

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082322.D
 Acq On : 16 Oct 2015 13:17
 Operator : UM/IZ
 Sample : PB86109BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Quant Time: Oct 17 01:11:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69683	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	276897	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	143855	20.00	ng	0.01
63) Phenanthrene-d10	11.38	188	303278	20.00	ng	0.01
75) Chrysene-d12	14.09	240	303002	20.00	ng	0.02
86) Perylene-d12	15.66	264	264516	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	406302	117.68	ng	0.02
7) Phenol-d6	6.49	99	531217	118.23	ng	0.01
23) Nitrobenzene-d5	7.42	82	328192	79.60	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	168790	125.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	673583	77.65	ng	0.00
78) Terphenyl-d14	12.97	244	934822	81.76	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	49489	28.53	ng	92
3) Pyridine	3.19	79	136407	33.81	ng	98
4) n-Nitrosodimethylamine	3.13	42	59018	34.49	ng	95
6) Aniline	6.51	93	141549	24.43	ng	# 82
8) 2-Chlorophenol	6.64	128	157055	37.26	ng	98
9) Benzaldehyde	6.40	77	62545	27.26	ng	94
10) Phenol	6.50	94	177446	34.25	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	144565	33.00	ng	90
12) 1,3-Dichlorobenzene	6.79	146	183935	37.47	ng	97
13) 1,4-Dichlorobenzene	6.87	146	183056	35.71	ng	97
14) 1,2-Dichlorobenzene	7.02	146	174701	35.89	ng	97
15) Benzyl Alcohol	6.99	79	123741	39.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	226109	37.06	ng	98
17) 2-Methylphenol	7.12	107	126241	37.88	ng	97
18) Hexachloroethane	7.36	117	62450	35.59	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	115346	36.56	ng	95
20) 3+4-Methylphenols	7.27	107	165166	41.58	ng	# 85
22) Acetophenone	7.27	105	216443	39.52	ng	# 96
24) Nitrobenzene	7.44	77	168245	37.70	ng	90
25) Isophorone	7.68	82	306197	36.79	ng	# 93
26) 2-Nitrophenol	7.76	139	83143	37.31	ng	# 89
27) 2,4-Dimethylphenol	7.79	122	144524	40.25	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	175176	36.18	ng	97
29) 2,4-Dichlorophenol	8.00	162	155037	43.20	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	155487	37.58	ng	98
31) Naphthalene	8.16	128	485977	40.49	ng	100
32) Benzoic acid	7.92	122	95532	39.64	ng	96
33) 4-Chloroaniline	8.22	127	72241	14.49	ng	95
34) Hexachlorobutadiene	8.27	225	94957	36.84	ng	97
35) Caprolactam	8.58	113	47269	45.38	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	155949	44.43	ng	# 84
37) 2-Methylnaphthalene	8.85	142	311018	37.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	170228	39.78	ng	97
40) Hexachlorocyclopentadiene	8.99	237	109885	53.79	ng	97

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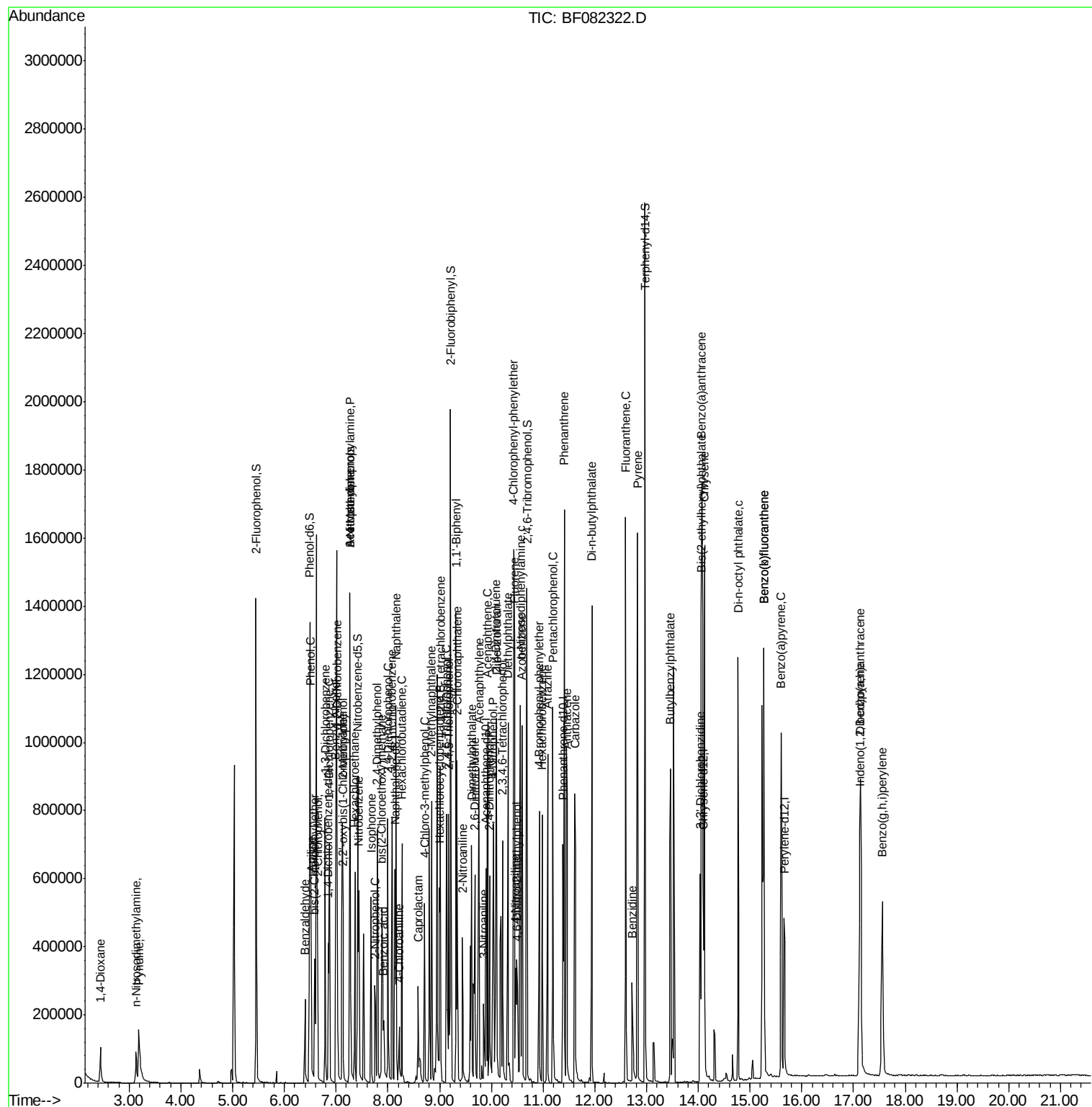
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	110030	38.72	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	125906	40.90	nq	# 95
45) 1,1'-Biphenyl	9.31	154	422412	38.51	nq	98
46) 2-Chloronaphthalene	9.34	162	315829	36.57	nq	# 93
47) 2-Nitroaniline	9.44	65	96388	40.66	nq	99
48) Acenaphthylene	9.76	152	549089	40.82	nq	99
49) Dimethylphthalate	9.62	163	416827	41.15	nq	98
50) 2,6-Dinitrotoluene	9.68	165	82675	38.68	nq	# 65
51) Acenaphthene	9.93	154	314437	38.94	nq	98
52) 3-Nitroaniline	9.85	138	53953	22.35	nq	# 78
53) 2,4-Dinitrophenol	9.97	184	104478	86.88	nq	96
54) Dibenzofuran	10.10	168	496597	44.79	nq	96
55) 4-Nitrophenol	10.03	139	128762	77.97	nq	94
56) 2,4-Dinitrotoluene	10.09	165	132949	49.77	nq	90
57) Fluorene	10.45	166	404239	44.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	105109	41.79	nq	98
59) Diethylphthalate	10.32	149	428139	45.34	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	186123	44.62	nq	92
61) 4-Nitroaniline	10.47	138	99342	42.42	nq	89
62) Azobenzene	10.59	77	409069	44.26	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	67619	39.73	nq	87
65) n-Nitrosodiphenylamine	10.56	169	357497	39.37	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	120395	39.67	nq	# 91
67) Hexachlorobenzene	10.98	284	123768	37.71	nq	# 63
68) Atrazine	11.09	200	122434	42.56	nq	98
69) Pentachlorophenol	11.19	266	144885	85.78	nq	98
70) Phenanthrene	11.41	178	635883	42.78	nq	99
71) Anthracene	11.46	178	628286	41.02	nq	99
72) Carbazole	11.61	167	573877	41.07	nq	100
73) Di-n-butylphthalate	11.94	149	707206	41.02	nq	99
74) Fluoranthene	12.60	202	677892	42.46	nq	99
76) Benzidine	12.72	184	201670	22.97	nq	99
77) Pyrene	12.82	202	667240	37.11	nq	98
79) Butylbenzylphthalate	13.46	149	311248	37.93	nq	# 84
80) Benzo(a)anthracene	14.07	228	631796	40.08	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	161855	27.05	nq	99
82) Chrysene	14.12	228	626430	37.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	412498	35.23	nq	# 97
84) Di-n-octyl phthalate	14.77	149	708982	35.26	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	553747	41.94	nq	100
87) Benzo(b)fluoranthene	15.27	252	1187538	73.79	nq	# 98
88) Benzo(k)fluoranthene	15.27	252	1188033	87.83	nq	100
89) Benzo(a)pyrene	15.60	252	564357	40.81	nq	99
90) Dibenzo(a,h)anthracene	17.13	278	468686	41.35	nq	98
91) Benzo(g,h,i)perylene	17.56	276	468582	42.56	nq	99

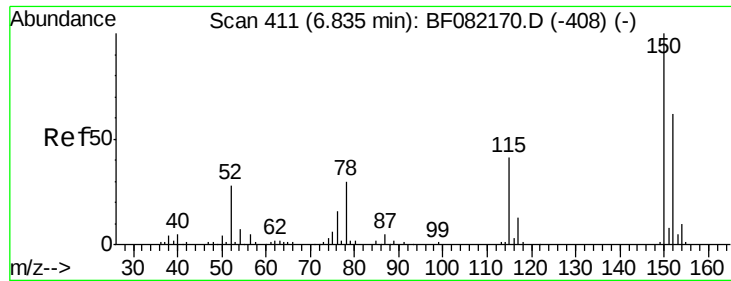
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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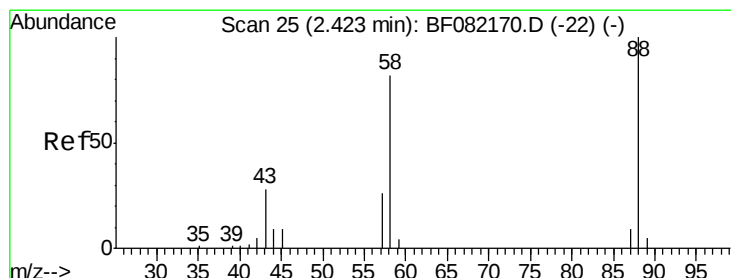
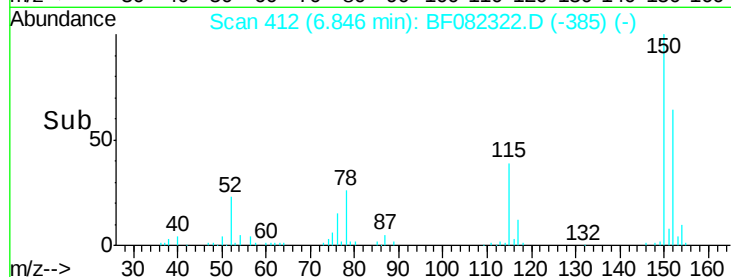
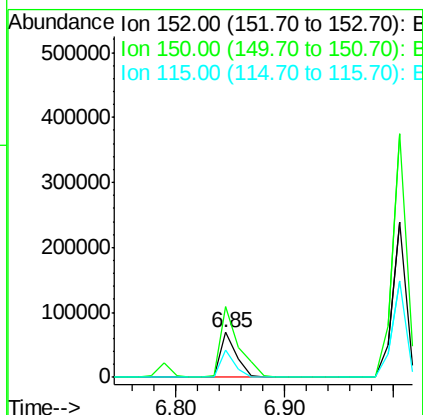
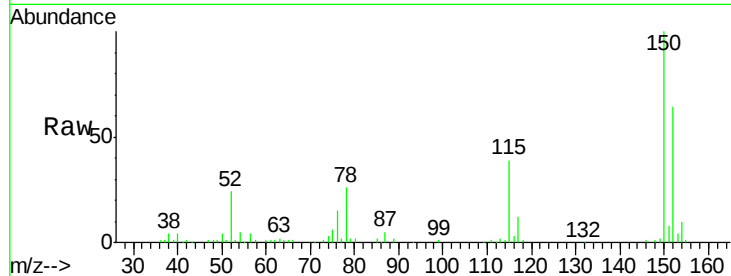


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB86109BS

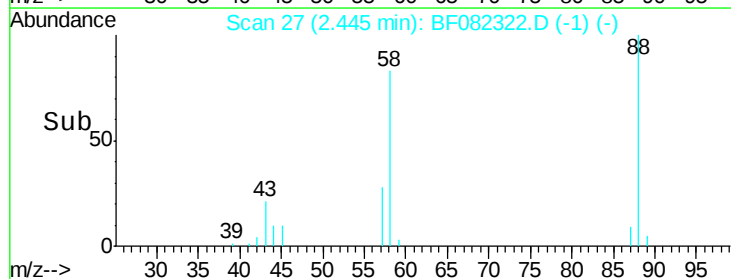
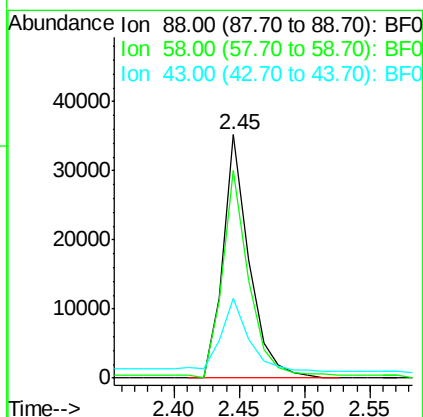
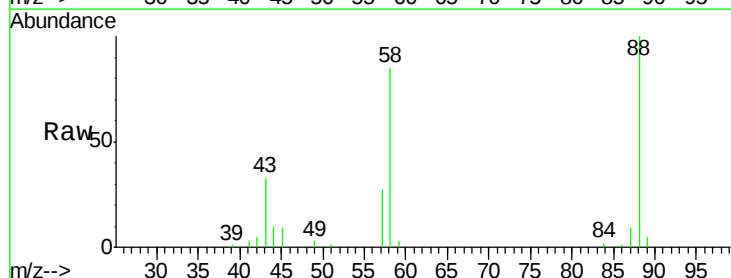
Tot Ion:152 Resp: 69683
Ion Ratio Lower Upper
152 100
150 157.5 129.0 193.4
115 61.0 52.1 78.1

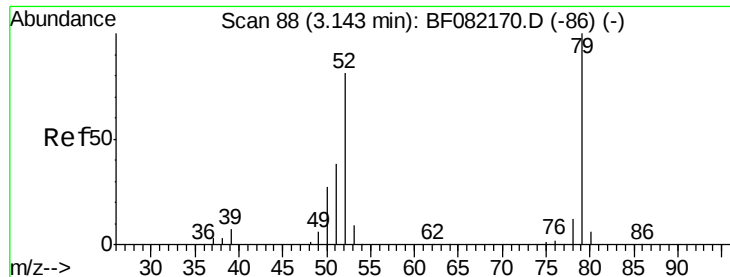


#2

1,4-Dioxane
Concen: 28.53 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.09 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion: 88 Resp: 49489
Ion Ratio Lower Upper
88 100
58 90.0 66.2 99.4
43 32.8 23.0 34.4





#3

Pvridine

Concen: 33.81 ng

RT: 3.19 min Scan# 92

Delta R.T. 0.09 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

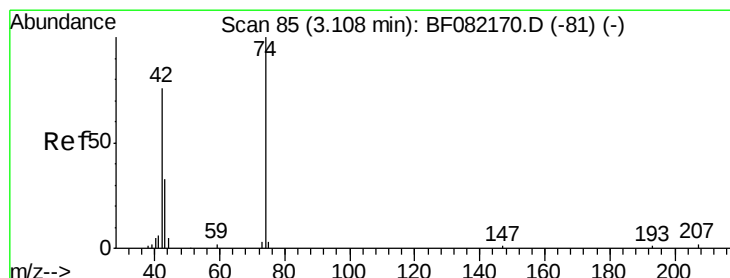
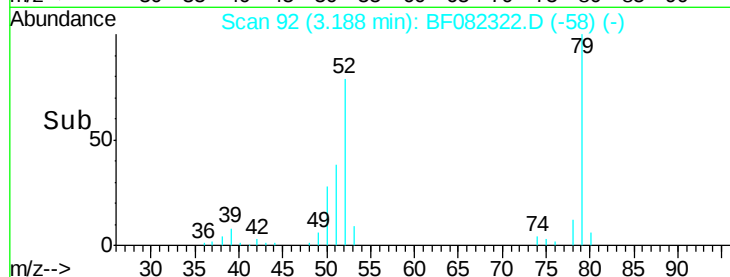
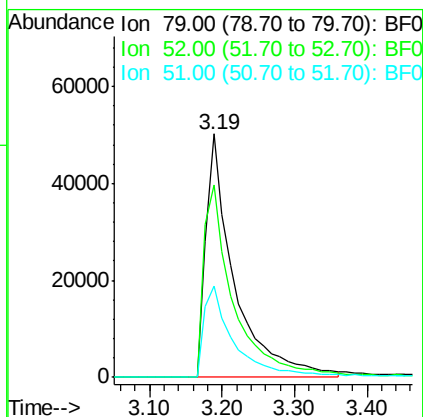
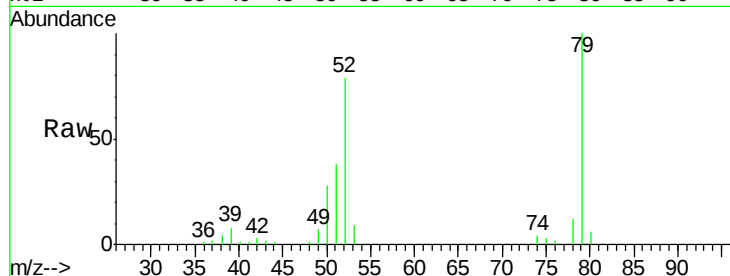
Tot Ion: 79 Resp: 136407

Ion Ratio Lower Upper

79 100

52 78.9 64.4 96.6

51 37.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 34.49 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

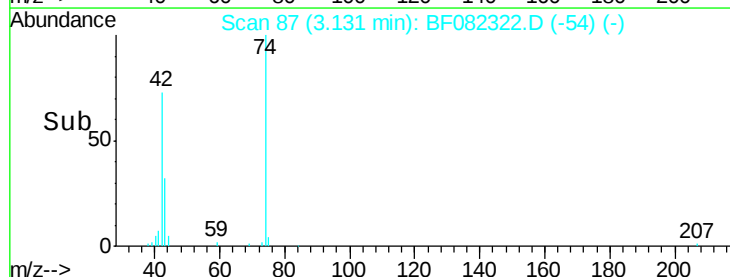
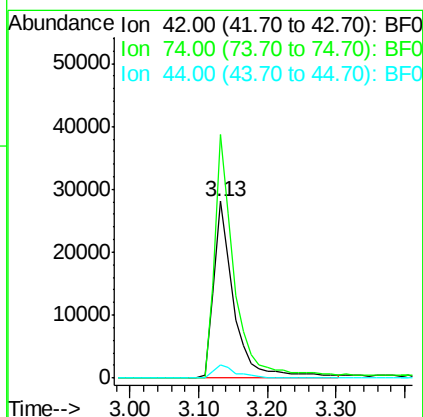
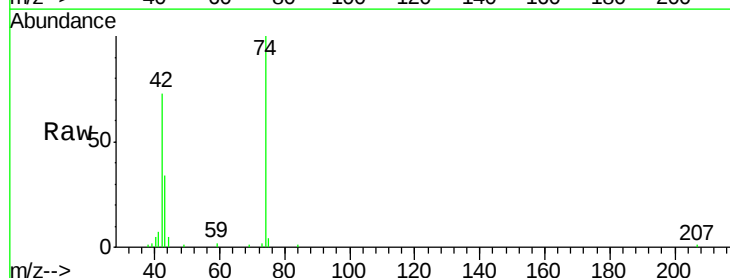
Tgt Ion: 42 Resp: 59018

Ion Ratio Lower Upper

42 100

74 137.8 105.7 158.5

44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 117.68 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

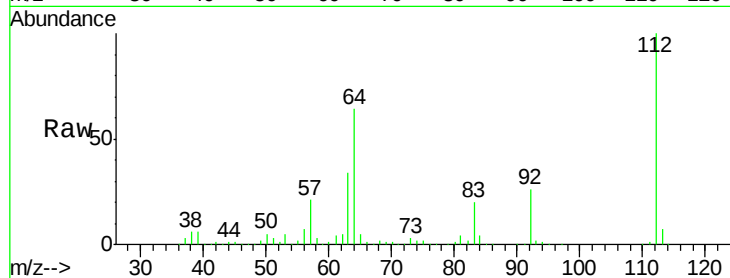
Tot Ion:112 Resp: 406302

Ion Ratio Lower Upper

112 100

64 64.4 48.6 73.0

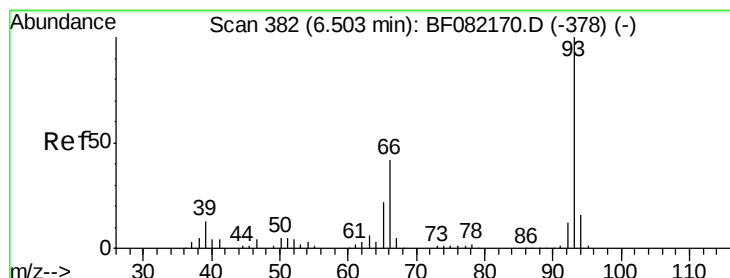
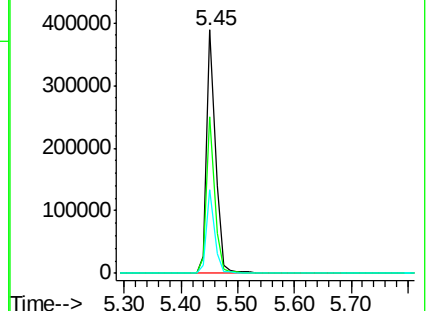
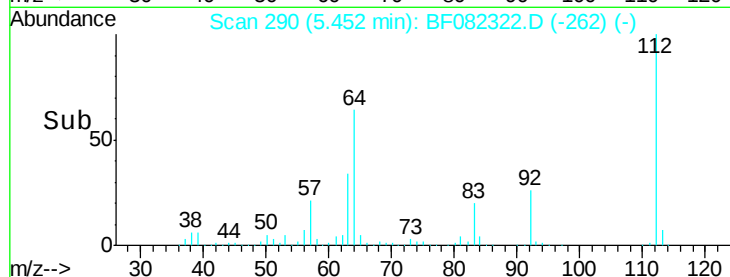
63 34.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.43 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

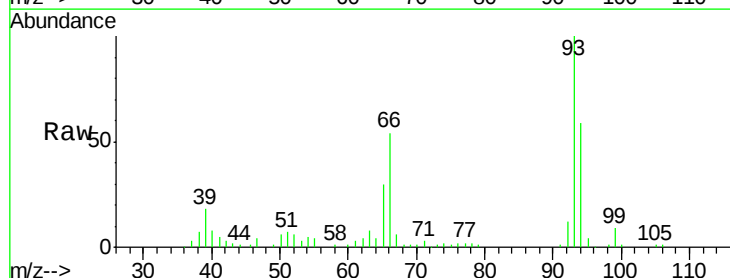
Tgt Ion: 93 Resp: 141549

Ion Ratio Lower Upper

93 100

66 54.4 34.2 51.2#

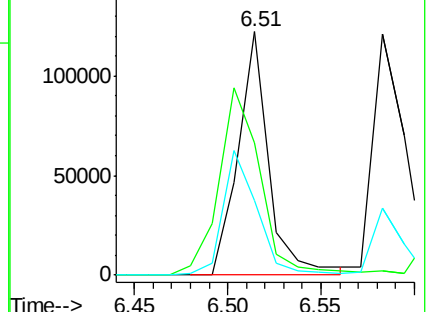
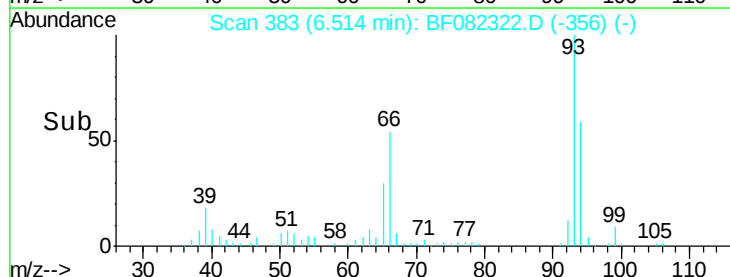
65 30.4 17.9 26.9#



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: 118.23 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF082322.D

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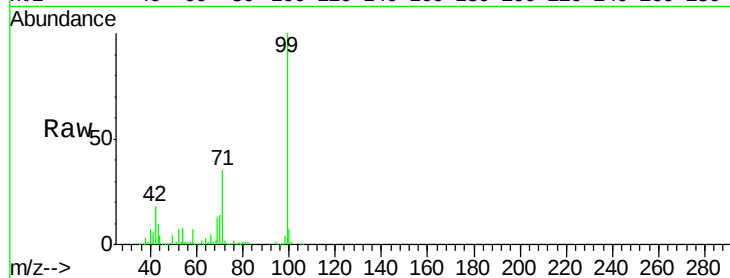
Tot Ion: 99 Resp: 531217

Ion Ratio Lower Upper

99 100

42 18.3 13.2 19.8

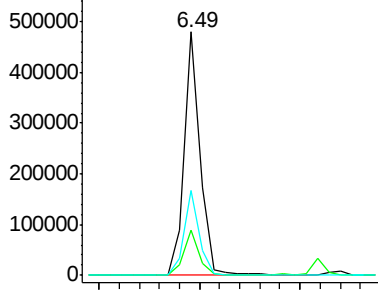
71 34.7 25.6 38.4



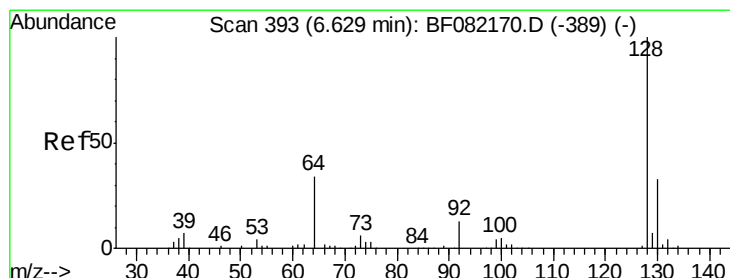
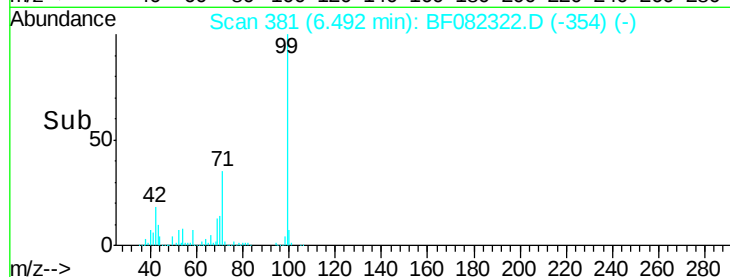
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 37.26 ng

RT: 6.64 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

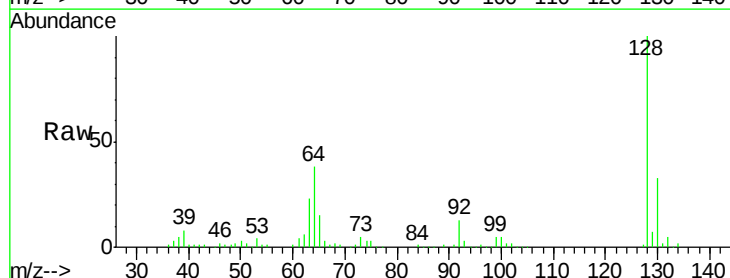
Tgt Ion: 128 Resp: 157055

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

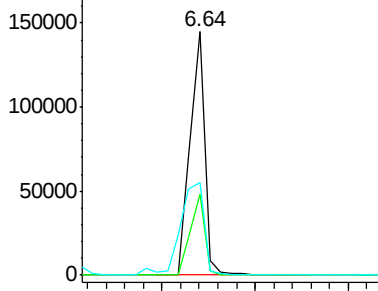
64 38.2 16.7 56.7



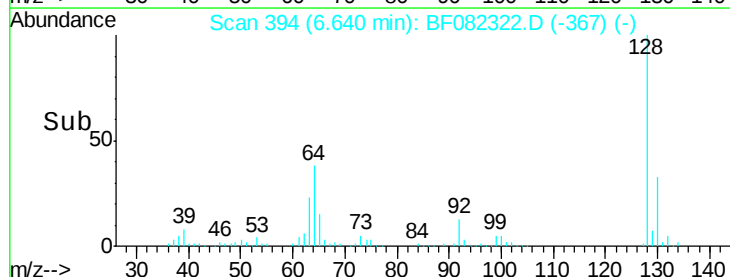
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 27.26 ng

