

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082162.D
 Acq On : 9 Oct 2015 23:47
 Operator : UM/IZ
 Sample : G3928-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 00:14:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88119	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	332139	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	149303	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	245124	20.00	ng	0.00
75) Chrysene-d12	14.02	240	188819	20.00	ng	-0.01
86) Perylene-d12	15.46	264	133326	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	622352	128.21	ng	0.02
7) Phenol-d6	6.49	99	780290	127.75	ng	0.00
23) Nitrobenzene-d5	7.43	82	380500	76.37	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	155798	103.04	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	791191	89.62	ng	0.00
78) Terphenyl-d14	12.97	244	618675	118.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	83854	39.72	ng	89
3) Pyridine	3.25	79	238138	43.33	ng	89
4) n-Nitrosodimethylamine	3.22	42	99309	39.78	ng	96
6) Aniline	6.51	93	218207	26.59	ng	# 20
8) 2-Chlorophenol	6.64	128	252113	47.03	ng	96
9) Benzaldehyde	6.40	77	45943	11.49	ng	# 84
10) Phenol	6.51	94	276342	40.33	ng	# 39
11) bis(2-Chloroethyl)ether	6.59	93	253000	47.61	ng	95
12) 1,3-Dichlorobenzene	6.79	146	265829	41.98	ng	# 94
13) 1,4-Dichlorobenzene	6.87	146	285613	43.20	ng	# 93
14) 1,2-Dichlorobenzene	6.87	146	287227	48.75	ng	95
15) Benzyl Alcohol	7.01	79	190192	43.14	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.13	45	329437	43.86	ng	79
17) 2-Methylphenol	7.12	107	199240	45.84	ng	# 84
18) Hexachloroethane	7.36	117	73511	35.51	ng	# 84
19) n-Nitroso-di-n-propylamine	7.27	70	157501	42.43	ng	# 78
20) 3+4-Methylphenols	7.27	107	227380	41.42	ng	# 57
22) Acetophenone	7.27	105	316118	46.55	ng	# 77
24) Nitrobenzene	7.44	77	228848	42.30	ng	# 67
25) Isophorone	7.68	82	447118	45.27	ng	# 90
26) 2-Nitrophenol	7.76	139	98733	38.02	ng	# 78
27) 2,4-Dimethylphenol	7.79	122	209716	45.90	ng	# 79
28) bis(2-Chloroethoxy)methane	7.90	93	292896	49.94	ng	# 93
29) 2,4-Dichlorophenol	8.00	162	207318	46.80	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	221659	44.82	ng	97
31) Naphthalene	8.16	128	665262	45.20	ng	97
32) Benzoic acid	7.79	122	209716	72.34	ng	# 31
33) 4-Chloroaniline	8.22	127	117746	18.50	ng	# 94
34) Hexachlorobutadiene	8.27	225	136884	46.80	ng	98
35) Caprolactam	8.59	113	59381	48.42	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	207815	47.97	ng	89
37) 2-Methylnaphthalene	8.86	142	467929	46.58	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	205694	44.88	ng	98
40) Hexachlorocyclopentadiene	9.01	237	27987	11.86	ng	98

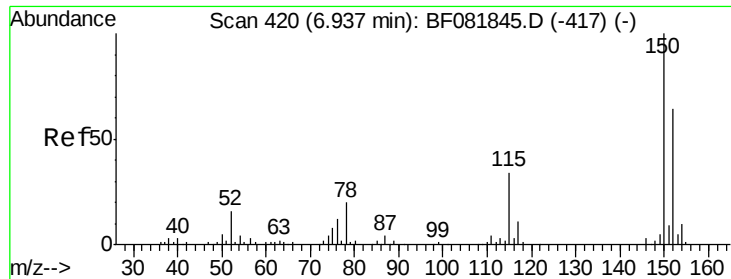
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	138462	44.06	nq	96
43) 2,4,5-Trichlorophenol	9.14	196	138462	42.85	nq	93
45) 1,1'-Biphenyl	9.33	154	512109	44.46	nq	93
46) 2-Chloronaphthalene	9.35	162	422982	46.77	nq	98
47) 2-Nitroaniline	9.45	65	127097	47.87	nq	94
48) Acenaphthylene	9.76	152	623478	43.07	nq	96
49) Dimethylphthalate	9.62	163	613418	59.52	nq	# 98
50) 2,6-Dinitrotoluene	9.69	165	98046	43.82	nq	# 92
51) Acenaphthene	9.93	154	363043	42.23	nq	89
52) 3-Nitroaniline	9.86	138	100981	39.01	nq	# 87
54) Dibenzofuran	10.10	168	547159	45.04	nq	# 89
55) 4-Nitrophenol	10.02	139	112573	60.19	nq	# 41
56) 2,4-Dinitrotoluene	10.09	165	111953	39.25	nq	# 82
57) Fluorene	10.45	166	406410	46.86	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.23	232	106746	41.64	nq	# 92
59) Diethylphthalate	10.32	149	452922	47.05	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	187714	42.21	nq	# 81
61) 4-Nitroaniline	10.48	138	101778	39.21	nq	# 66
62) Azobenzene	10.59	77	408597	43.49	nq	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	7327	8.93	nq	76
65) n-Nitrosodiphenylamine	10.56	169	372229	50.19	nq	92
66) 4-Bromophenyl-phenylether	10.93	248	115105	46.57	nq	95
67) Hexachlorobenzene	10.99	284	121669	43.62	nq	# 79
68) Atrazine	11.09	200	99844	43.39	nq	83
69) Pentachlorophenol	11.19	266	119420	75.14	nq	100
70) Phenanthrene	11.41	178	534252	45.30	nq	96
71) Anthracene	11.46	178	571685	45.89	nq	99
72) Carbazole	11.62	167	490320	43.48	nq	97
73) Di-n-butylphthalate	11.94	149	646325	56.62	nq	# 98
74) Fluoranthene	12.60	202	531577	40.48	nq	90
76) Benzidine	12.73	184	324214	56.99	nq	97
77) Pyrene	12.82	202	527905	46.80	nq	96
79) Butylbenzylphthalate	13.44	149	244910	57.70	nq	# 85
80) Benzo(a)anthracene	14.01	228	438706	43.15	nq	96
81) 3,3'-Dichlorobenzidine	13.98	252	158856	46.26	nq	# 94
82) Chrysene	14.06	228	442025	61.99	nq	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	439851	82.61	nq	# 93
84) Di-n-octyl phthalate	14.62	149	597837	69.00	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.88	276	308106	38.74	nq	# 87
87) Benzo(b)fluoranthene	15.05	252	714163	93.82	nq	# 85
88) Benzo(k)fluoranthene	15.05	252	715196	102.51	nq	# 86
89) Benzo(a)pyrene	15.41	252	320709	48.57	nq	# 85
90) Dibenzo(a,h)anthracene	16.89	278	261479	47.20	nq	# 82
91) Benzo(g,h,i)perylene	17.32	276	246205	43.37	nq	# 74

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

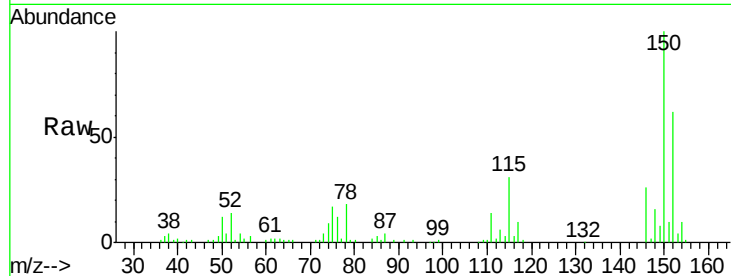


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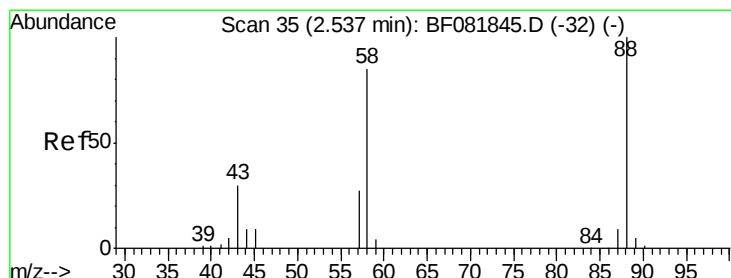
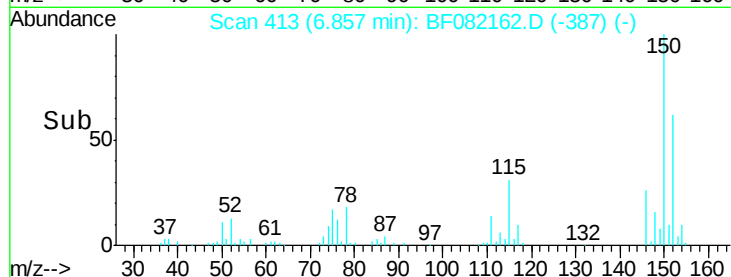
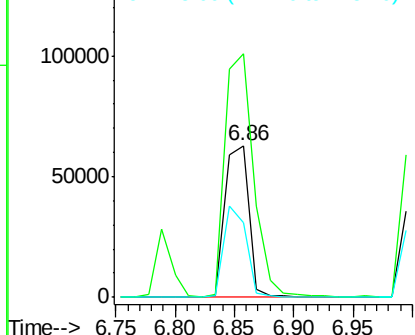
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88119
Ion Ratio Lower Upper
152 100
150 160.3 124.7 187.1
115 49.0 39.0 58.4



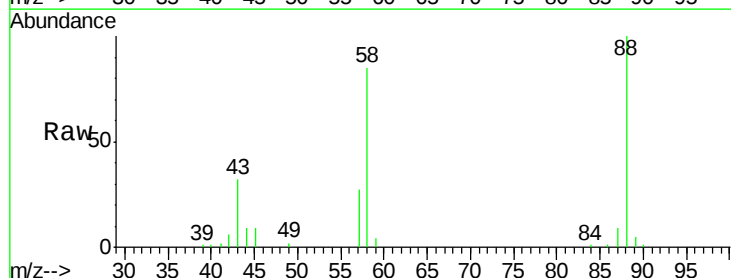
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



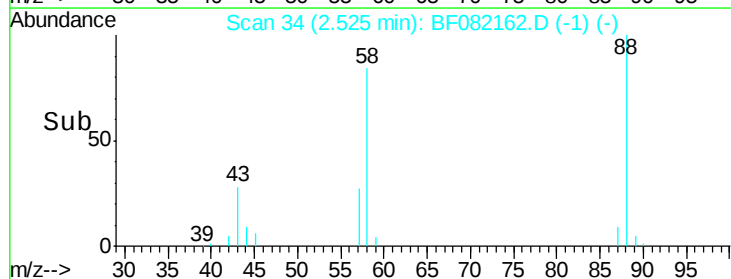
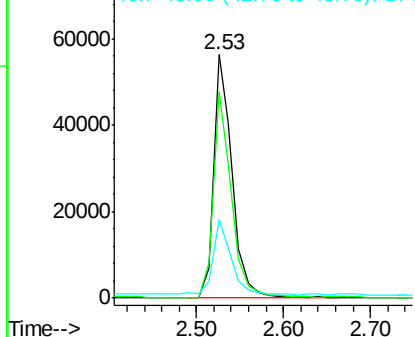
#2

1,4-Dioxane
Concen: 39.72 ng
RT: 2.53 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion: 88 Resp: 83854
Ion Ratio Lower Upper
88 100
58 84.1 77.7 116.5
43 30.9 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

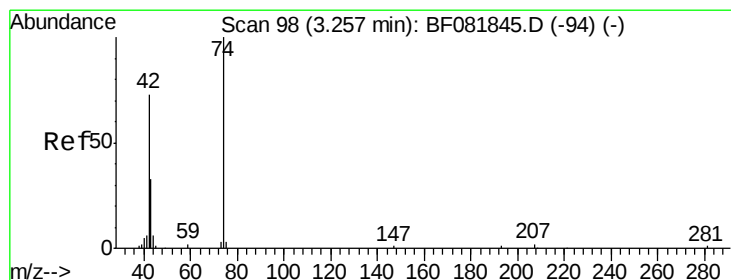
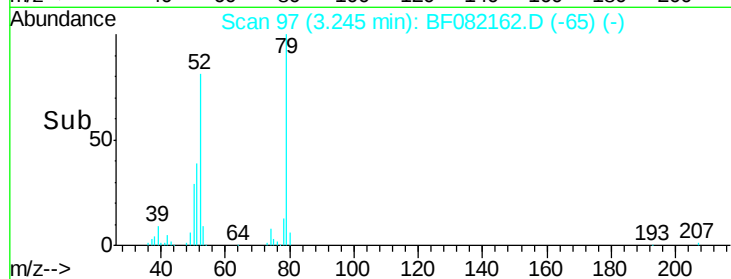
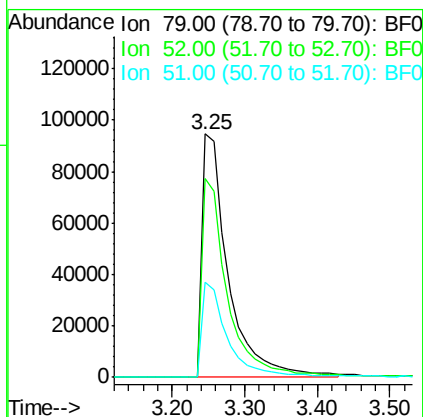
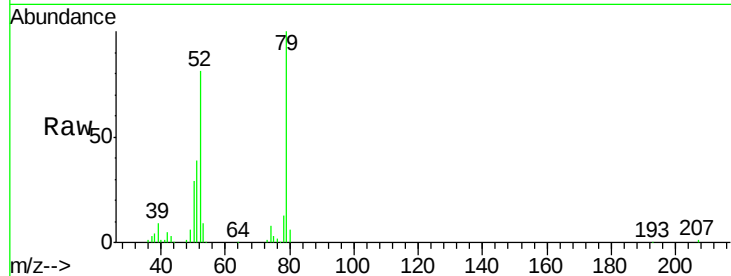




