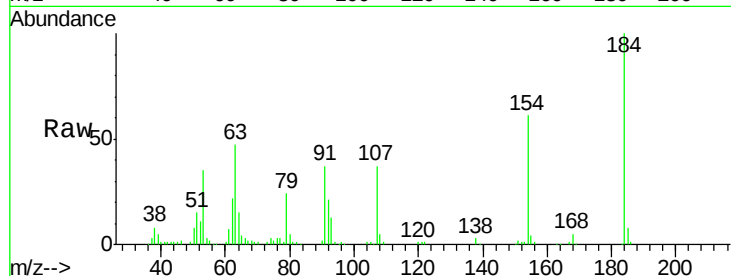




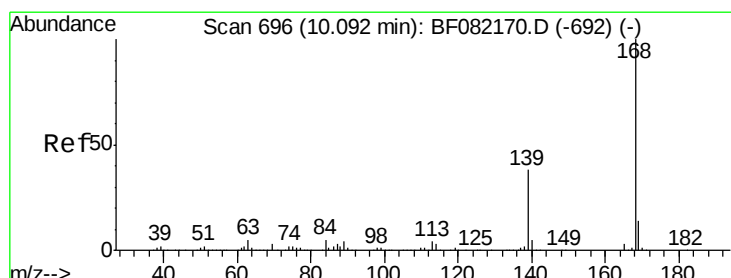
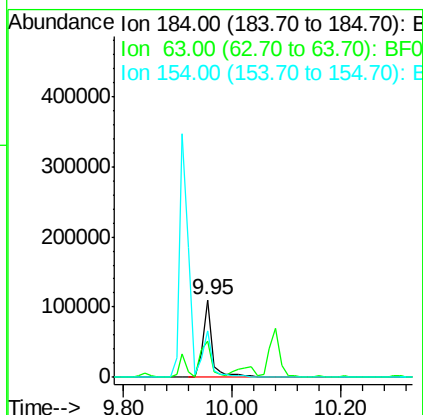
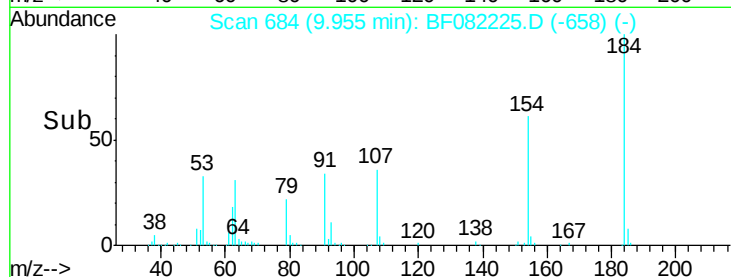
#53
2,4-Dinitrophenol
Concen: 111.62 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:184 Resp: 131135
Ion Ratio Lower Upper
184 100
63 47.1 45.1 67.7
154 60.6 51.2 76.8

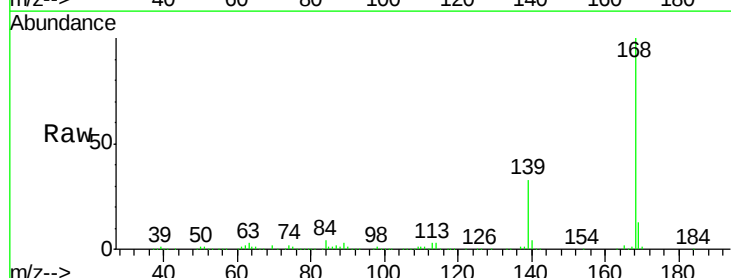


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

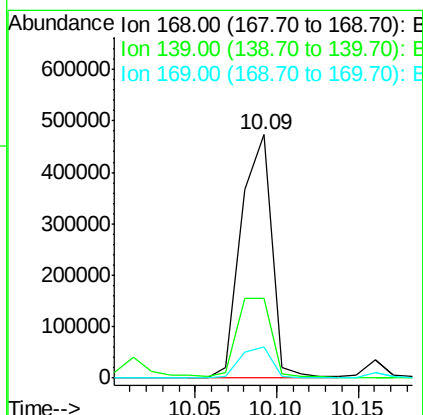
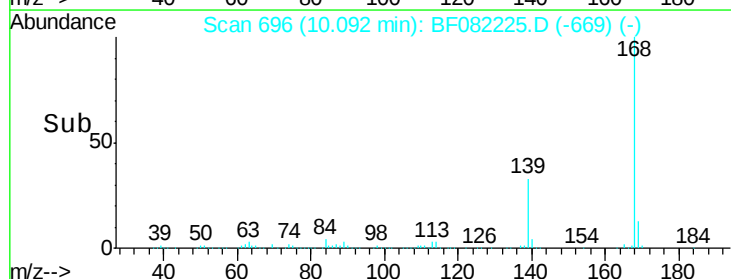


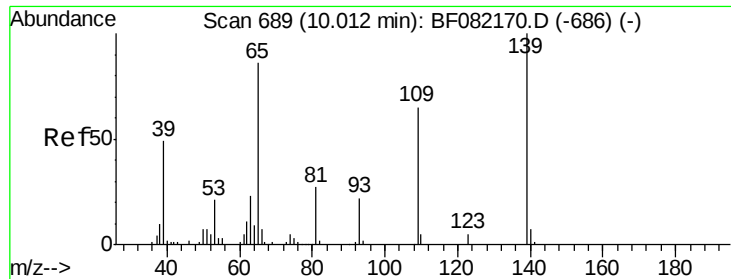
#54
Dibenzofuran
Concen: 57.85 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:168 Resp: 615800
Ion Ratio Lower Upper
168 100
139 33.0 31.0 46.6
169 12.9 10.9 16.3



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

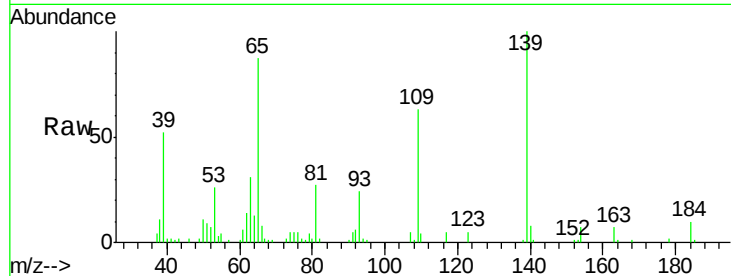




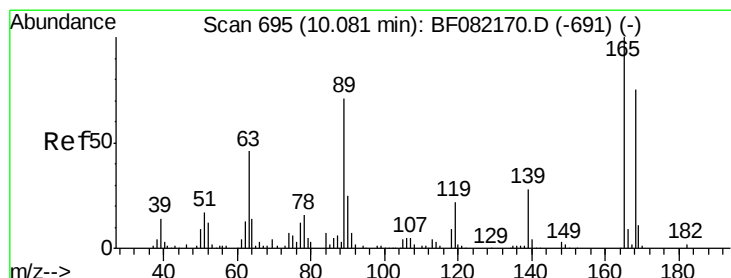
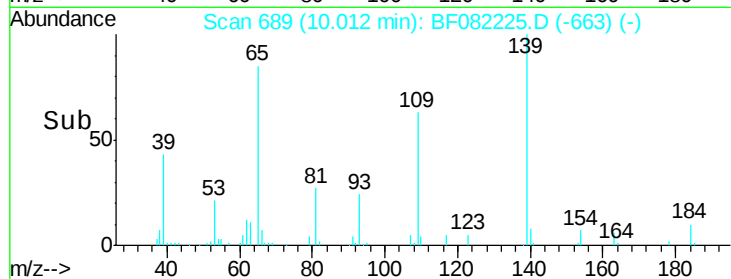
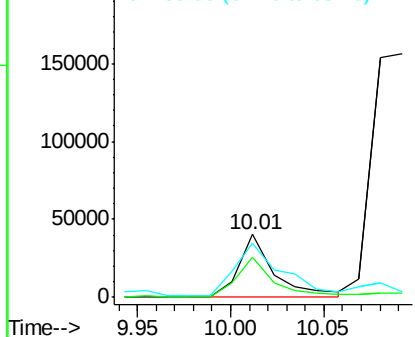
#55
4-Nitrophenol
Concen: 42.09 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:139 Resp: 54808
Ion Ratio Lower Upper
139 100
109 62.9 44.8 84.8
65 87.1 67.7 107.7

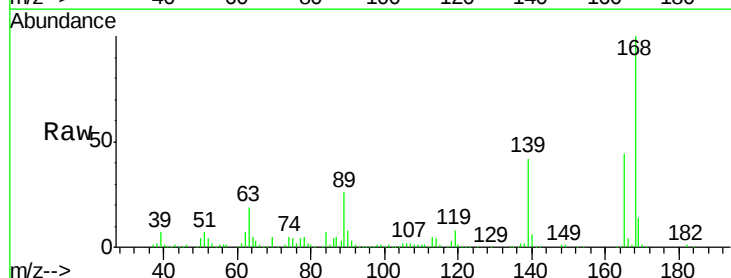


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

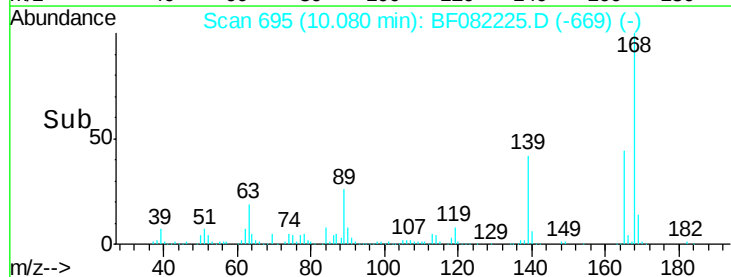
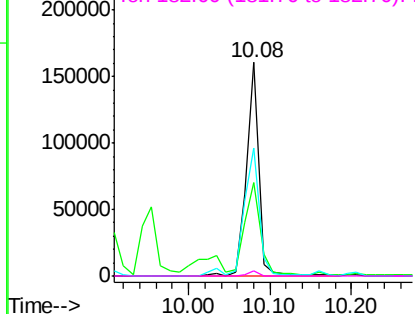


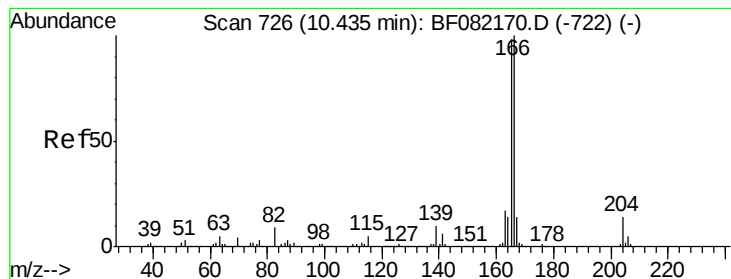
#56
2,4-Dinitrotoluene
Concen: 66.34 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:165 Resp: 170150
Ion Ratio Lower Upper
165 100
63 44.0 38.6 58.0
89 59.7 57.0 85.6
182 2.2 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: 55.38 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

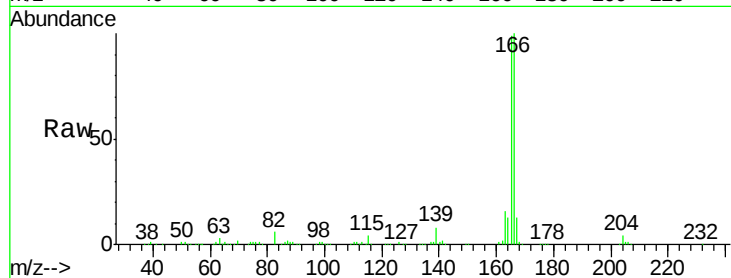
Tot Ion:166 Resp: 484190

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

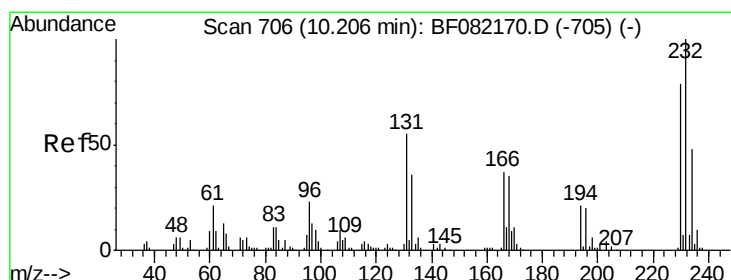
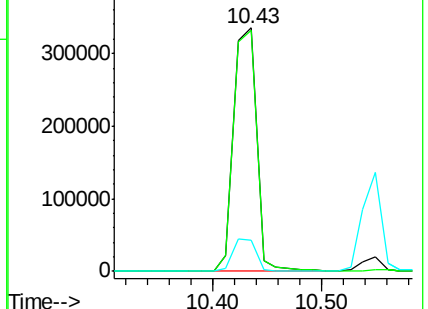
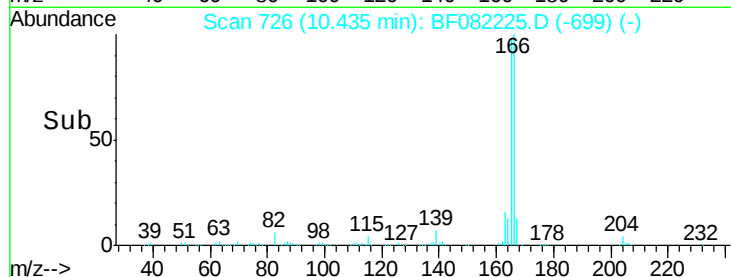
167 12.8 10.8 16.2