RT: 6.40 min Scan# 373

Delta R.T. 0.01 min

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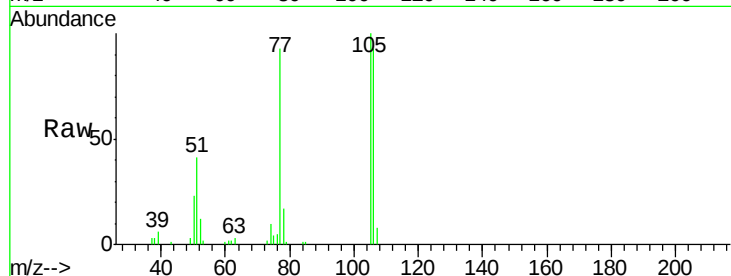
Tot Ion: 77 Resp: 62545

Ion Ratio Lower Upper

77 100

105 107.9 80.6 120.6

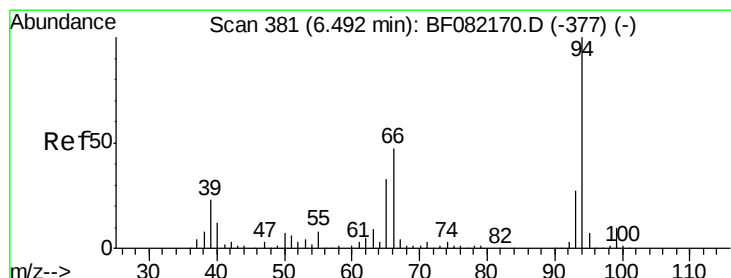
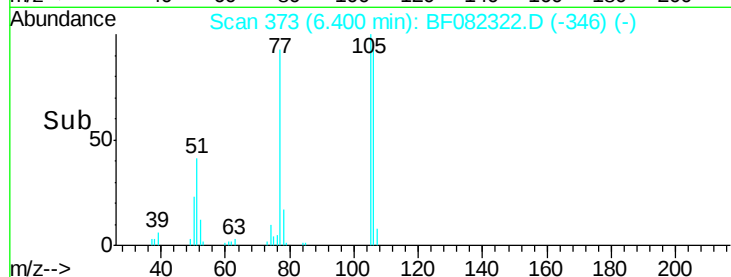
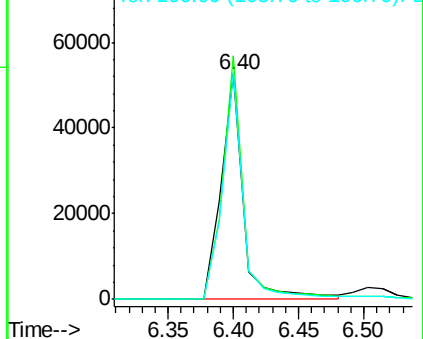
106 100.7 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.25 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

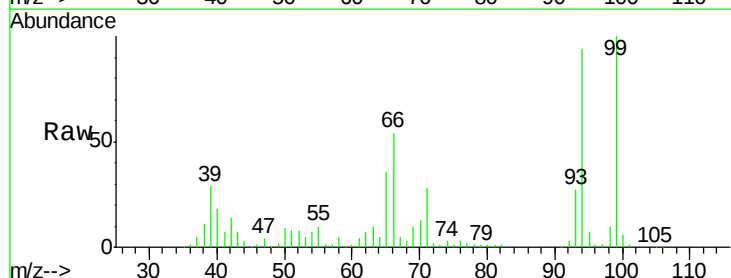
Tgt Ion: 94 Resp: 177446

Ion Ratio Lower Upper

94 100

65 38.7 12.6 52.6

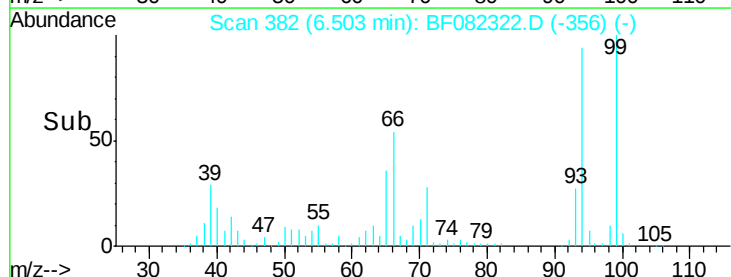
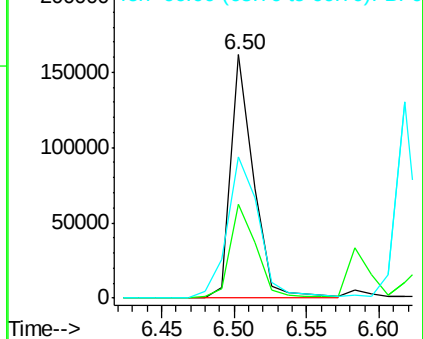
66 58.1 27.3 67.3

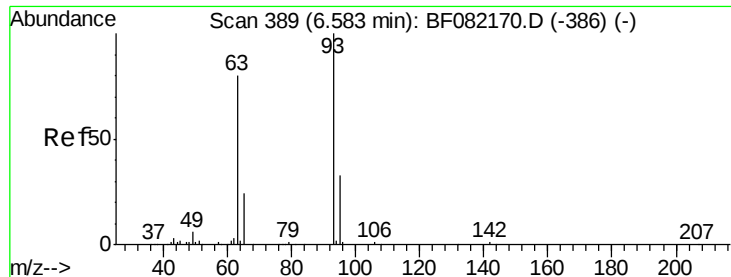


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.00 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

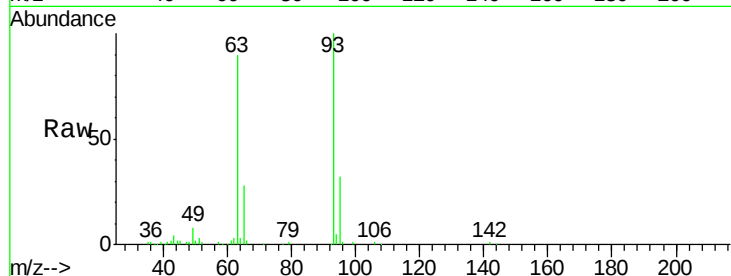
Tot Ion: 93 Resp: 144565

Ion Ratio Lower Upper

93 100

63 89.6 57.1 97.1

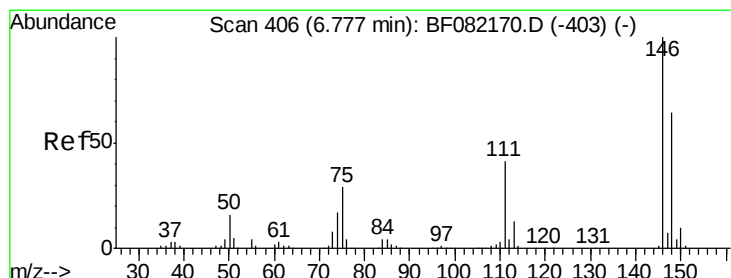
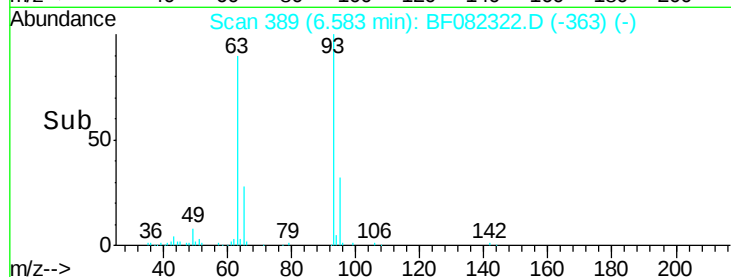
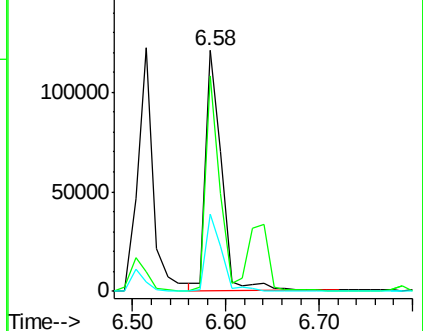
95 32.1 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.47 ng

RT: 6.79 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

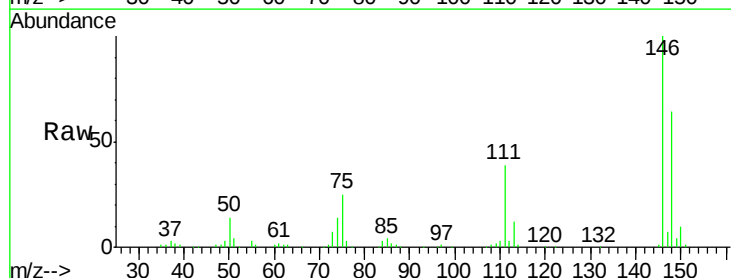
Tgt Ion: 146 Resp: 183935

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

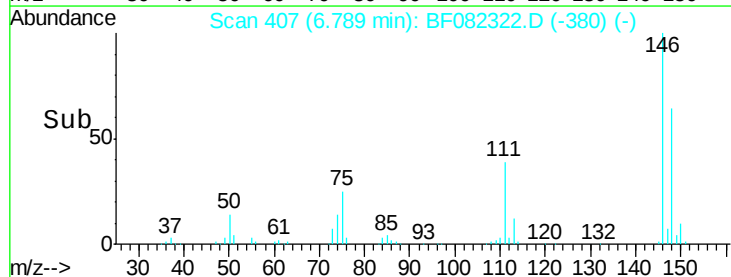
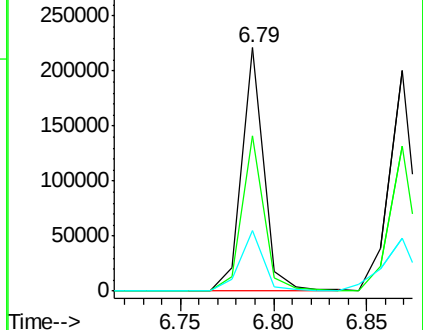
75 25.1 23.0 34.6

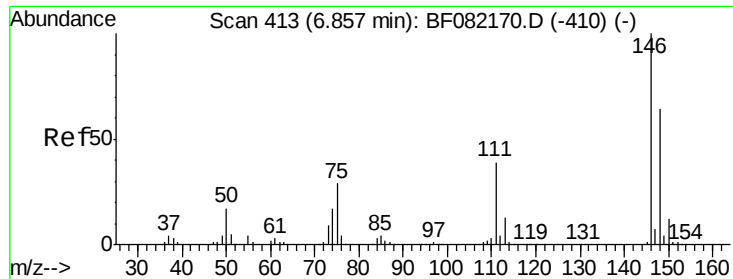


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

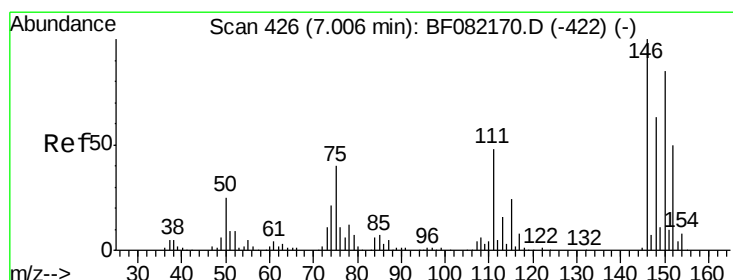
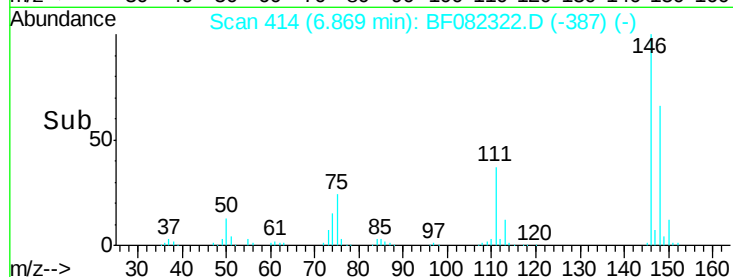
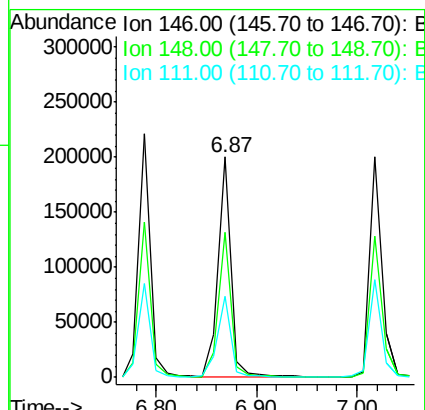
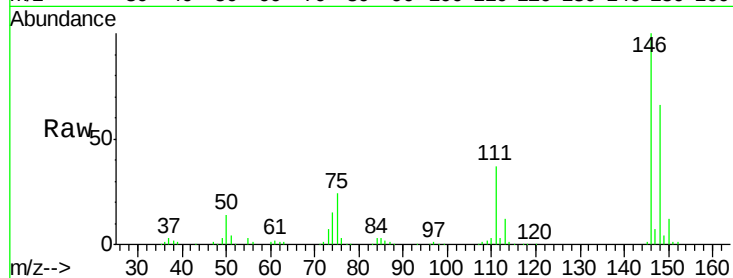




#13
 1,4-Dichlorobenzene
 Concen: 35.71 ng
 RT: 6.87 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

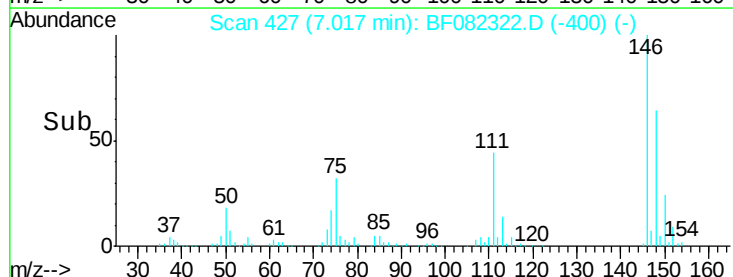
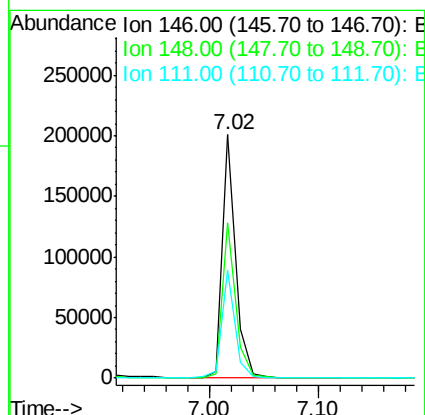
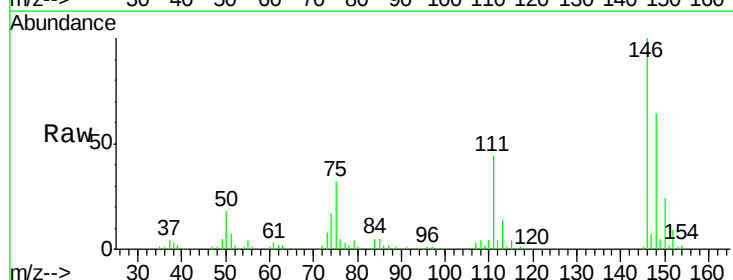
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:146 Resp: 183056
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.4
 111 37.0 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 35.89 ng
 RT: 7.02 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:146 Resp: 174701
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.5 75.7
 111 44.2 38.5 57.7

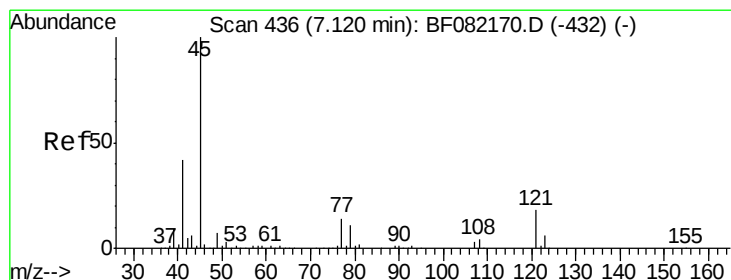
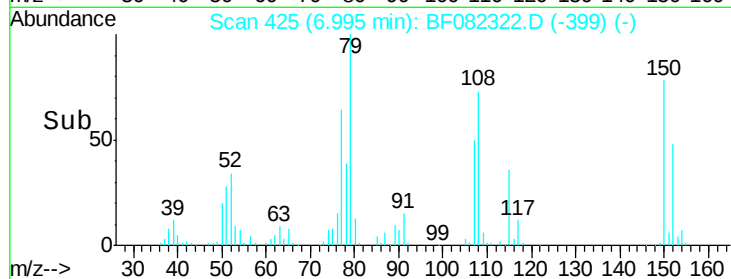
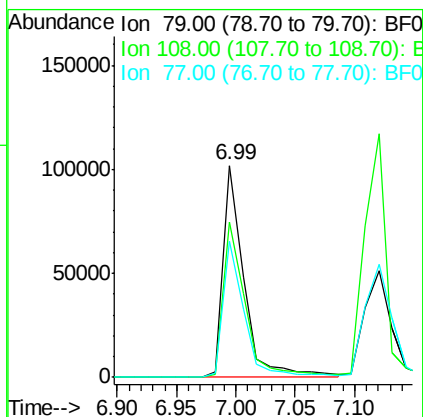
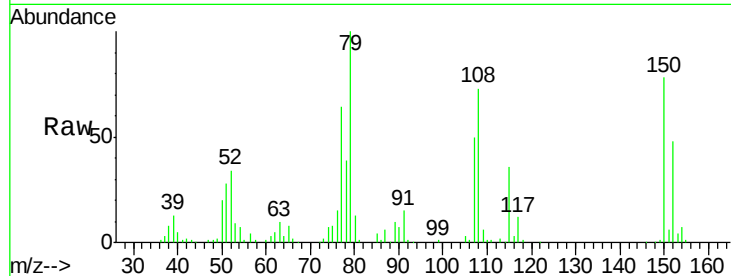




#15
Benzyl Alcohol
Concen: 39.89 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

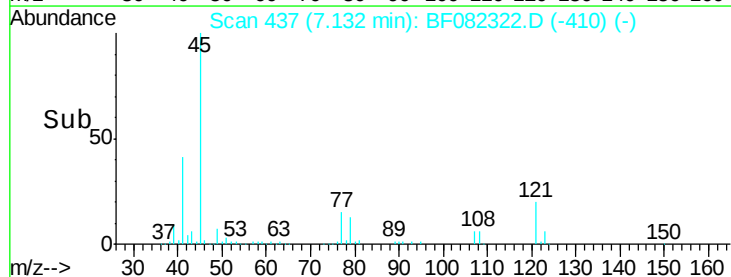
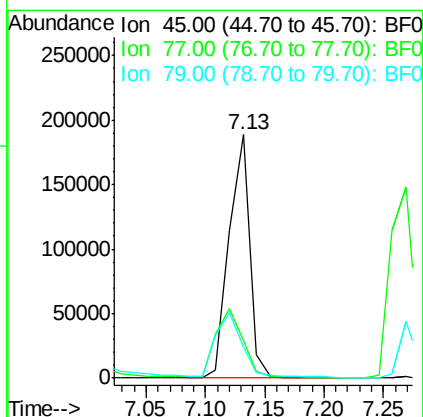
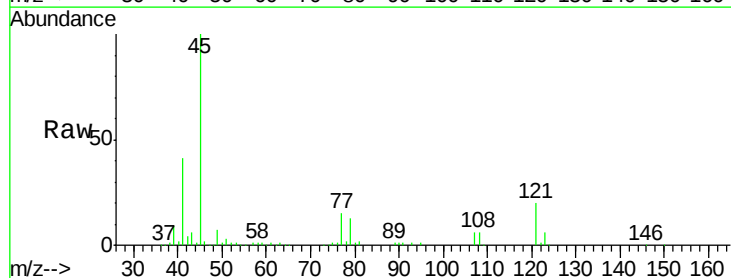
Instrument :
BNA_F
ClientSampleId :
PB86109BS

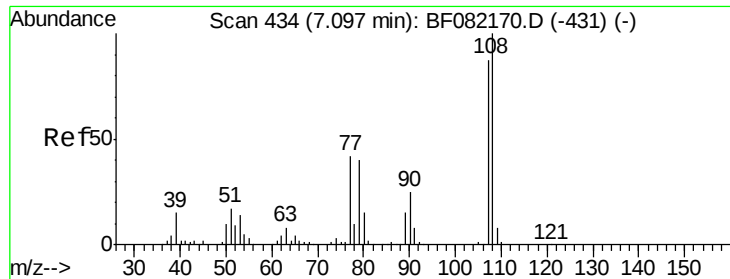
Tot Ion: 79 Resp: 123741
Ion Ratio Lower Upper
79 100
108 73.3 58.4 87.6
77 64.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.06 ng
RT: 7.13 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion: 45 Resp: 226109
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.5
79 12.5 0.0 31.6





#17

2-Methylphenol

Concen: 37.88 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

Tot Ion:107 Resp: 126241

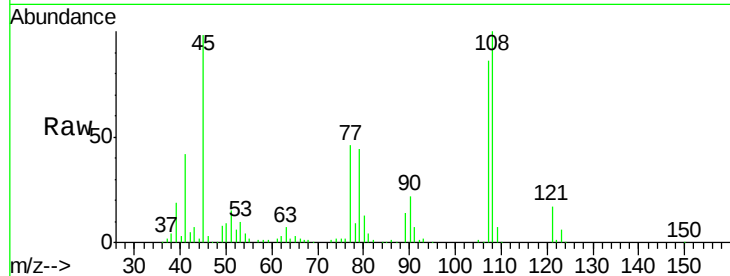
Ion Ratio Lower Upper

107 100

108 116.1 92.2 138.2

77 53.9 39.6 59.4

79 50.9 38.2 57.4

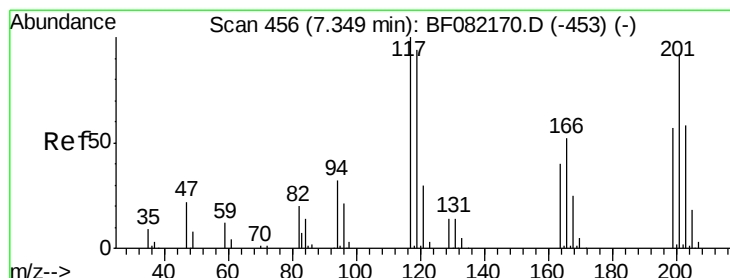
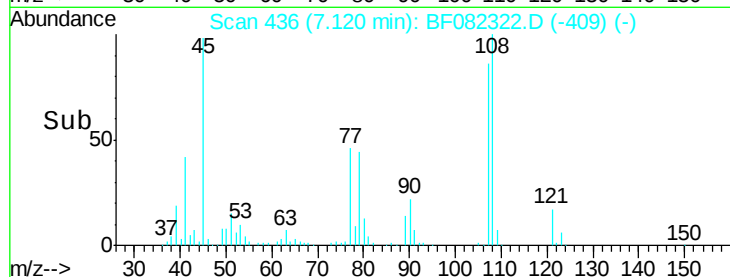
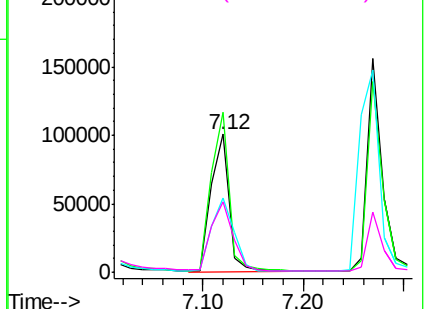


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.59 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

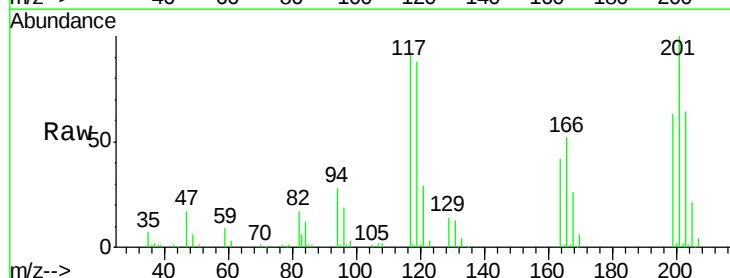
Tgt Ion:117 Resp: 62450

Ion Ratio Lower Upper

117 100

119 95.3 75.4 113.2

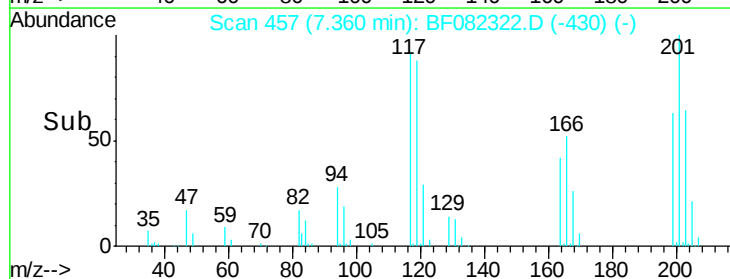
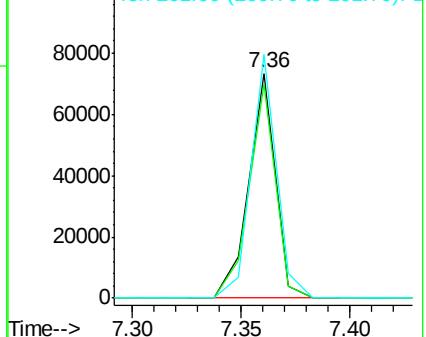
201 108.3 73.4 110.0

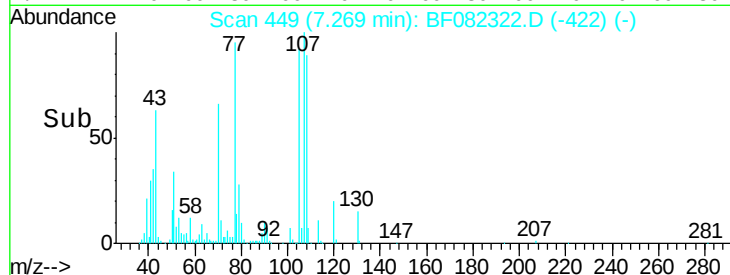
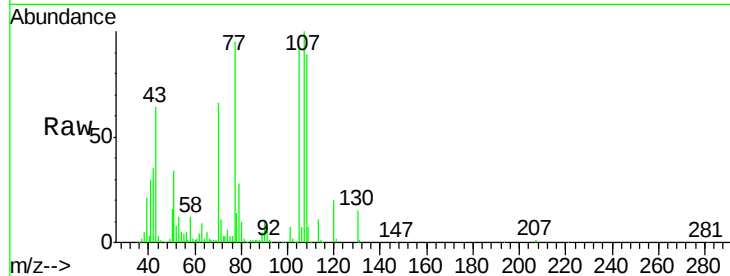


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

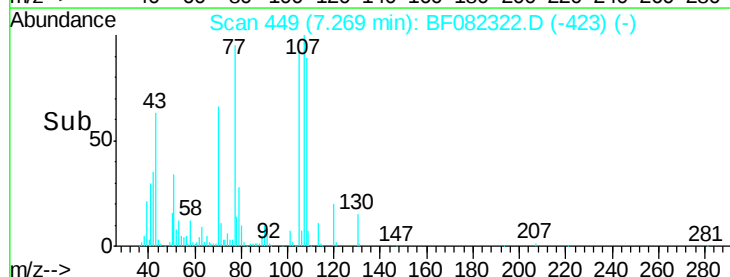
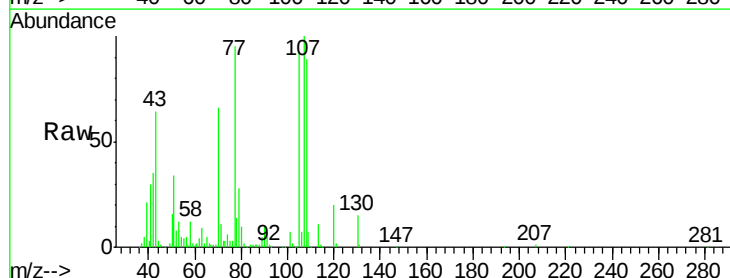
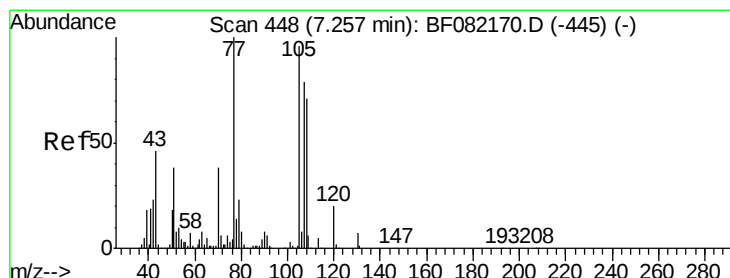
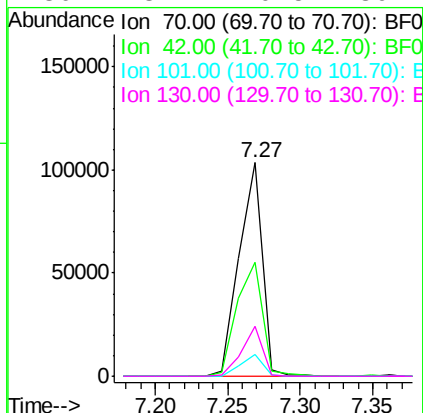




#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

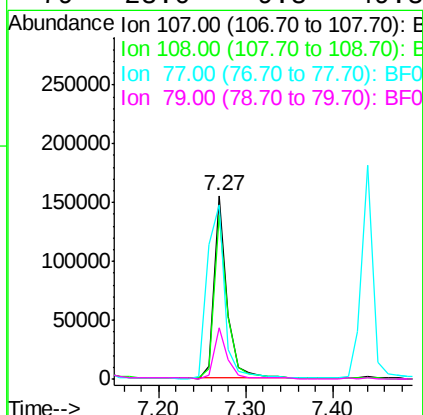
Instrument :
BNA_F
ClientSampleId :
PB86109BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.2	39.8	59.8	
101	10.3	8.6	13.0	
130	23.1	20.5	30.7	