#3
 Pvridine
 Concen: 43.33 ng
 RT: 3.25 min Scan# 97
 Delta R.T. 0.07 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

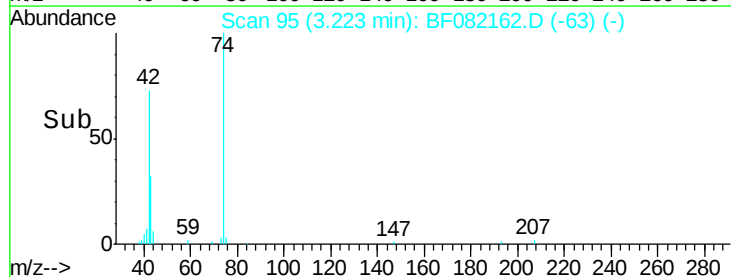
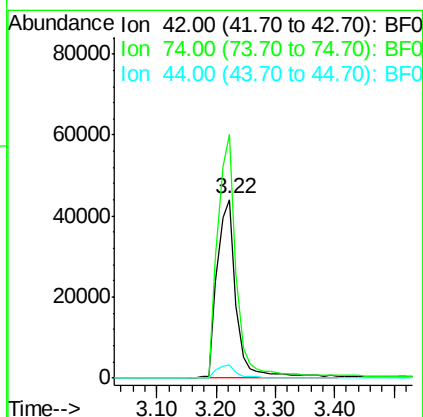
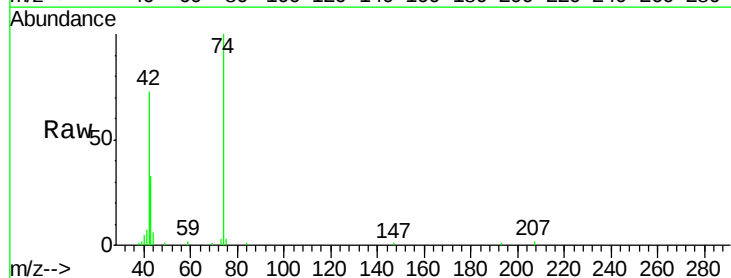
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 238138
 Ion Ratio Lower Upper
 79 100
 52 81.5 76.8 115.2
 51 39.0 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 39.78 ng
 RT: 3.22 min Scan# 95
 Delta R.T. 0.07 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion: 42 Resp: 99309
 Ion Ratio Lower Upper
 42 100
 74 136.4 105.0 157.6
 44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 128.21 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF082162.D

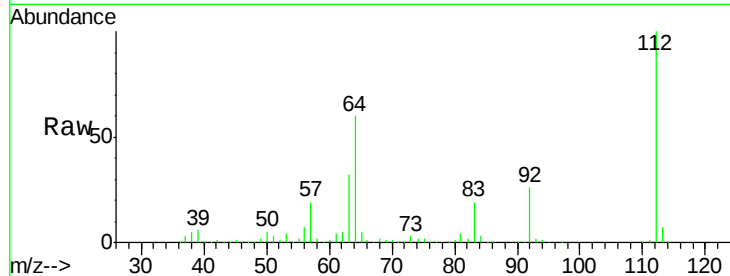
Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

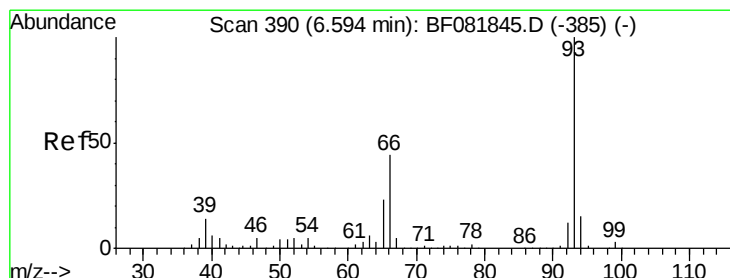
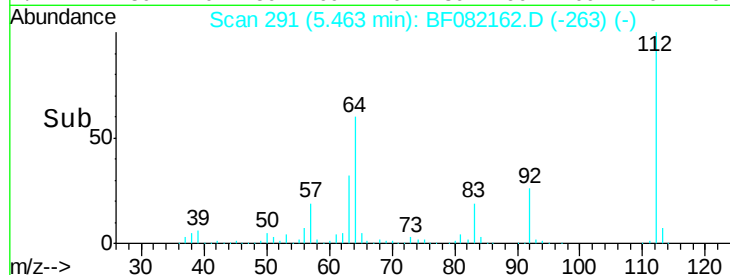
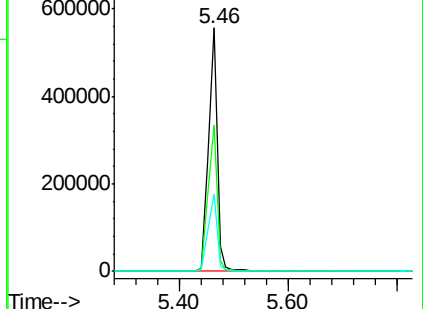
Tot Ion:	112	Resp:	622352
Ion Ratio	Lower	Upper	
112	100		
64	60.1	39.7	59.5#
63	31.9	17.4	26.0#



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: 26.59 ng

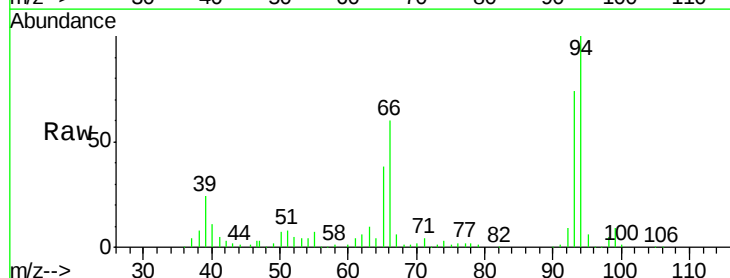
RT: 6.51 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

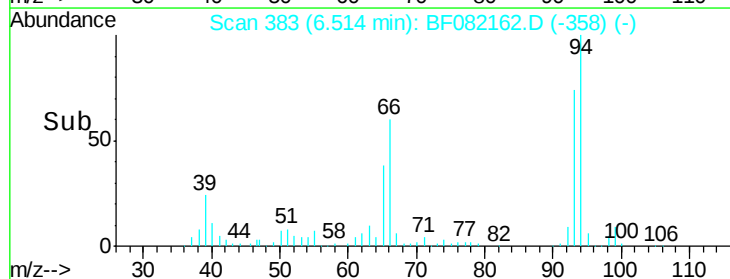
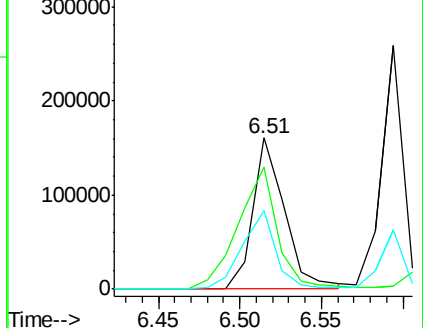
Tgt Ion:	93	Resp:	218207
Ion Ratio	Lower	Upper	
93	100		
66	81.0	27.2	40.8#
65	51.7	14.7	22.1#

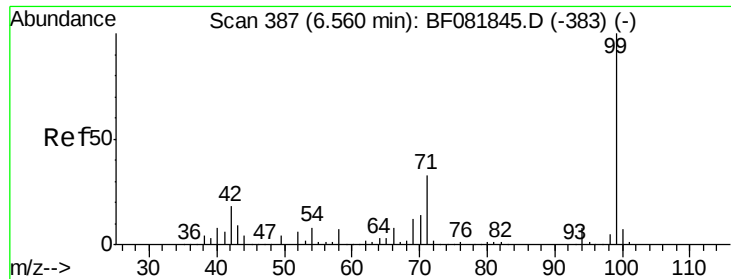


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.75 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

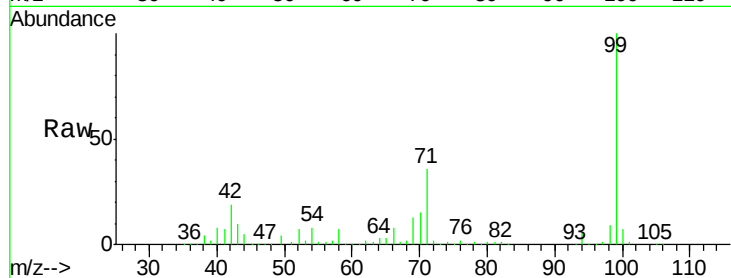
Tot Ion: 99 Resp: 780290

Ion Ratio Lower Upper

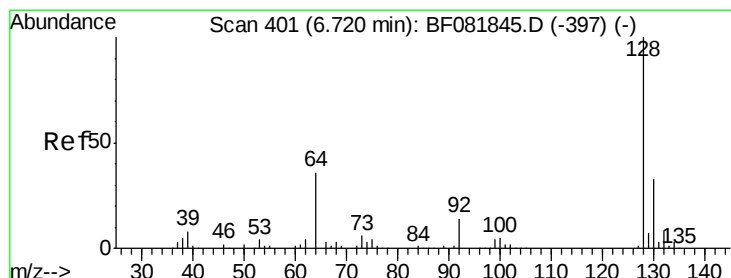
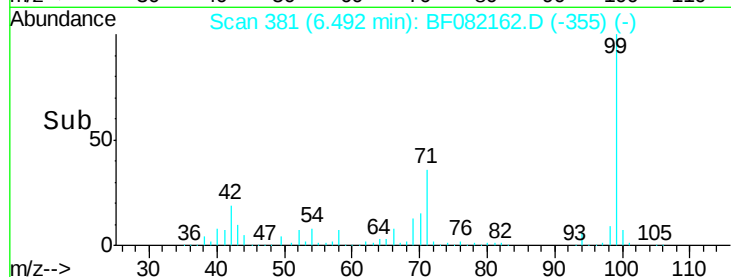
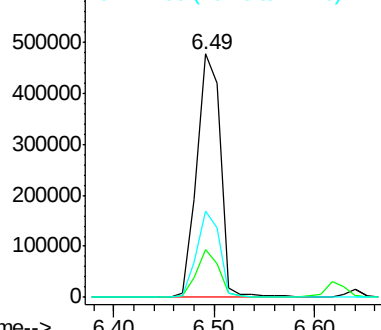
99 100

42 19.4 13.7 20.5

71 35.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.03 ng

RT: 6.64 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

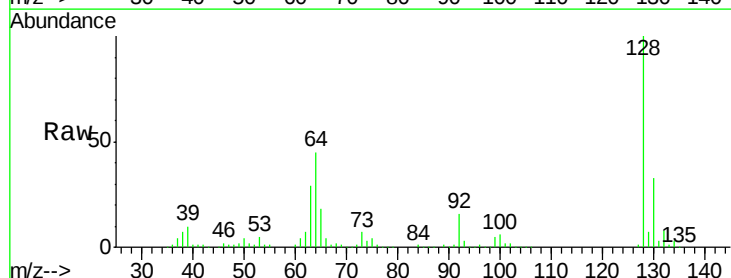
Tgt Ion: 128 Resp: 252113

Ion Ratio Lower Upper

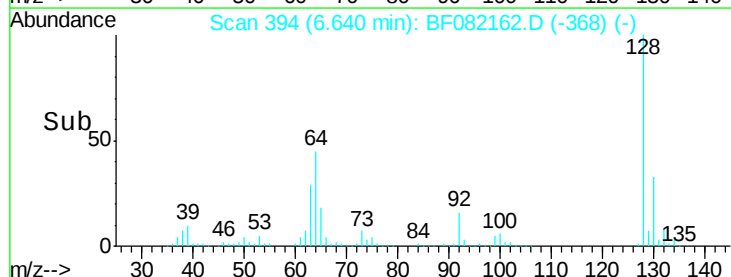
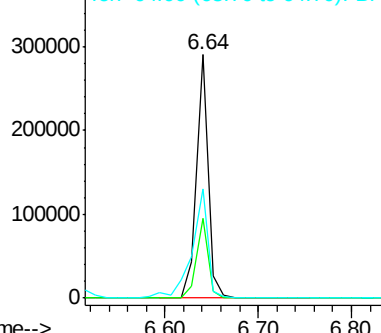
128 100