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: 59.73 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion:232 Resp: 144250

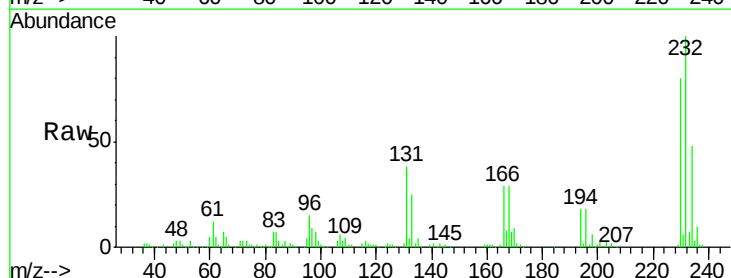
Ion Ratio Lower Upper

232 100

131 42.2 36.6 54.8

130 1.9 1.5 2.3

166 29.0 24.6 37.0

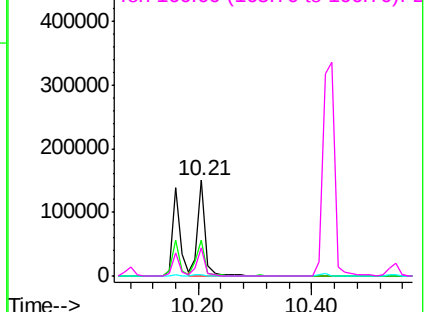
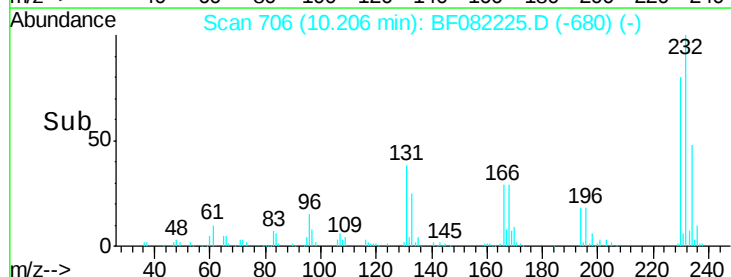


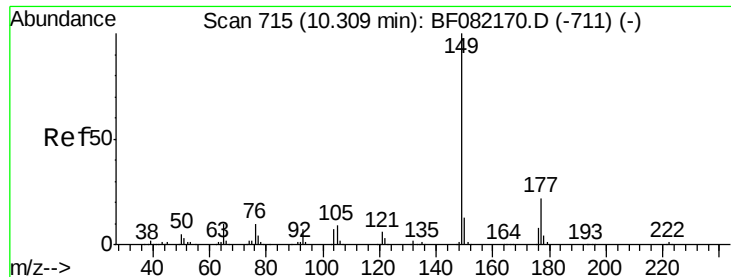
Abundance Ion 232.00 (231.70 to 232.70): E

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

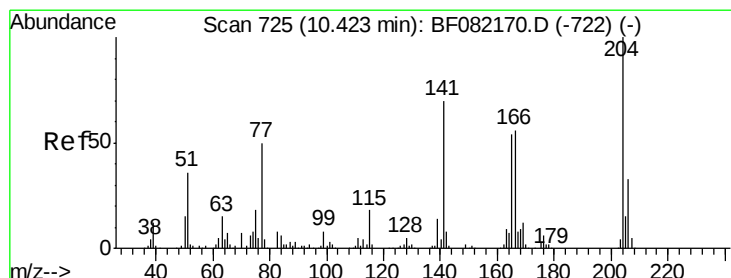
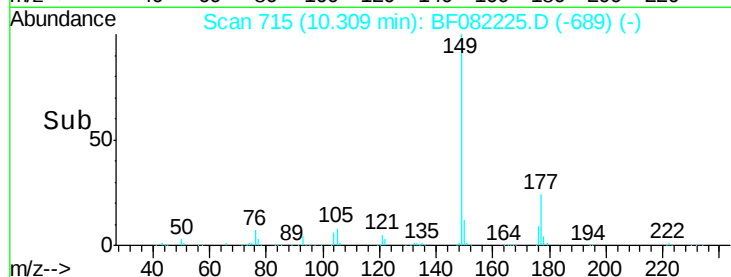
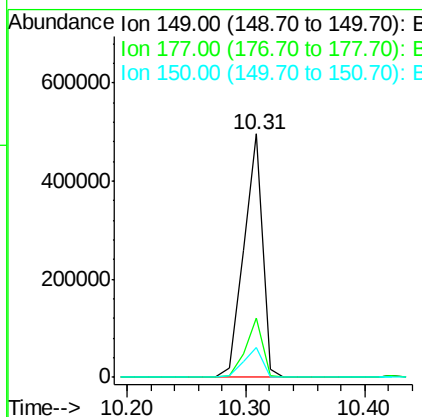
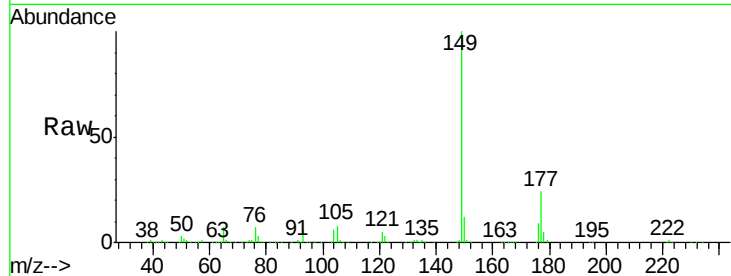




#59
Diethylphthalate
Concen: 60.11 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

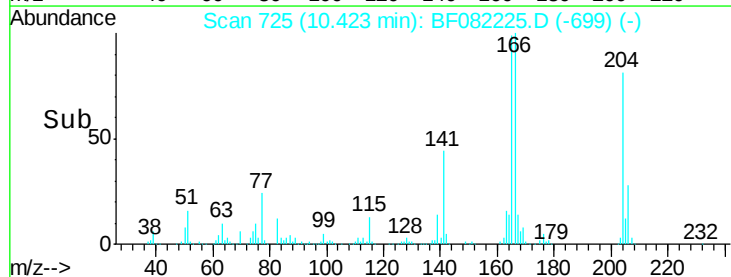
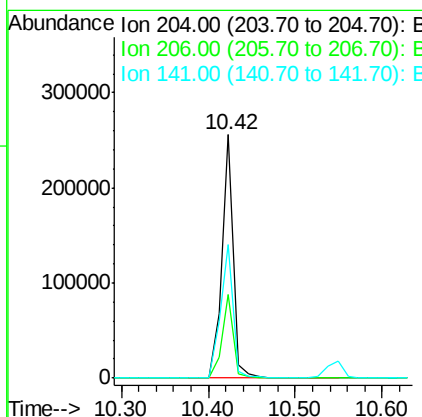
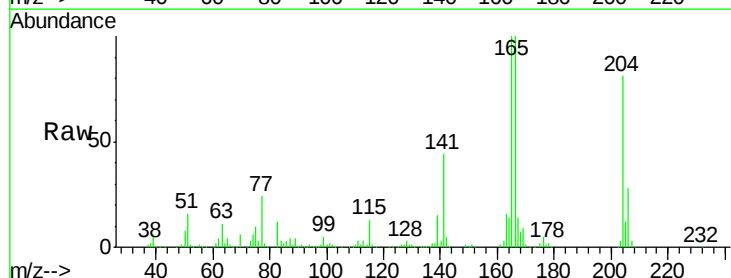
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:149 Resp: 544914
Ion Ratio Lower Upper
149 100
177 24.3 17.6 26.4
150 12.5 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 59.47 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:204 Resp: 238155
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 54.7 56.1 84.1#





#61

4-Nitroaniline

Concen: 49.76 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

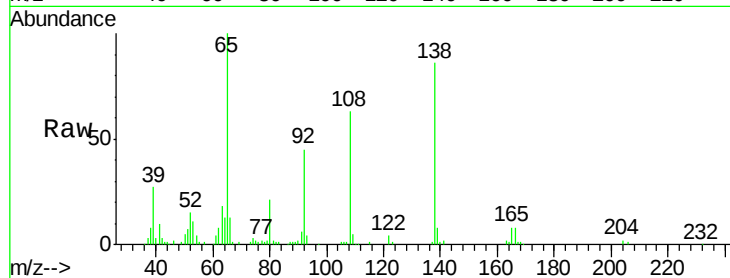
Tot Ion:138 Resp: 111883

Ion Ratio Lower Upper

138 100

92 51.8 26.8 66.8

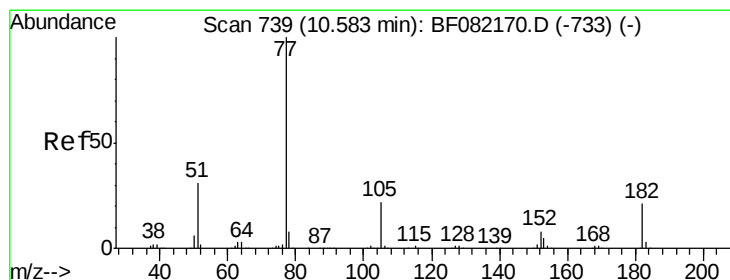
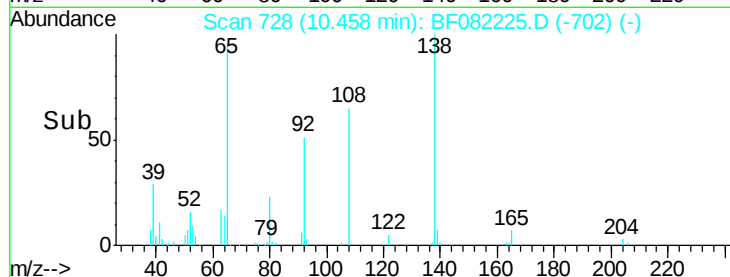
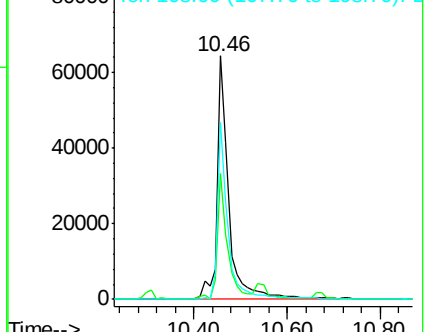
108 72.5 48.4 88.4



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: 59.71 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Tgt Ion: 77 Resp: 529716

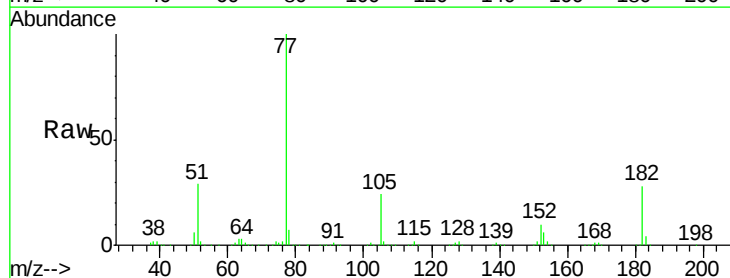
Ion Ratio Lower Upper

77 100

182 27.9 0.5 40.5

105 24.1 1.8 41.8

51 28.8 11.2 51.2

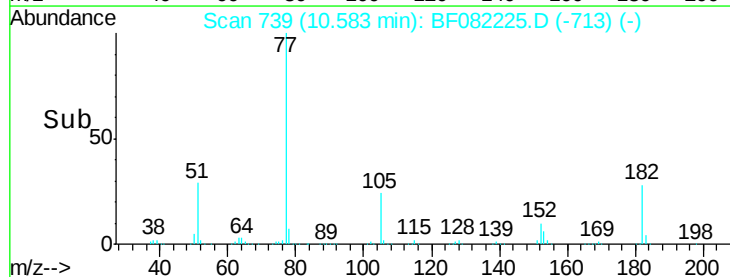
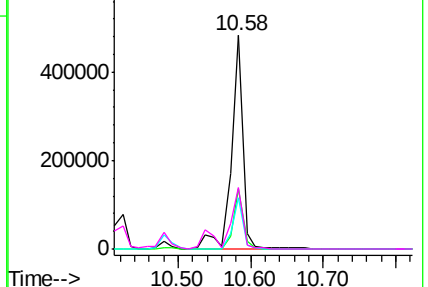