#20
3+4-Methylphenols
Concen: 41.58 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	69.9	109.9	
77	94.9	106.0	146.0	
79	28.0	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

Tot Ion:136 Resp: 276897

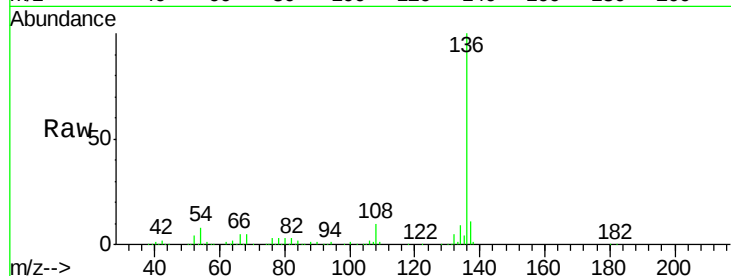
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.9 7.5 11.3

68 5.2 4.6 7.0

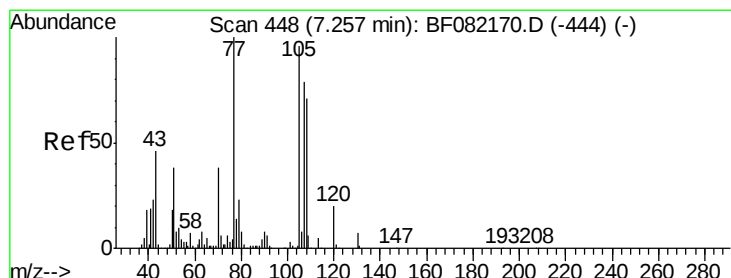
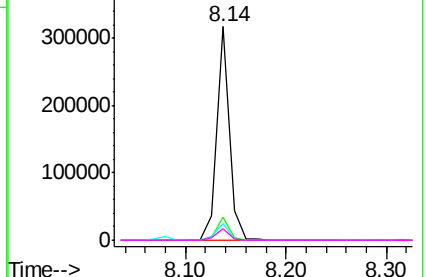
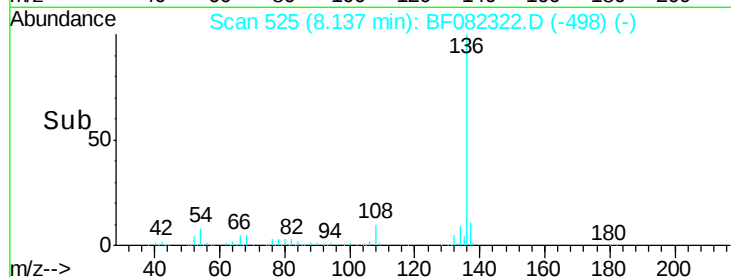


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.52 ng

RT: 7.27 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Tgt Ion:105 Resp: 216443

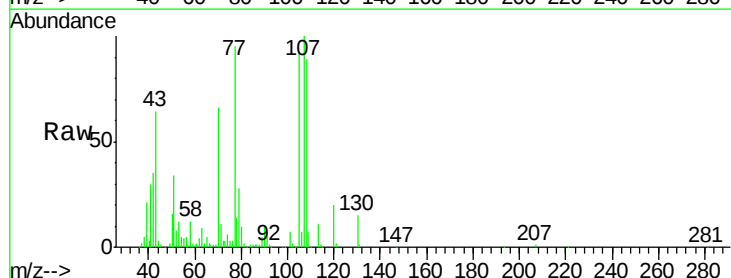
Ion Ratio Lower Upper

105 100

71 11.7 5.4 8.0#

51 37.2 31.8 47.6

120 21.4 16.3 24.5

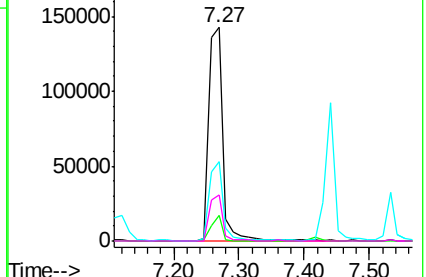
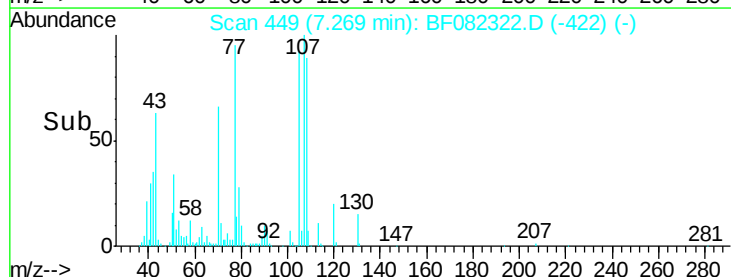


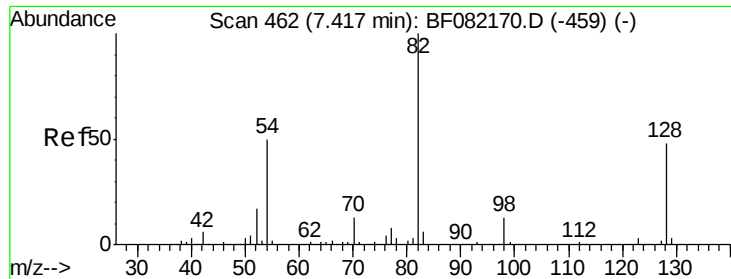
Abundance Ion 105.00 (104.70 to 105.70): E

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

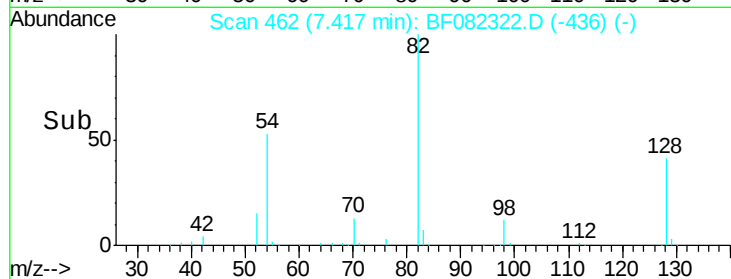
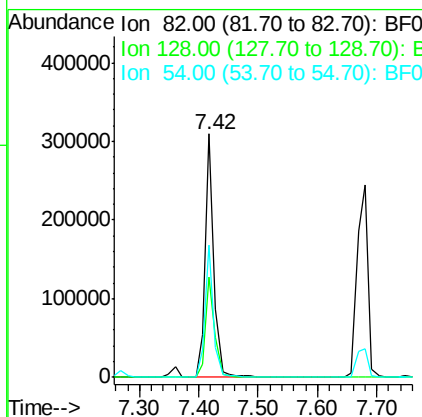
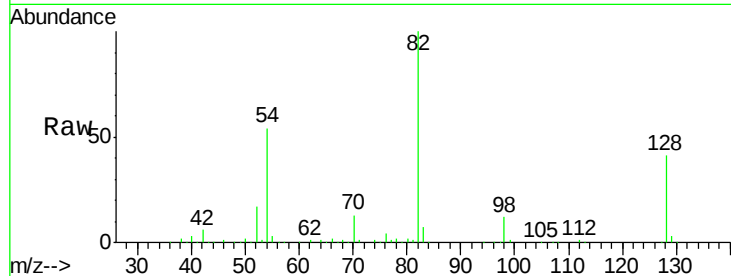




#23
 Nitrobenzene-d5
 Concen: 79.60 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

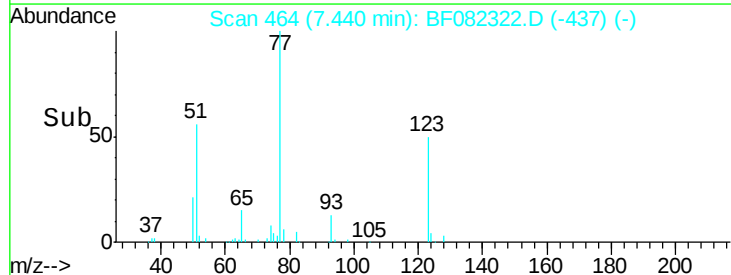
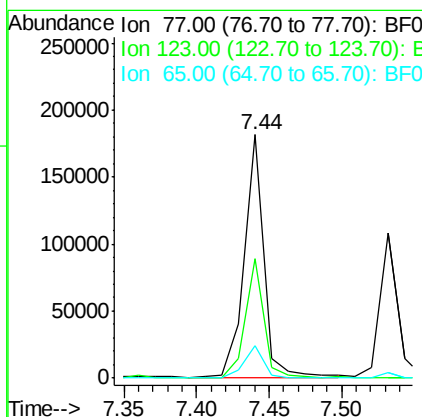
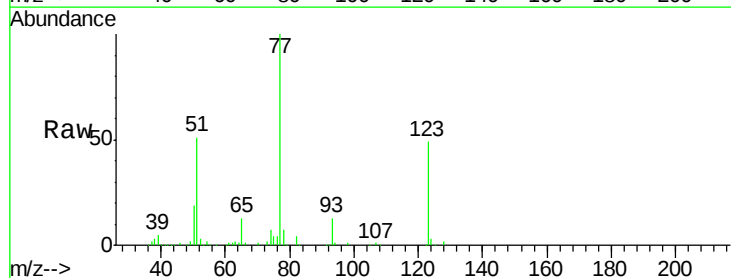
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion	82	Resp	328192
Ion Ratio	Lower	Upper	
82	100		
128	41.4	38.7	58.1
54	54.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 37.70 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion	77	Resp	168245
Ion Ratio	Lower	Upper	
77	100		
123	48.8	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 36.79 ng

RT: 7.68 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

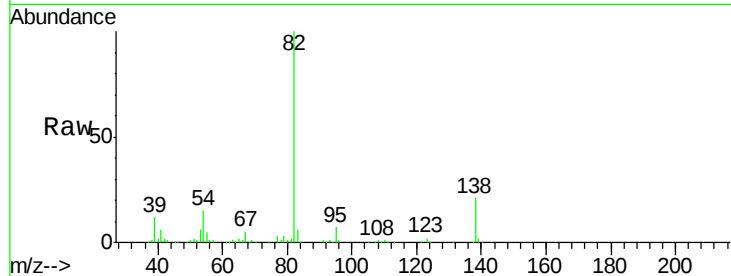
Tot Ion: 82 Resp: 306197

Ion Ratio Lower Upper

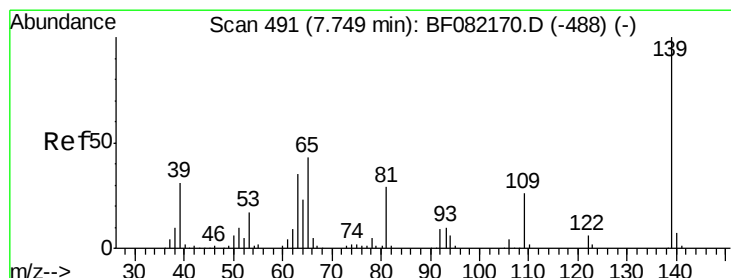
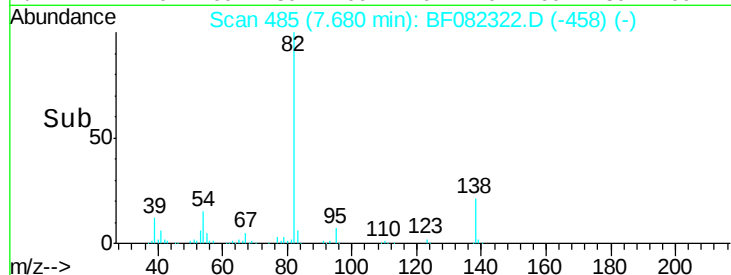
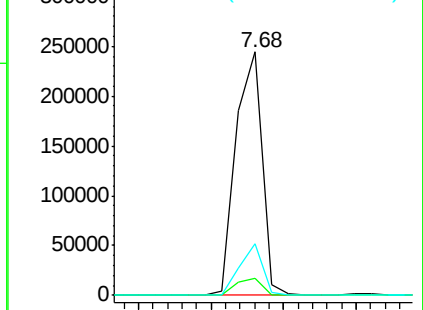
82 100

95 7.2 5.6 8.4

138 21.1 13.6 20.4#



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



#26

2-Nitrophenol

Concen: 37.31 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

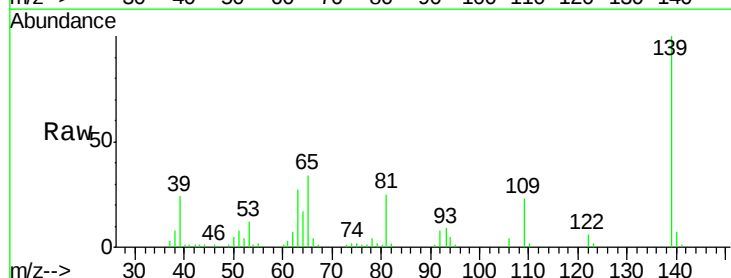
Tgt Ion: 139 Resp: 83143

Ion Ratio Lower Upper

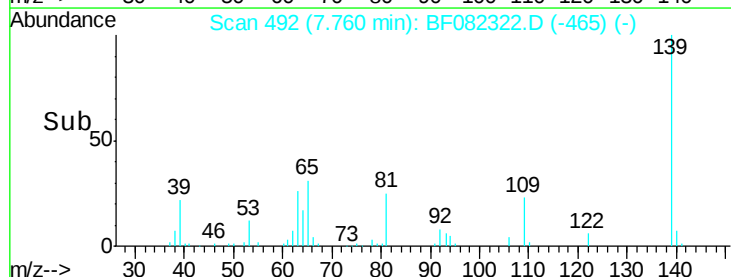
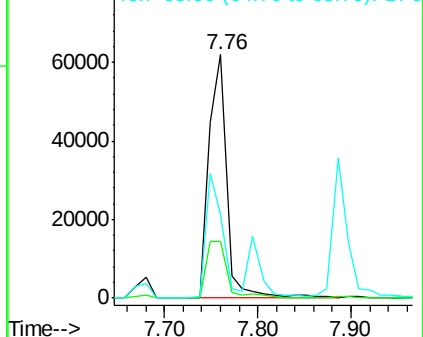
139 100

109 23.1 20.6 31.0

65 34.1 34.3 51.5#



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

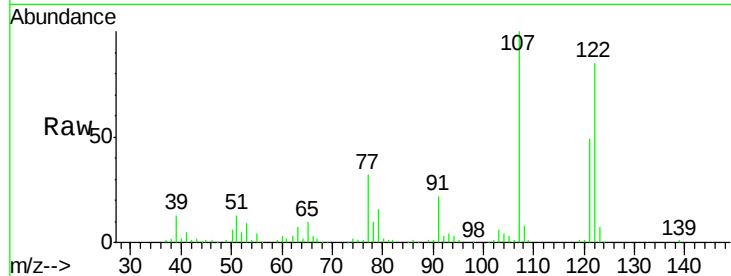




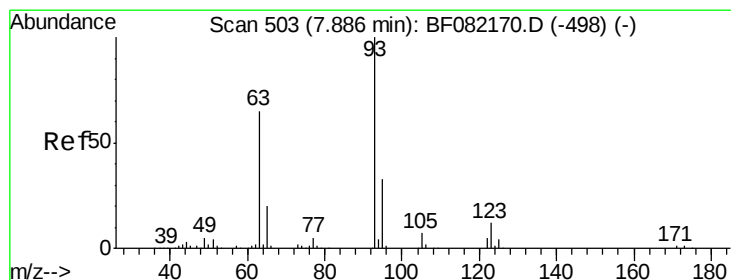
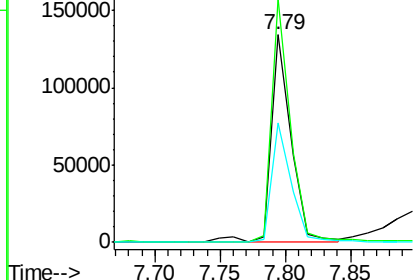
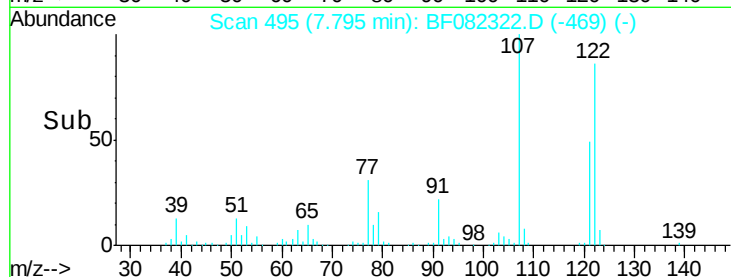
#27
 2,4-Dimethylphenol
 Concen: 40.25 ng
 RT: 7.79 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:122 Resp: 144524
 Ion Ratio Lower Upper
 122 100
 107 117.3 94.0 141.0
 121 57.6 46.8 70.2

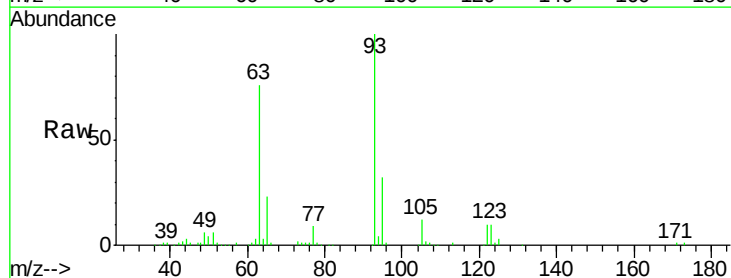


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

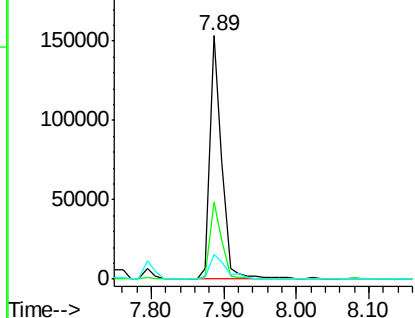
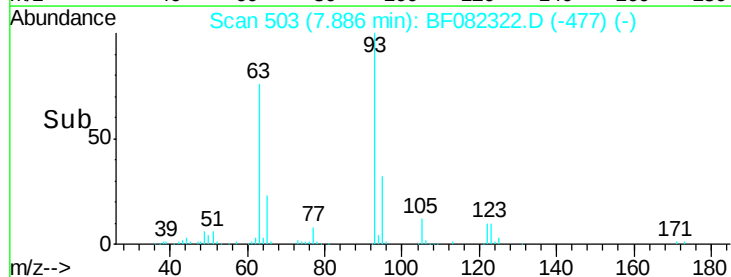


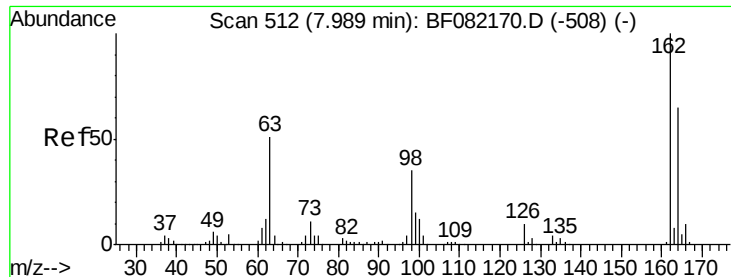
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.18 ng
 RT: 7.89 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion: 93 Resp: 175176
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 39.8
 123 10.3 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

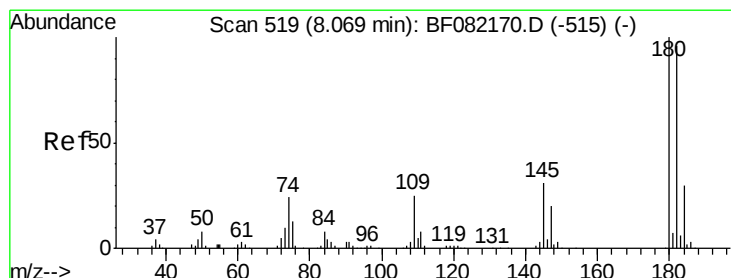
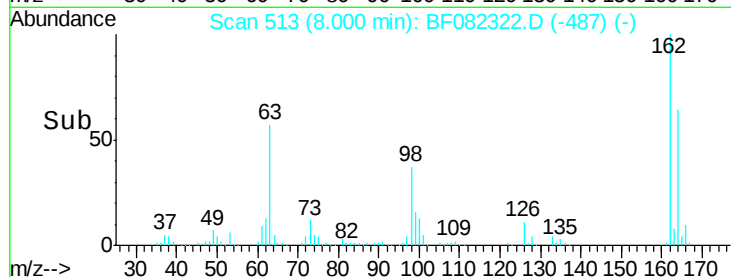
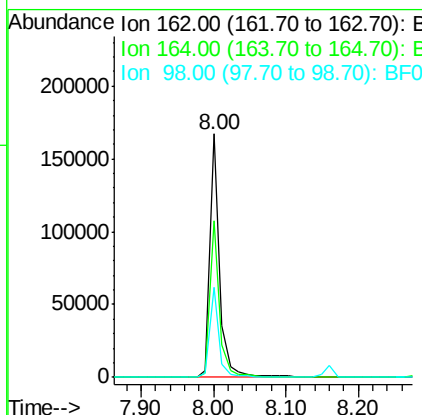
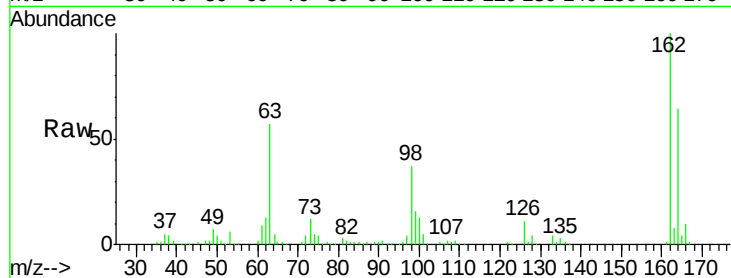




#29
 2,4-Dichlorophenol
 Concen: 43.20 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

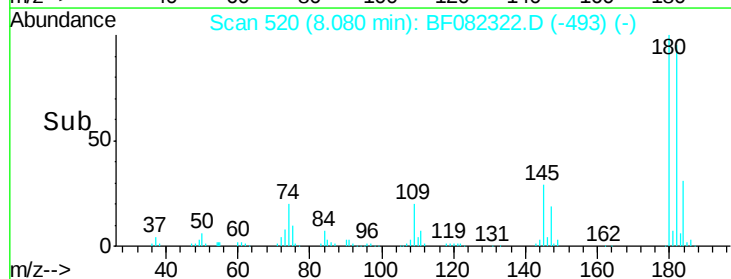
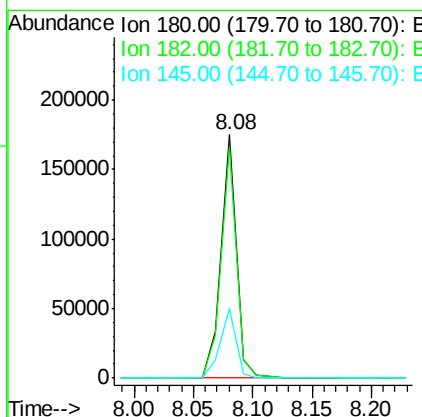
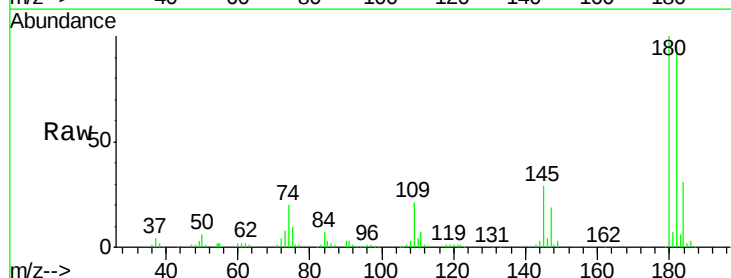
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

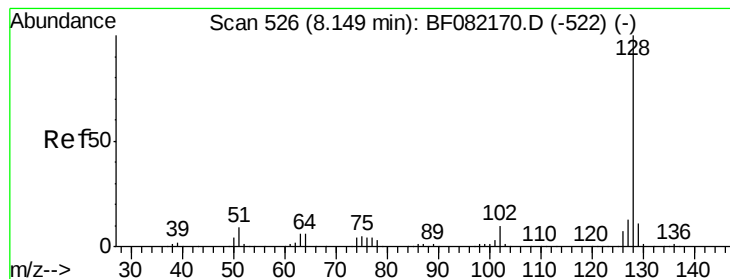
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	36.9	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.58 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.4
145	28.7	25.0	37.4





#31

Naphthalene

Concen: 40.49 ng

RT: 8.16 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

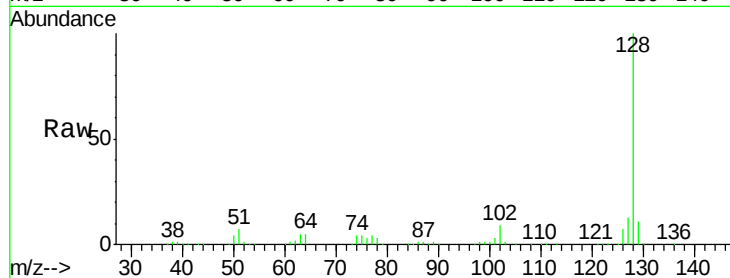
Tot Ion:128 Resp: 485977

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

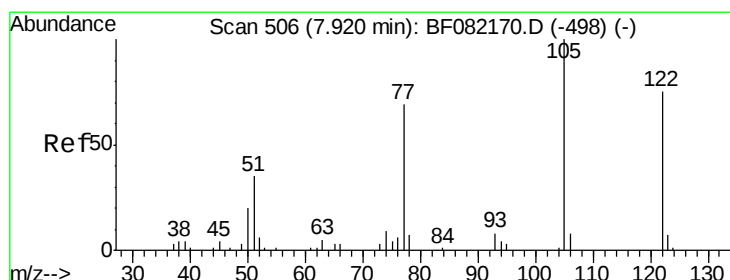
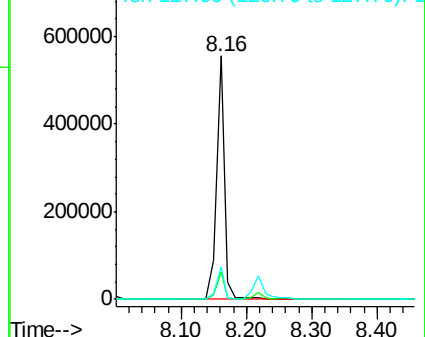
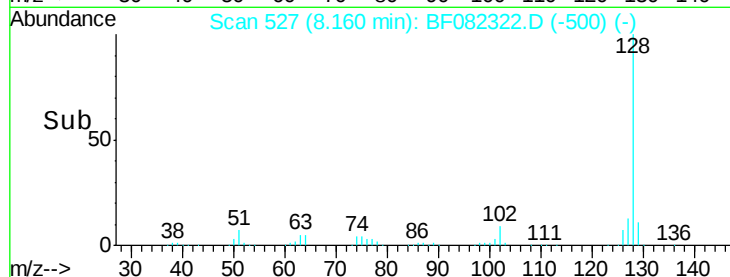
127 13.4 10.7 16.1



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: 39.64 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

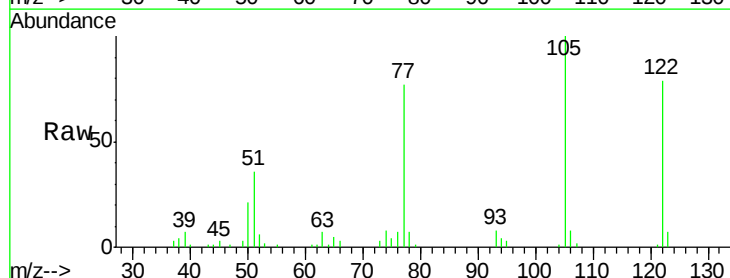
Tgt Ion:122 Resp: 95532

Ion Ratio Lower Upper

122 100

105 126.3 104.4 144.4

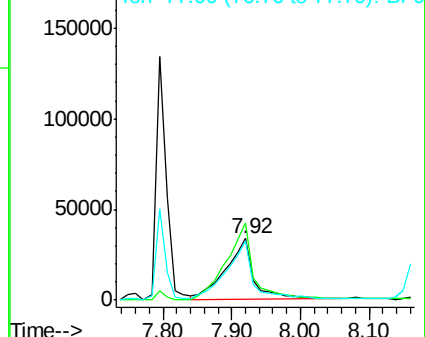
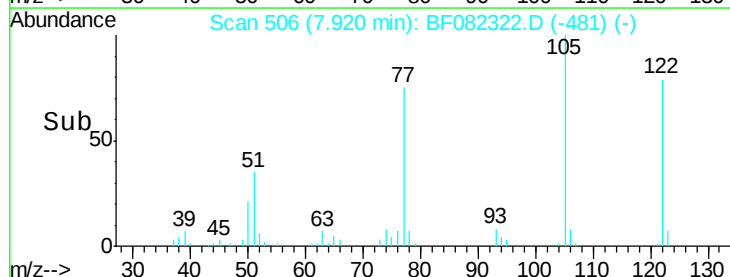
77 96.9 69.0 109.0