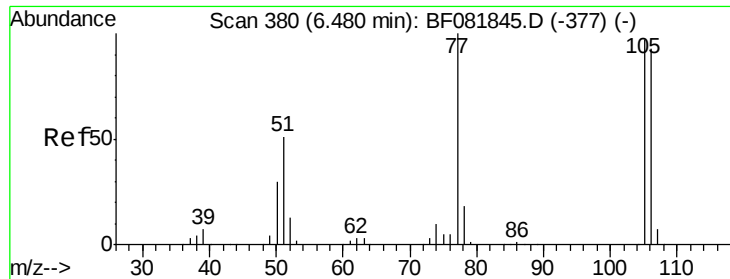
130 32.9 12.2 52.2

64 44.9 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

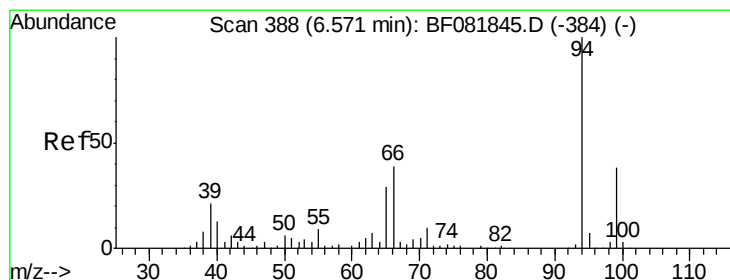
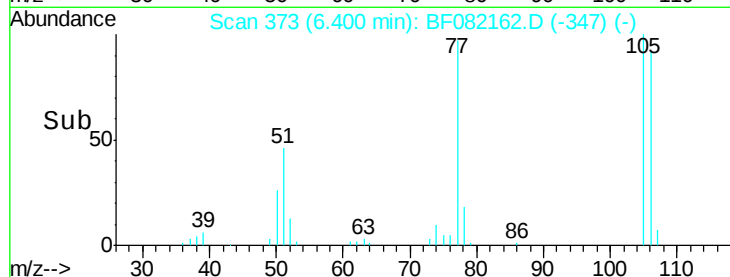
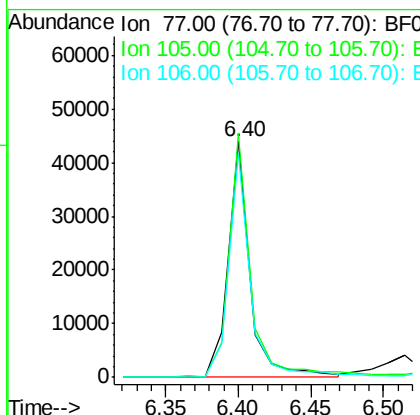
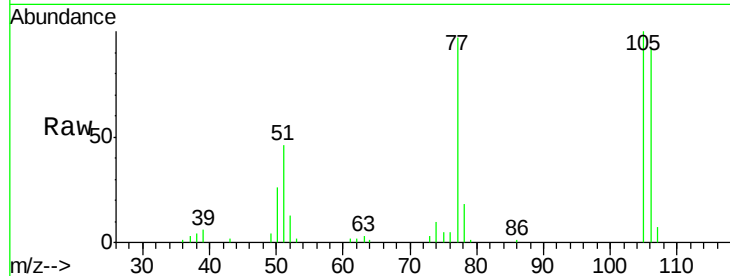




#9
Benzaldehyde
Concen: 11.49 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

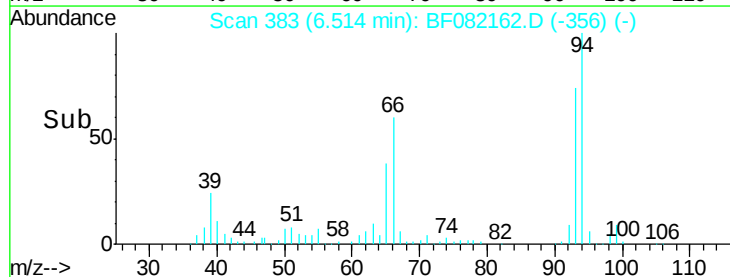
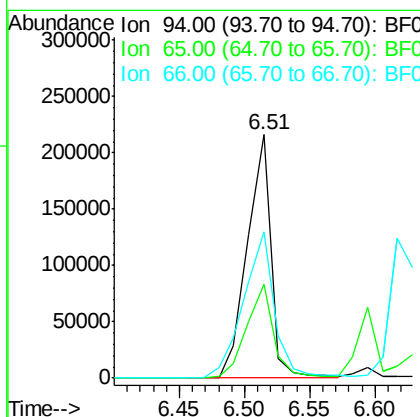
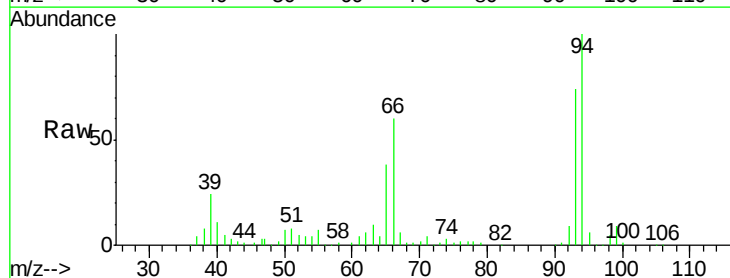
Instrument :
BNA_F
ClientSampleId :

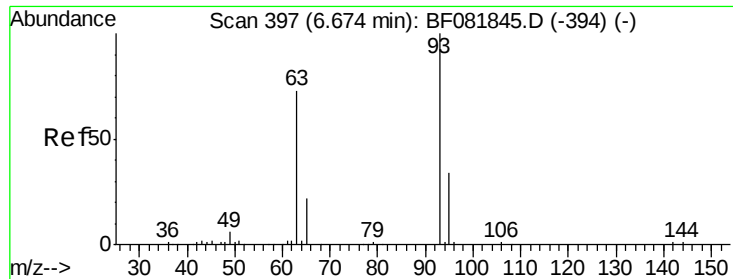
Tot Ion: 77 Resp: 45943
Ion Ratio Lower Upper
77 100
105 103.3 91.6 131.6
106 95.3 102.6 142.6#



#10
Phenol
Concen: 40.33 ng
RT: 6.51 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion: 94 Resp: 276342
Ion Ratio Lower Upper
94 100
65 38.4 0.7 40.7
66 60.2 0.8 40.8#

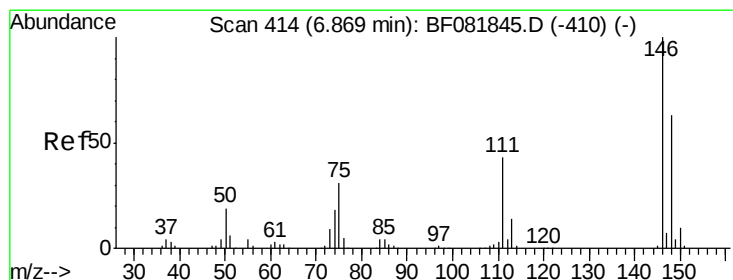
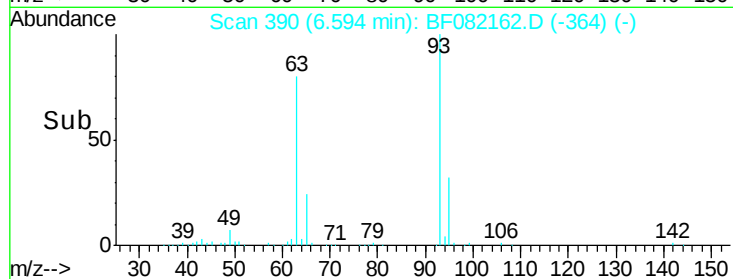
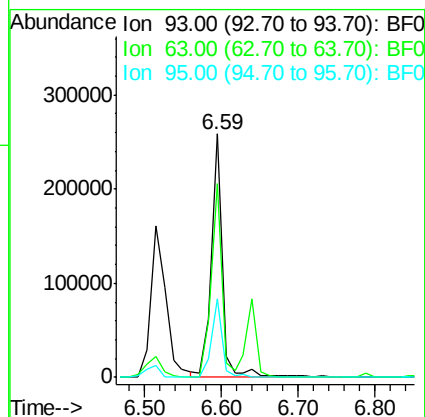
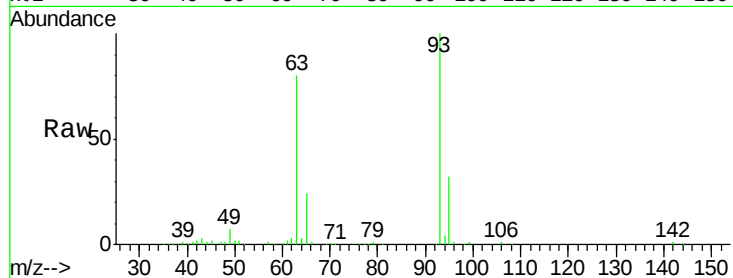




#11
bis(2-Chloroethyl)ether
Concen: 47.61 ng
RT: 6.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

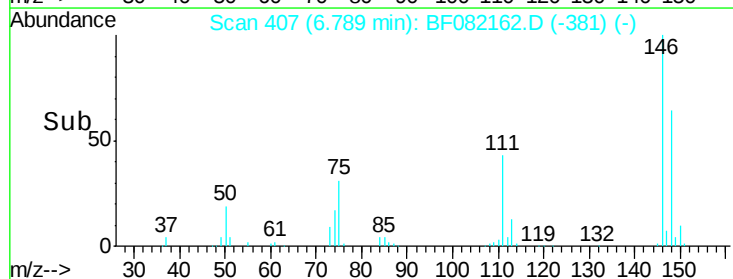
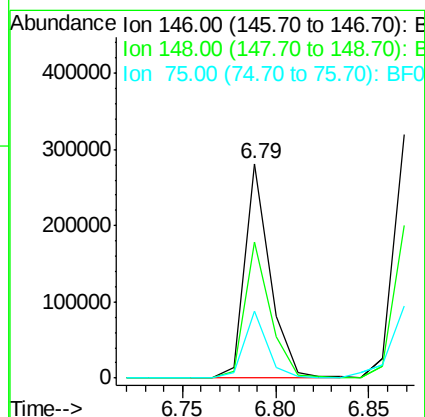
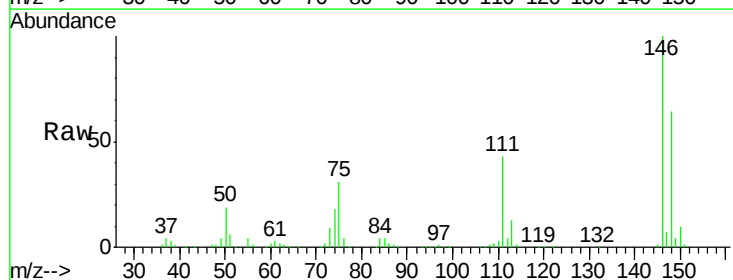
Instrument :
BNA_F
ClientSampleId :

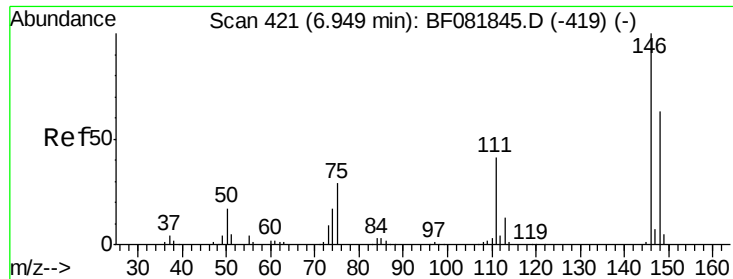
Tot Ion: 93 Resp: 253000
Ion Ratio Lower Upper
93 100
63 79.6 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.98 ng
RT: 6.79 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion: 146 Resp: 265829
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.2 15.0 22.6#

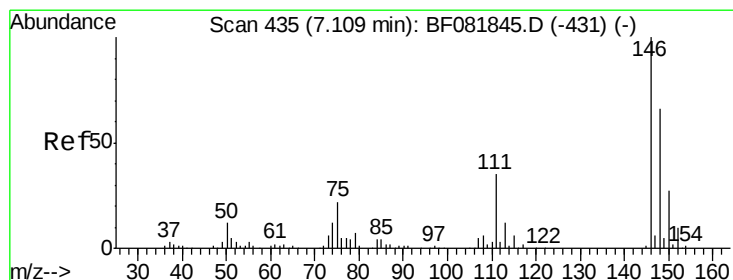
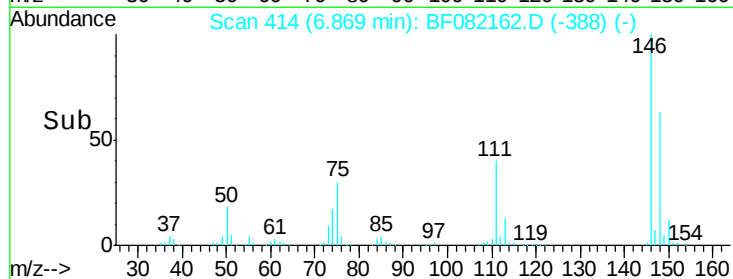
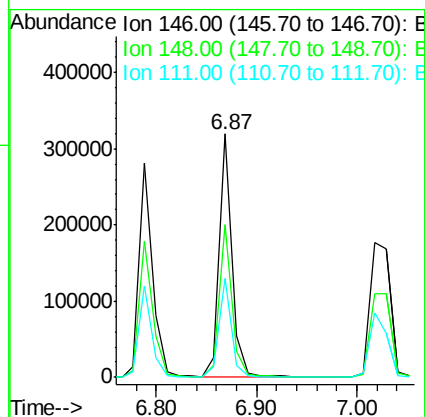
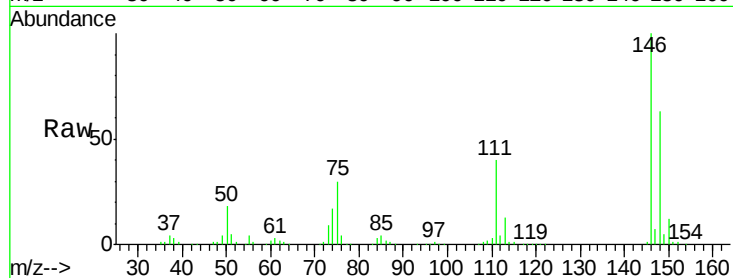