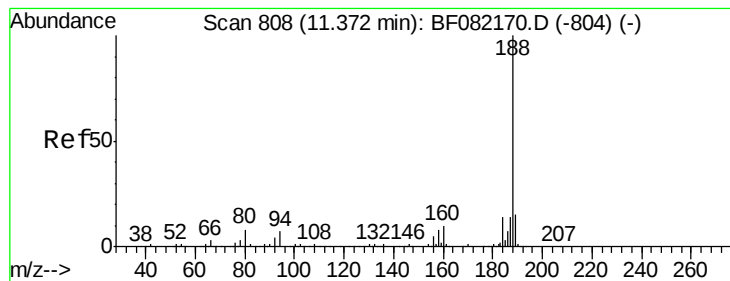
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

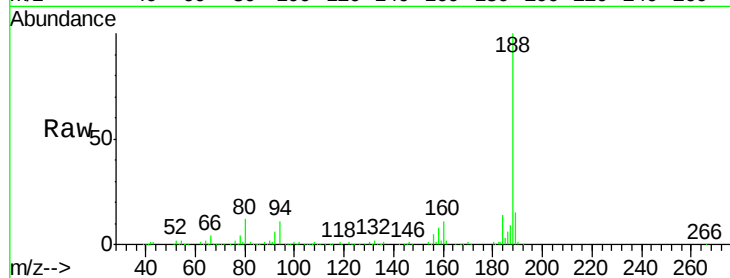
Tot Ion:188 Resp: 275530

Ion Ratio Lower Upper

188 100

94 11.1 5.8 8.6#

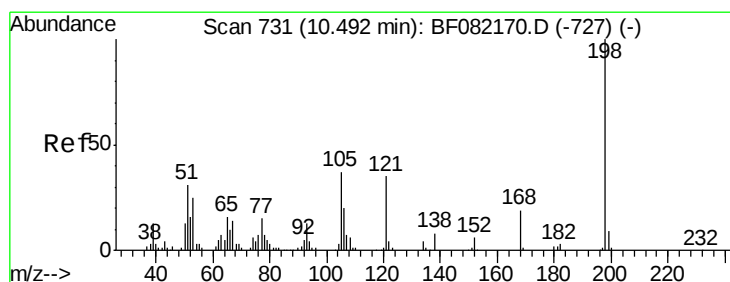
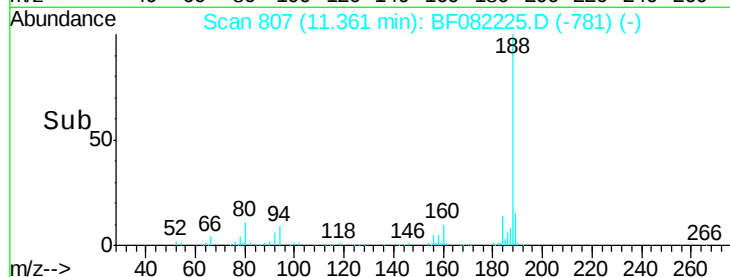
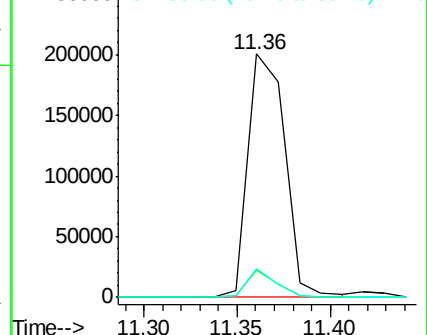
80 11.8 6.4 9.6#



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: 54.45 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

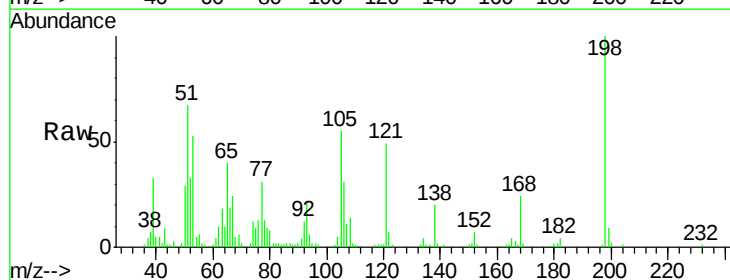
Tgt Ion:198 Resp: 84189

Ion Ratio Lower Upper

198 100

51 67.2 13.6 53.6#

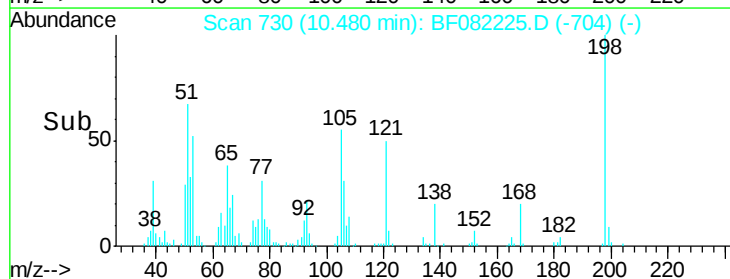
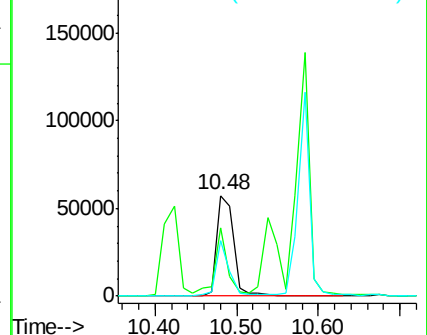
105 54.8 17.1 57.1

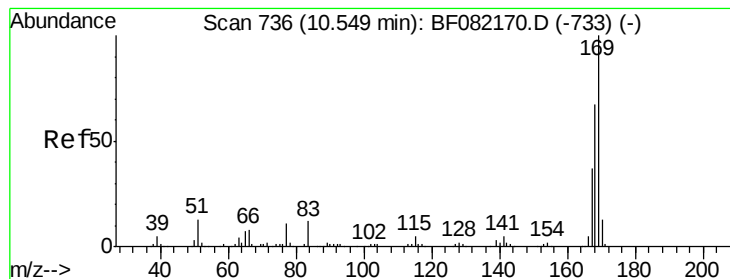


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

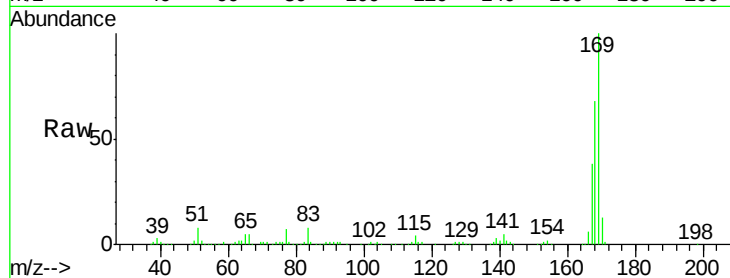




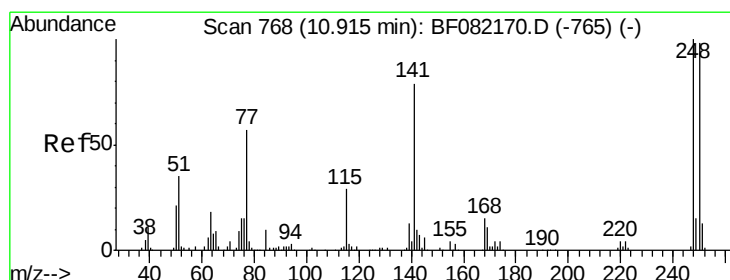
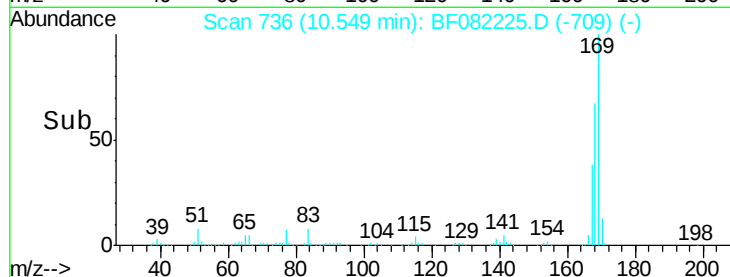
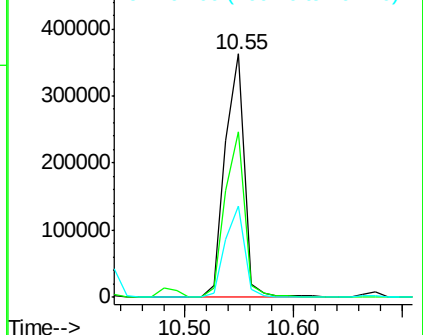
#65
n-Nitrosodiphenylamine
Concen: 53.87 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:169 Resp: 444425
Ion Ratio Lower Upper
169 100
168 67.7 54.0 81.0
167 37.5 29.6 44.4

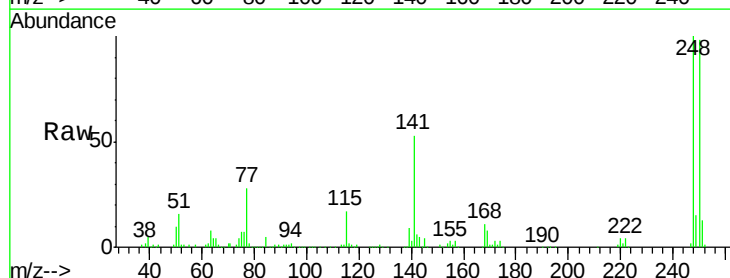


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

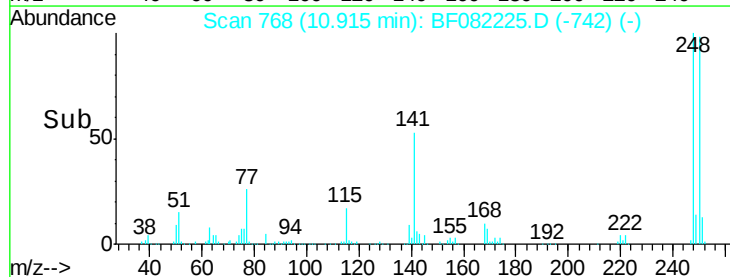
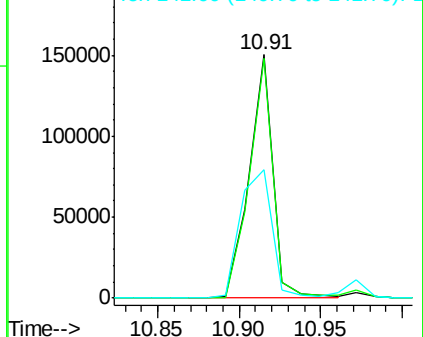


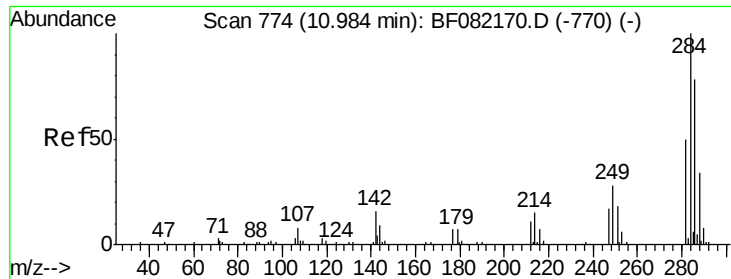
#66
4-Bromophenyl-phenylether
Concen: 55.10 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:248 Resp: 151935
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 52.7 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