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

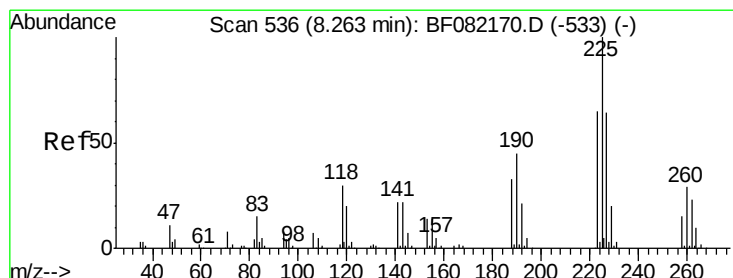
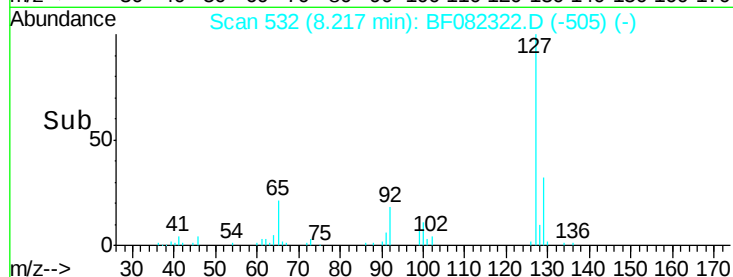
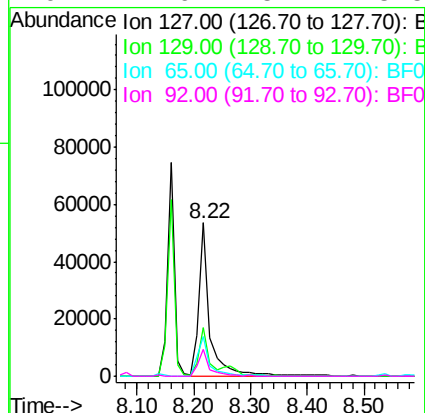
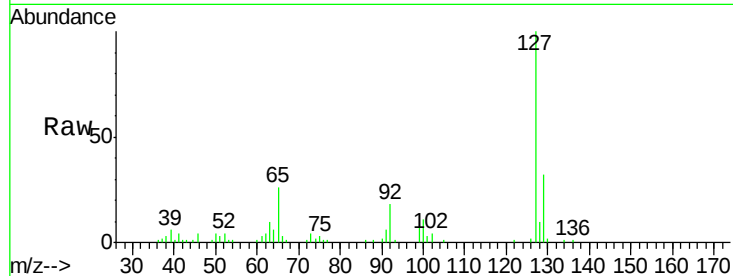




#33
4-Chloroaniline
Concen: 14.49 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

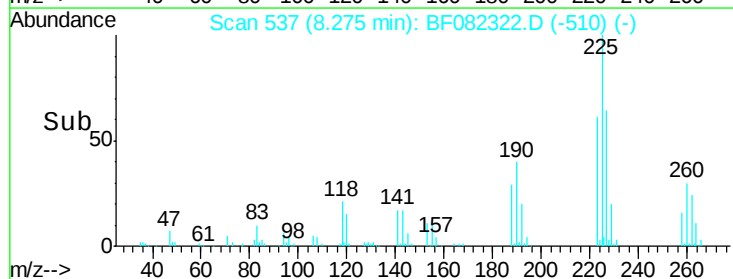
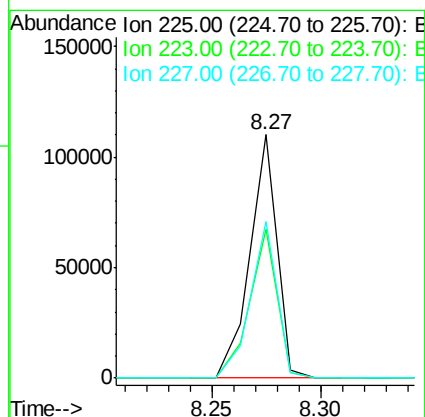
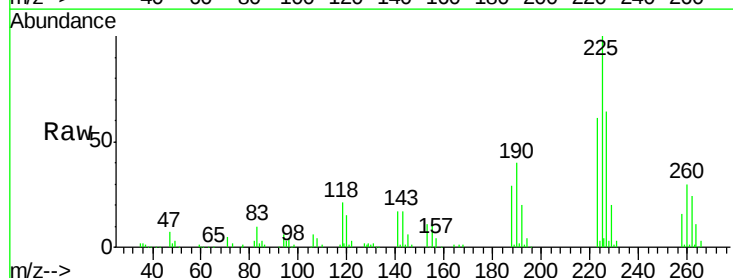
Instrument :
BNA_F
ClientSampleId :
PB86109BS

Tot Ion:	127	Resp:	72241
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	25.6	24.4	36.6
92	17.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 36.84 ng
RT: 8.27 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:	225	Resp:	94957
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.2	78.2
227	64.2	51.3	76.9

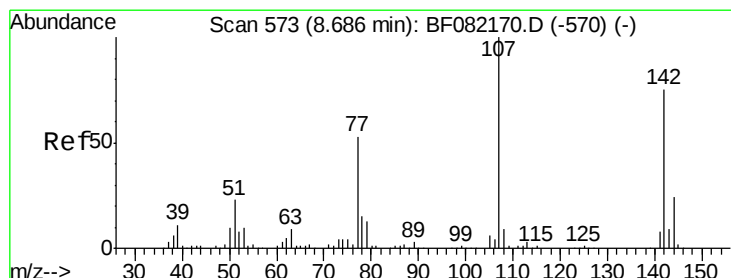
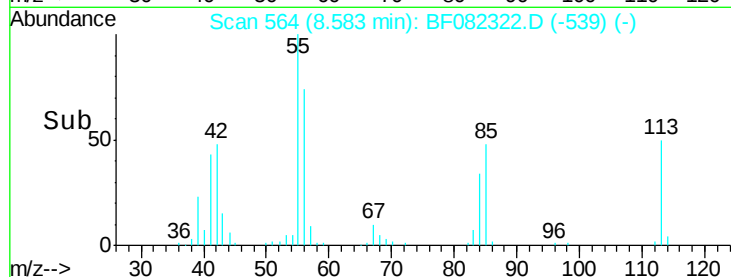
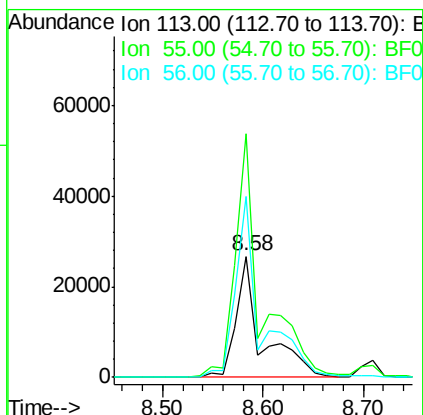
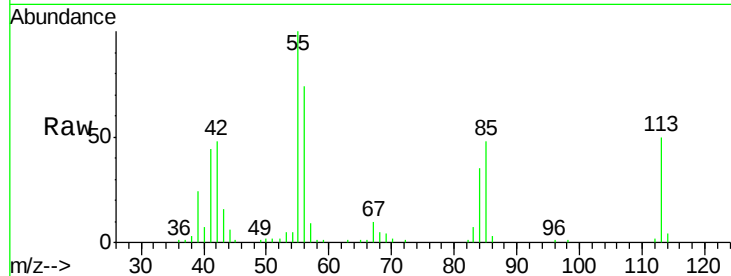




#35
Caprolactam
Concen: 45.38 ng
RT: 8.58 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

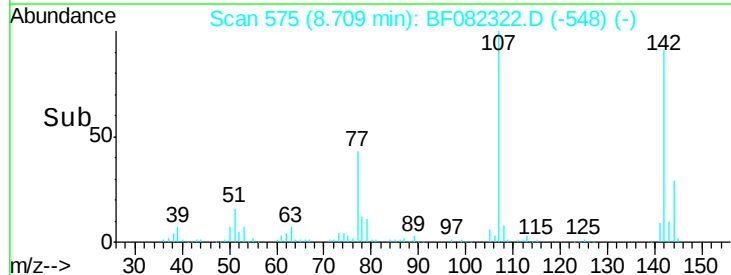
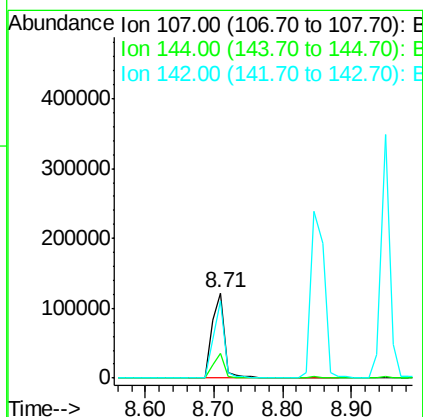
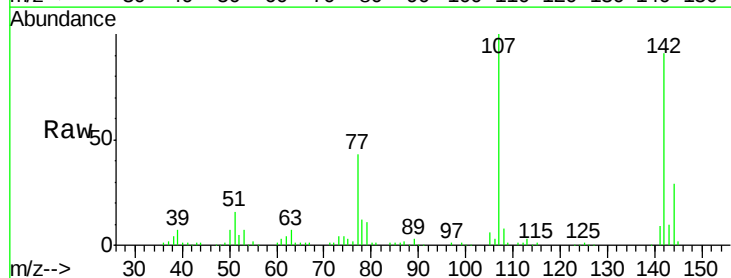
Instrument :
BNA_F
ClientSampleId :
PB86109BS

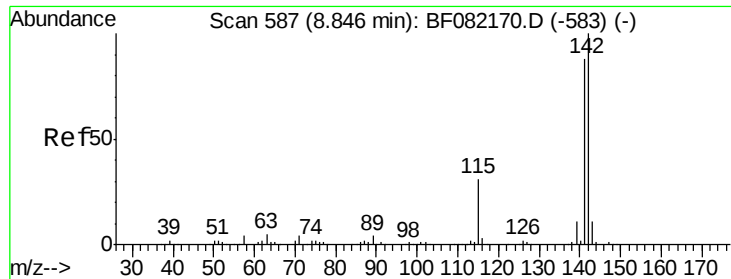
Tot Ion:113 Resp: 47269
Ion Ratio Lower Upper
113 100
55 201.1 149.7 189.7#
56 149.4 105.4 145.4#



#36
4-Chloro-3-methylphenol
Concen: 44.43 ng
RT: 8.71 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:107 Resp: 155949
Ion Ratio Lower Upper
107 100
144 29.2 19.3 28.9#
142 90.6 59.9 89.9#

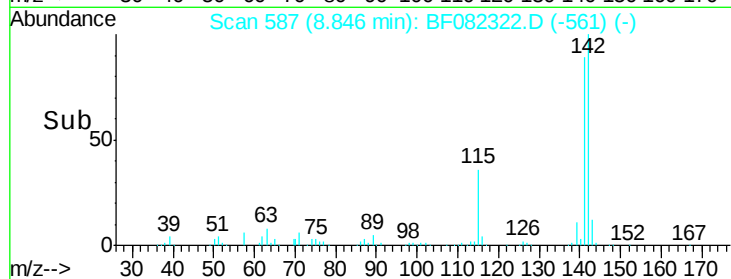
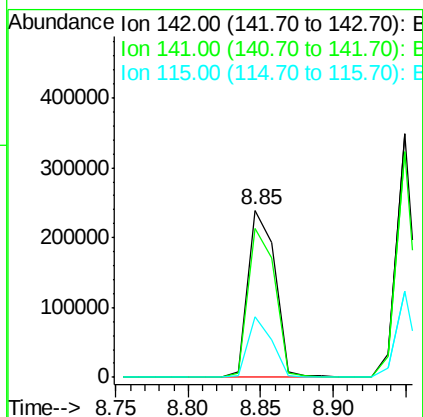
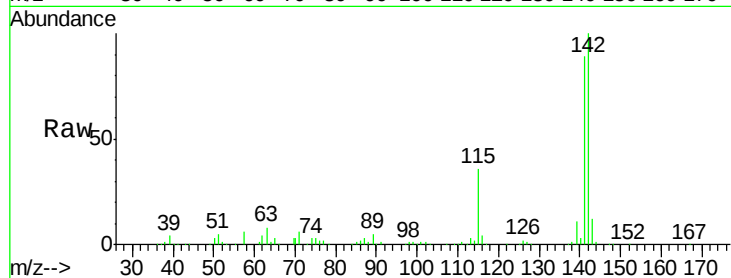




#37
 2-Methylnaphthalene
 Concen: 37.38 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

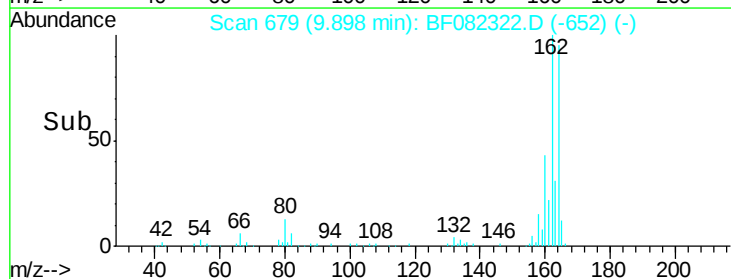
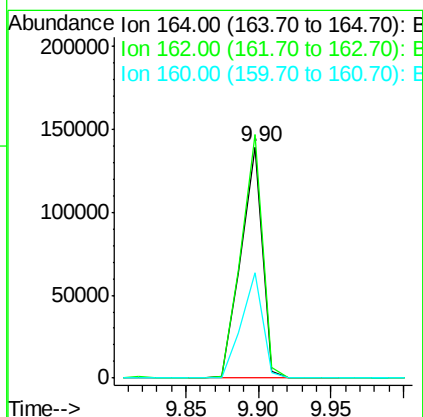
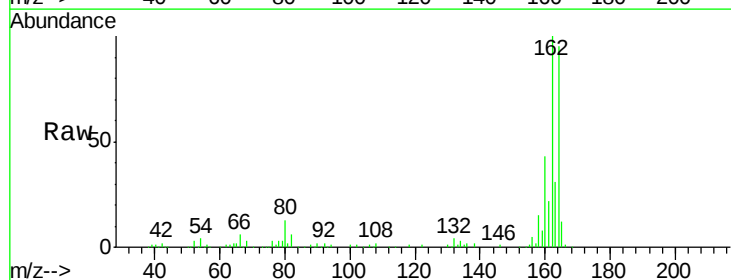
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:142 Resp: 311018
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 35.9 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:164 Resp: 143855
 Ion Ratio Lower Upper
 164 100
 162 105.3 81.6 122.4
 160 45.6 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.78 ng

RT: 9.02 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

Tot Ion:216 Resp: 170228

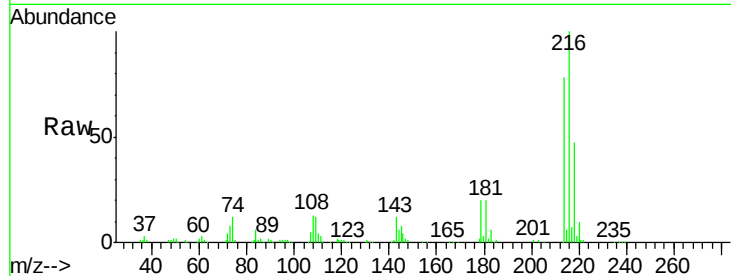
Ion Ratio Lower Upper

216 100

214 77.7 64.6 97.0

179 20.6 17.6 26.4

108 17.2 14.5 21.7

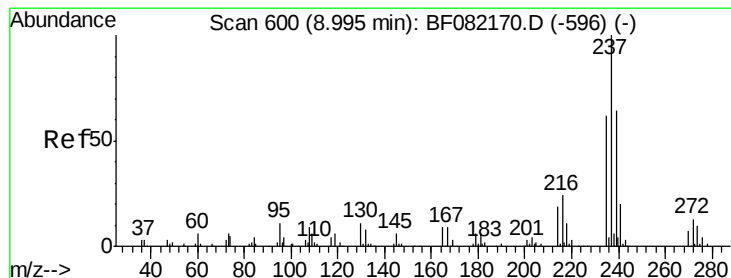
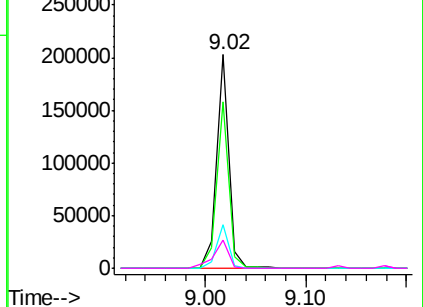
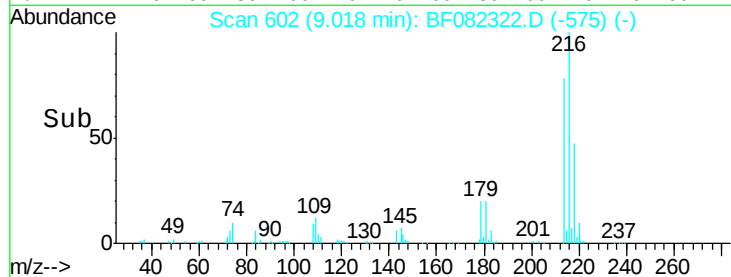


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 53.79 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

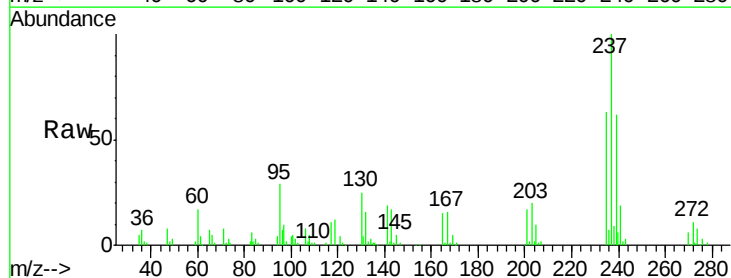
Tgt Ion:237 Resp: 109885

Ion Ratio Lower Upper

237 100

235 63.3 41.7 81.7

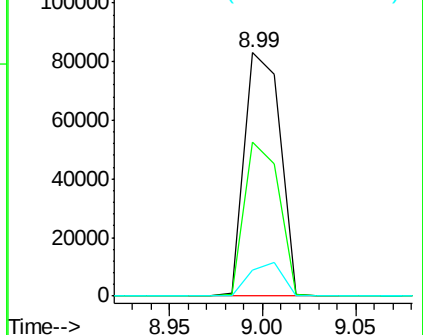
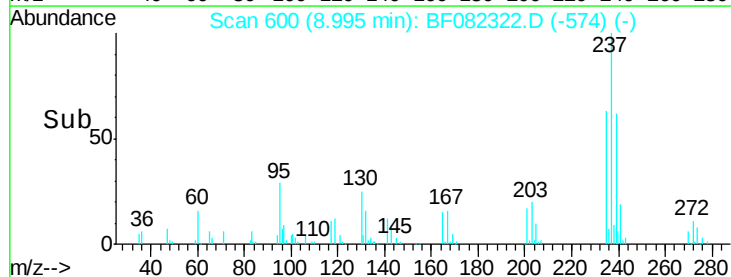
272 10.9 0.0 32.8

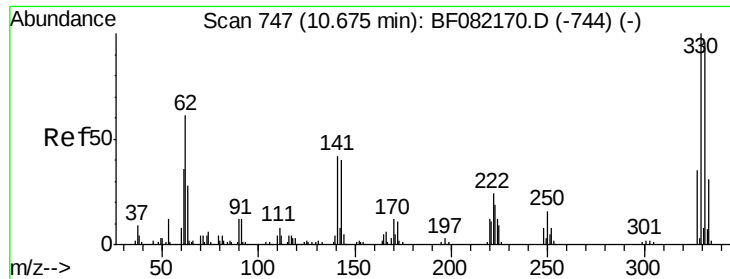


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

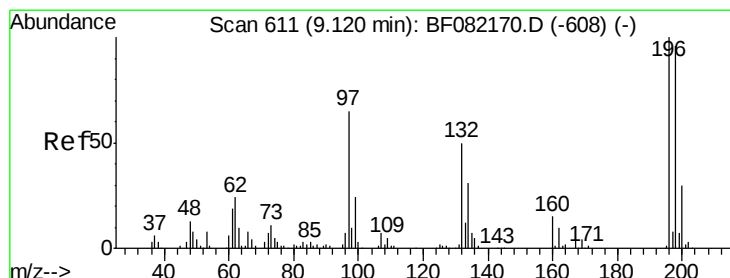
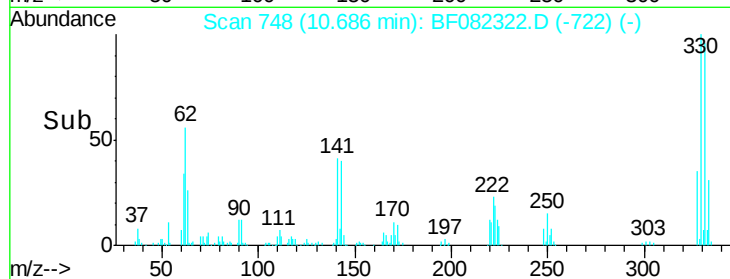
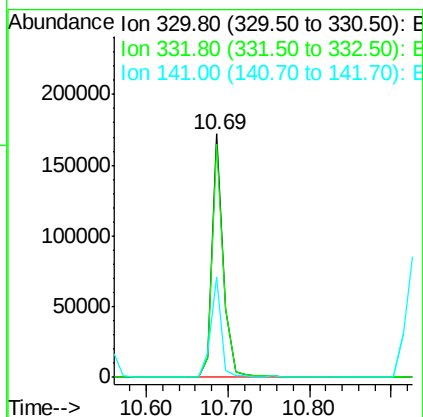
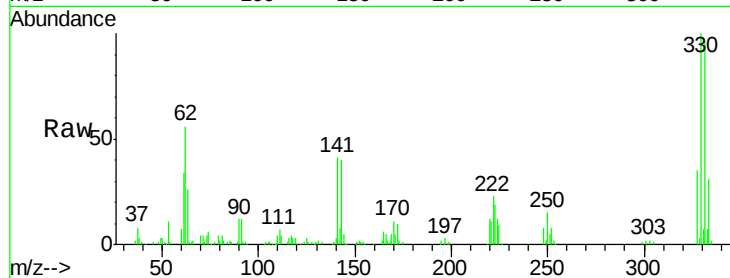




#41
 2,4,6-Tribromophenol
 Concen: 125.11 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

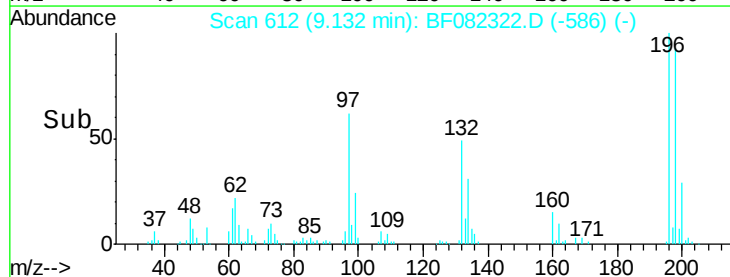
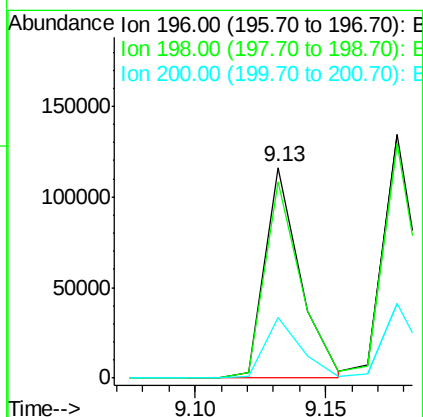
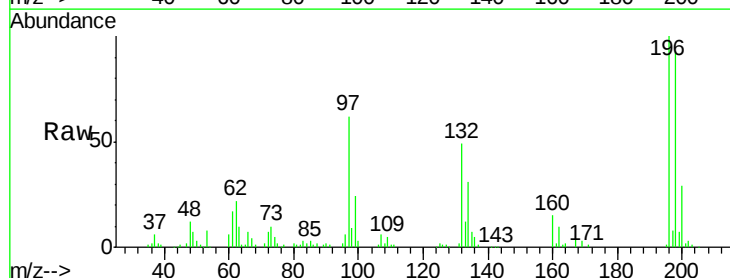
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

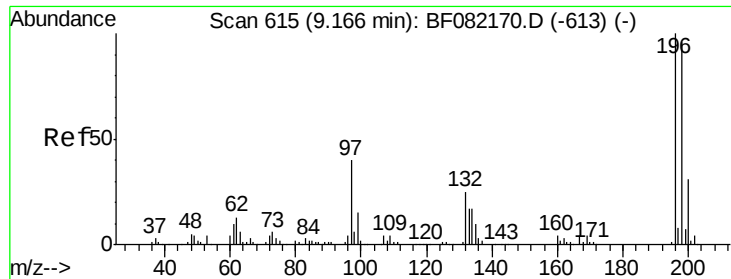
Tot Ion:330 Resp: 168790
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 39.0 29.8 44.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.72 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:196 Resp: 110030
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 200 28.7 23.7 35.5

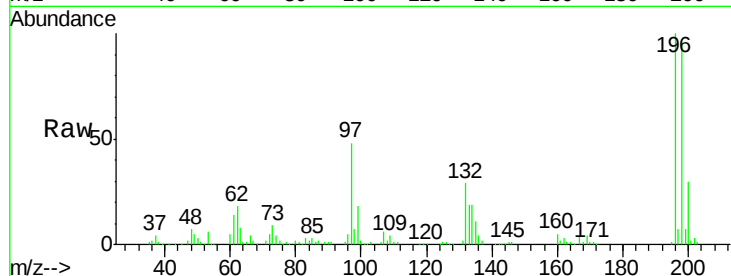




#43
 2,4,5-Trichlorophenol
 Concen: 40.90 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion	196	Resp	125906
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.0	115.4
97	48.4	31.9	47.9
132	29.1	20.3	30.5



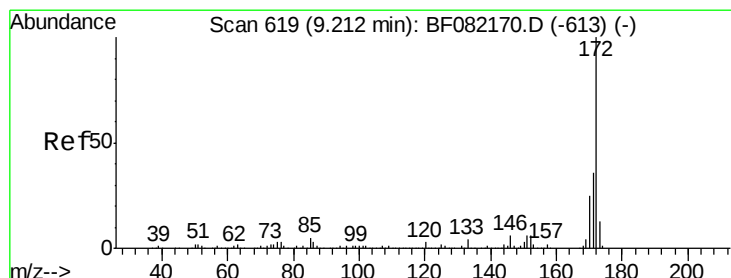
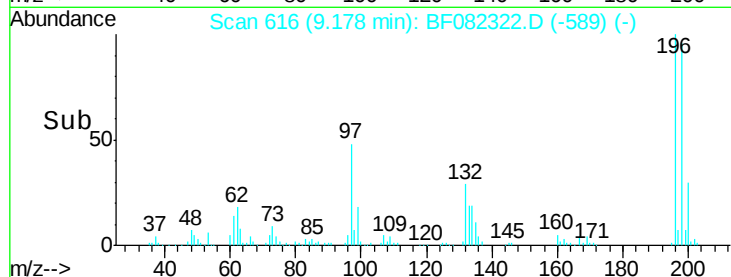
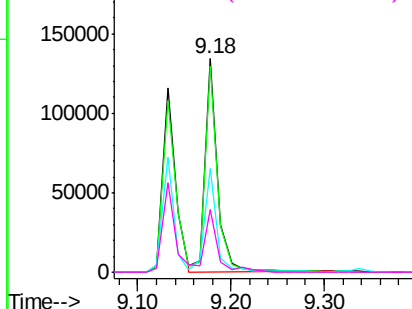
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

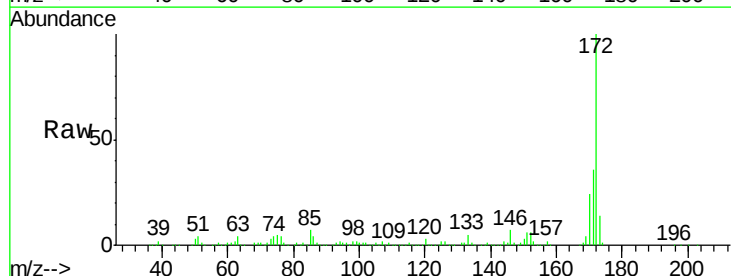
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion	172	Resp	673583
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	42.8
170	24.5	19.7	29.5

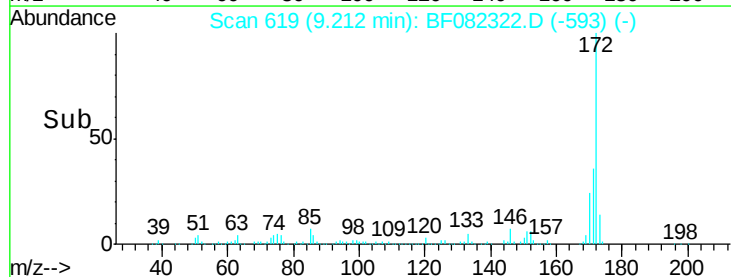
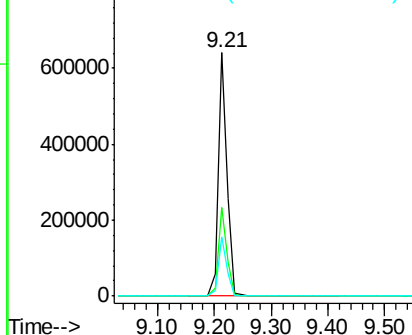