#13
 1,4-Dichlorobenzene
 Concen: 43.20 ng
 RT: 6.87 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

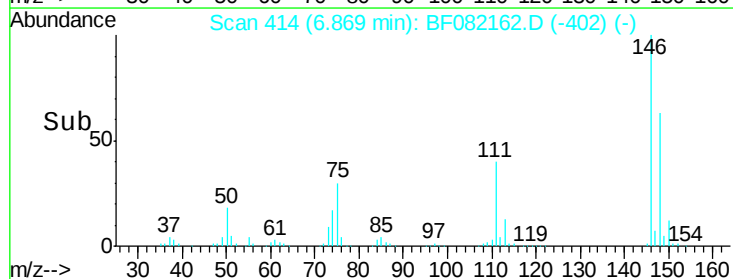
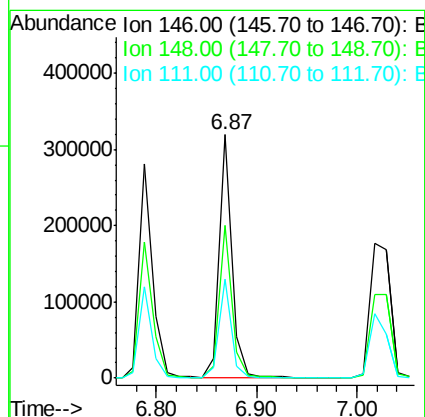
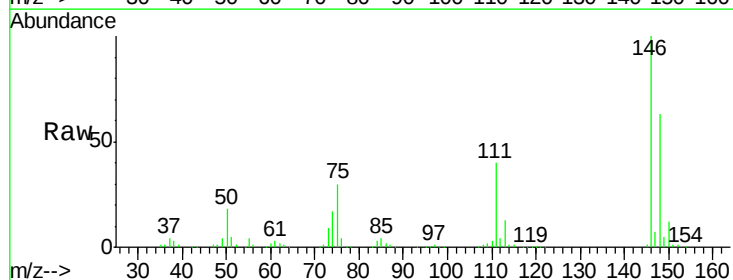
Instrument :
 BNA_F
 ClientSampled :

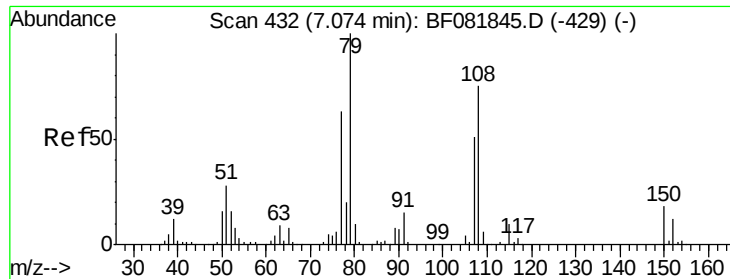
Tot Ion:146 Resp: 285613
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.6
 111 40.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 48.75 ng
 RT: 6.87 min Scan# 414
 Delta R.T. -0.16 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:146 Resp: 287227
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.7 79.1
 111 40.5 28.8 43.2

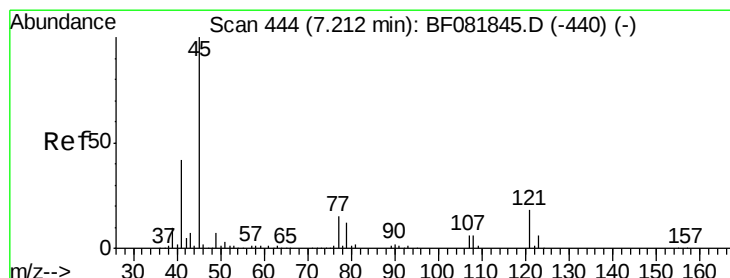
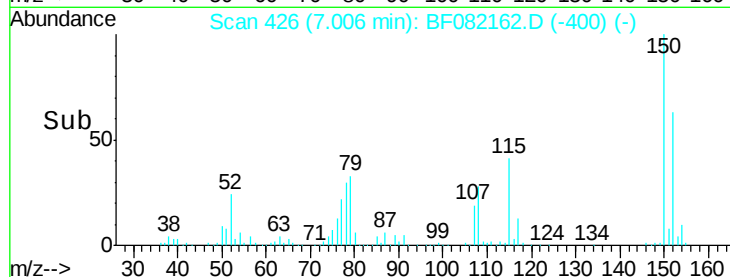
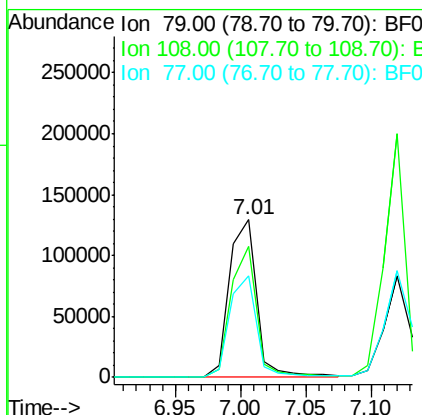
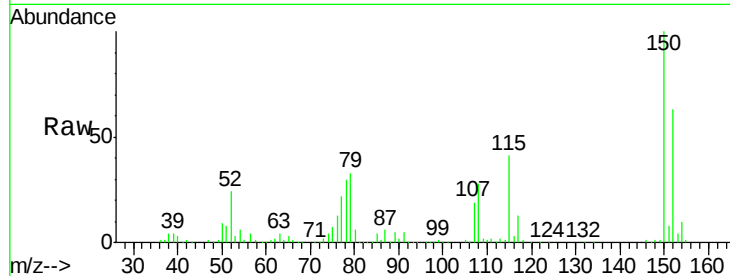




#15
Benzyl Alcohol
Concen: 43.14 ng
RT: 7.01 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

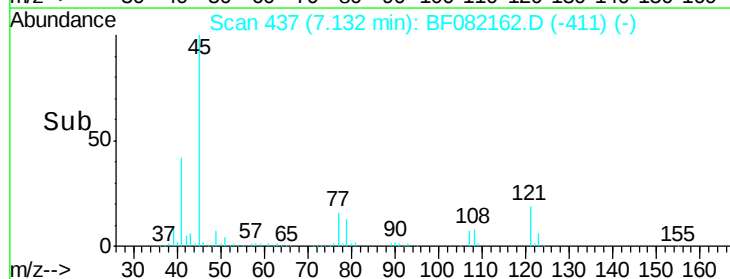
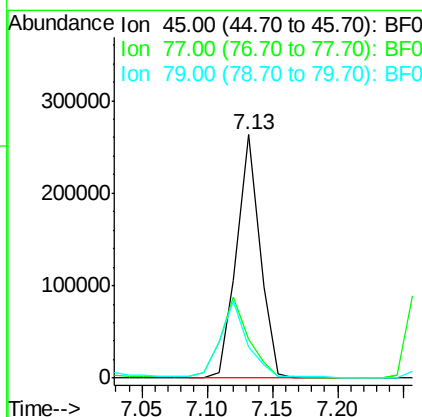
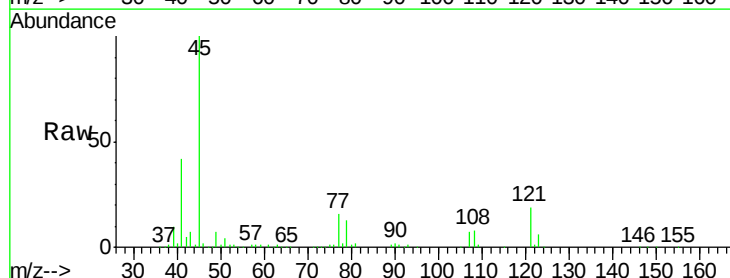
Instrument :
BNA_F
ClientSampleId :

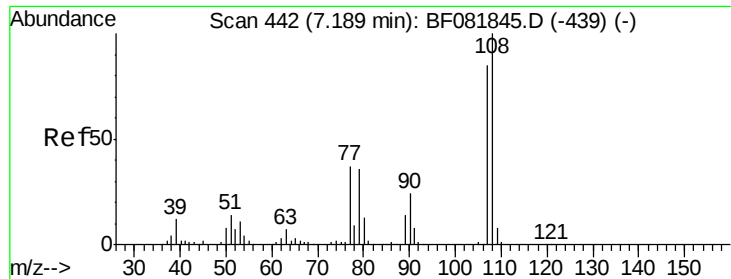
Tot Ion: 79 Resp: 190192
Ion Ratio Lower Upper
79 100
108 82.9 88.6 132.8#
77 64.7 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.86 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion: 45 Resp: 329437
Ion Ratio Lower Upper
45 100
77 15.9 0.0 28.1
79 12.6 0.0 26.0

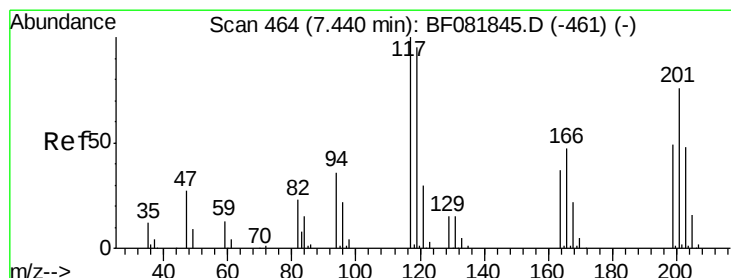
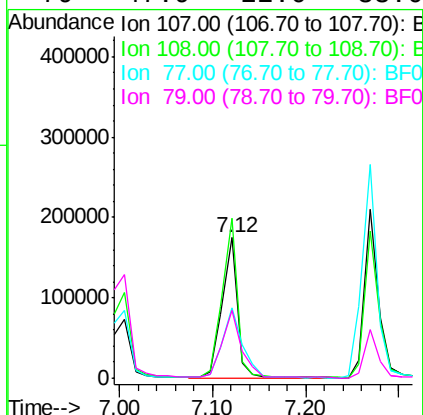
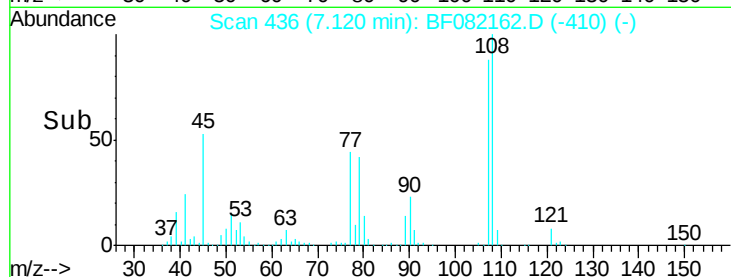
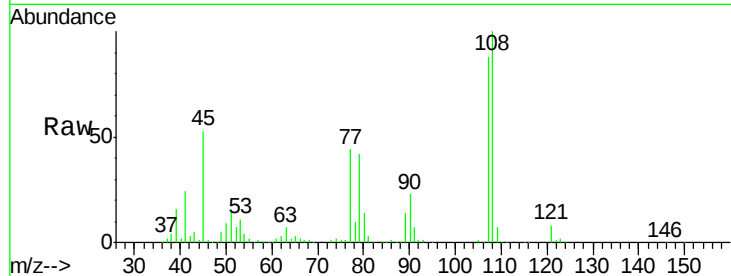




#17
2-Methylphenol
Concen: 45.84 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

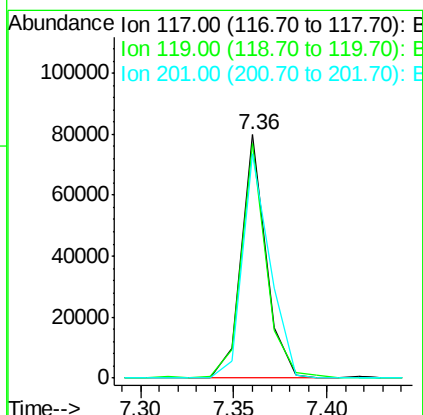
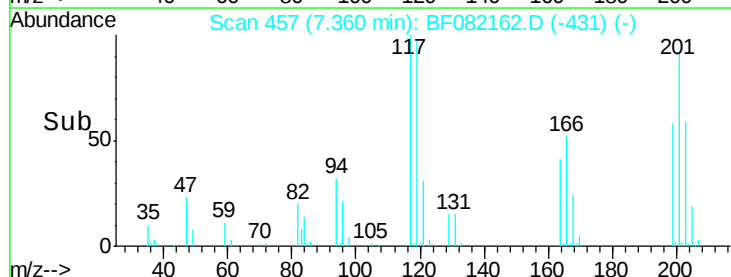
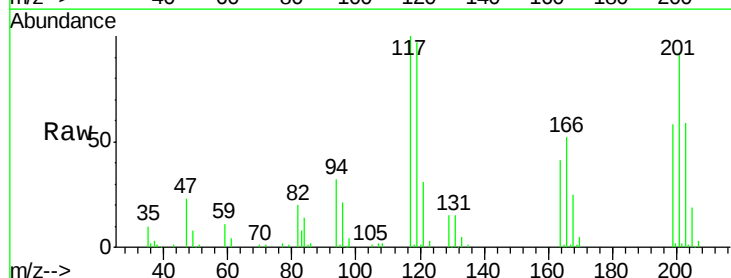
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 199240
Ion Ratio Lower Upper
107 100
108 114.3 96.6 145.0
77 50.0 23.3 34.9#
79 47.9 22.0 33.0#