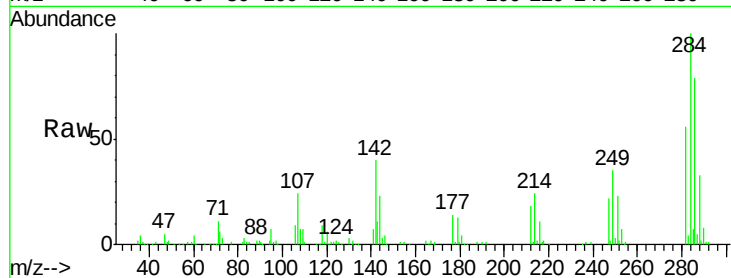




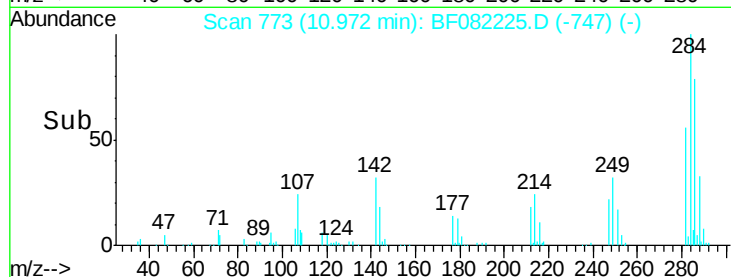
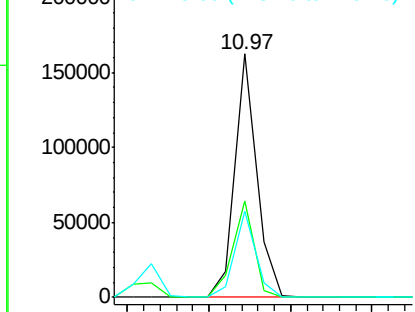
#67
Hexachlorobenzene
Concen: 50.21 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:284 Resp: 149723
Ion Ratio Lower Upper
284 100
142 39.6 13.0 19.6#
249 35.3 22.5 33.7#

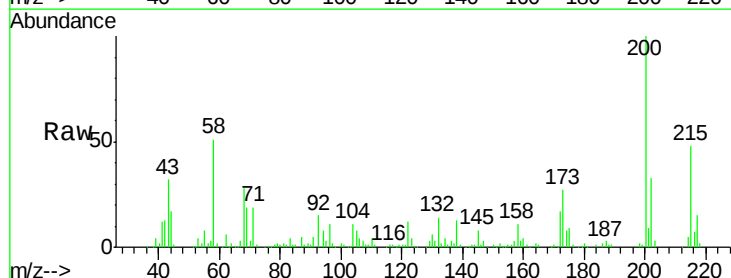


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

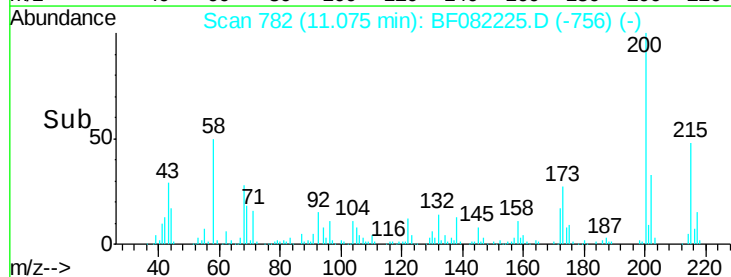
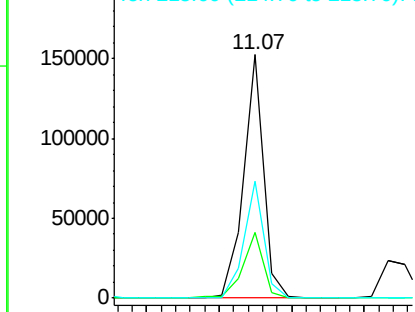


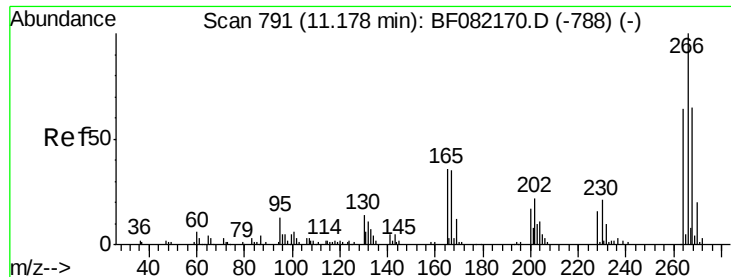
#68
Atrazine
Concen: 55.73 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:200 Resp: 145664
Ion Ratio Lower Upper
200 100
173 27.0 7.3 47.3
215 47.8 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

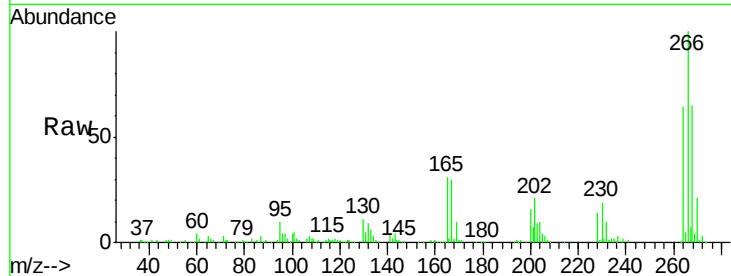




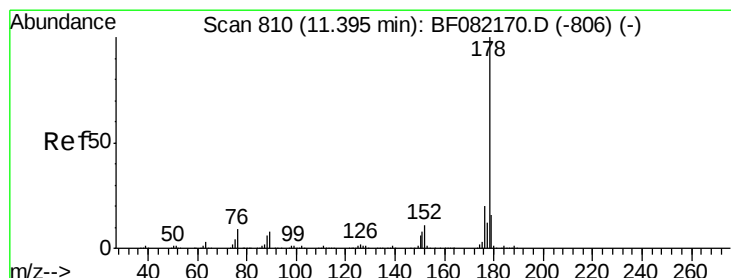
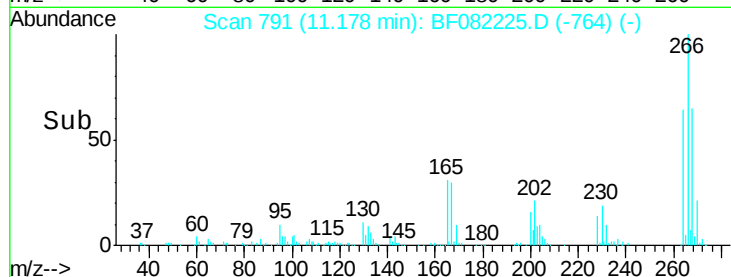
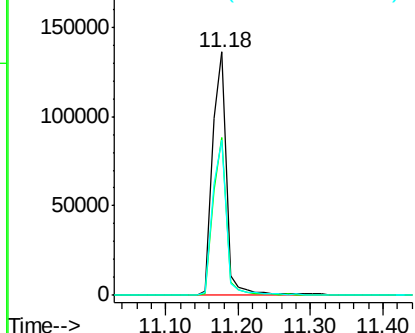
#69
 Pentachlorophenol
 Concen: 118.84 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:266 Resp: 182368
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.0 78.0
 264 63.8 51.4 77.0

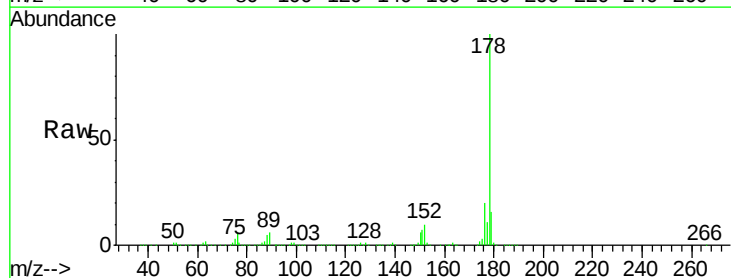


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

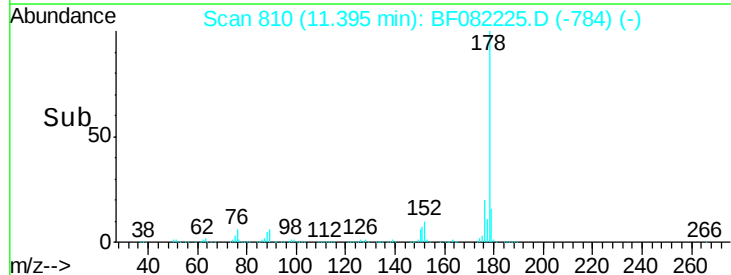
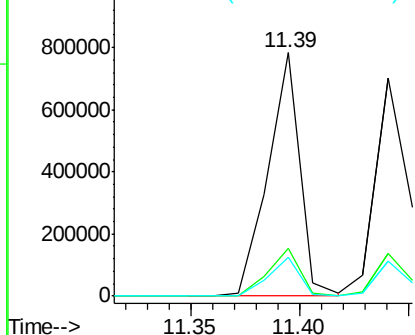


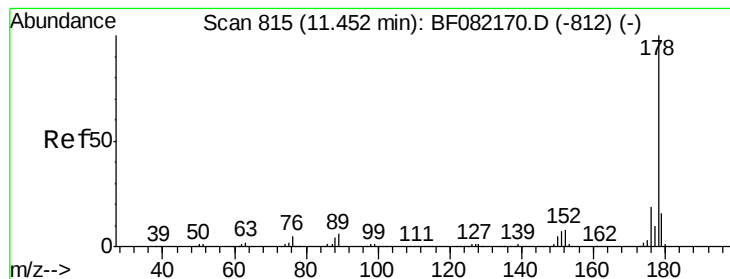
#70
 Phenanthrene
 Concen: 59.40 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:178 Resp: 802188
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.0 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: 55.56 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

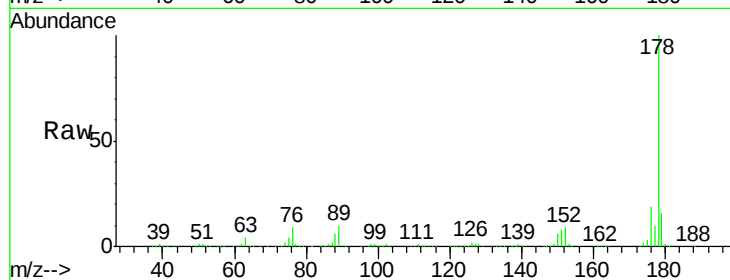
Tot Ion:178 Resp: 773245

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

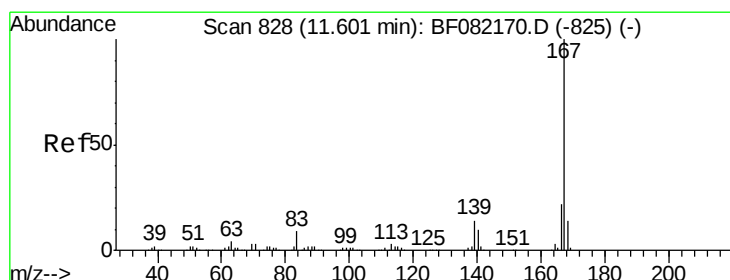
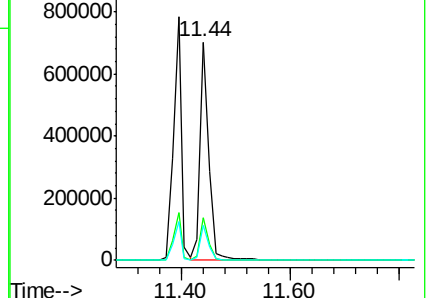
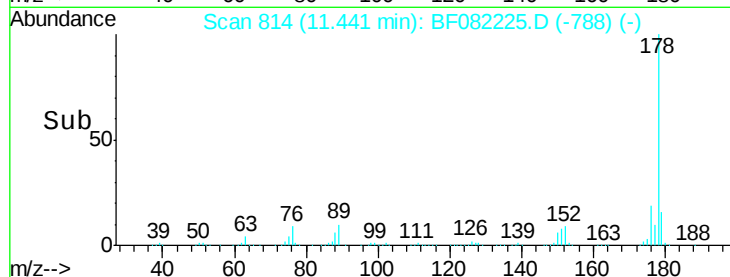
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 55.16 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