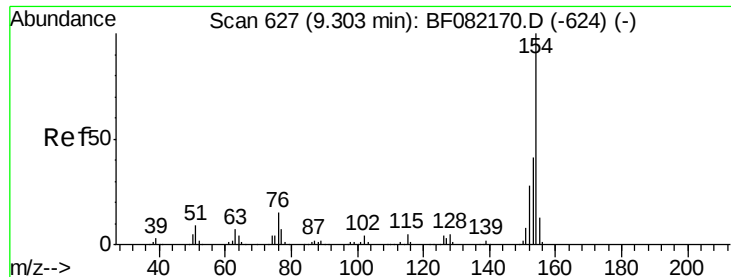
Abundance

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: 38.51 ng

RT: 9.31 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

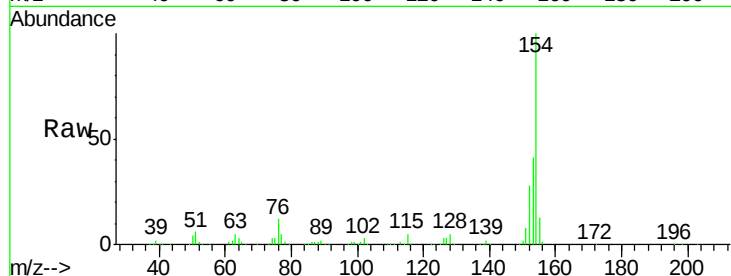
Tot Ion:154 Resp: 422412

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

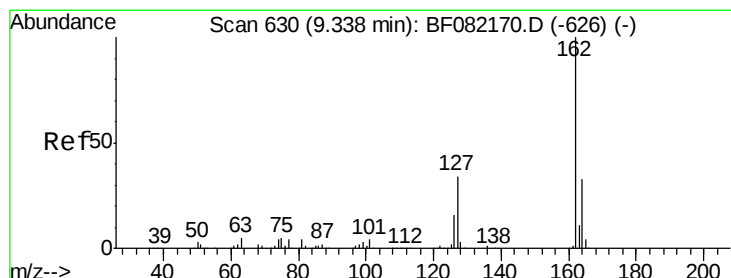
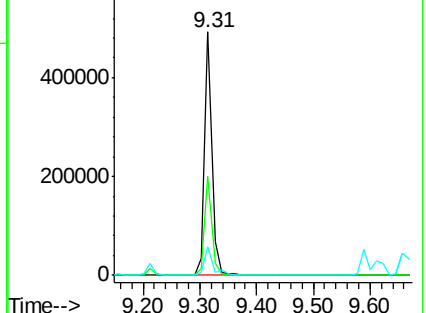
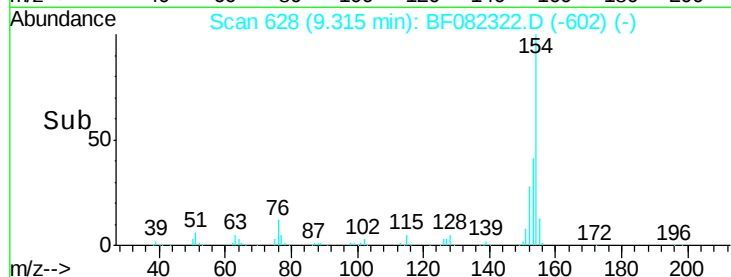
76 11.8 0.0 35.2



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: 36.57 ng

RT: 9.34 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

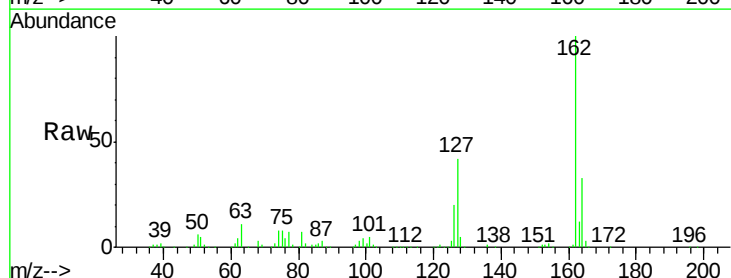
Tgt Ion:162 Resp: 315829

Ion Ratio Lower Upper

162 100

127 41.6 27.5 41.3#

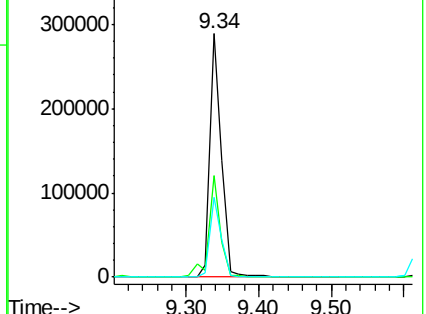
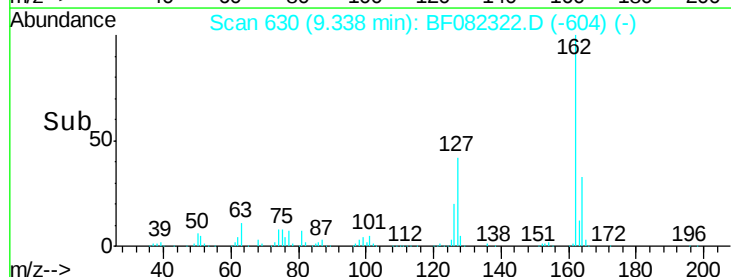
164 32.7 26.6 39.8

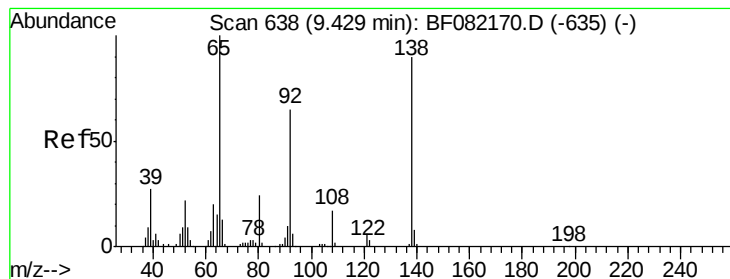


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.66 ng

RT: 9.44 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

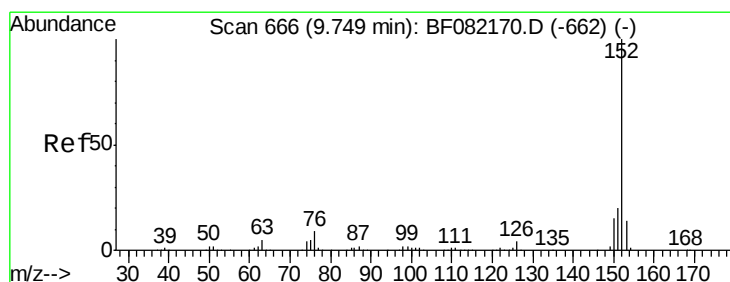
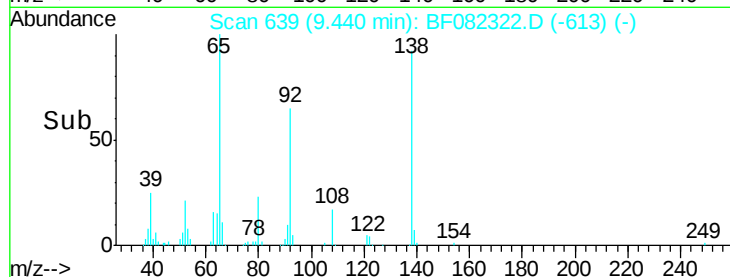
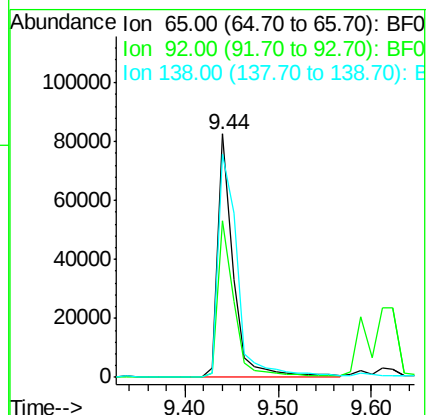
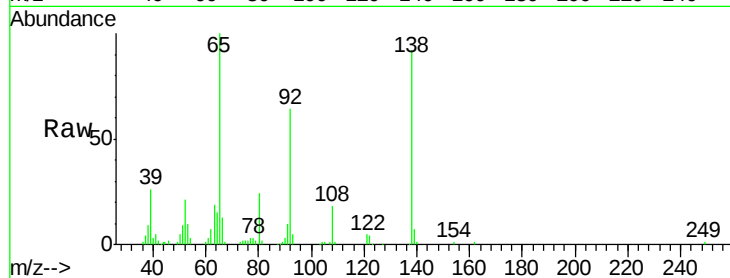
Tot Ion: 65 Resp: 96388

Ion Ratio Lower Upper

65 100

92 64.5 52.3 78.5

138 91.6 72.2 108.4



#48

Acenaphthylene

Concen: 40.82 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

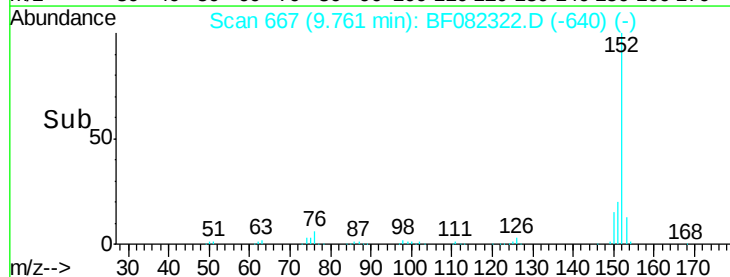
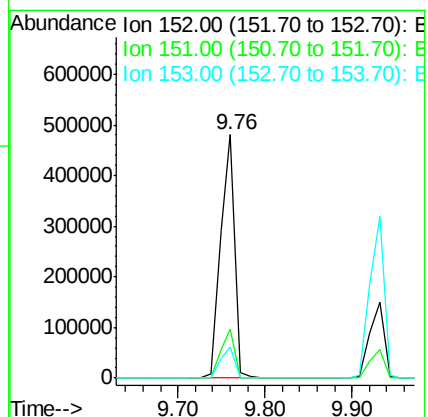
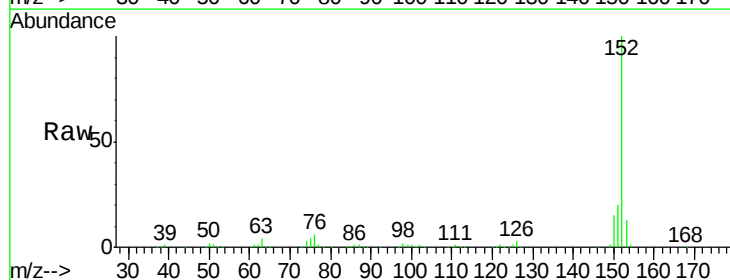
Tgt Ion: 152 Resp: 549089

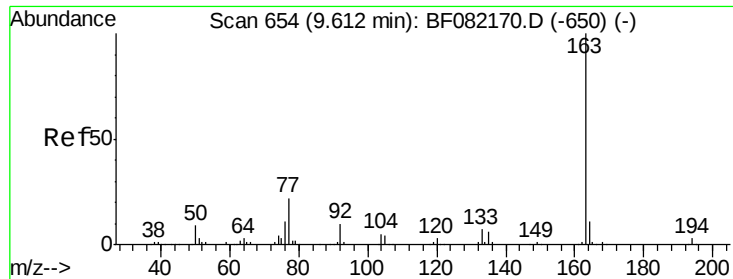
Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 12.8 10.8 16.2

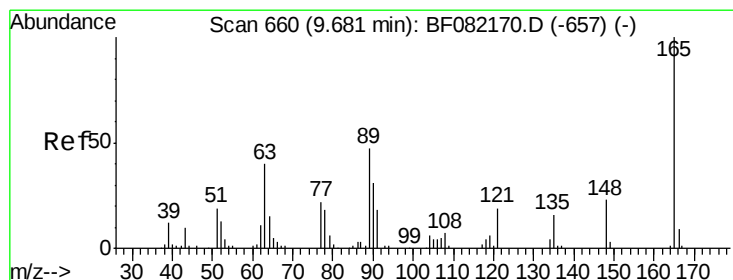
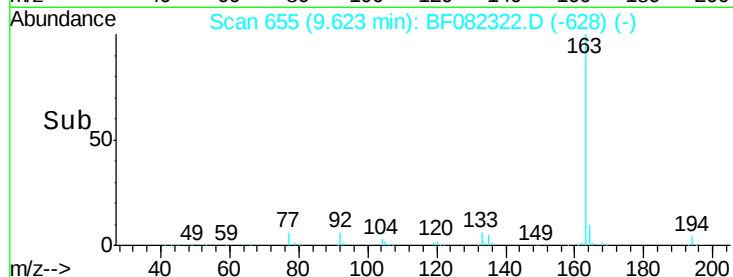
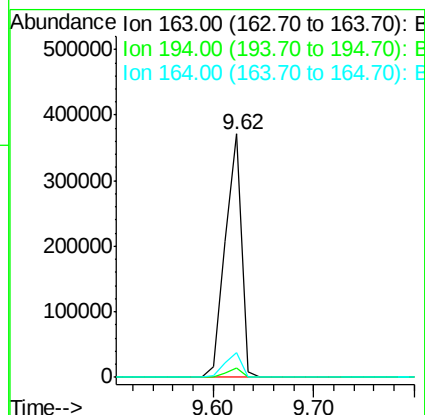
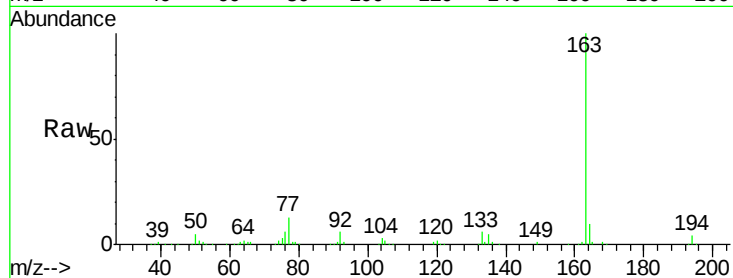




#49
Dimethylphthalate
Concen: 41.15 ng
RT: 9.62 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

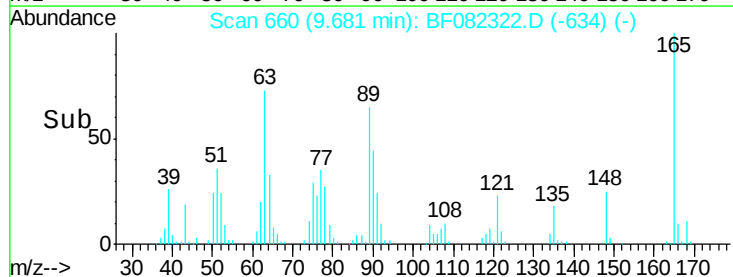
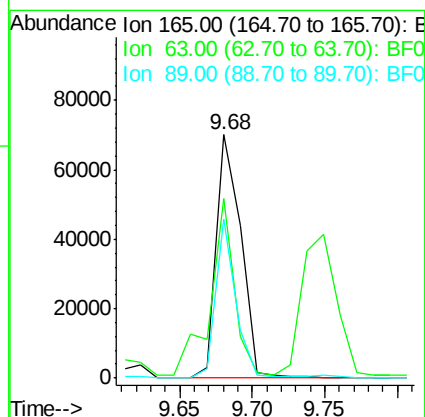
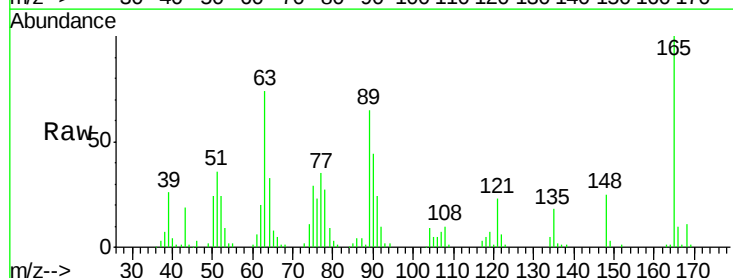
Instrument :
BNA_F
ClientSampleID :
PB86109BS

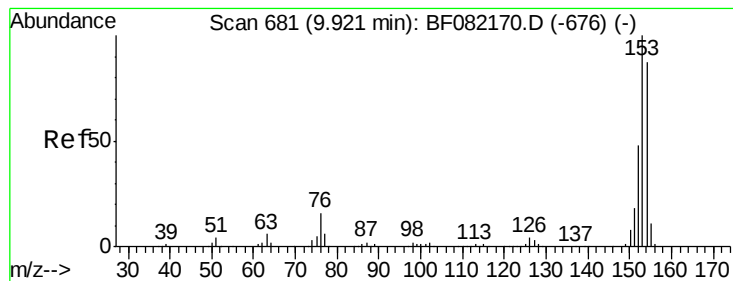
Tot Ion:163 Resp: 416827
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.0 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 38.68 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:165 Resp: 82675
Ion Ratio Lower Upper
165 100
63 74.0 36.7 55.1#
89 65.4 37.8 56.6#





#51

Acenaphthene

Concen: 38.94 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

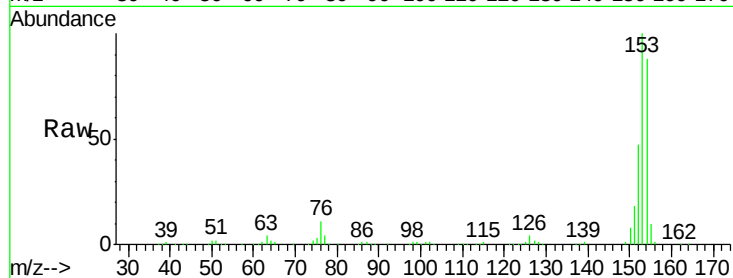
Tot Ion:154 Resp: 314437

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

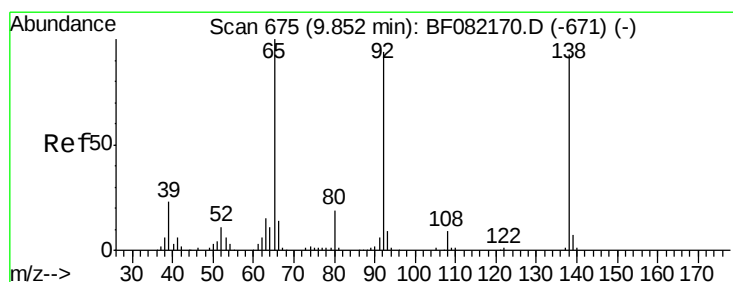
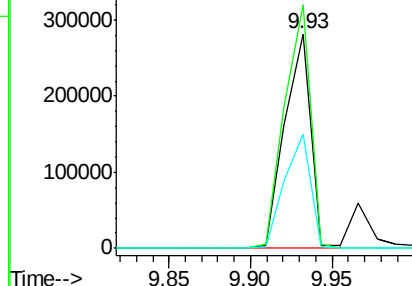
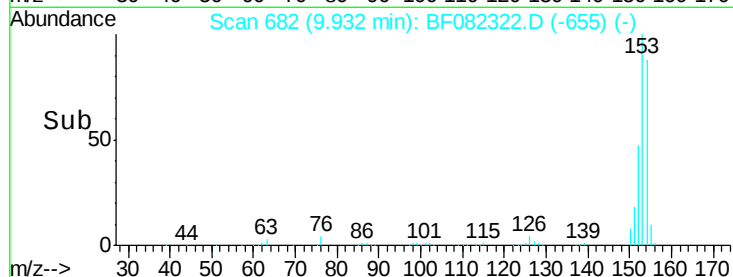
152 53.2 44.3 66.5



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: 22.35 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

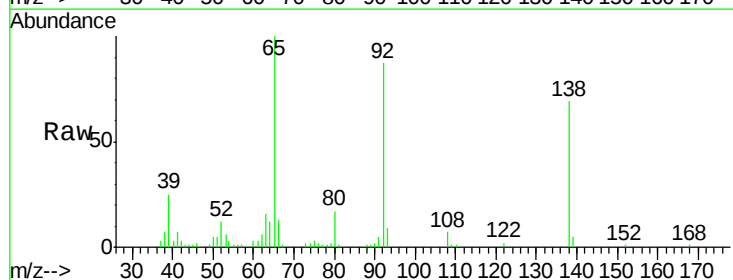
Tgt Ion:138 Resp: 53953

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.0

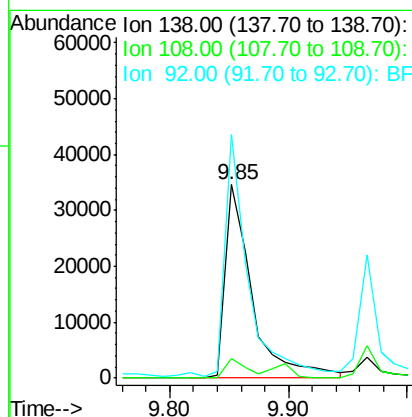
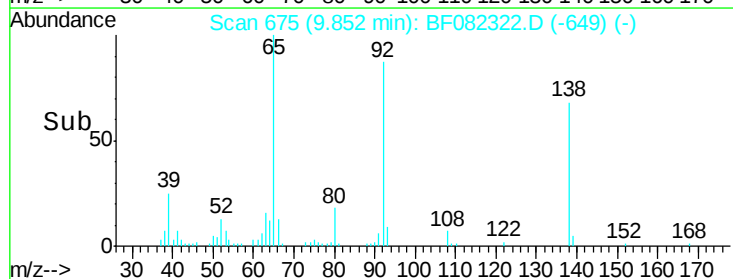
92 125.9 81.3 121.9#



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

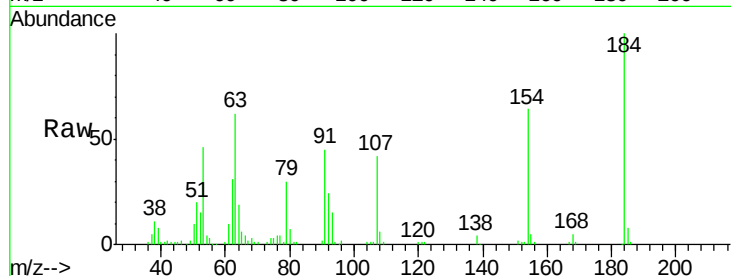




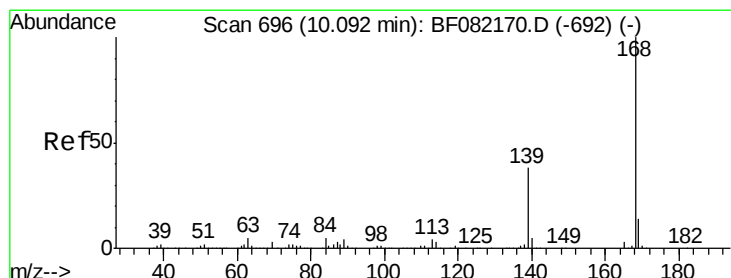
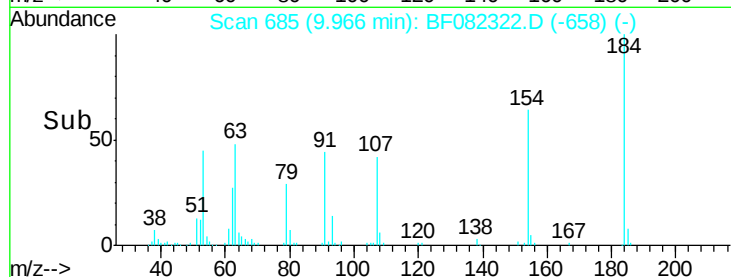
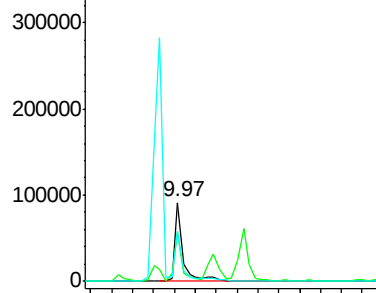
#53
2,4-Dinitrophenol
Concen: 86.88 ng
RT: 9.97 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB86109BS

Tot Ion:184 Resp: 104478
Ion Ratio Lower Upper
184 100
63 61.8 45.1 67.7
154 64.3 51.2 76.8

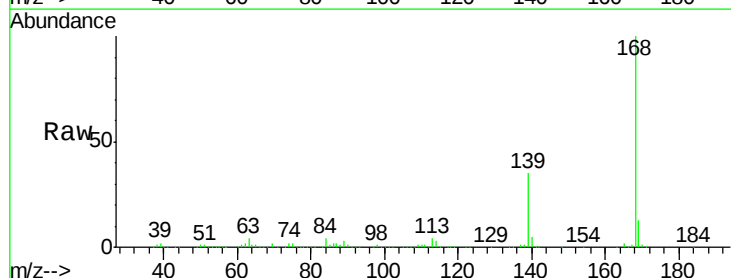


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

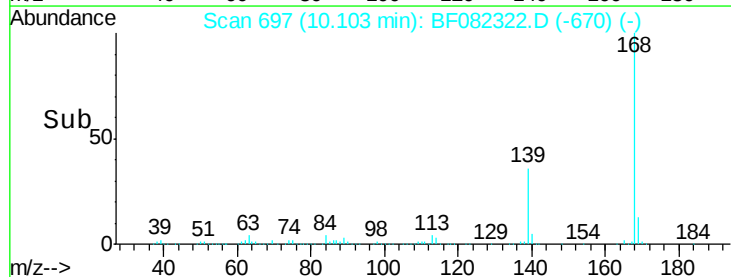
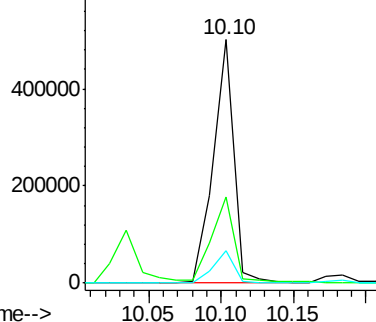


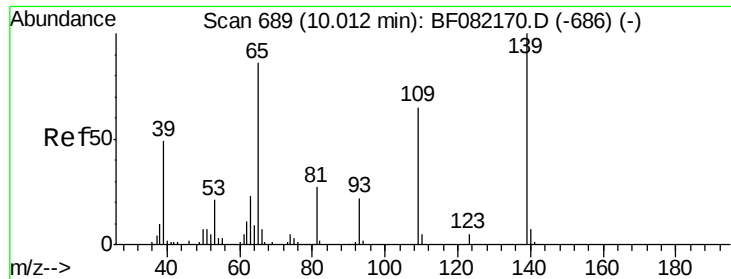
#54
Dibenzofuran
Concen: 44.79 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:168 Resp: 496597
Ion Ratio Lower Upper
168 100
139 35.5 31.0 46.6
169 13.1 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

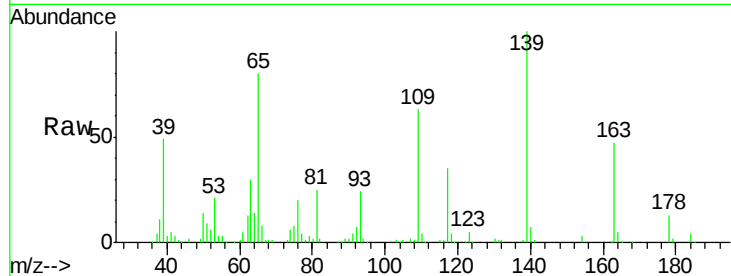




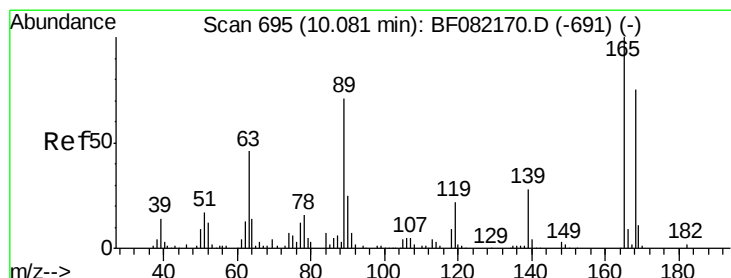
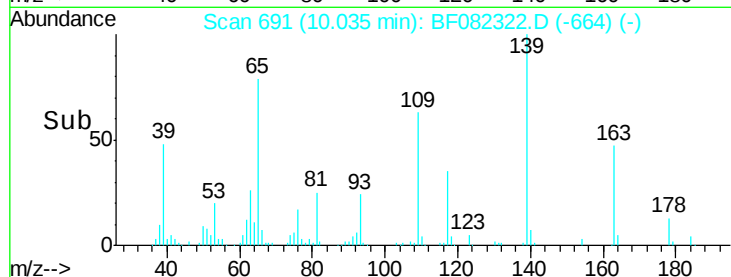
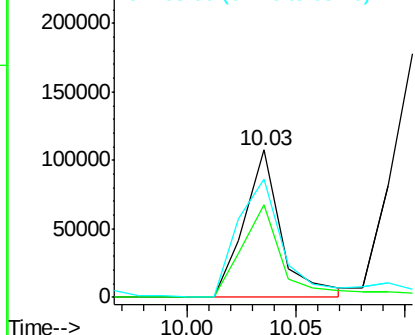
#55
4-Nitrophenol
Concen: 77.97 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB86109BS

Tot Ion:139 Resp: 128762
Ion Ratio Lower Upper
139 100
109 63.0 44.8 84.8
65 79.9 67.7 107.7