#18
Hexachloroethane
Concen: 35.51 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:117 Resp: 73511
Ion Ratio Lower Upper
117 100
119 96.5 83.8 125.6
201 91.9 55.1 82.7#

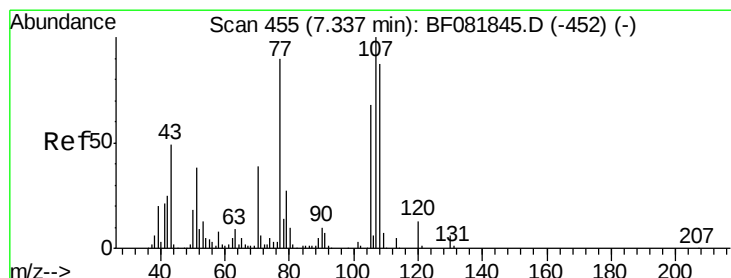
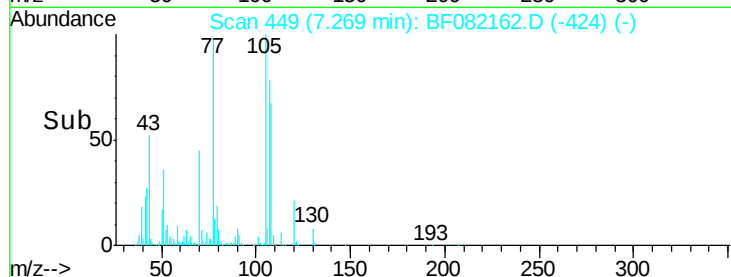
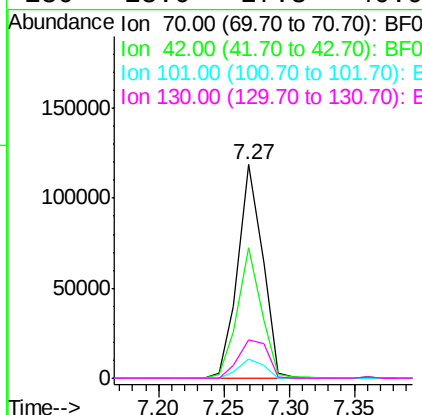
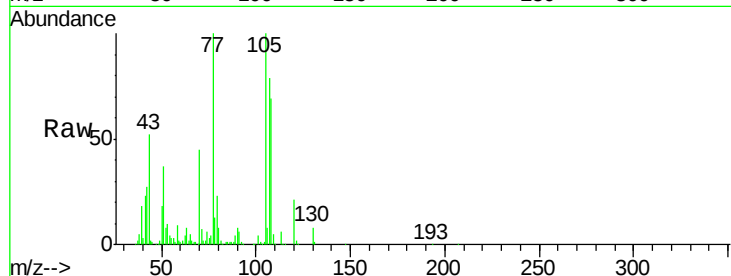




#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

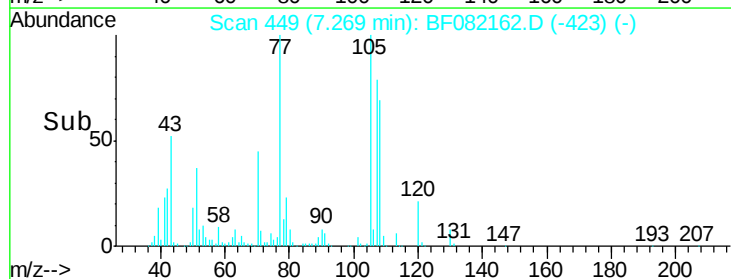
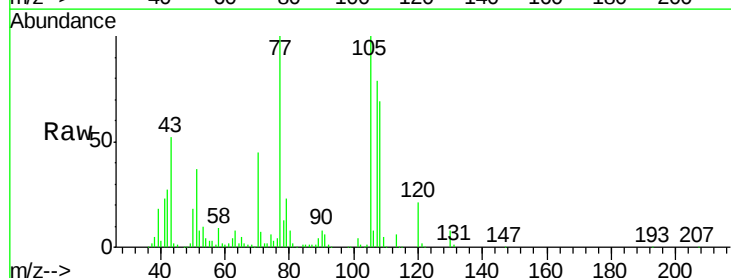
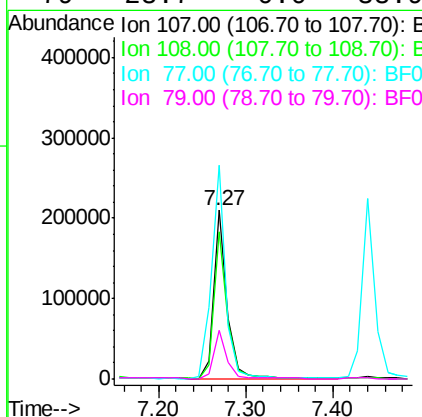
Instrument :
BNA_F
ClientSampleId :

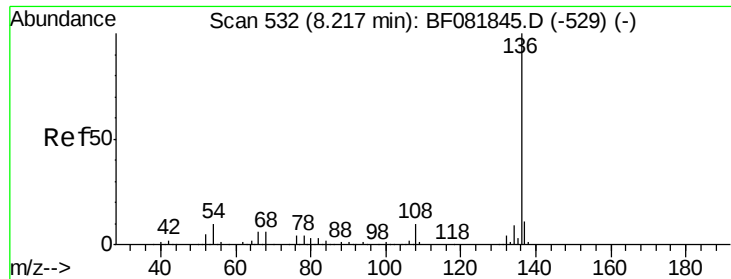
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	63.8	95.6#
101	8.9	9.2	13.8#
130	18.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.42 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.6	114.6
77	126.5	0.7	40.7#
79	28.7	0.0	38.9

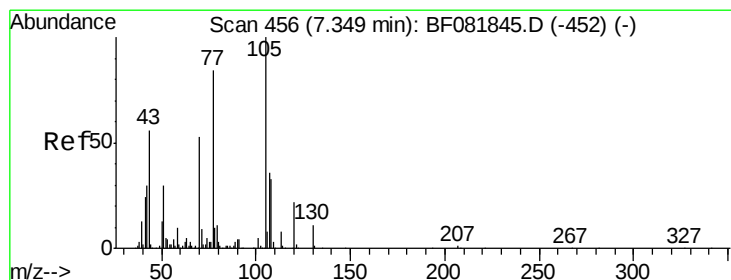
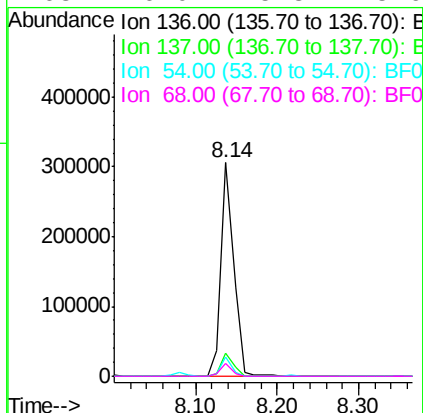
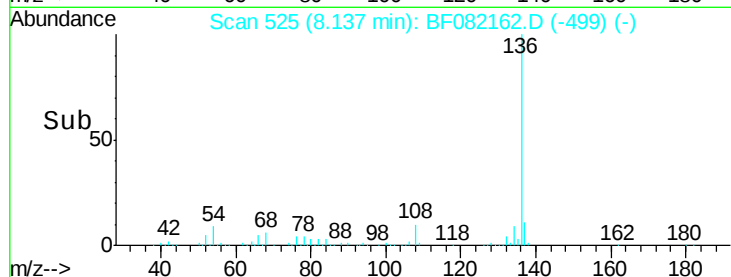
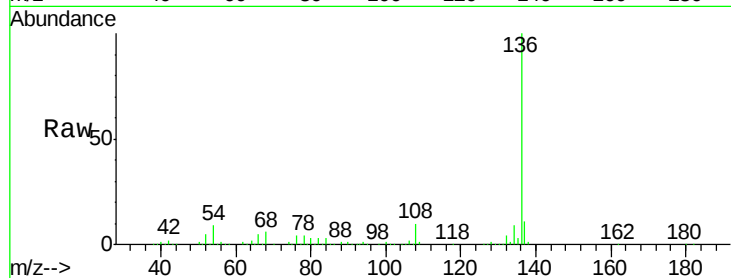




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

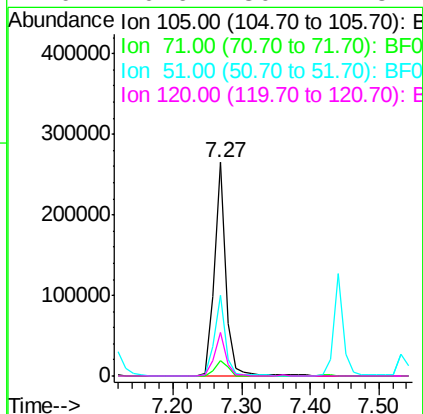
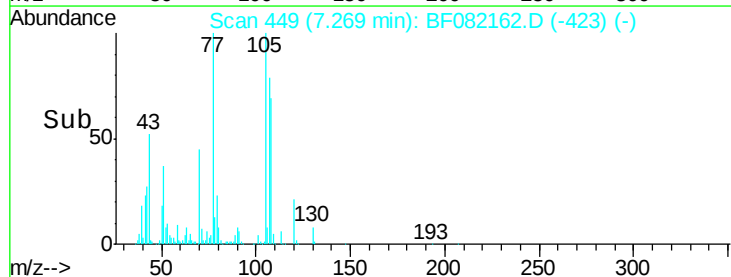
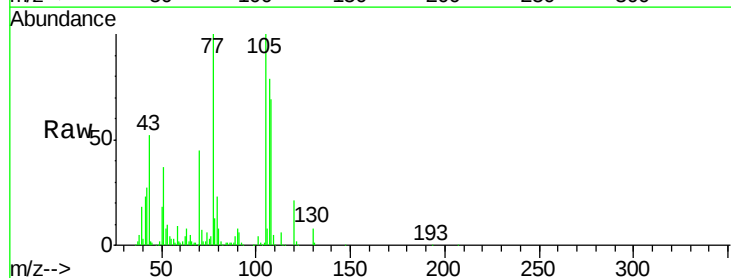
Instrument :
BNA_F
ClientSampleId :

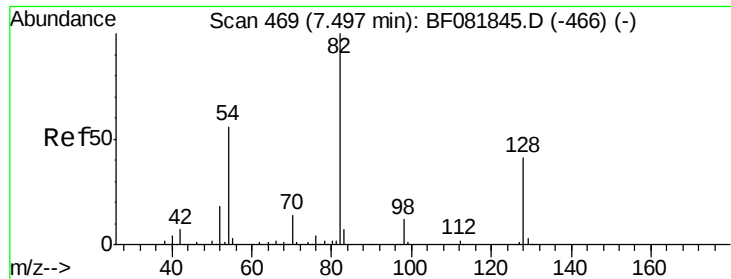
Tot Ion:136	Resp:	332139
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.6
54 9.1	8.2	12.2
68 6.0	5.8	8.6



#22
Acetophenone
Concen: 46.55 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt	Ion:105	Resp:	316118
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.7	7.1#
51	37.5	22.0	33.0#
120	20.6	30.1	45.1#

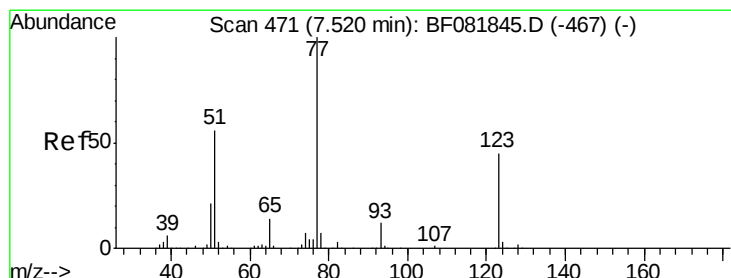
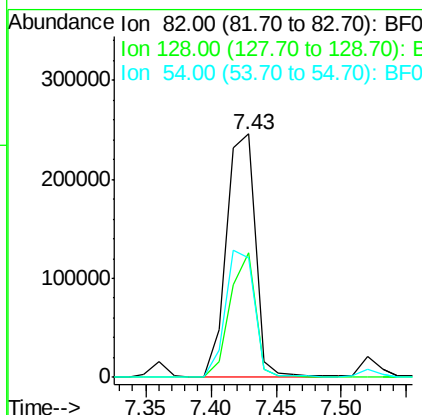
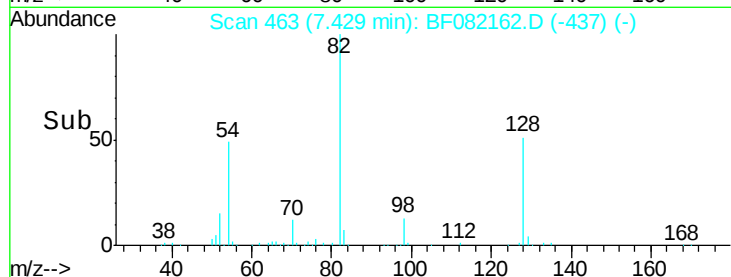
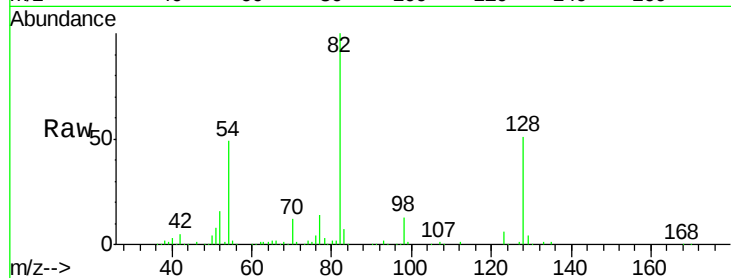