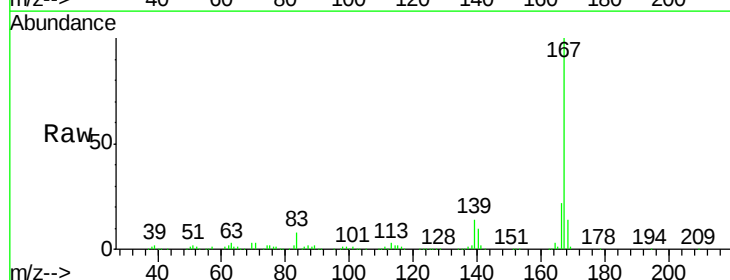
Tgt Ion:167 Resp: 700328

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

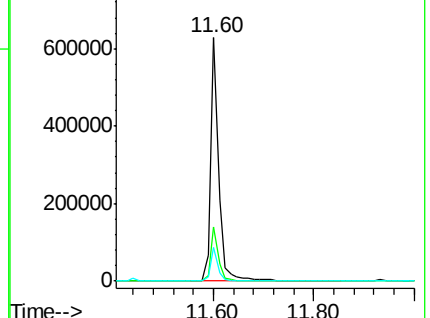
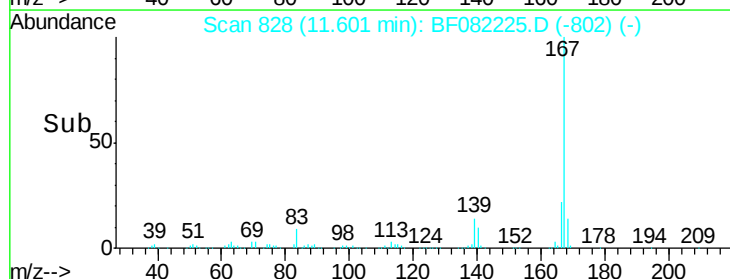
139 13.6 11.2 16.8

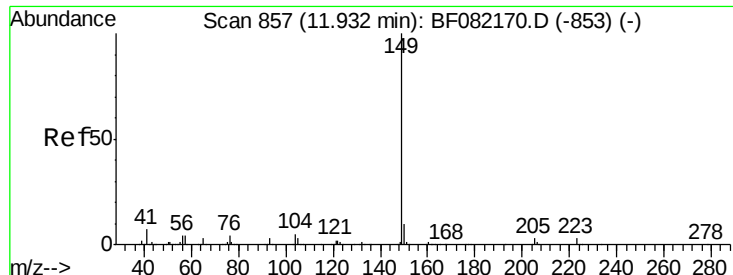


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

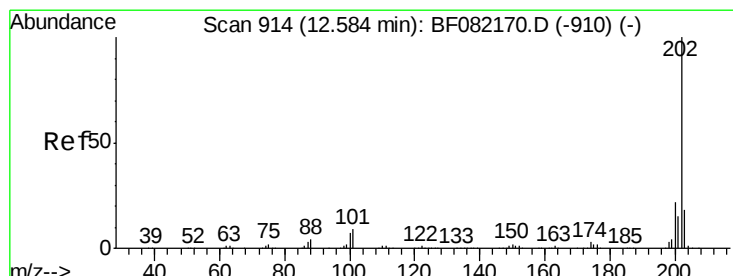
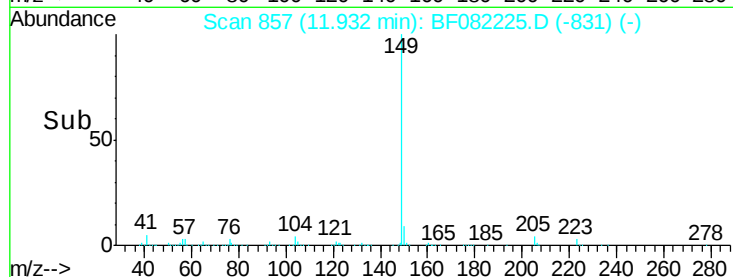
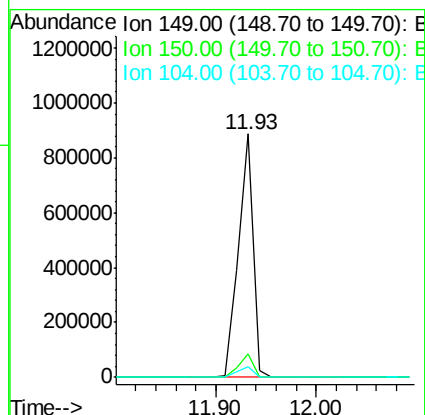
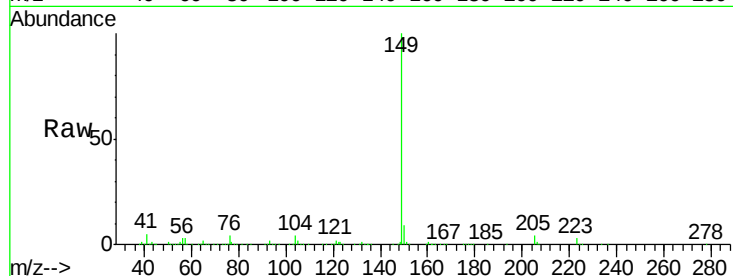




#73
Di-n-butylphthalate
Concen: 57.67 ng
RT: 11.93 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

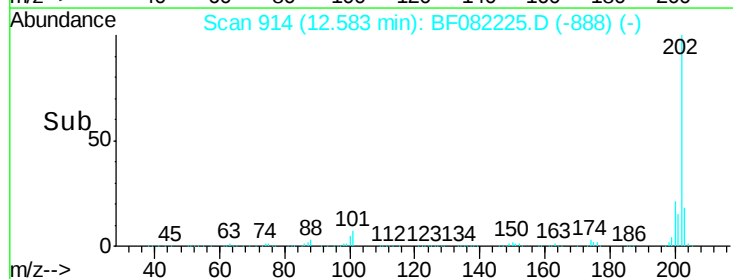
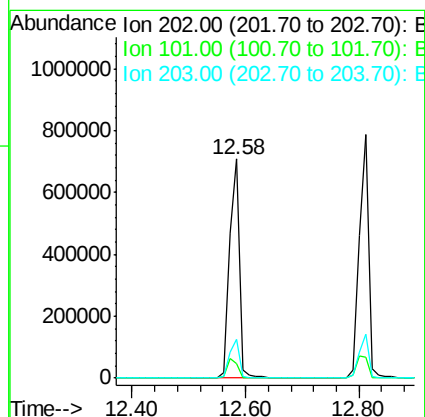
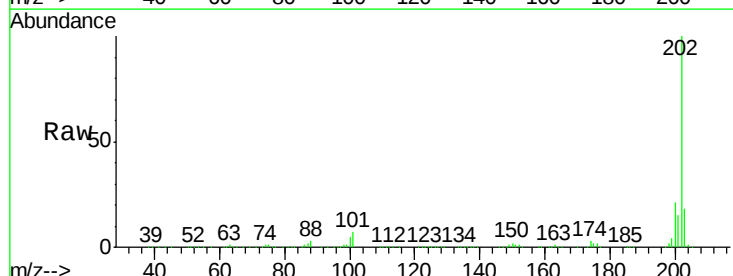
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

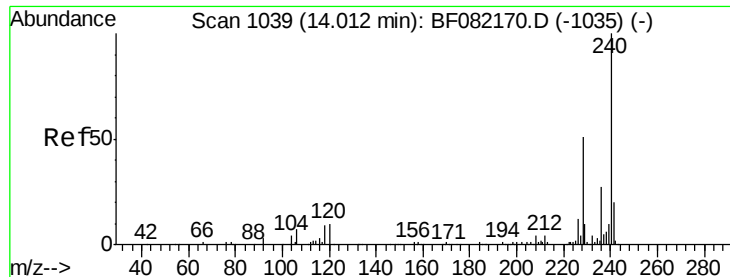
Tot Ion:149 Resp: 903253
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 59.95 ng
RT: 12.58 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:202 Resp: 869570
Ion Ratio Lower Upper
202 100
101 6.7 0.0 29.3
203 17.8 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MSD

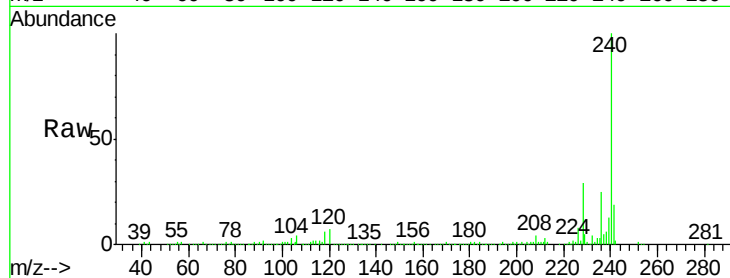
Tot Ion:240 Resp: 259402

Ion Ratio Lower Upper

240 100

120 6.6 8.1 12.1#

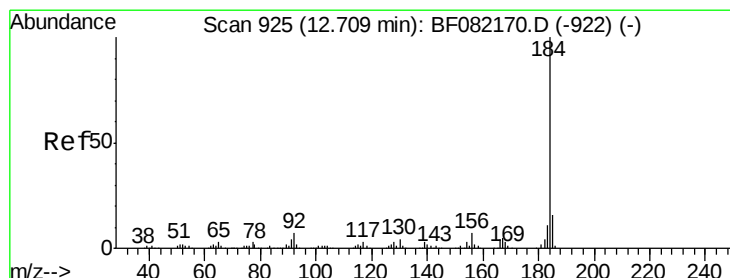
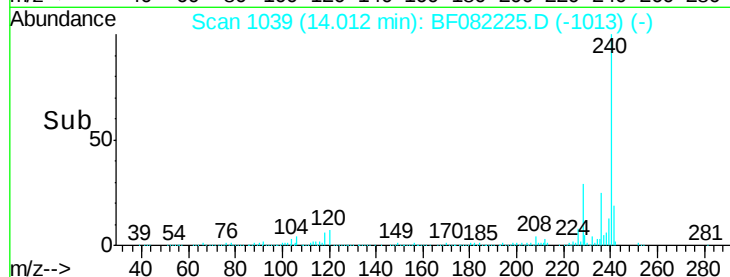
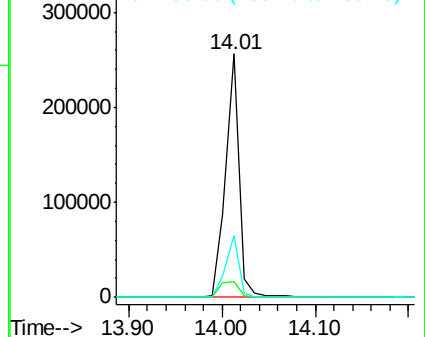
236 25.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.36 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF082225.D

Acq: 12 Oct 2015 17:40

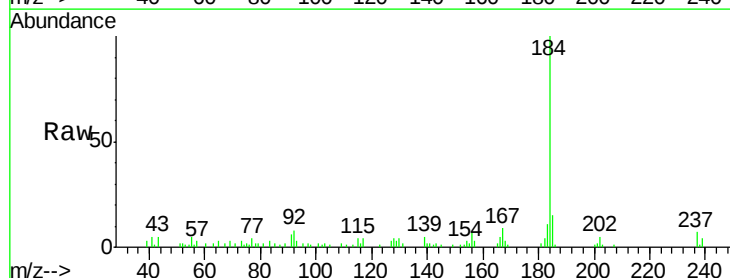
Tgt Ion:184 Resp: 55353

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

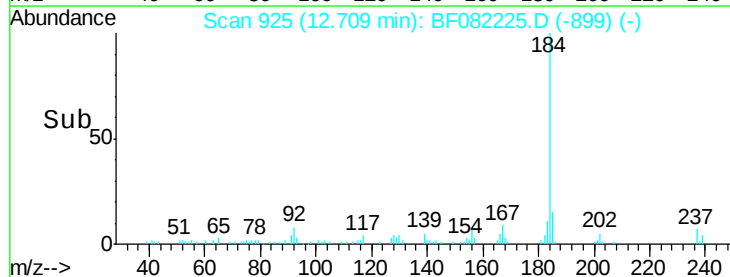
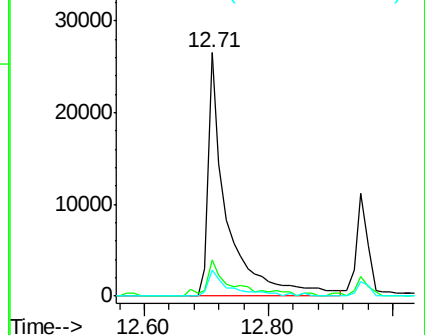
183 10.8 9.1 13.7