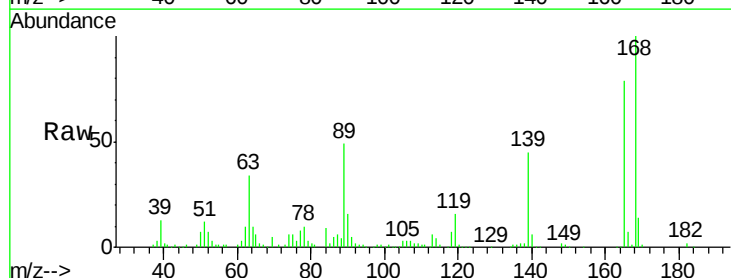


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

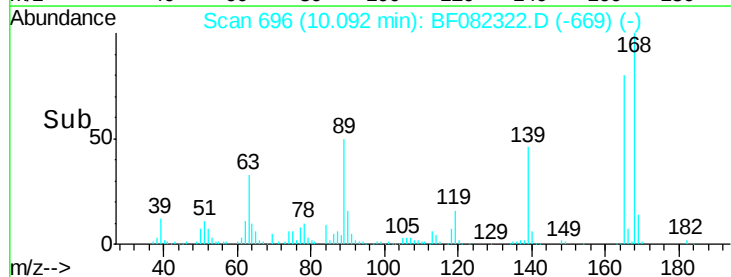
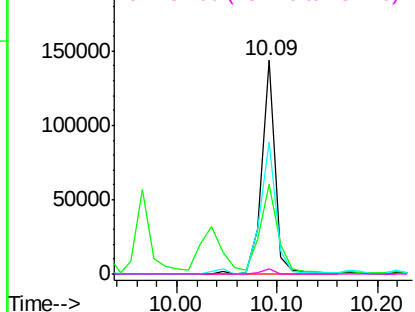


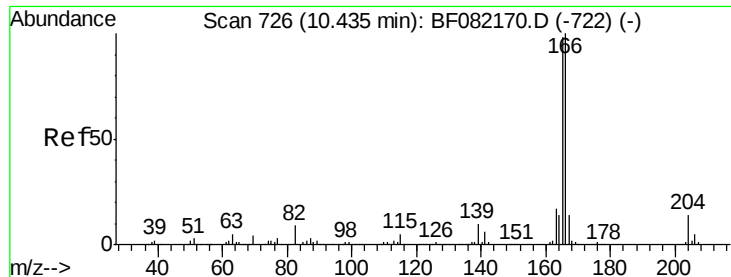
#56
2,4-Dinitrotoluene
Concen: 49.77 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:165 Resp: 132949
Ion Ratio Lower Upper
165 100
63 42.2 38.6 58.0
89 62.0 57.0 85.6
182 2.3 1.8 2.6



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





#57

Fluorene

Concen: 44.39 ng

RT: 10.45 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

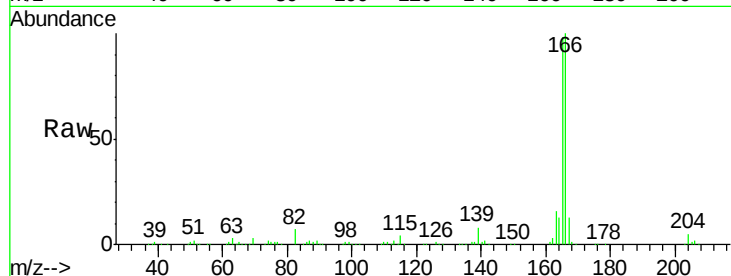
Tot Ion:166 Resp: 404239

Ion Ratio Lower Upper

166 100

165 98.4 78.3 117.5

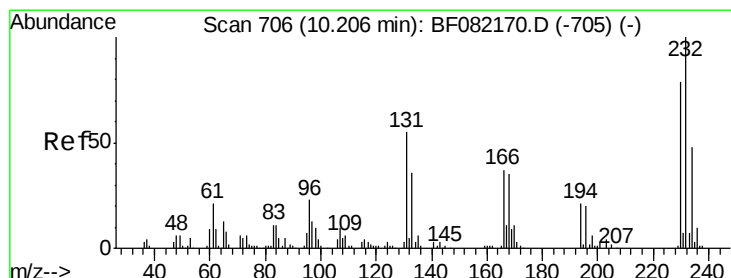
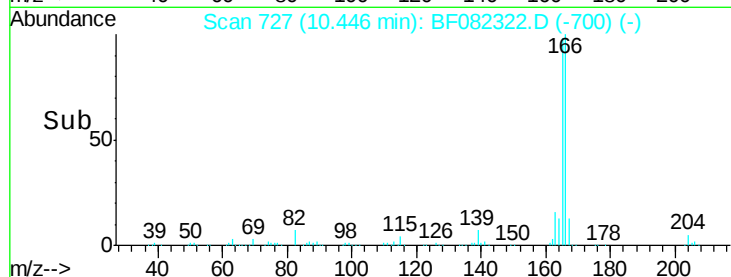
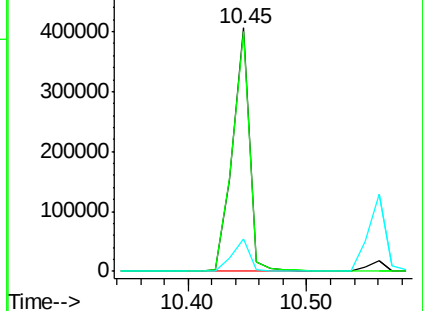
167 13.3 10.8 16.2



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: 41.79 ng

RT: 10.22 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Tgt Ion:232 Resp: 105109

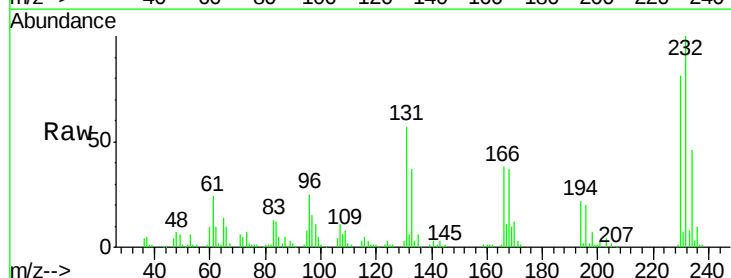
Ion Ratio Lower Upper

232 100

131 44.6 36.6 54.8

130 2.0 1.5 2.3

166 29.0 24.6 37.0

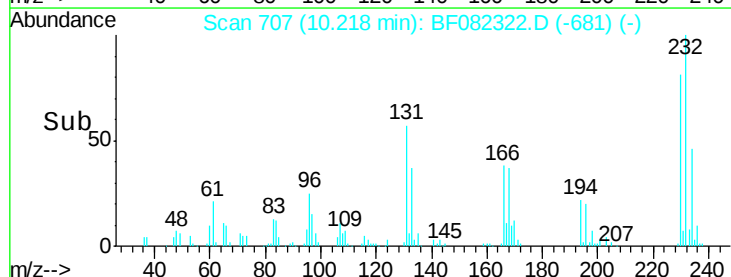
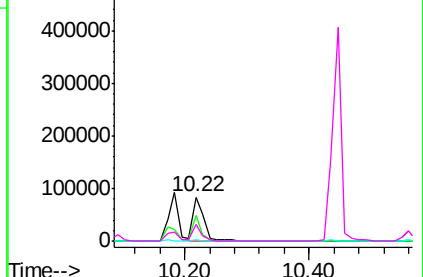


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.34 ng

RT: 10.32 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

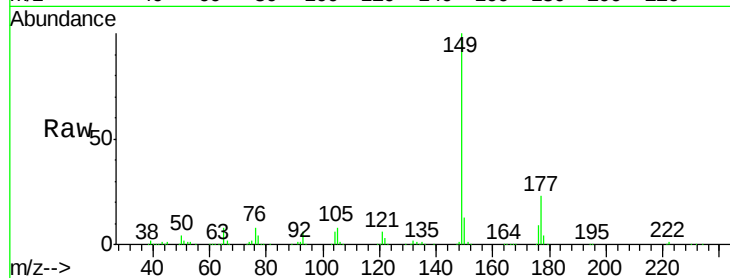
Tot Ion:149 Resp: 428139

Ion Ratio Lower Upper

149 100

177 23.0 17.6 26.4

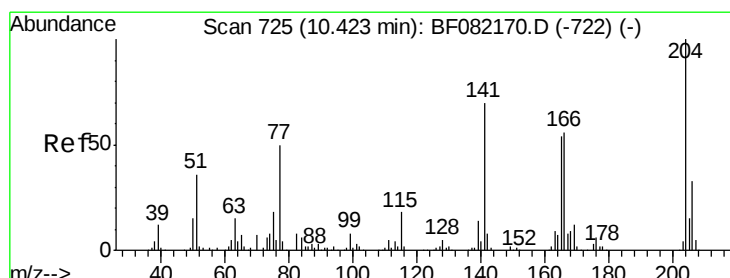
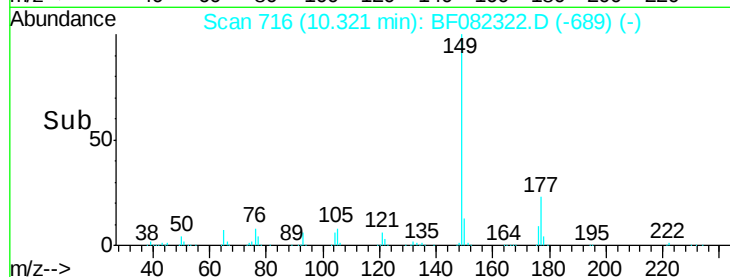
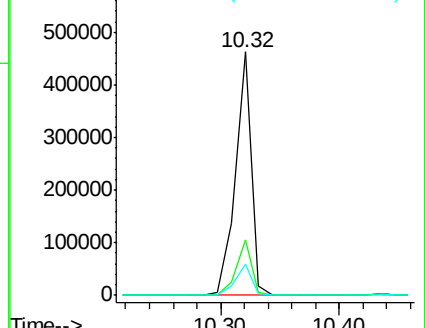
150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.62 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

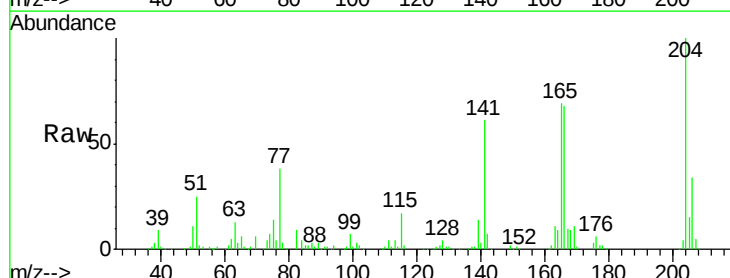
Tgt Ion:204 Resp: 186123

Ion Ratio Lower Upper

204 100

206 34.2 26.8 40.2

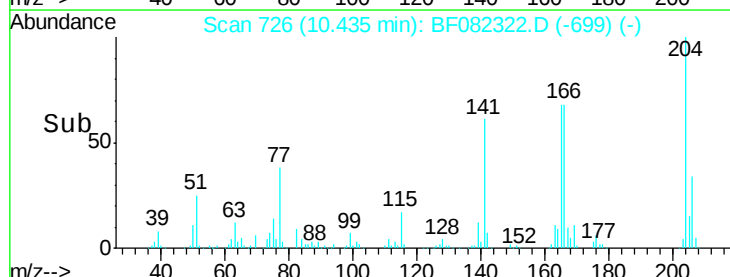
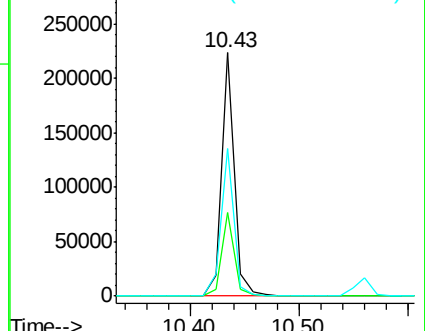
141 60.8 56.1 84.1

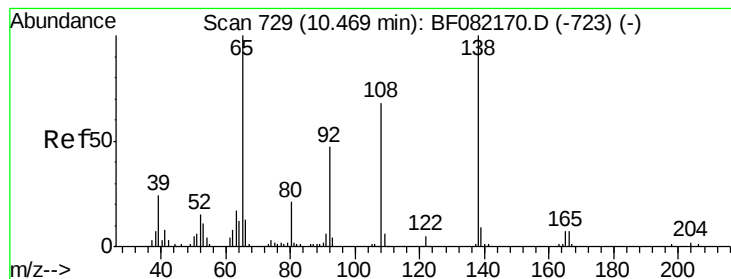


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.42 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

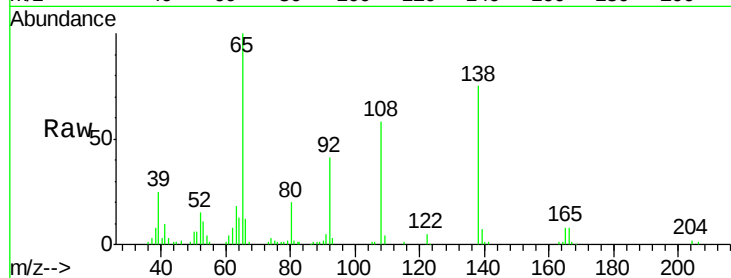
Tot Ion:138 Resp: 99342

Ion Ratio Lower Upper

138 100

92 54.4 26.8 66.8

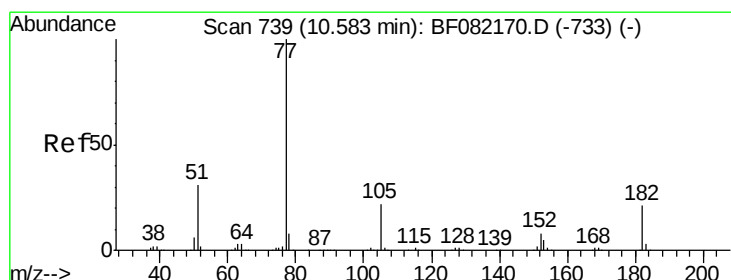
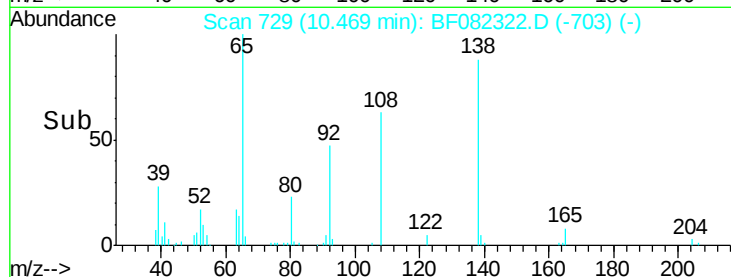
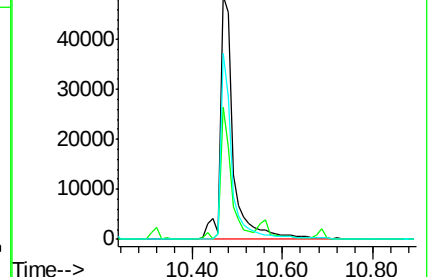
108 76.5 48.4 88.4



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: 44.26 ng

RT: 10.59 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Tgt Ion: 77 Resp: 409069

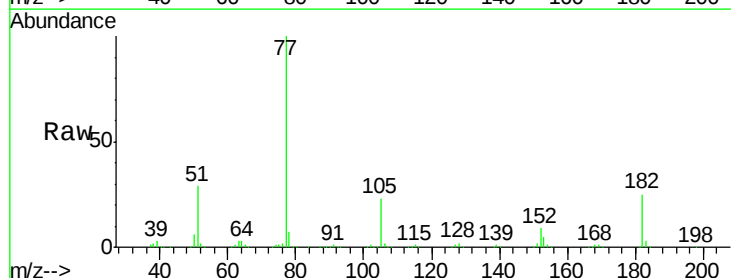
Ion Ratio Lower Upper

77 100

182 24.7 0.5 40.5

105 22.6 1.8 41.8

51 28.8 11.2 51.2

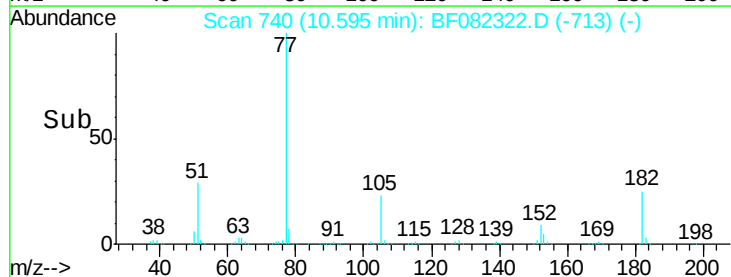
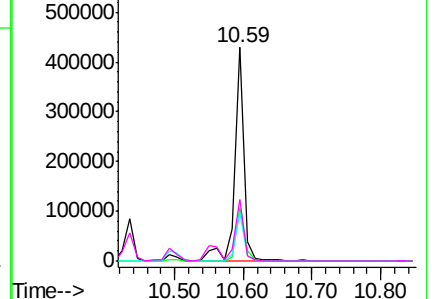


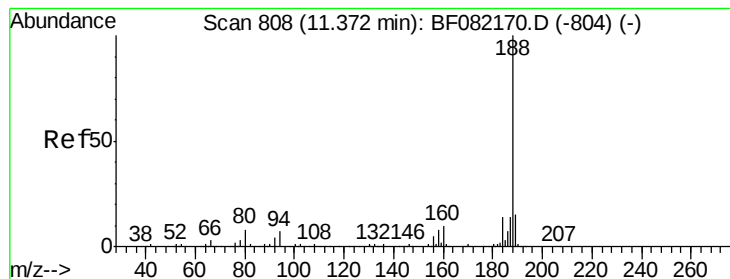
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.38 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

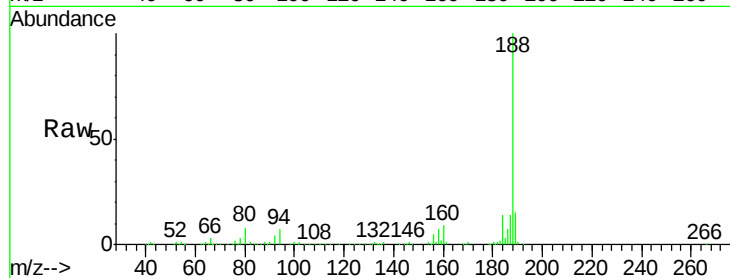
Tot Ion:188 Resp: 303278

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

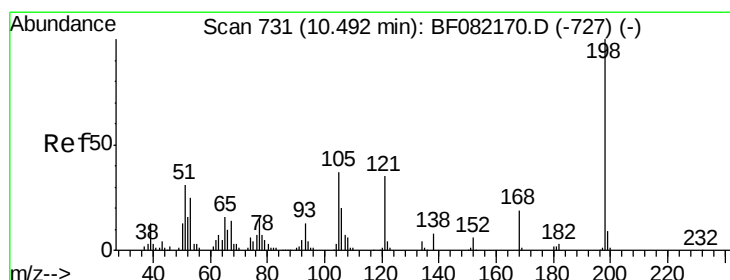
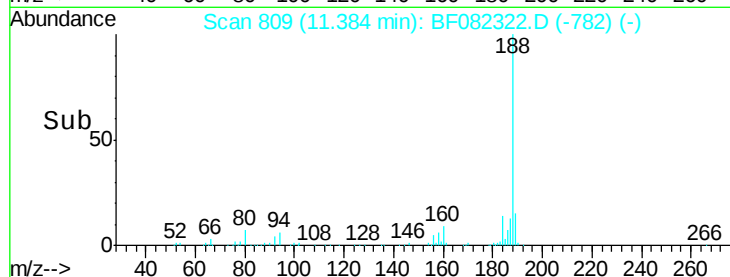
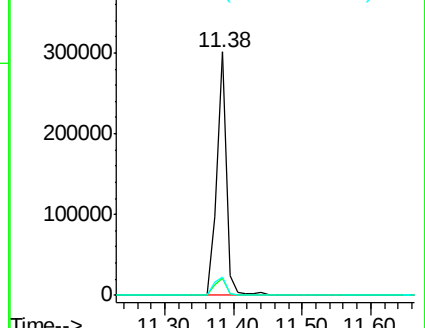
80 7.7 6.4 9.6



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: 39.73 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

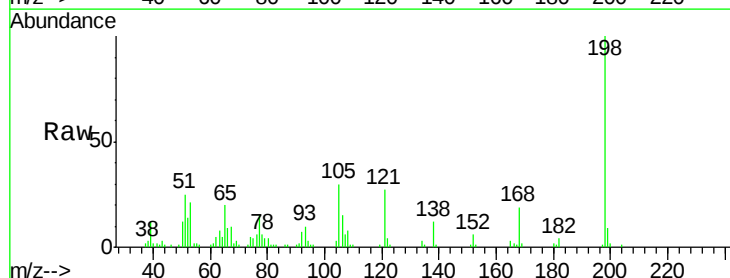
Tgt Ion:198 Resp: 67619

Ion Ratio Lower Upper

198 100

51 25.4 13.6 53.6

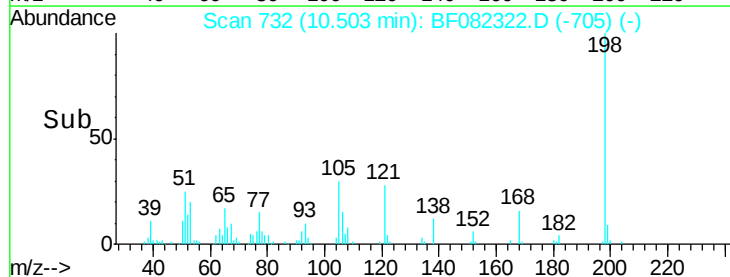
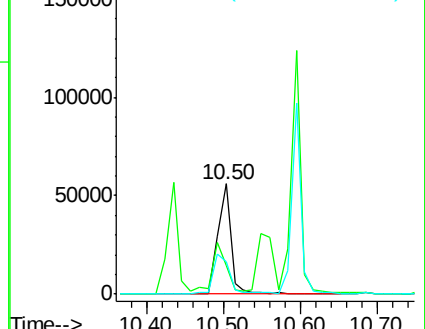
105 29.9 17.1 57.1

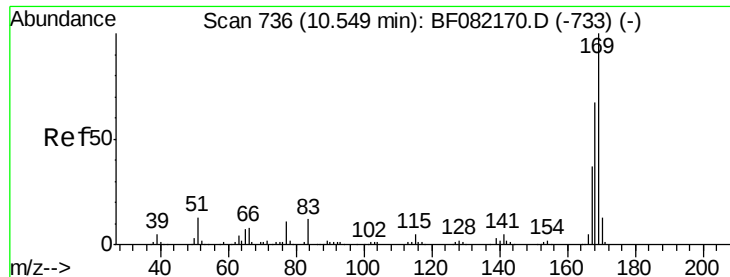


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.37 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

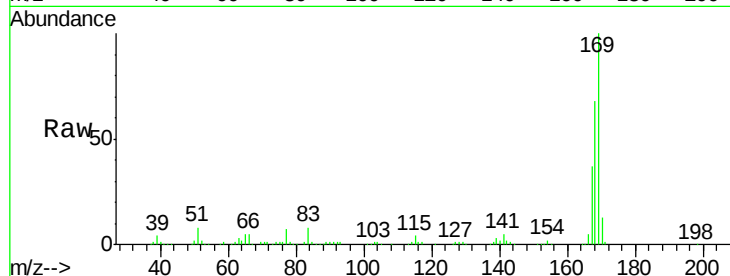
Tot Ion:169 Resp: 357497

Ion Ratio Lower Upper

169 100

168 68.1 54.0 81.0

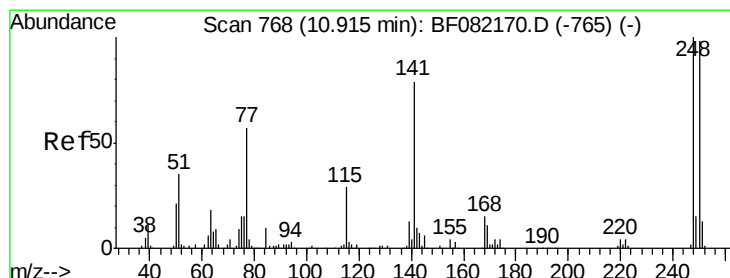
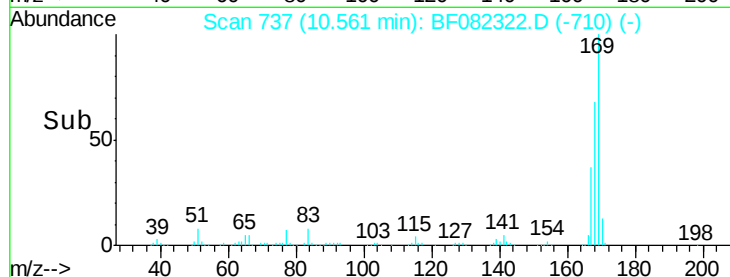
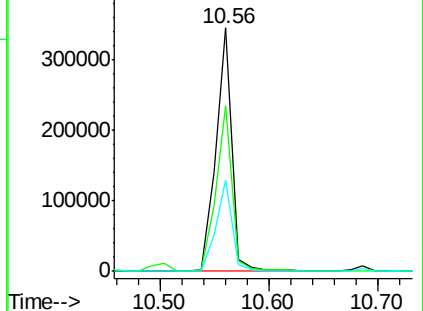
167 37.4 29.6 44.4



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: 39.67 ng

RT: 10.93 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

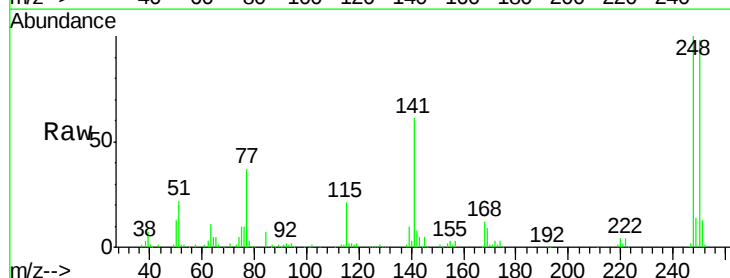
Tgt Ion:248 Resp: 120395

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

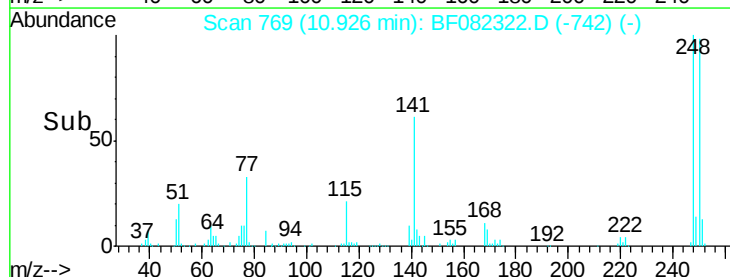
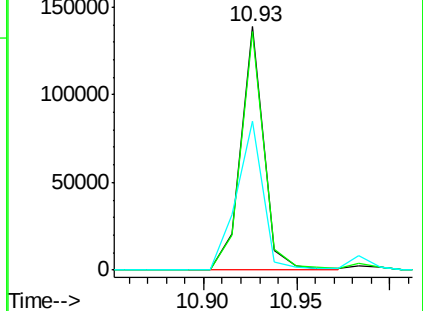
141 61.2 63.3 94.9#

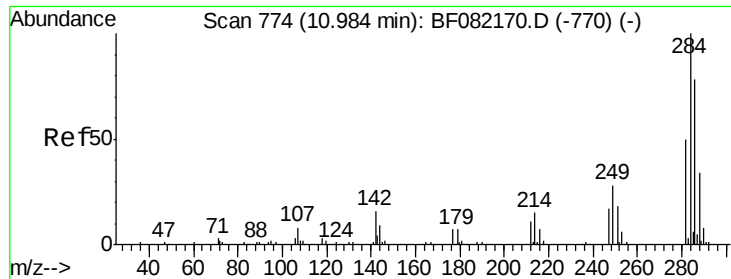


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

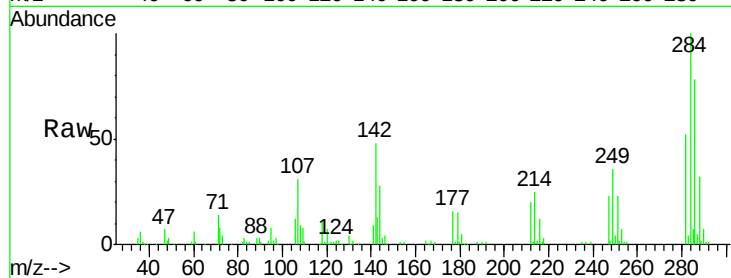




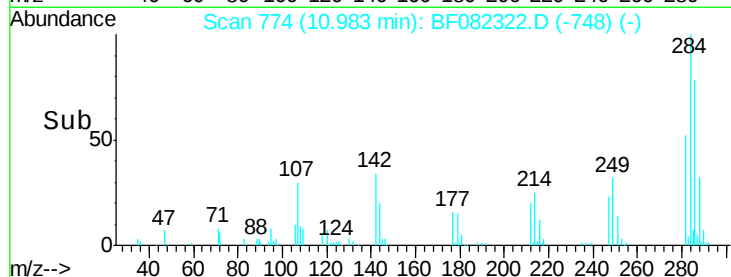
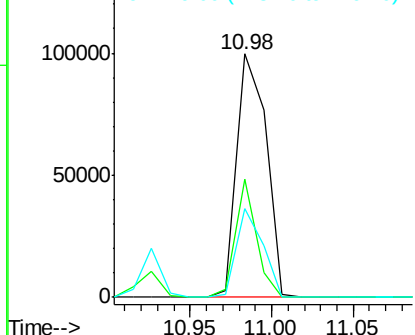
#67
Hexachlorobenzene
Concen: 37.71 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB86109BS

Tot Ion:284 Resp: 123768
Ion Ratio Lower Upper
284 100
142 48.5 13.0 19.6#
249 36.2 22.5 33.7#