#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

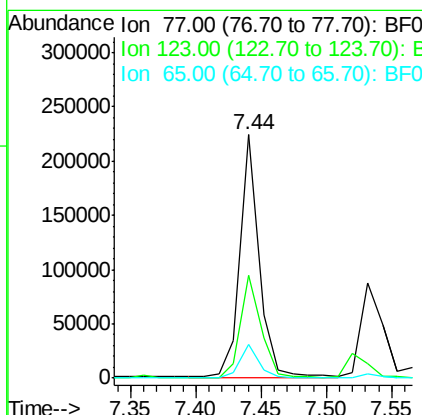
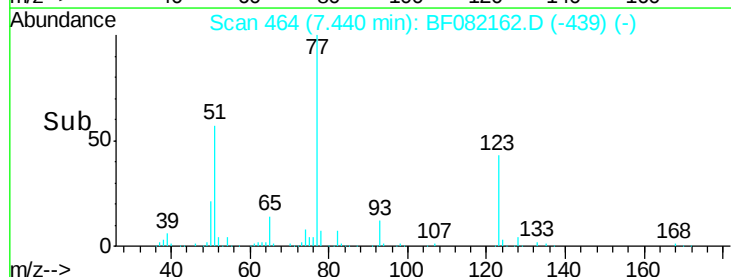
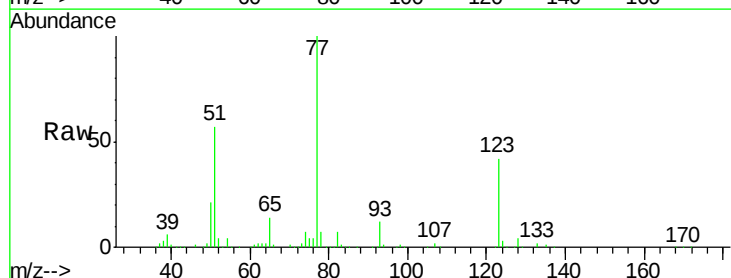
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	380500
Ion Ratio	Lower	Upper	
82	100		
128	51.0	51.0	76.6#
54	48.9	47.5	71.3



#24
 Nitrobenzene
 Concen: 42.30 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion	77	Resp	228848
Ion Ratio	Lower	Upper	
77	100		
123	42.4	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 45.27 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampled :

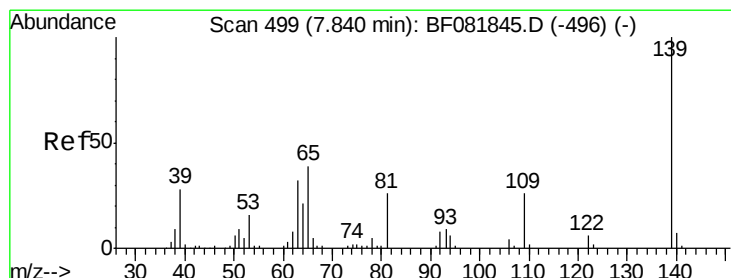
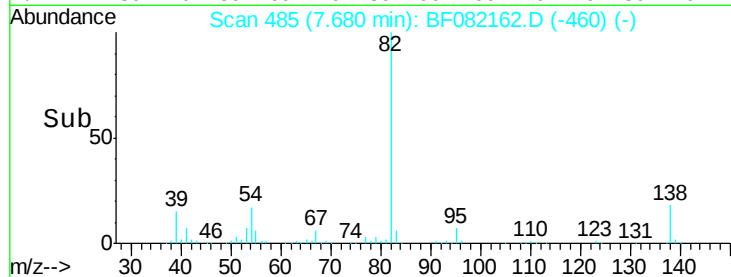
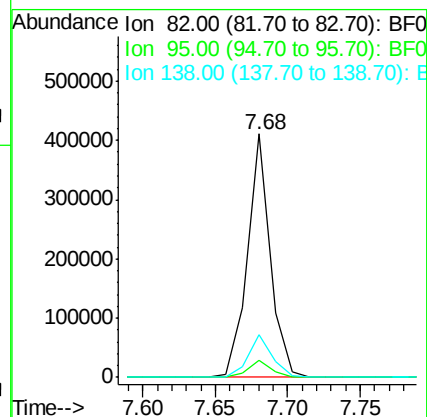
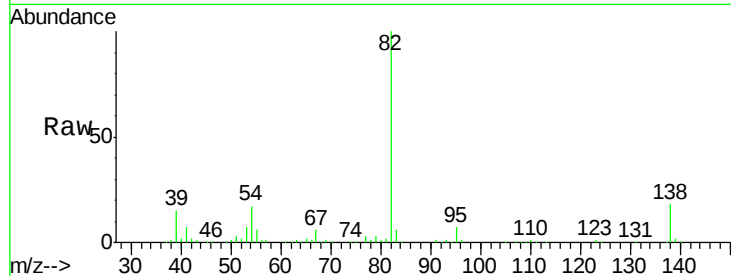
Tot Ion: 82 Resp: 447118

Ion Ratio Lower Upper

82 100

95 6.9 4.0 6.0#

138 17.6 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.02 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

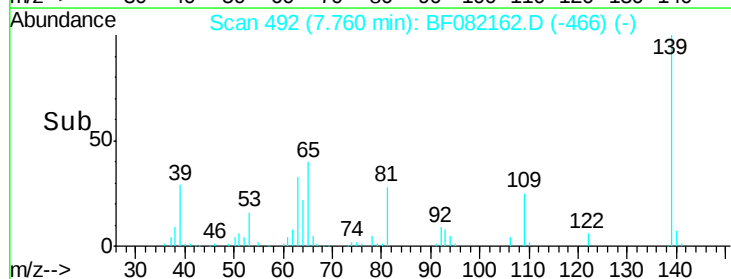
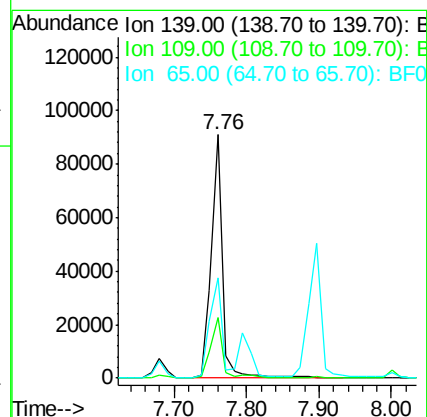
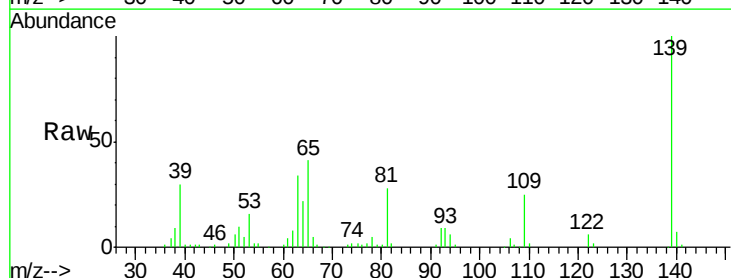
Tgt Ion: 139 Resp: 98733

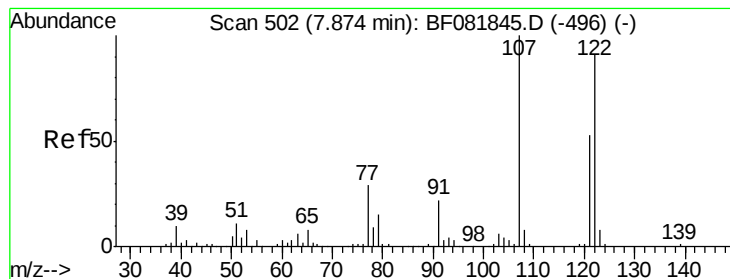
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 41.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 45.90 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

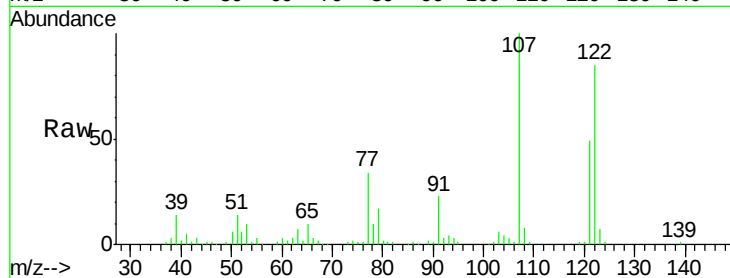
Tot Ion:122 Resp: 209716

Ion Ratio Lower Upper

122 100

107 117.1 71.8 107.6#

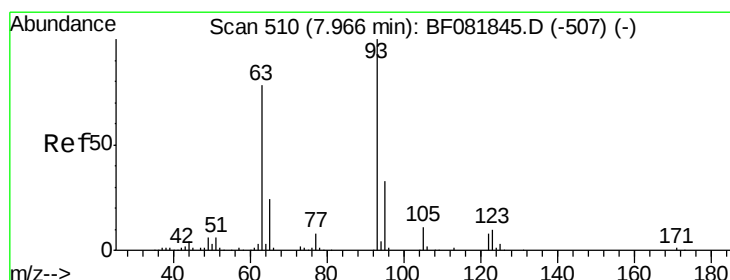
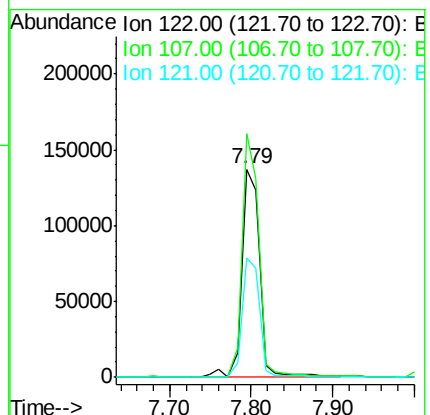
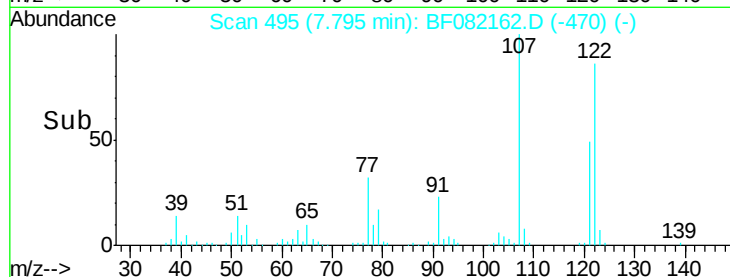
121 57.6 42.3 63.5



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: 49.94 ng

RT: 7.90 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

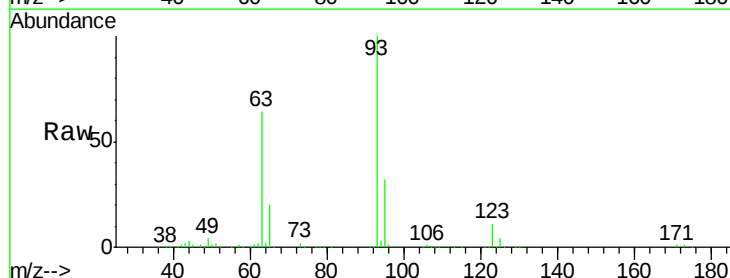
Tgt Ion: 93 Resp: 292896

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

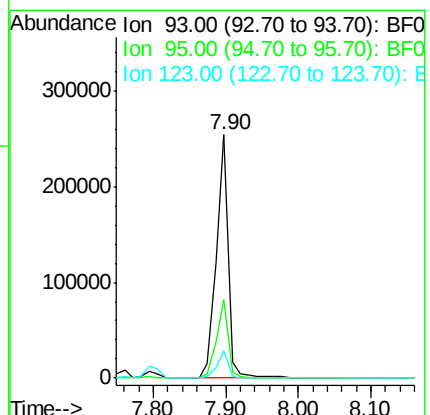
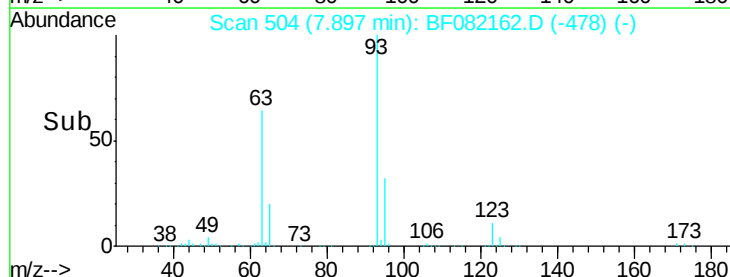
123 11.2 13.7 20.5#