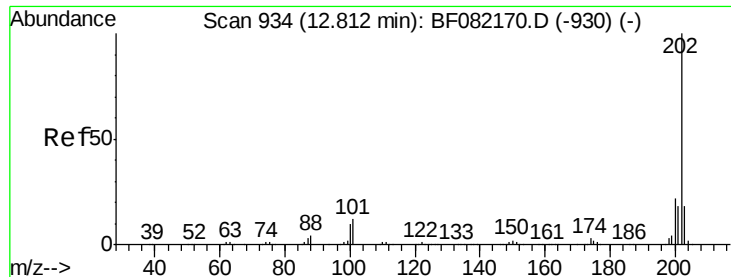


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

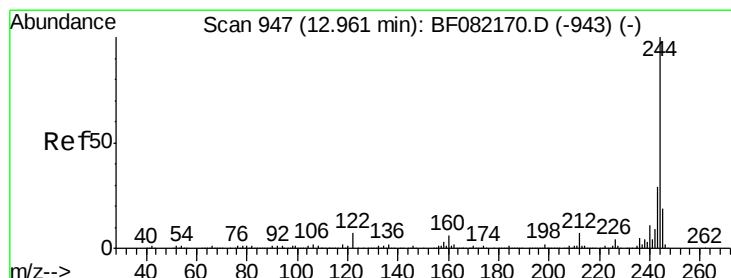
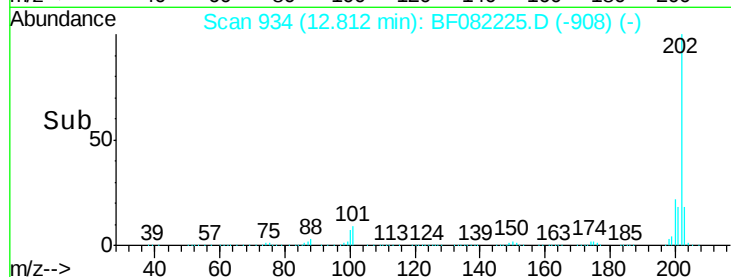
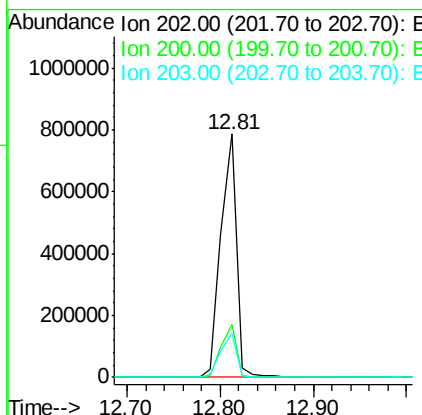
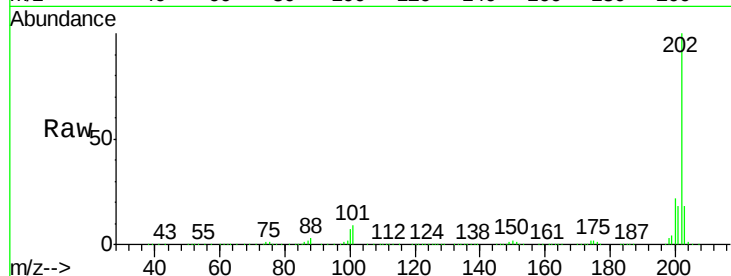




#77
Pvrene
Concen: 58.81 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

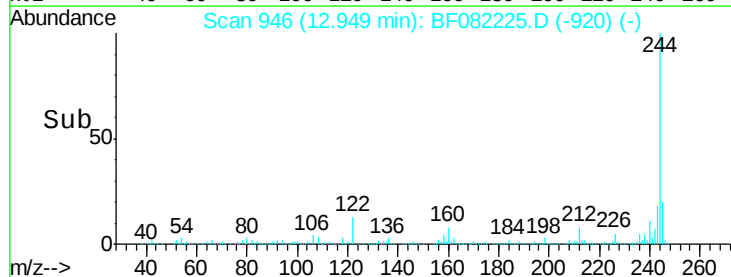
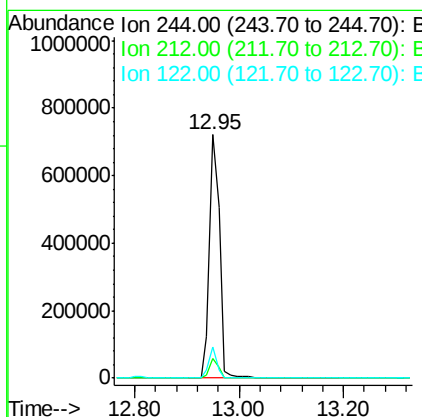
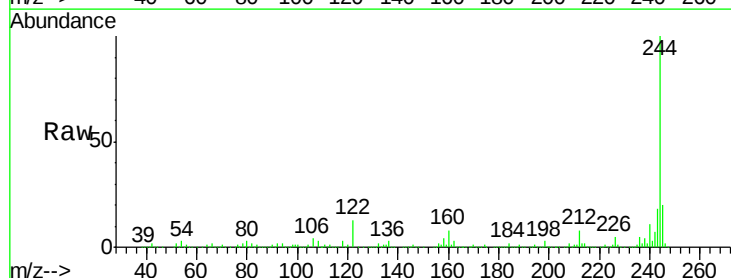
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

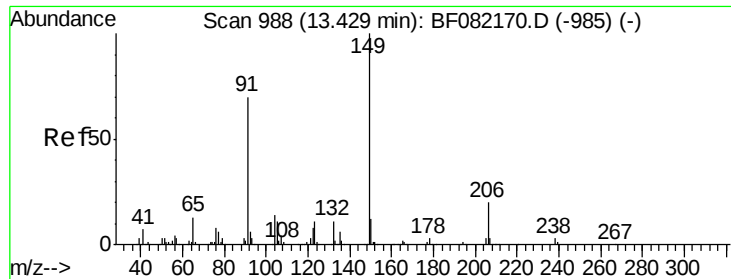
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.0	14.5	21.7



#78
Terphenyl-d14
Concen: 99.35 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	12.9	5.9	8.9#

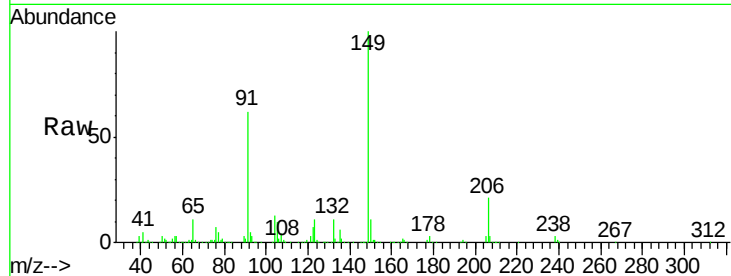




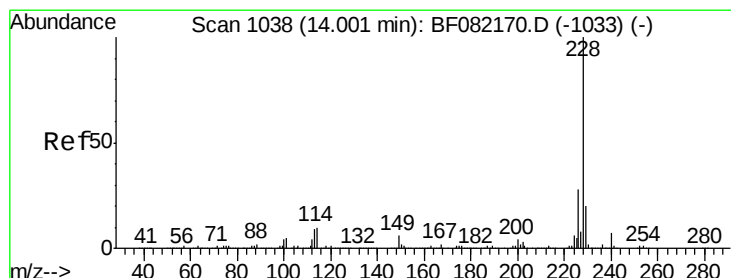
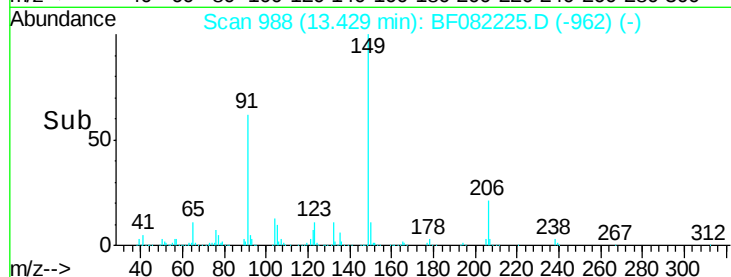
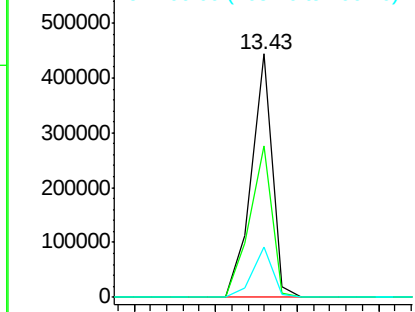
#79
Butylbenzylphthalate
Concen: 56.74 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:149 Resp: 398606
Ion Ratio Lower Upper
149 100
91 62.2 55.7 83.5
206 20.6 15.6 23.4

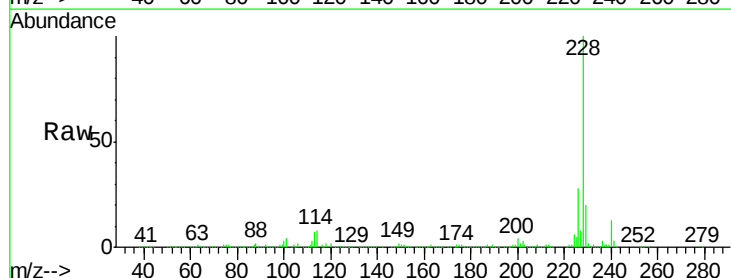


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

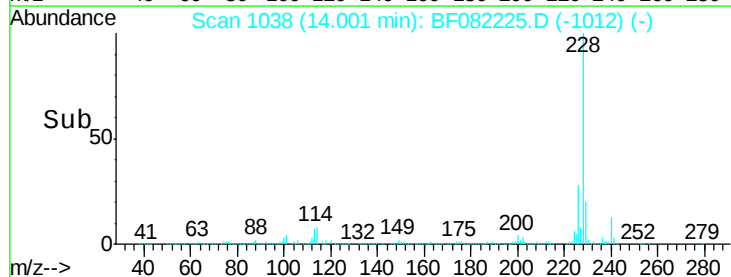
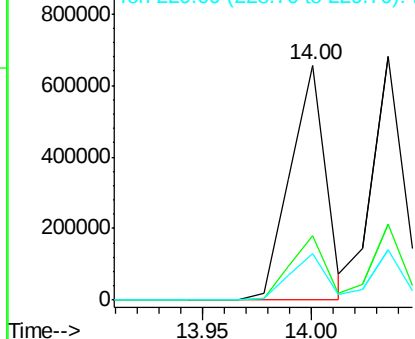


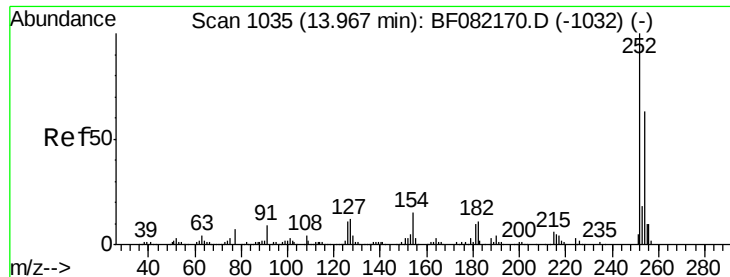
#80
Benzo(a)anthracene
Concen: 55.28 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:228 Resp: 746058
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.0 16.2 24.2



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

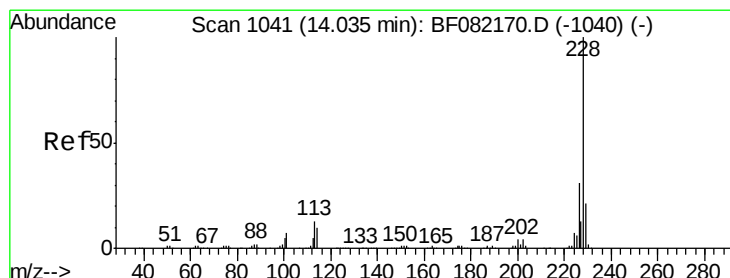
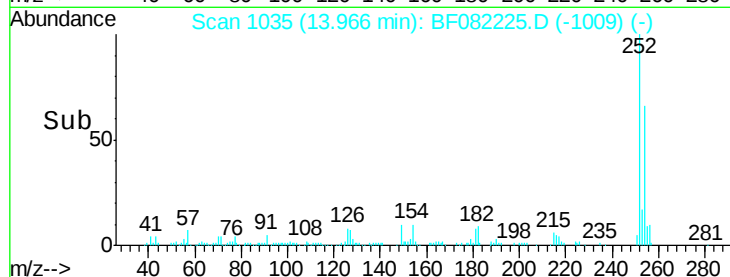
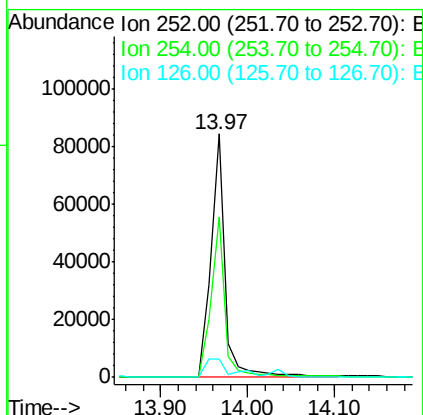
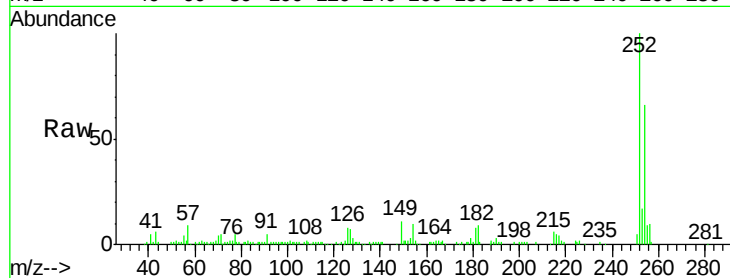