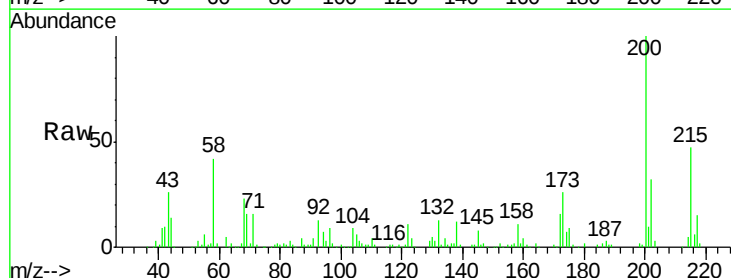


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

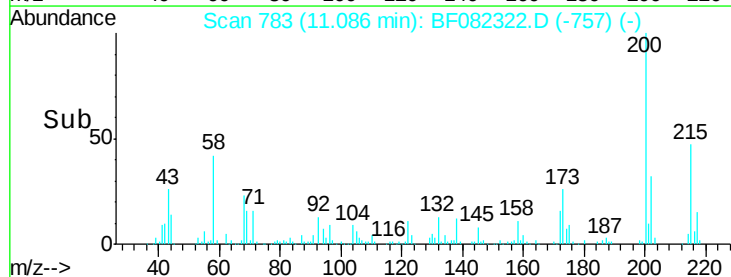
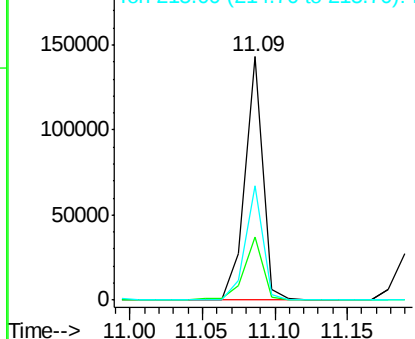


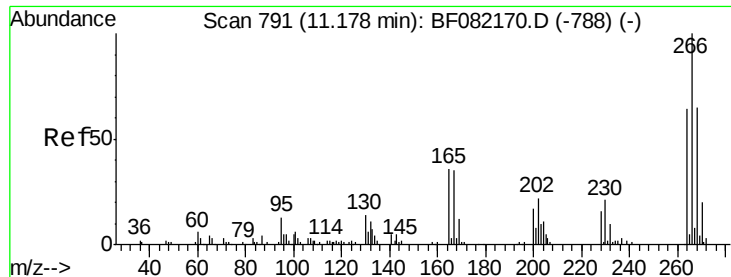
#68
Atrazine
Concen: 42.56 ng
RT: 11.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:200 Resp: 122434
Ion Ratio Lower Upper
200 100
173 25.7 7.3 47.3
215 46.8 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

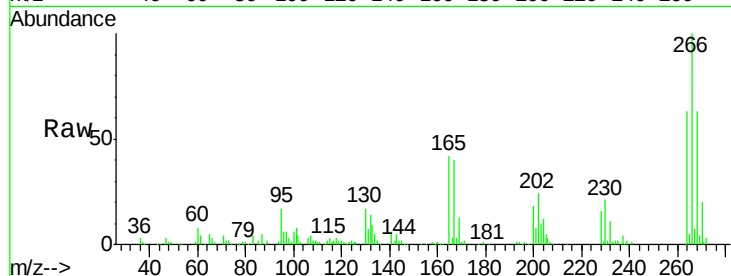




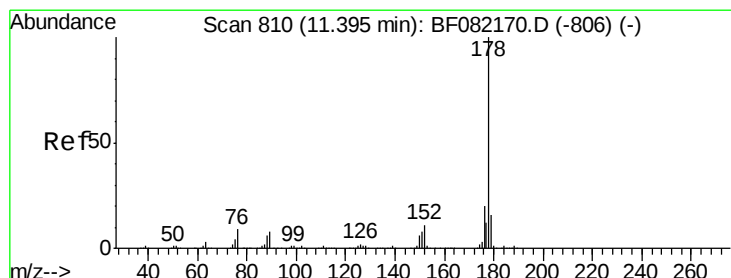
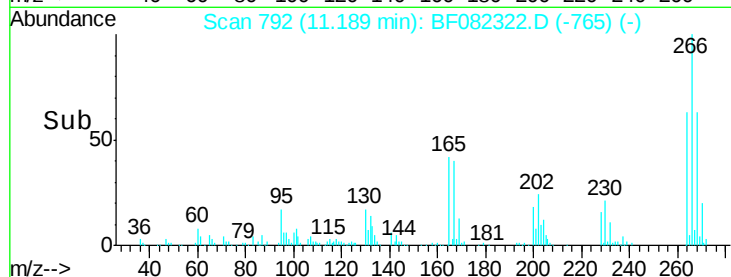
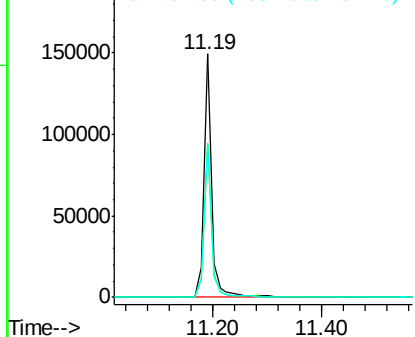
#69
 Pentachlorophenol
 Concen: 85.78 ng
 RT: 11.19 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:266 Resp: 144885
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.0 78.0
 264 62.8 51.4 77.0

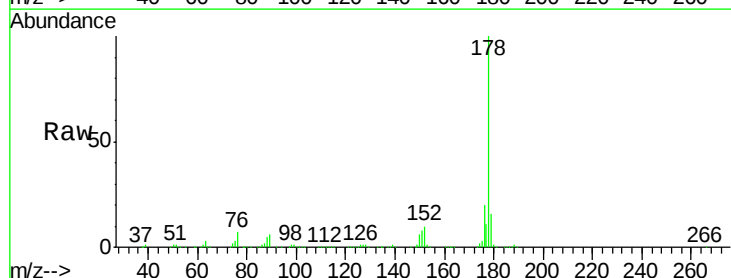


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

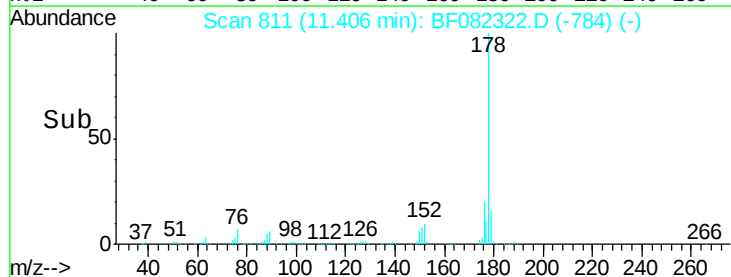
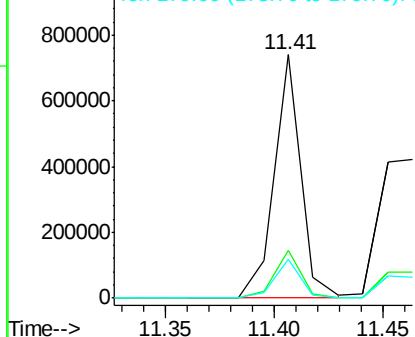


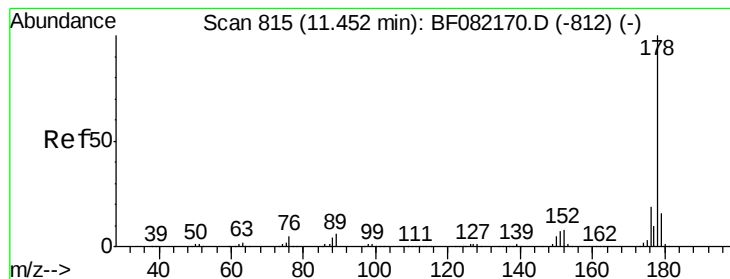
#70
 Phenanthrene
 Concen: 42.78 ng
 RT: 11.41 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:178 Resp: 635883
 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: 41.02 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

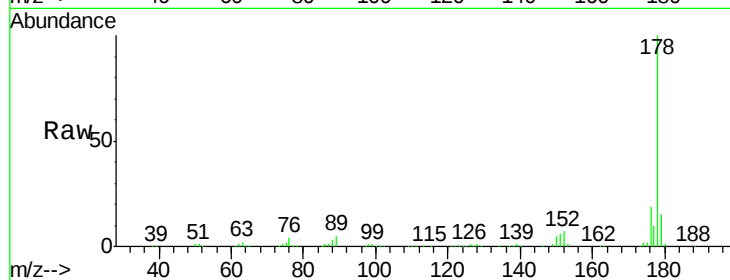
Tot Ion:178 Resp: 628286

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

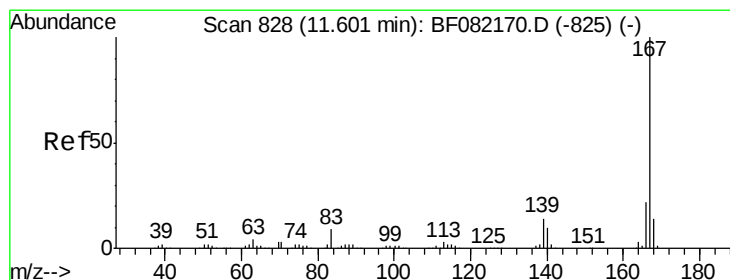
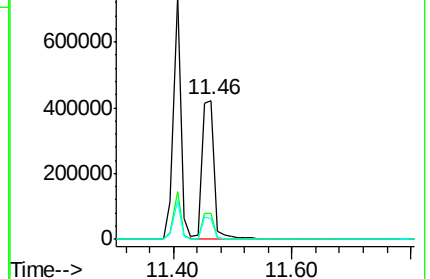
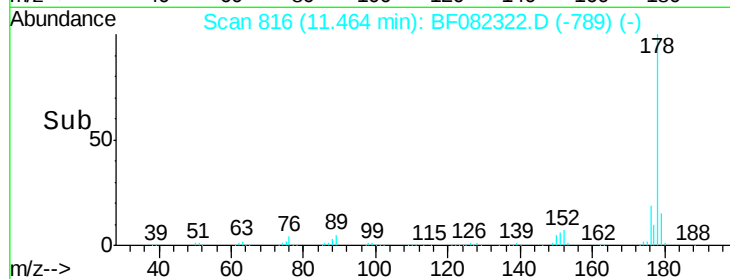
179 15.0 12.5 18.7



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: 41.07 ng

RT: 11.61 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

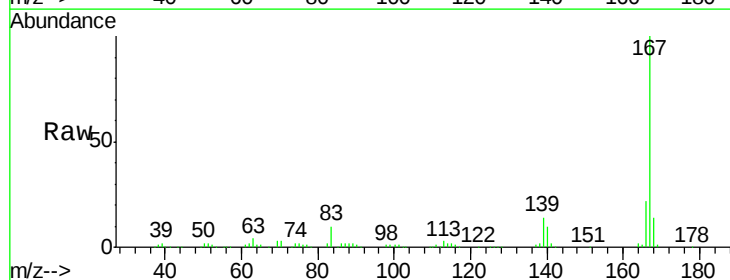
Tgt Ion:167 Resp: 573877

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

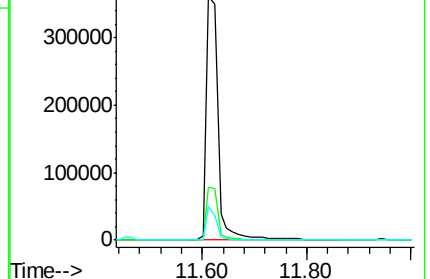
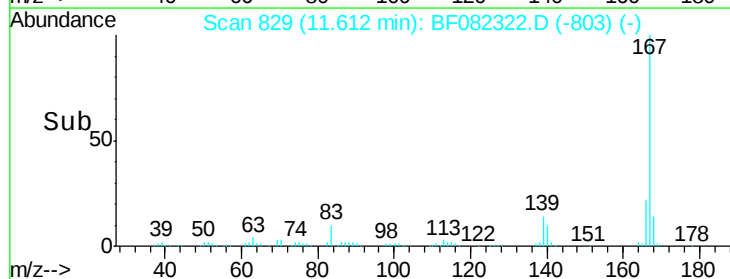
139 14.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.02 ng

RT: 11.94 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

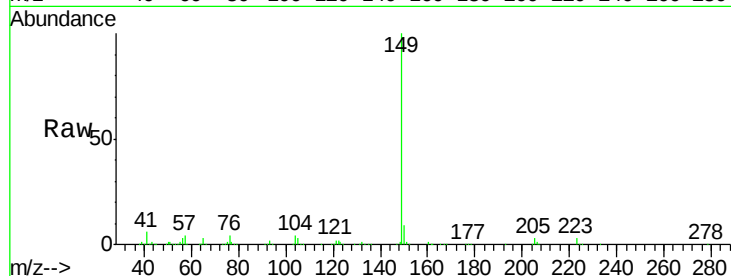
Tot Ion:149 Resp: 707206

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

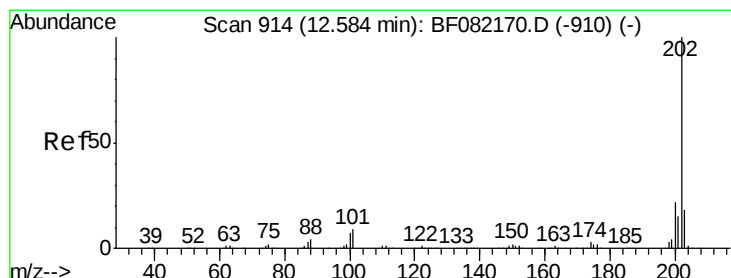
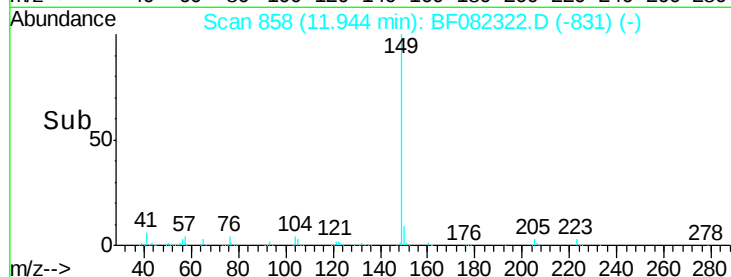
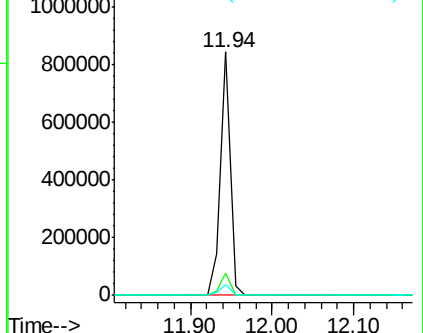
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.46 ng

RT: 12.60 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

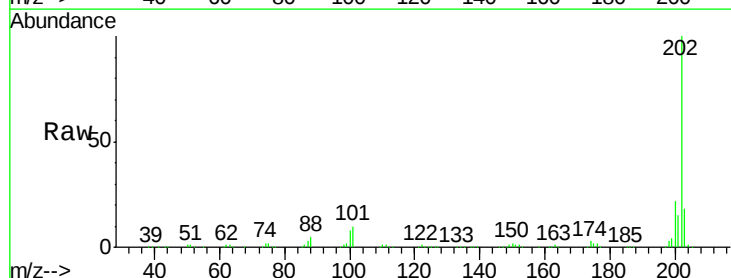
Tgt Ion:202 Resp: 677892

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

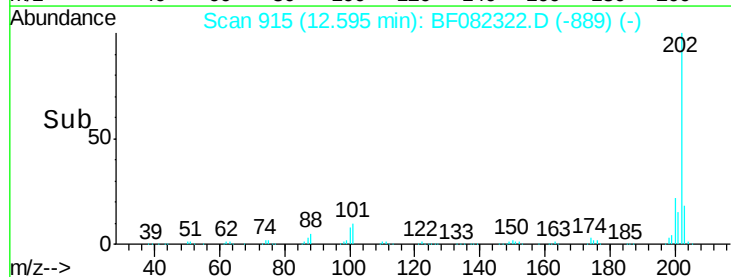
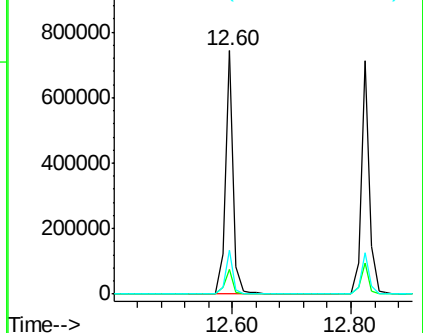
203 18.1 0.0 37.8

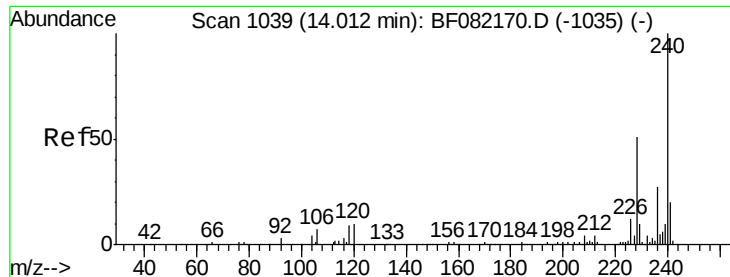


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

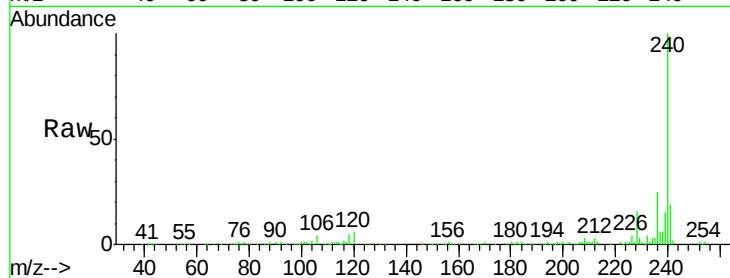
Tot Ion:240 Resp: 303002

Ion Ratio Lower Upper

240 100

120 6.1 8.1 12.1#

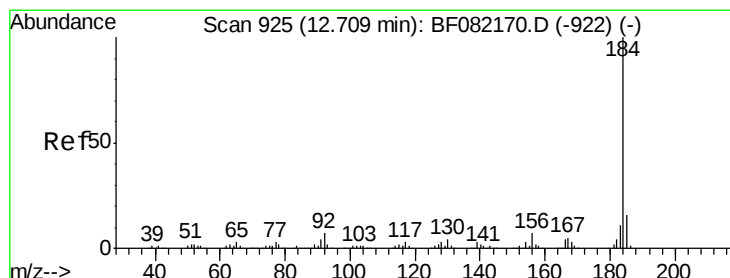
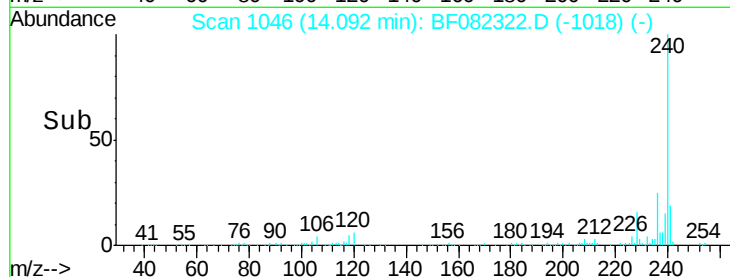
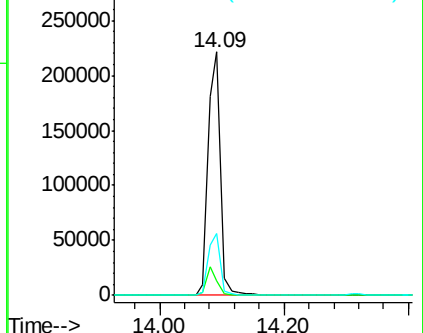
236 25.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.97 ng

RT: 12.72 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

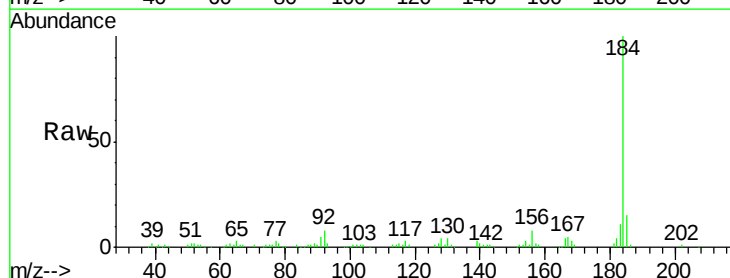
Tgt Ion:184 Resp: 201670

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

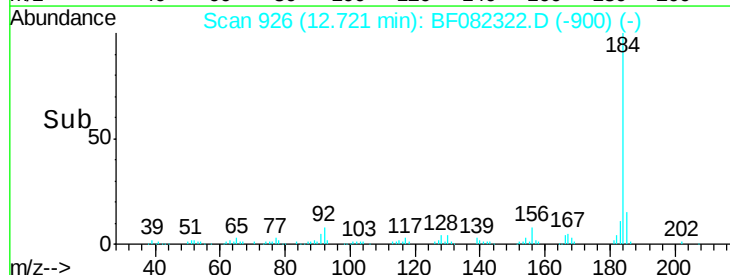
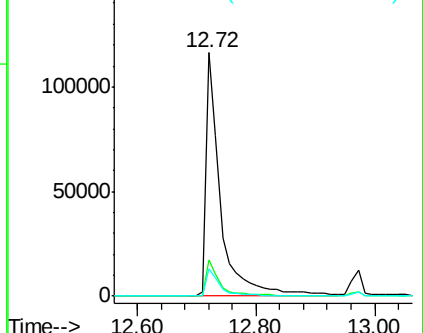
183 11.1 9.1 13.7

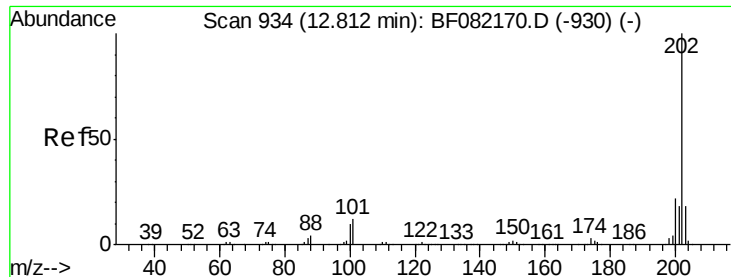


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

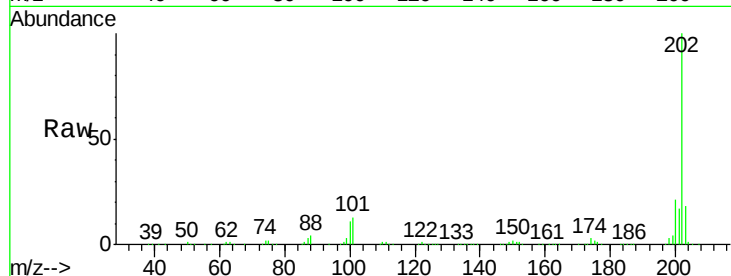




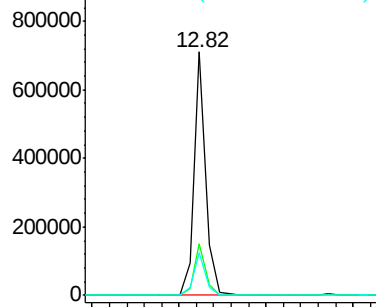
#77
Pvrene
Concen: 37.11 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB86109BS

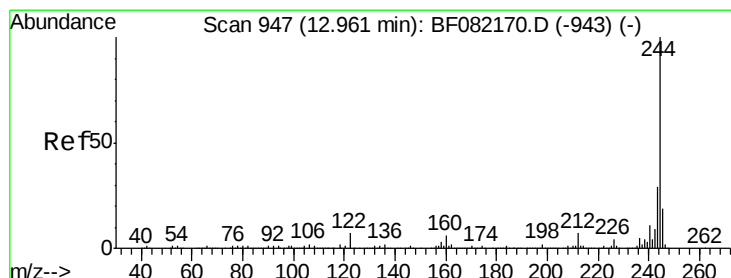
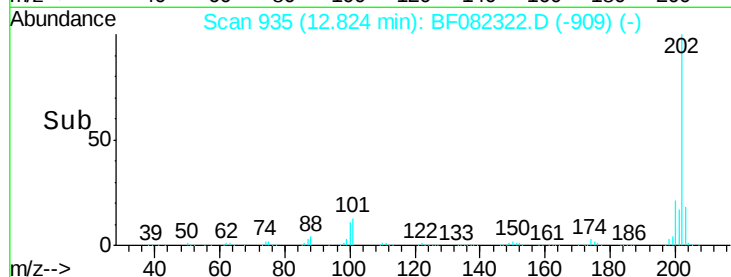
Tot Ion:202 Resp: 667240
Ion Ratio Lower Upper
202 100
200 21.4 17.9 26.9
203 17.7 14.5 21.7



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

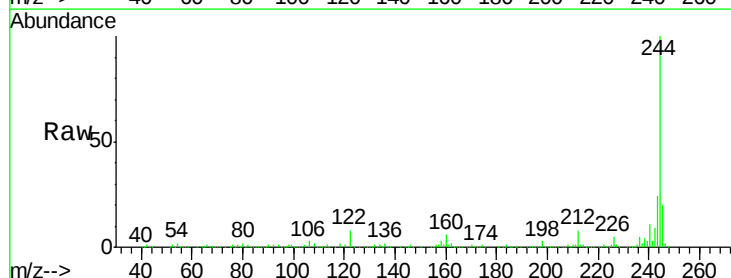


Time--> 12.70 12.80 12.90 13.00

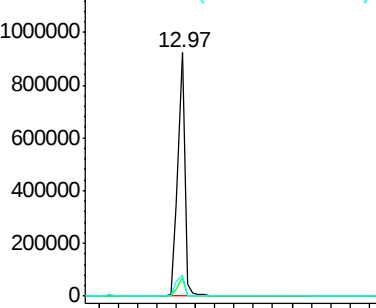


#78
Terphenyl-d14
Concen: 81.76 ng
RT: 12.97 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

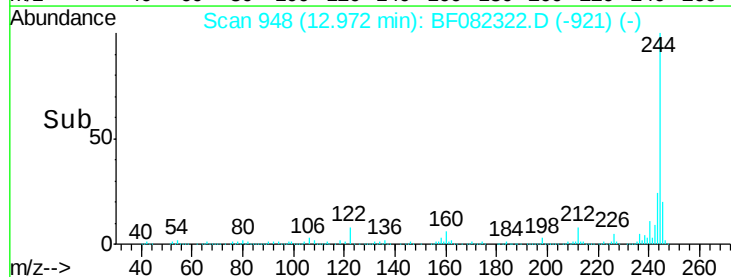
Tgt Ion:244 Resp: 934822
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.4 5.9 8.9

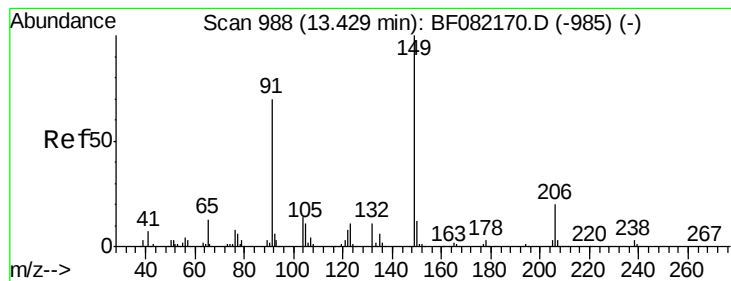


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 13.00 13.20





#79

Butylbenzylphthalate

Concen: 37.93 ng

RT: 13.46 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

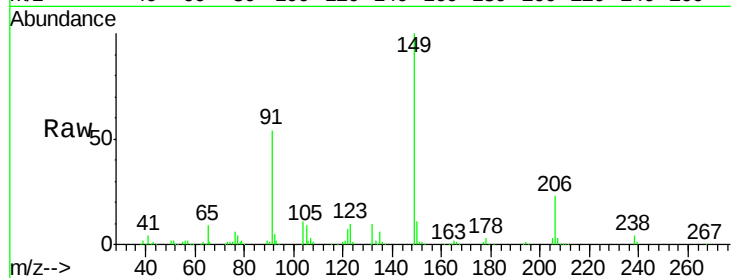
Tot Ion:149 Resp: 311248

Ion Ratio Lower Upper

149 100

91 54.3 55.7 83.5#

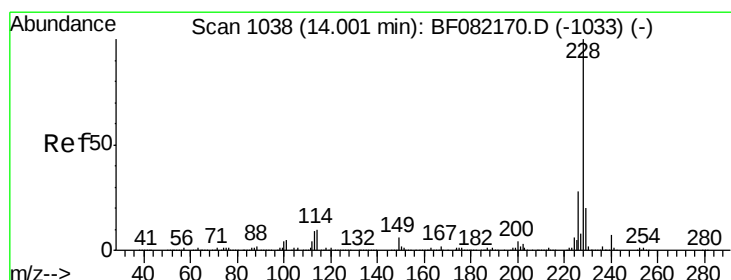
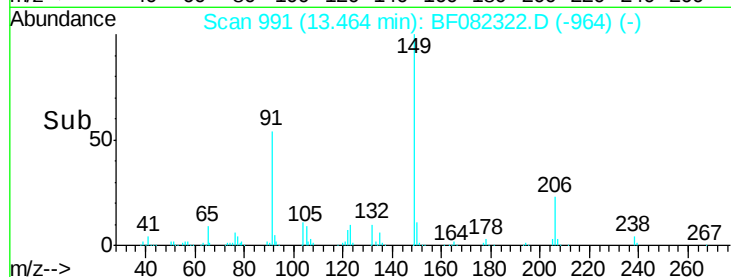
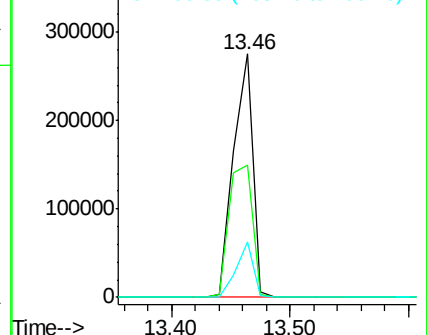
206 22.8 15.6 23.4