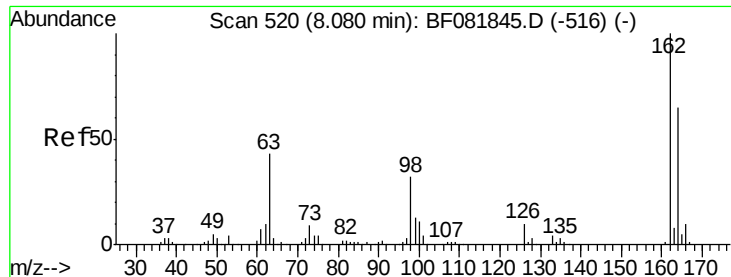


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

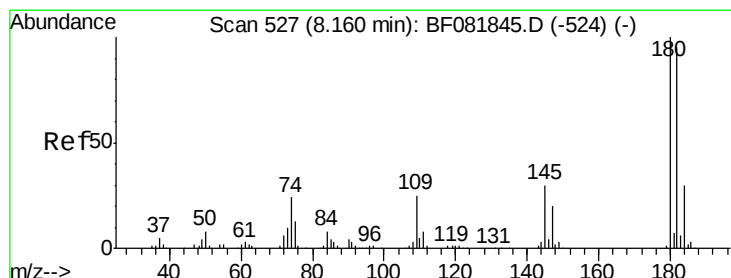
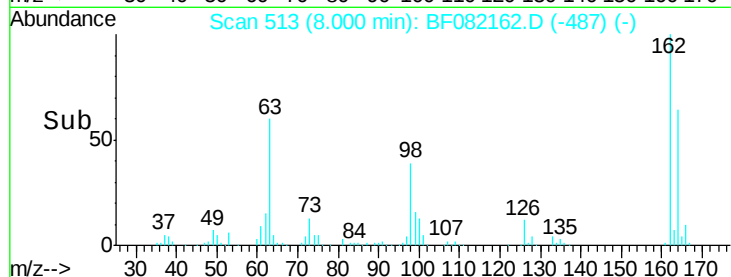
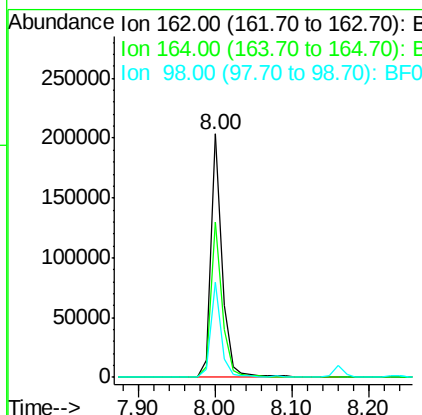
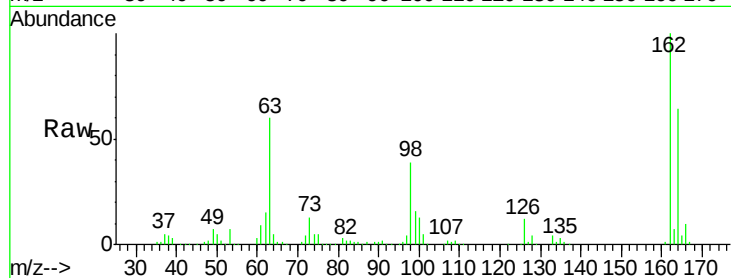




#29
 2,4-Dichlorophenol
 Concen: 46.80 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

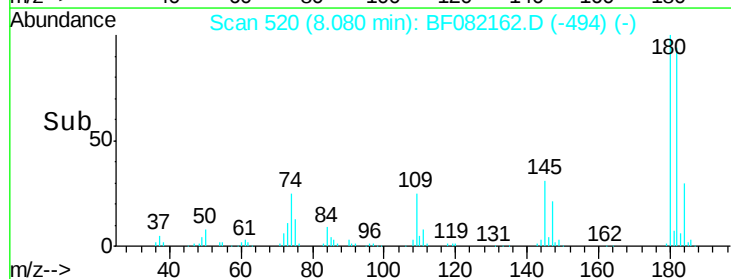
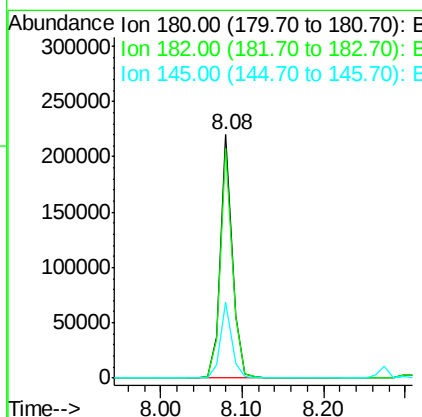
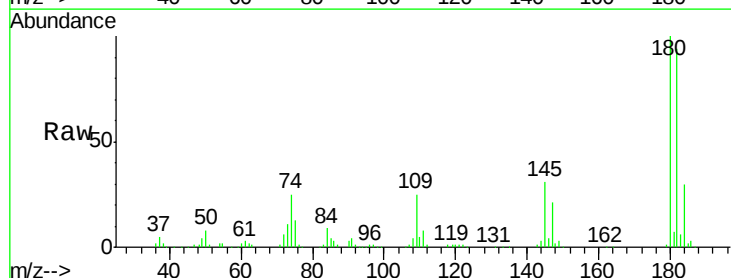
Instrument :
 BNA_F
 ClientSampleId :

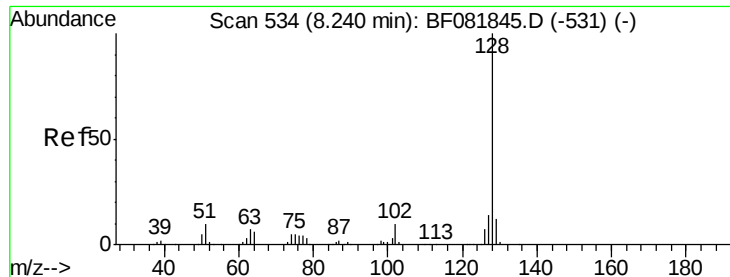
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	38.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.82 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.1	115.7
145	31.3	23.3	34.9

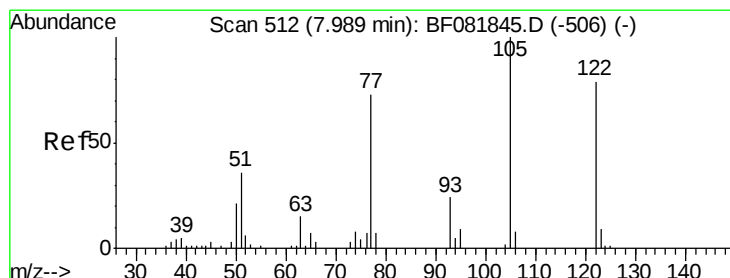
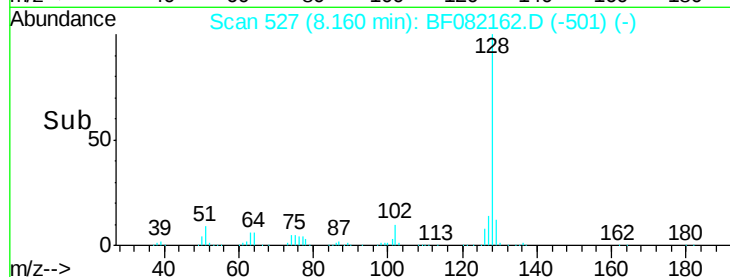
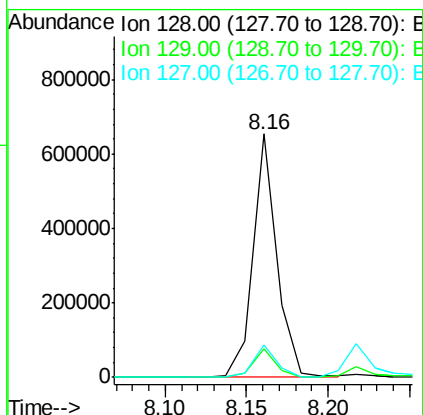
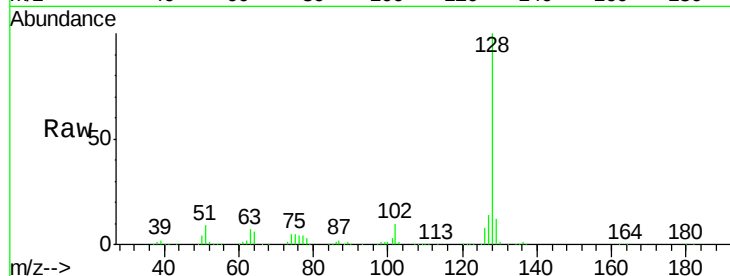




#31
Naphthalene
Concen: 45.20 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

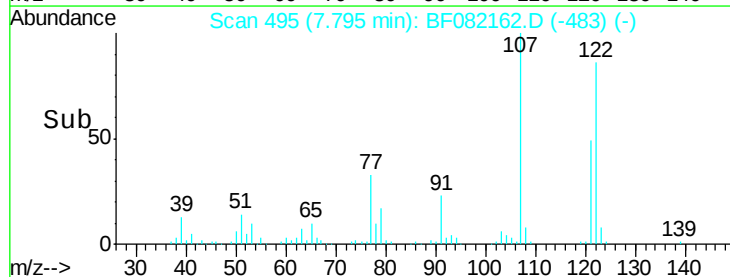
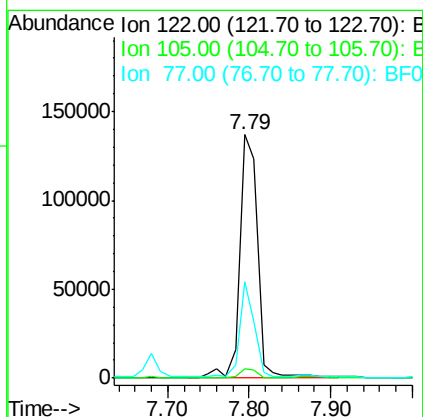
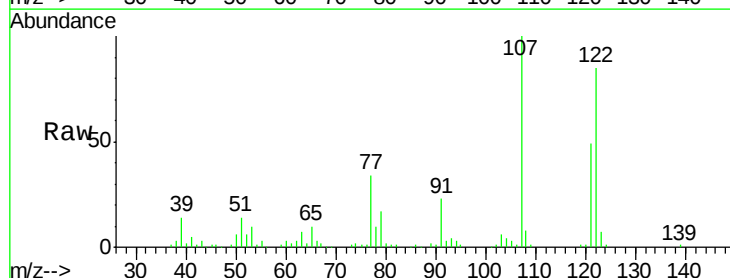
Instrument :
BNA_F
ClientSampleId :

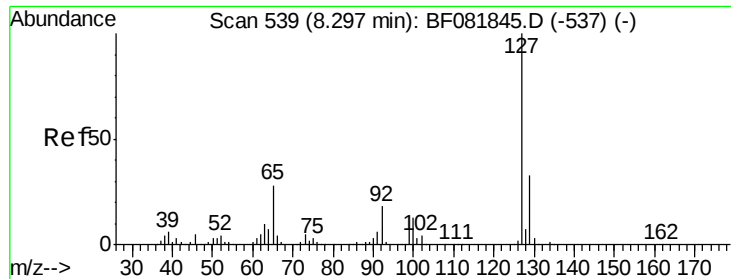
Tot Ion:128 Resp: 665262
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 9.9 14.9



#32
Benzoic acid
Concen: 72.34 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.16 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:122 Resp: 209716
Ion Ratio Lower Upper
122 100
105 4.0 76.1 116.1#
77 39.4 40.5 80.5#

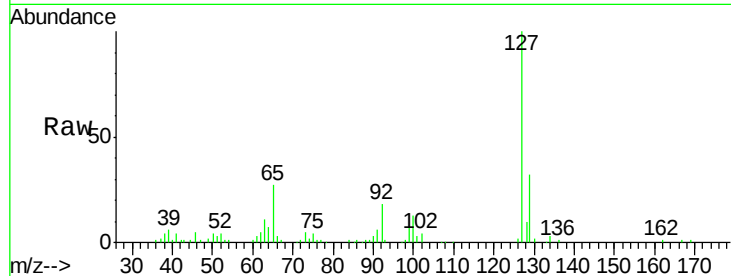




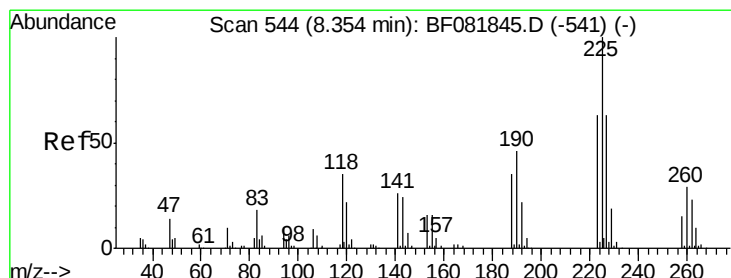
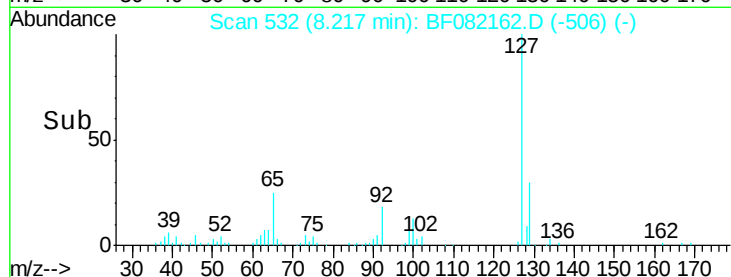
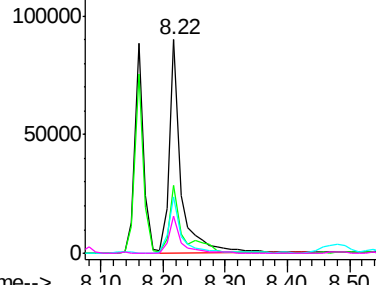
#33
4-Chloroaniline
Concen: 18.50 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	117746
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	26.7	17.9	26.9
92	17.5	10.5	15.7#