#81
 3,3'-Dichlorobenzidine
 Concen: 19.17 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

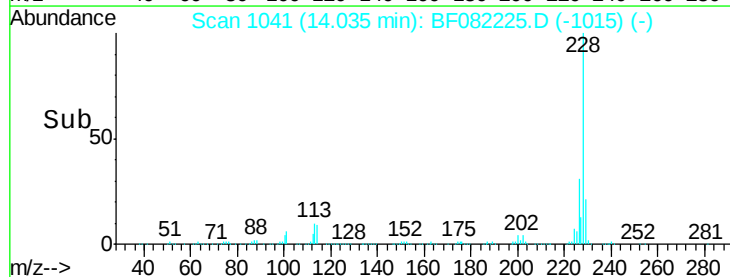
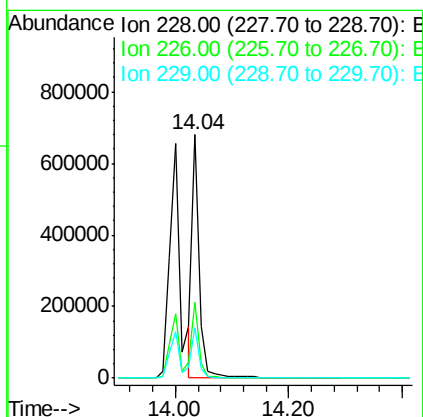
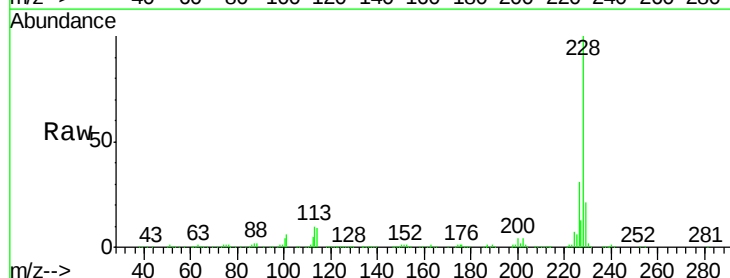
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

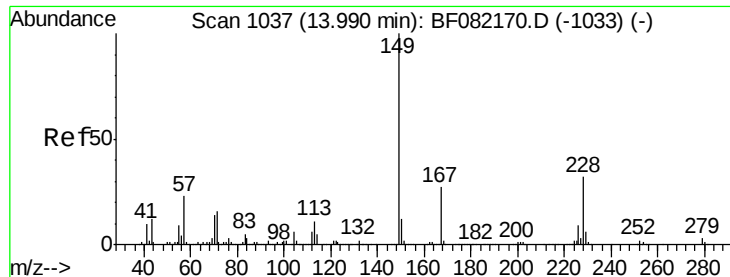
Tot Ion:252 Resp: 98215
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.7 76.1
 126 7.5 9.0 13.6#



#82
 Chrysene
 Concen: 43.03 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:228 Resp: 611980
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.5 16.3 24.5

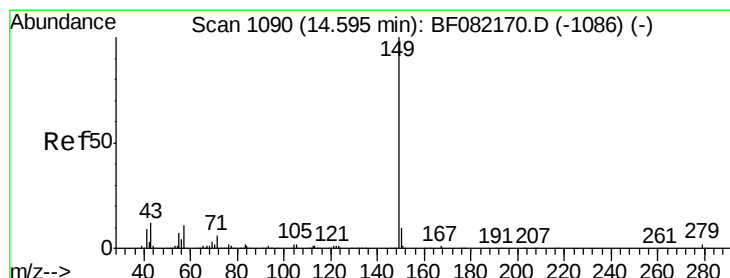
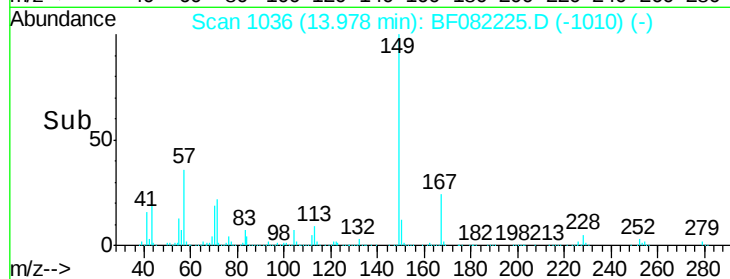
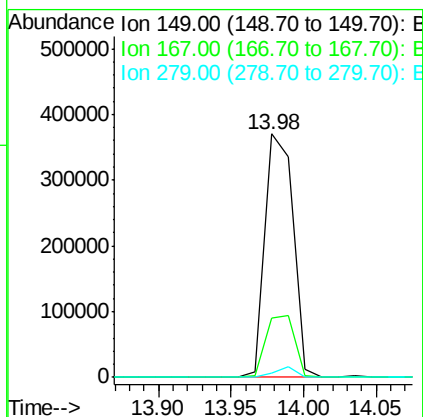
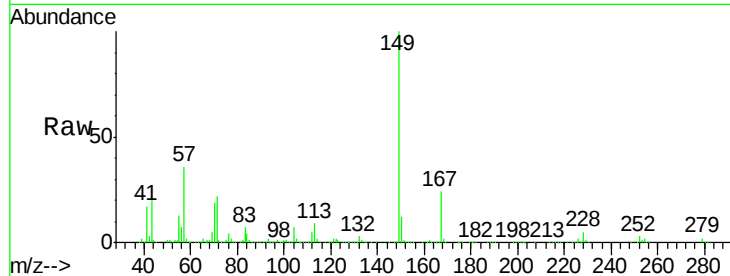




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.06 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

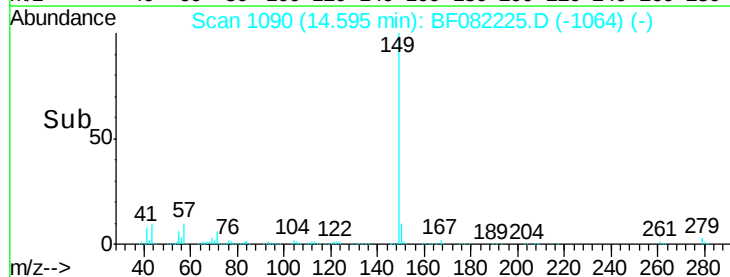
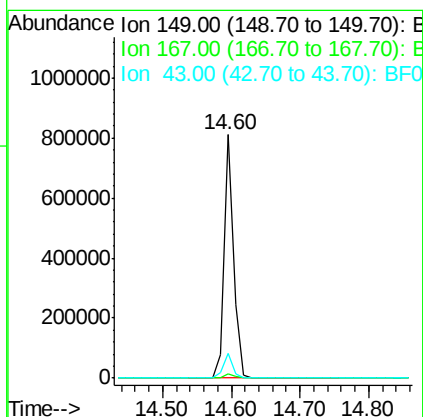
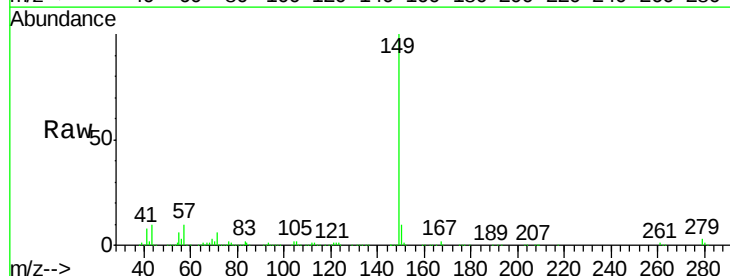
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:149 Resp: 501759
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.3 31.9
 279 1.9 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 45.93 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:149 Resp: 790541
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.7 7.4 11.2

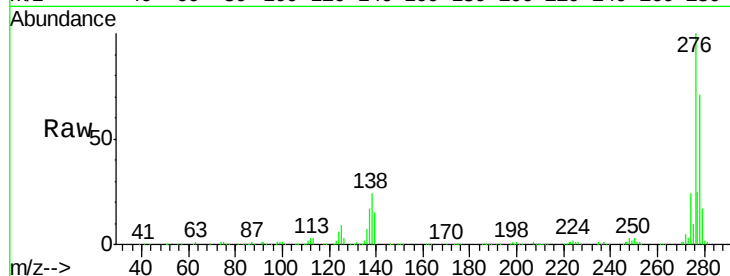




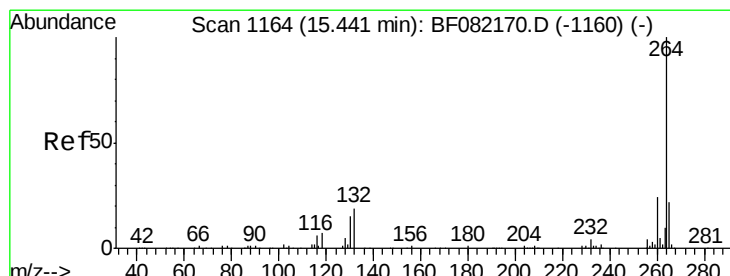
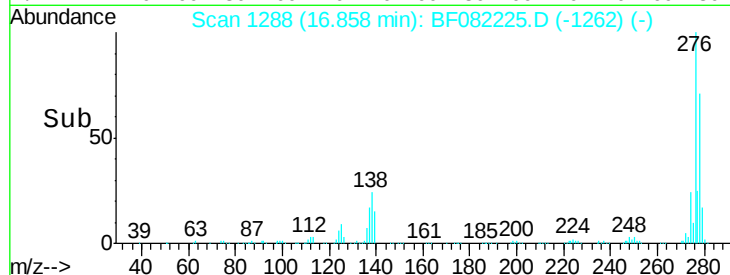
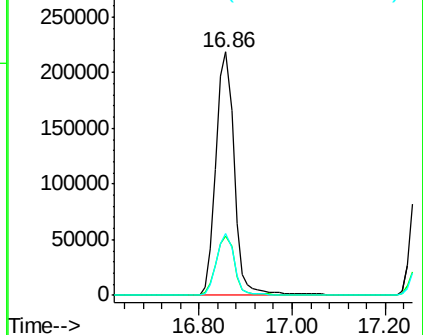
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.03 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:276 Resp: 599405
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.7 29.5
 277 24.9 20.1 30.1

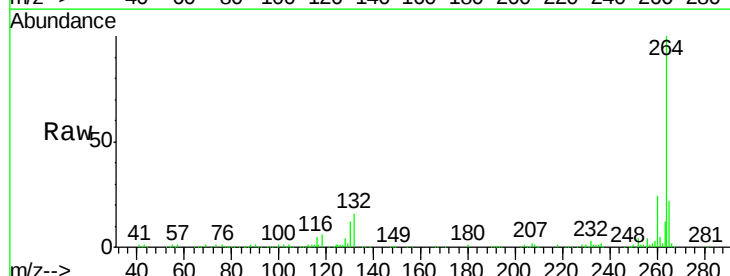


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

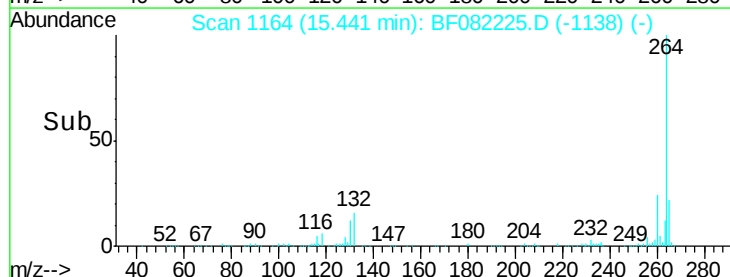
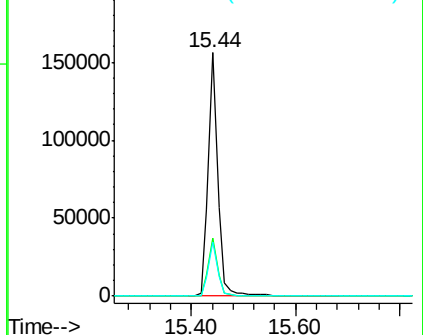