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: 40.08 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

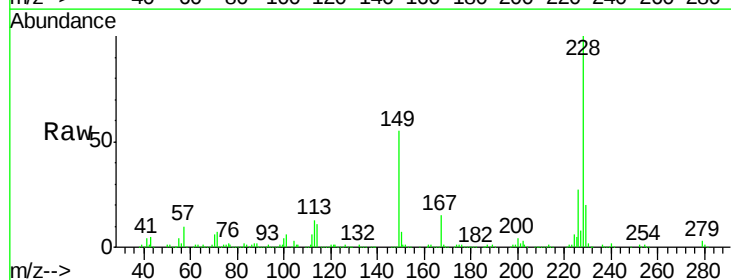
Tgt Ion:228 Resp: 631796

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

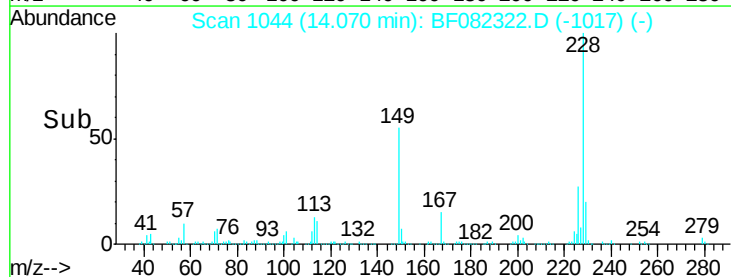
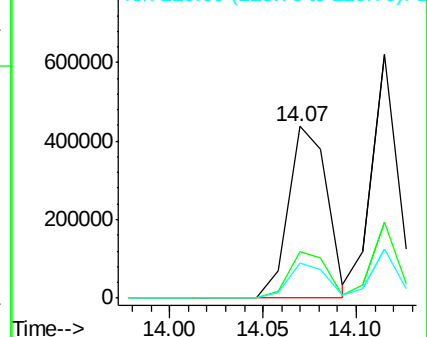
229 20.0 16.2 24.2

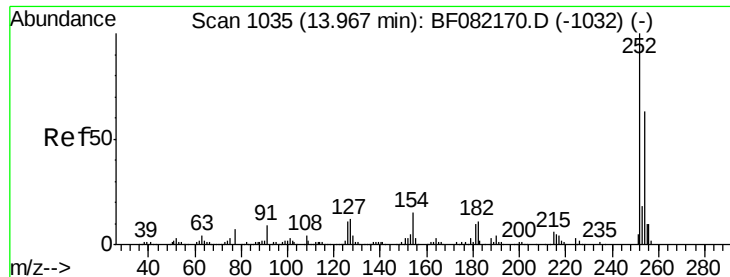


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

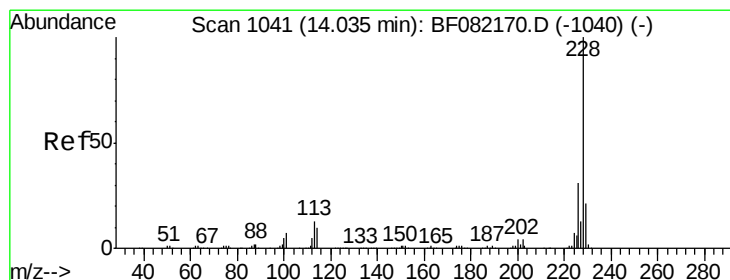
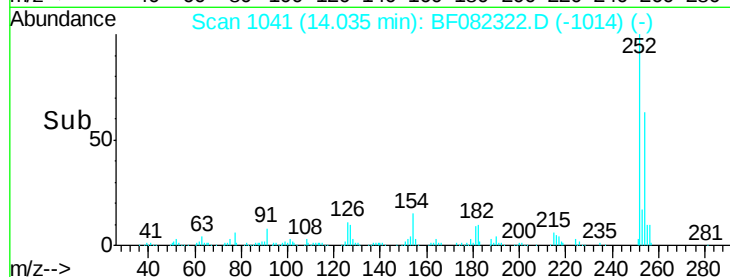
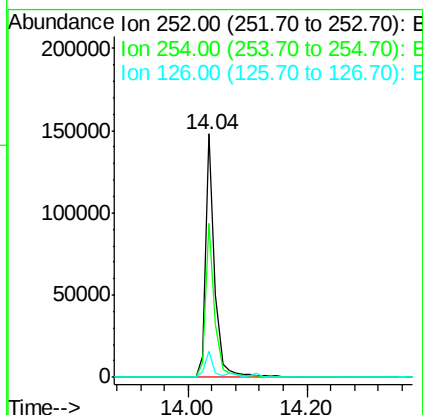
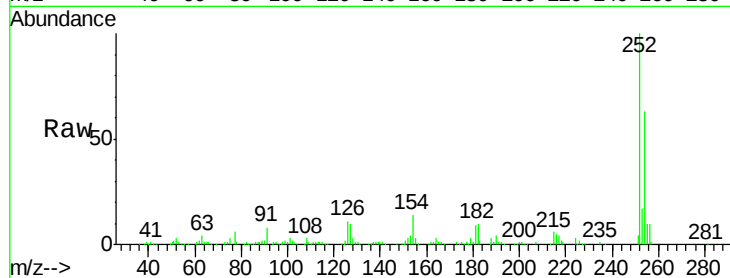




#81
 3,3'-Dichlorobenzidine
 Concen: 27.05 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

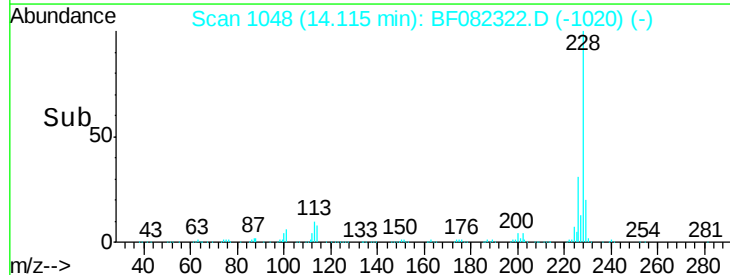
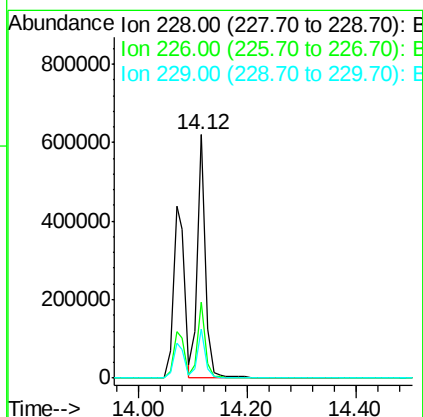
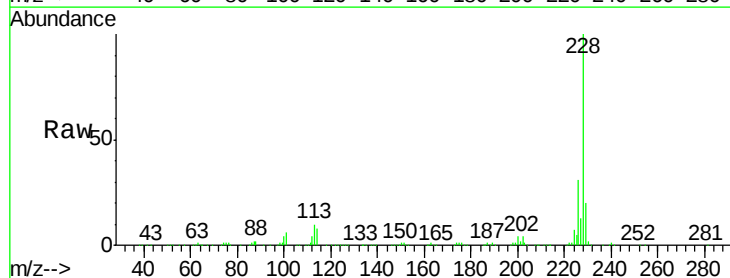
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

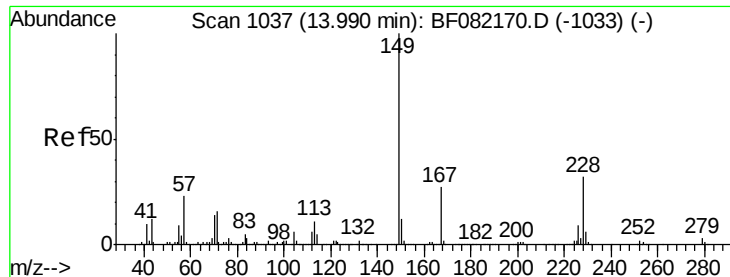
Tot Ion:252 Resp: 161855
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.7 76.1
 126 10.7 9.0 13.6



#82
 Chrysene
 Concen: 37.71 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.02 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:228 Resp: 626430
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.0 16.3 24.5

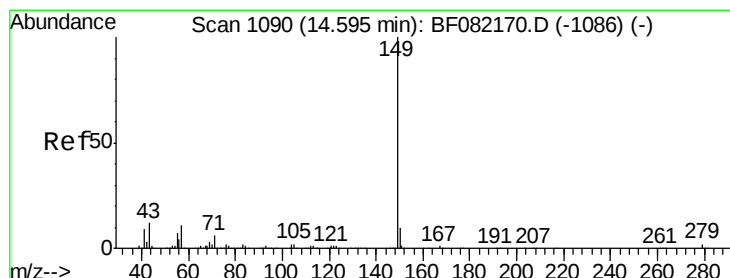
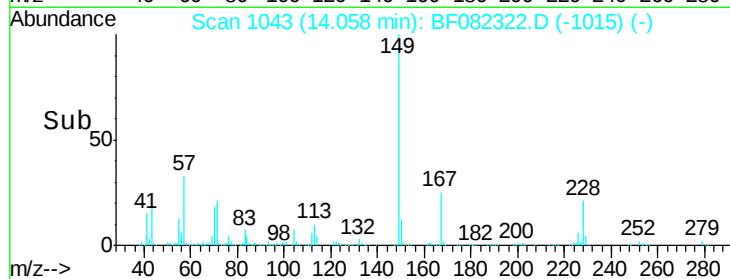
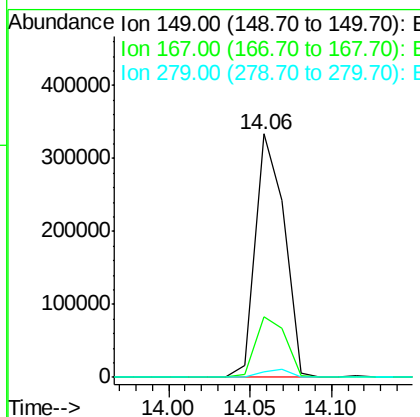
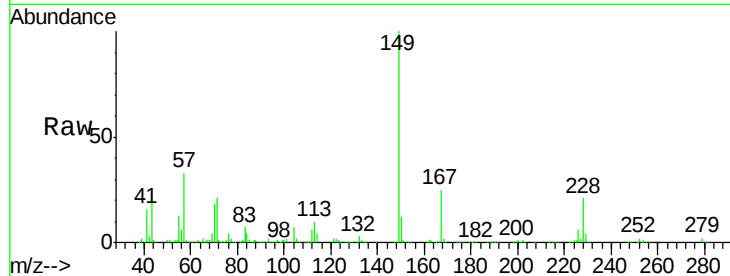




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.23 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

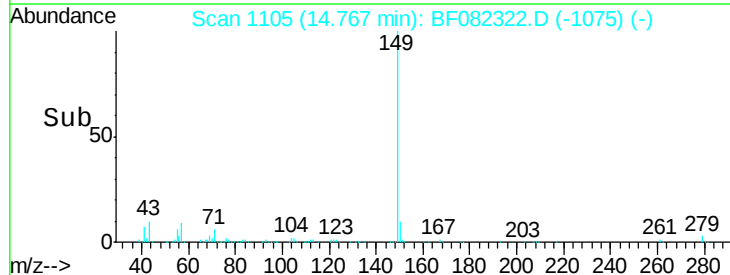
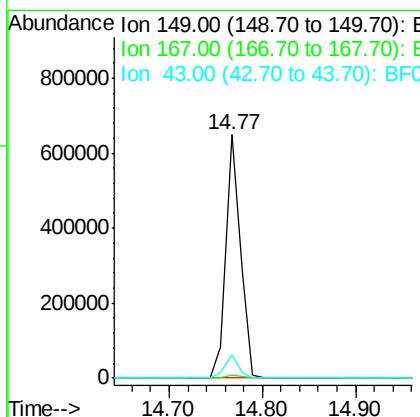
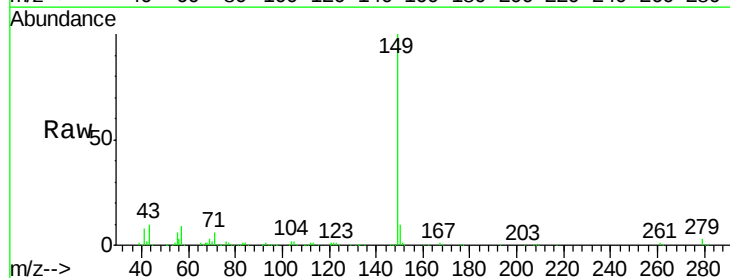
Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

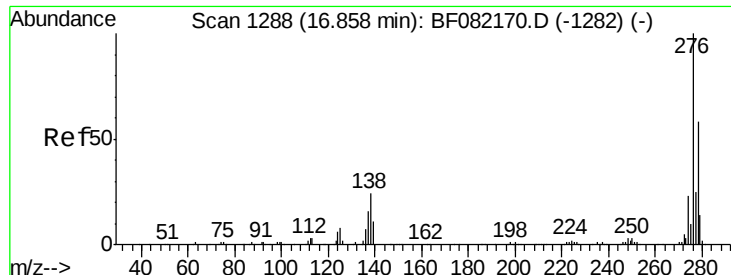
Tot Ion:149 Resp: 412498
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.3 31.9
 279 2.1 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 35.26 ng
 RT: 14.77 min Scan# 1105
 Delta R.T. 0.05 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:149 Resp: 708982
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.0 7.4 11.2

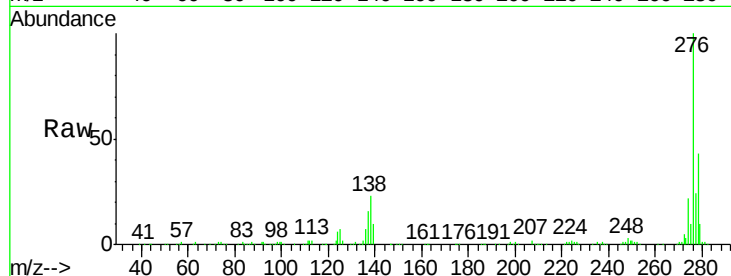




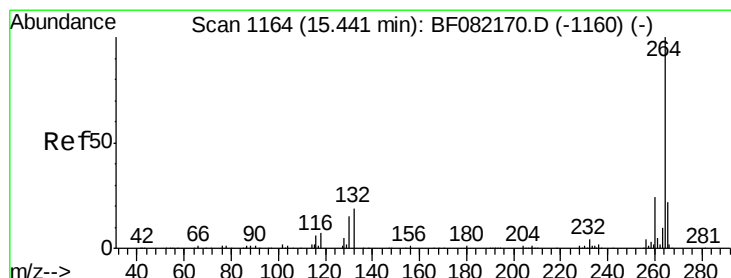
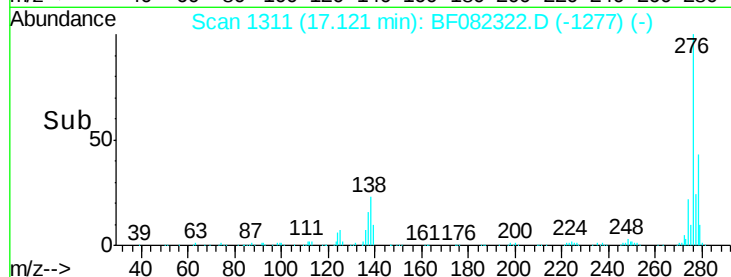
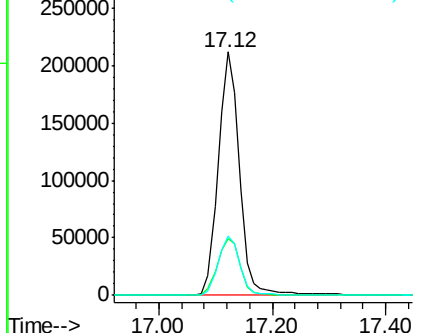
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.94 ng
 RT: 17.12 min Scan# 1311
 Delta R.T. 0.09 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:276 Resp: 553747
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.7 29.5
 277 25.0 20.1 30.1

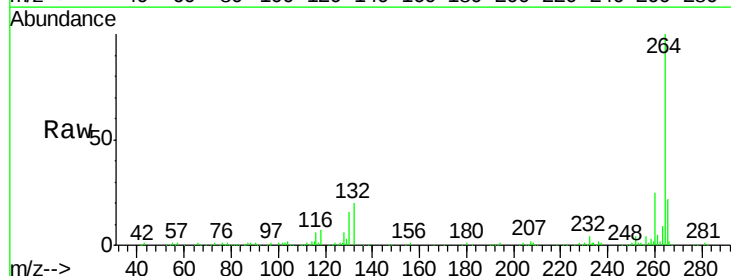


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

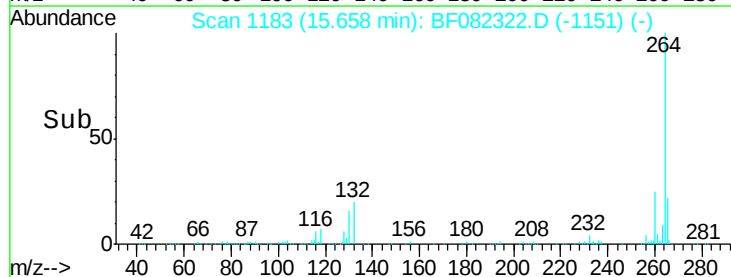
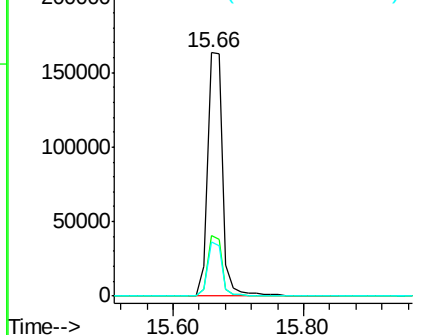


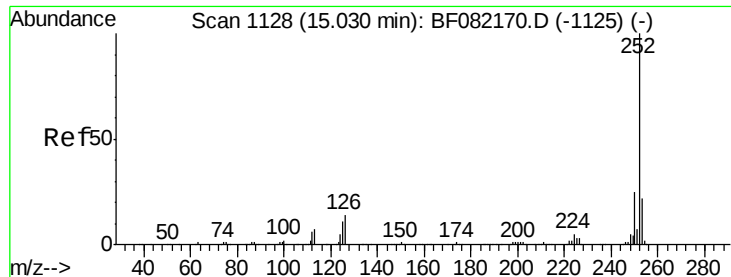
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. 0.07 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Tgt Ion:264 Resp: 264516
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 22.3 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: 73.79 ng

RT: 15.27 min Scan# 1149

Delta R.T. 0.10 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB86109BS

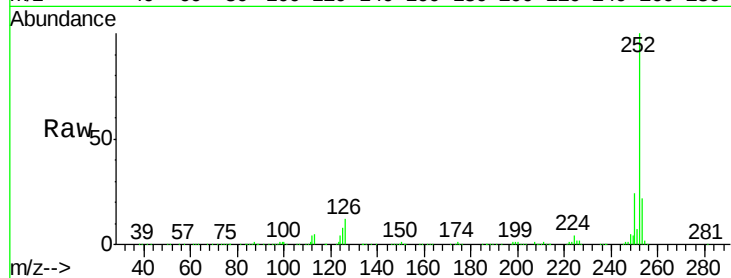
Tot Ion:252 Resp: 1187538

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

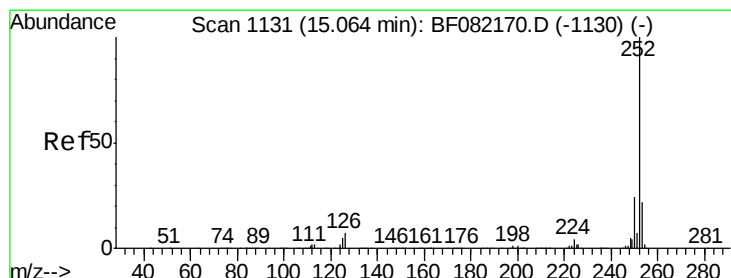
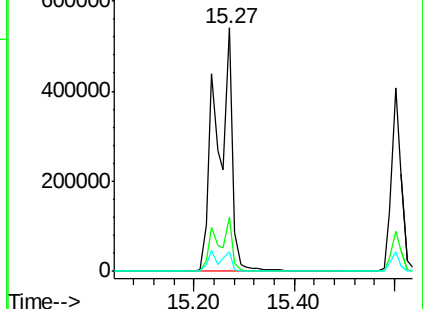
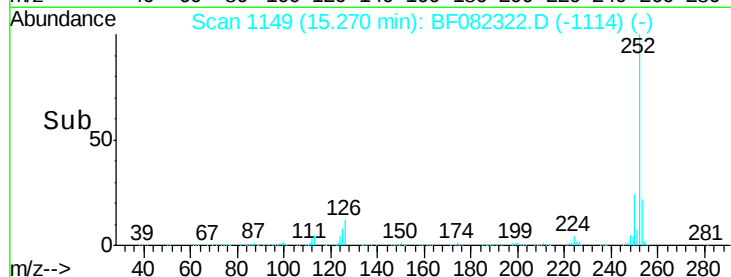
125 8.2 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.83 ng

RT: 15.27 min Scan# 1149

Delta R.T. 0.07 min

Lab File: BF082322.D

Acq: 16 Oct 2015 13:17

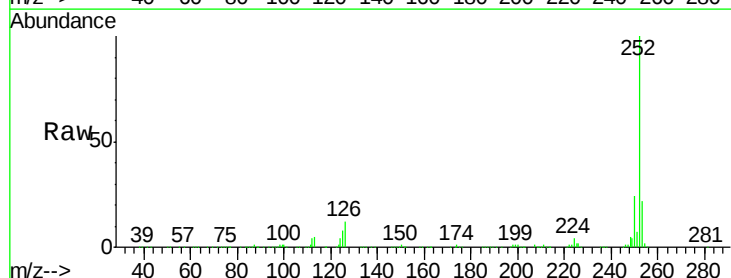
Tgt Ion:252 Resp: 1188033

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

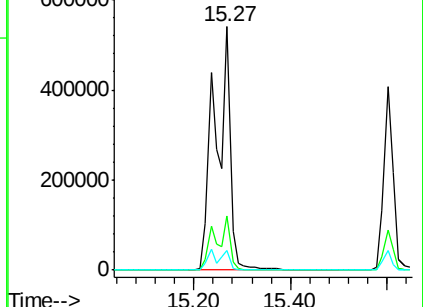
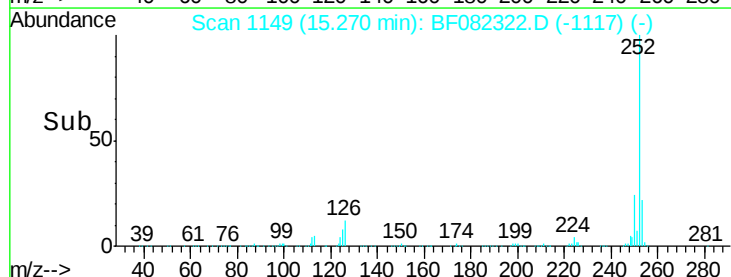
125 8.2 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

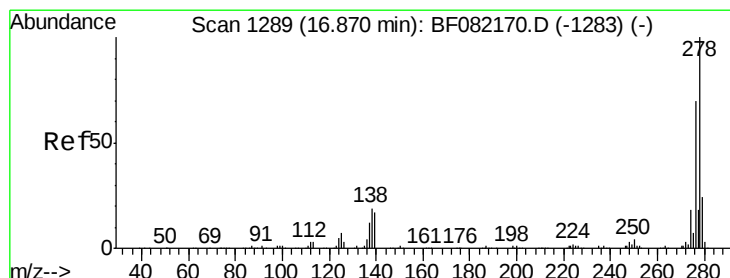
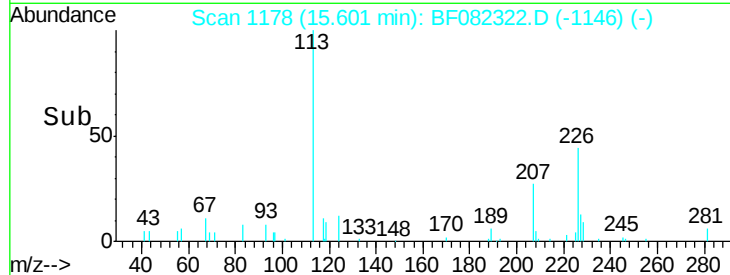
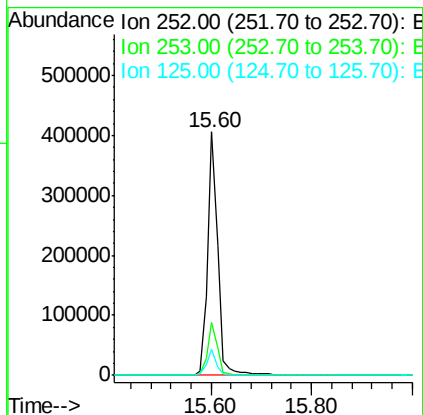
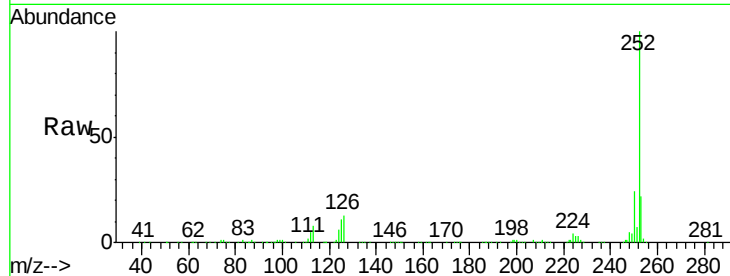




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 15.60 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

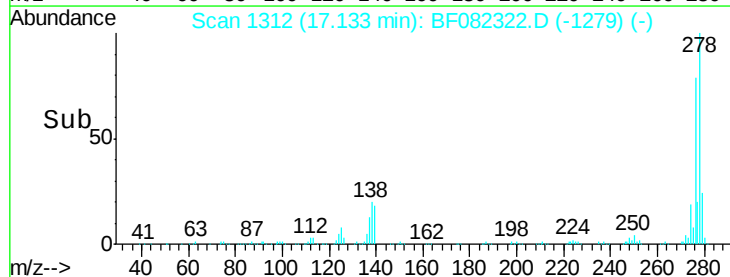
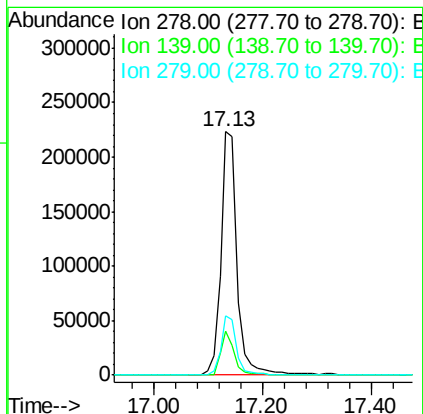
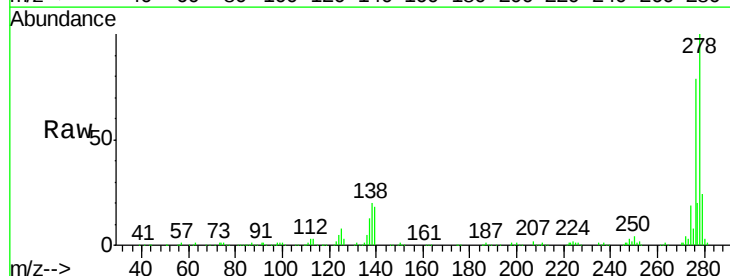
Instrument :
BNA_F
ClientSampled :
PB86109BS

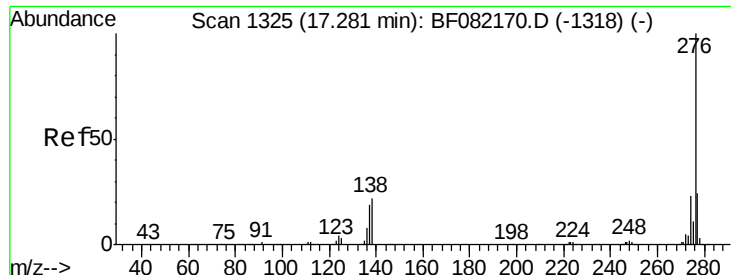
Tot Ion:252 Resp: 564357
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.7 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 41.35 ng
RT: 17.13 min Scan# 1312
Delta R.T. 0.08 min
Lab File: BF082322.D
Acq: 16 Oct 2015 13:17

Tgt Ion:278 Resp: 468686
Ion Ratio Lower Upper
278 100
139 17.9 13.3 19.9
279 24.3 18.9 28.3

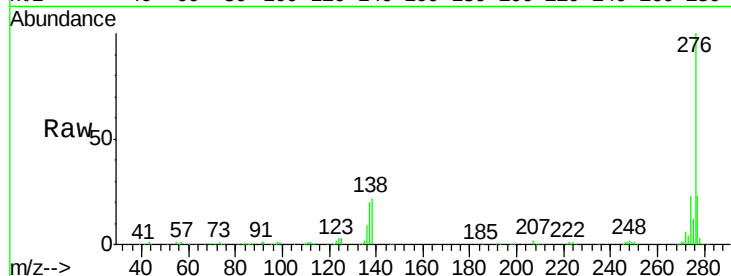




#91
 Benzo(a,h,i)perylene
 Concen: 42.56 ng
 RT: 17.56 min Scan# 1349
 Delta R.T. 0.09 min
 Lab File: BF082322.D
 Acq: 16 Oct 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86109BS

Tot Ion:276 Resp: 468582
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.8 28.2
 138 22.0 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