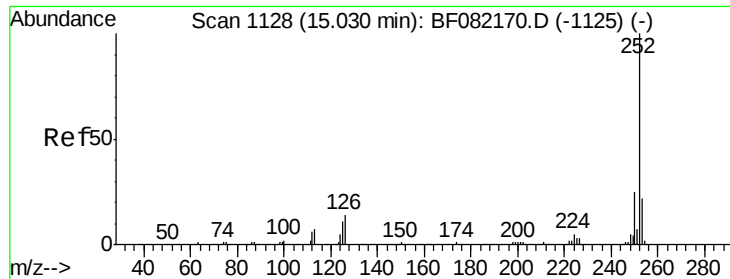
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Tgt Ion:264 Resp: 202521
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.2 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

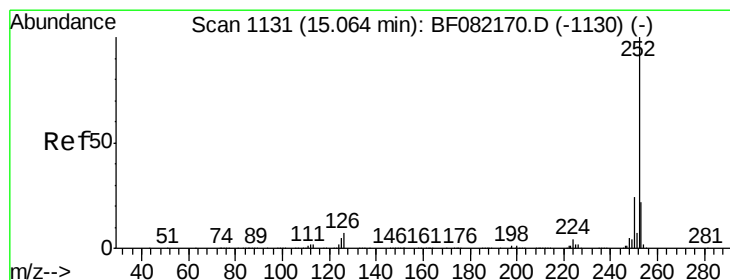
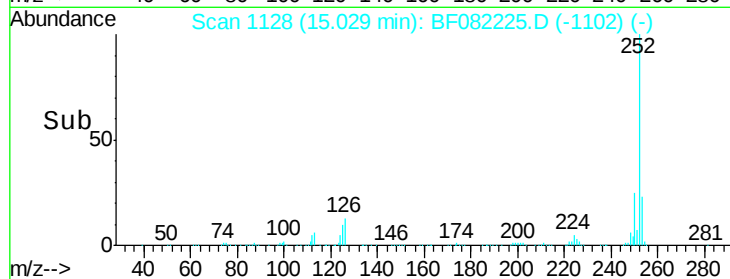
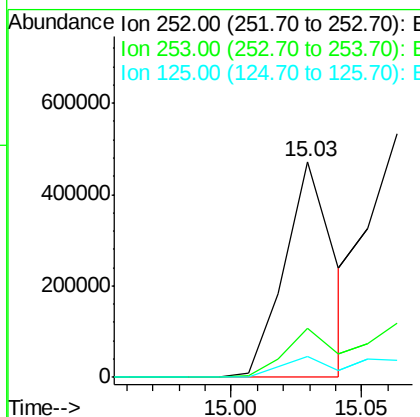
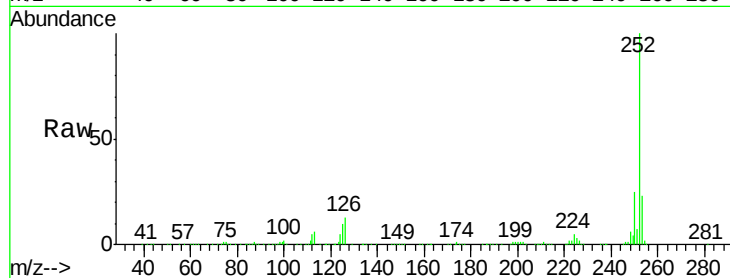




#87
Benzo(b)fluoranthene
Concen: 50.26 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

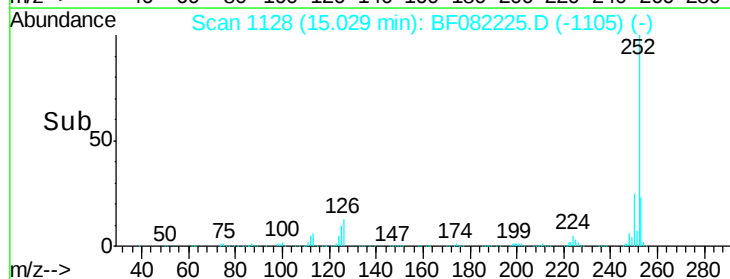
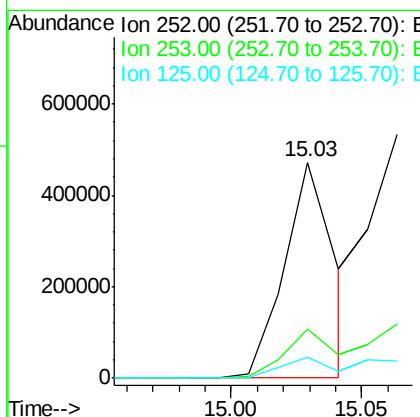
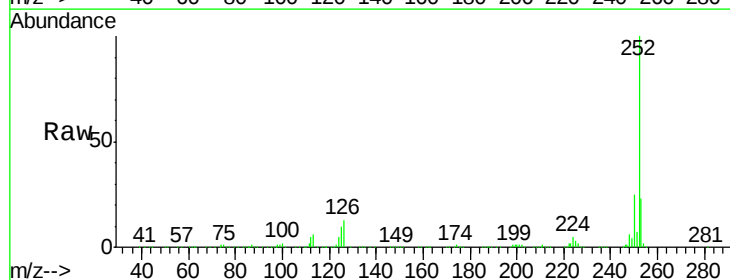
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

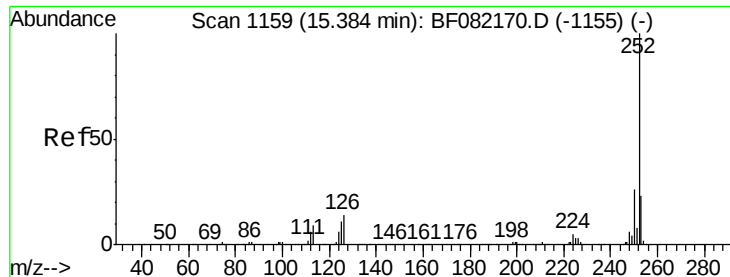
Tot Ion:252 Resp: 619310
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.7 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 59.80 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:252 Resp: 619310
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.7 6.7 10.1

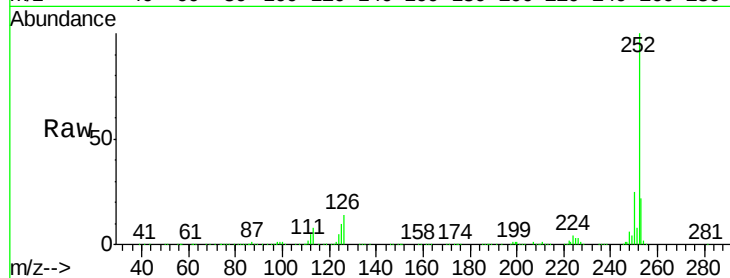




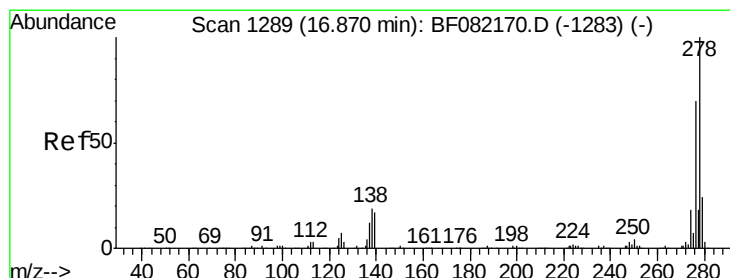
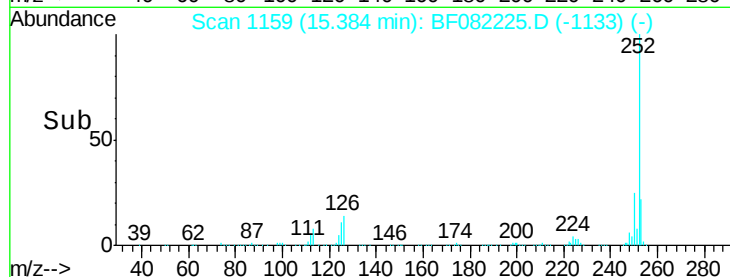
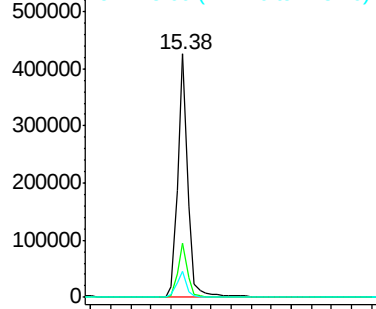
#89
Benzo(a)pyrene
Concen: 55.34 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MSD

Tot Ion:252 Resp: 586035
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.5 8.9 13.3

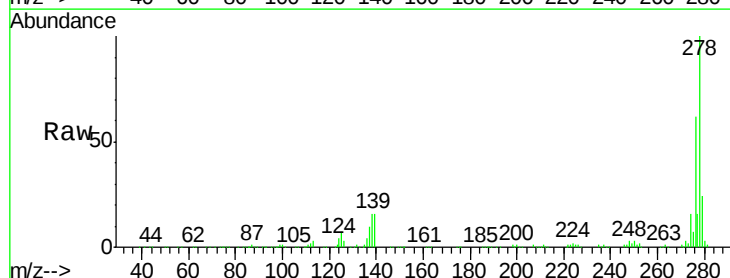


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

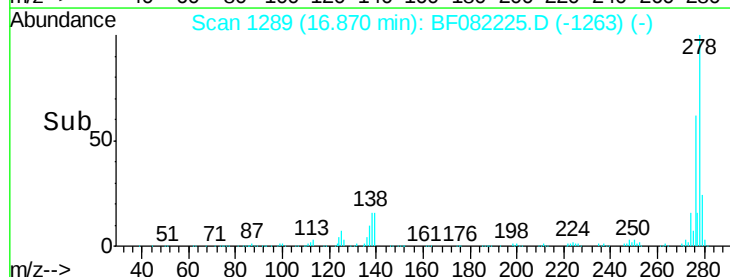
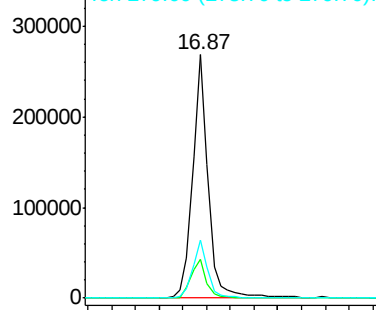


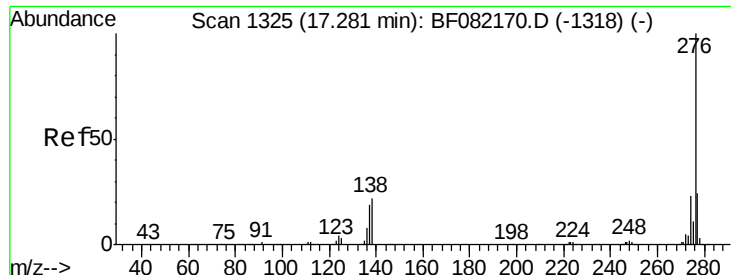
#90
Dibenzo(a,h)anthracene
Concen: 56.42 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082225.D
Acq: 12 Oct 2015 17:40

Tgt Ion:278 Resp: 489614
Ion Ratio Lower Upper
278 100
139 16.1 13.3 19.9
279 23.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

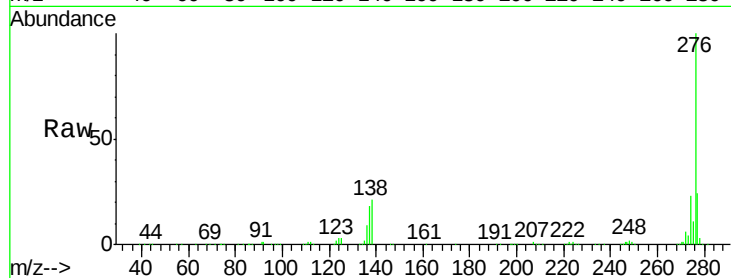




#91
 Benzo(a,h,i)perylene
 Concen: 60.43 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082225.D
 Acq: 12 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MSD

Tot Ion:276 Resp: 509454
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.8 28.2
 138 20.8 17.4 26.2



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