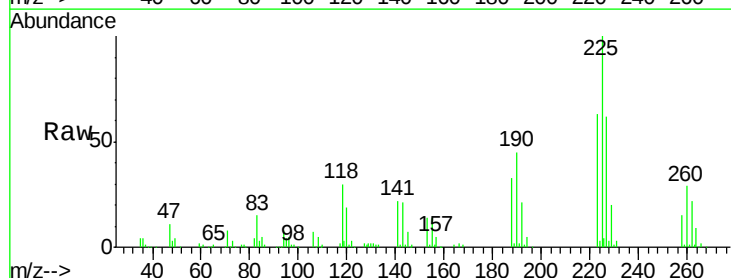


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

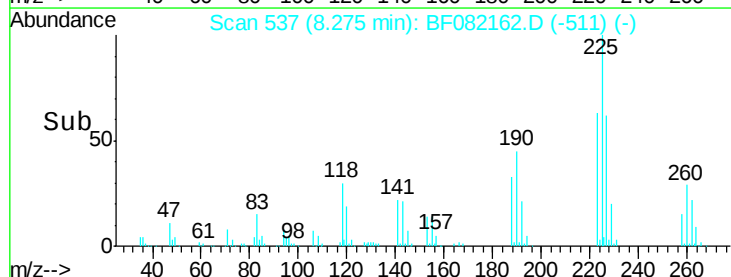
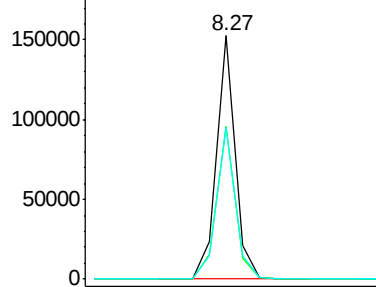


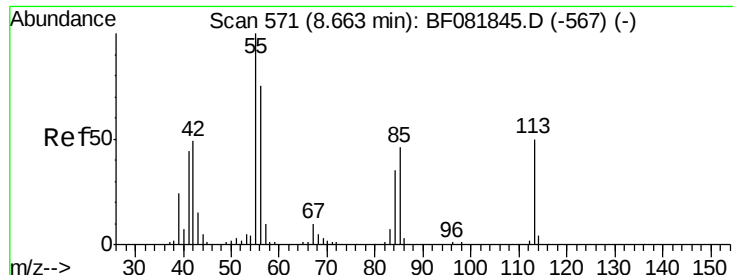
#34
Hexachlorobutadiene
Concen: 46.80 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:	225	Resp:	136884
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	62.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

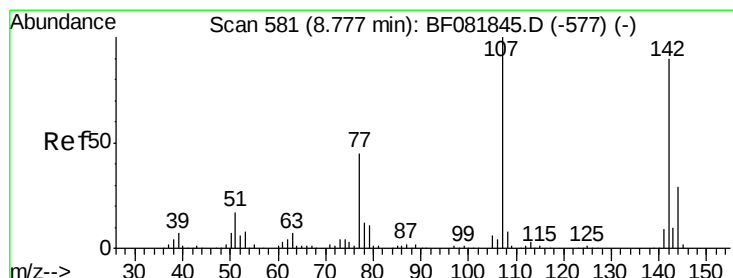
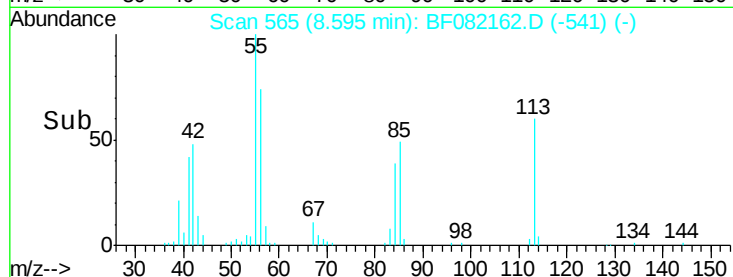
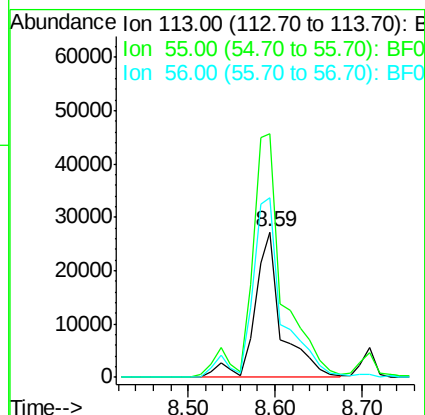
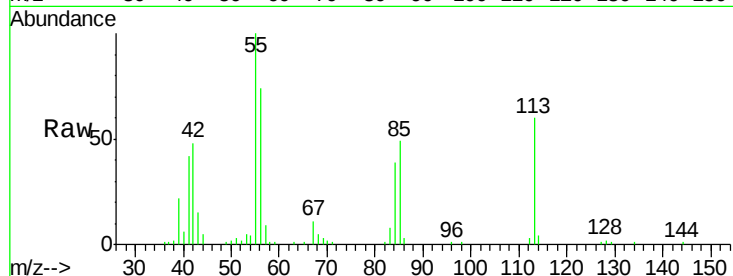




#35
 Caprolactam
 Concen: 48.42 ng
 RT: 8.59 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

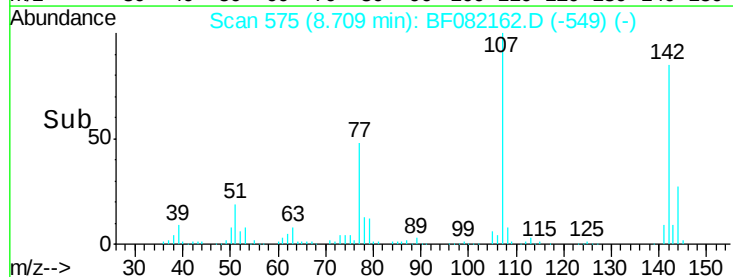
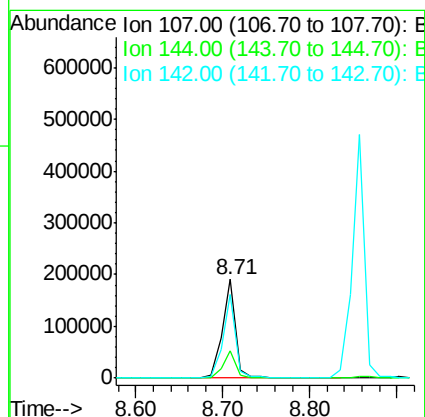
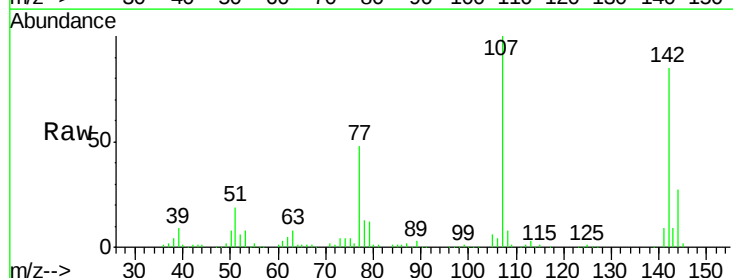
Instrument :
 BNA_F
 ClientSampleId :

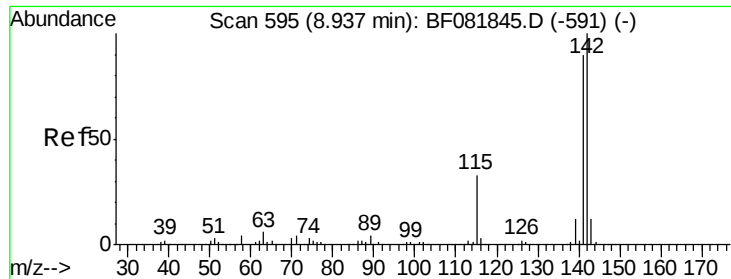
Tot Ion:113 Resp: 59381
 Ion Ratio Lower Upper
 113 100
 55 167.4 152.4 192.4
 56 123.7 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.97 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:107 Resp: 207815
 Ion Ratio Lower Upper
 107 100
 144 27.4 25.4 38.0
 142 85.4 77.3 115.9

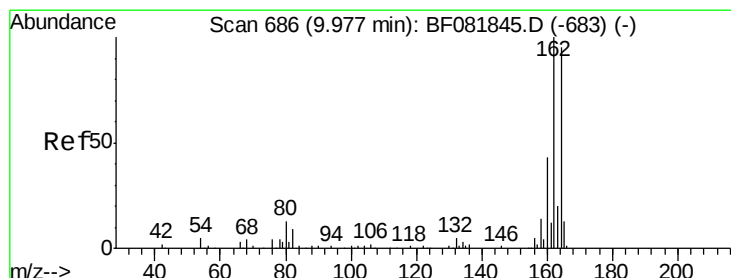
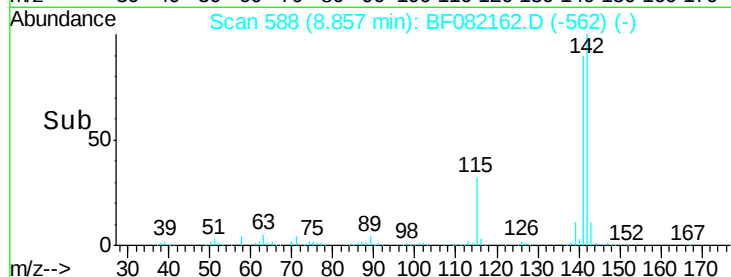
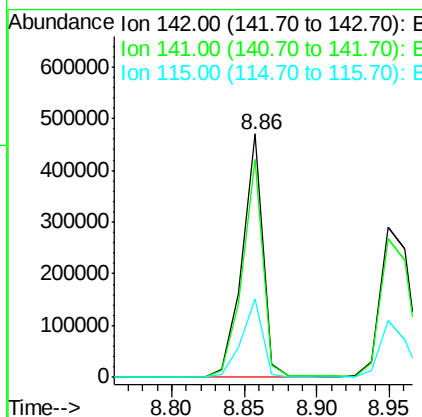
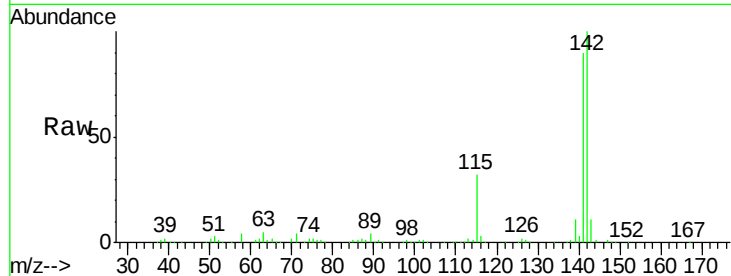




#37
 2-Methylnaphthalene
 Concen: 46.58 ng
 RT: 8.86 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

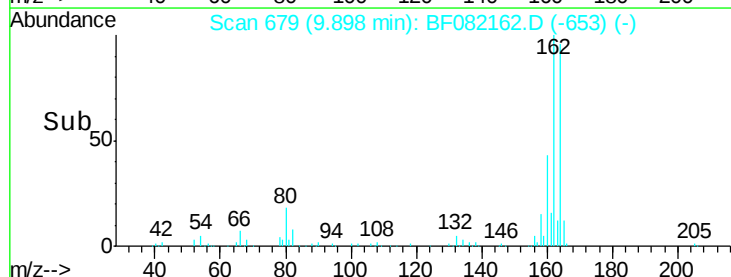
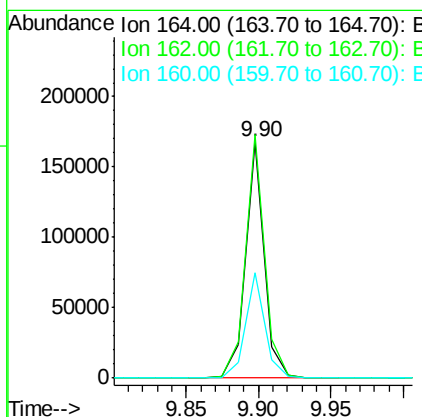
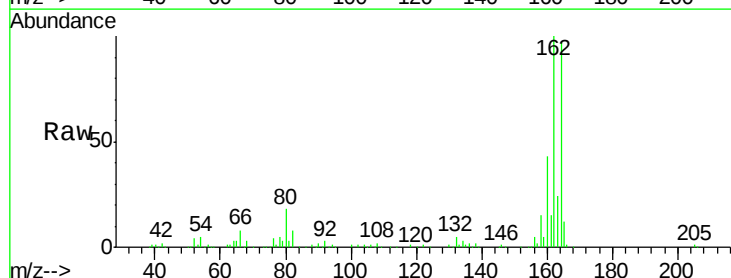
Instrument :
 BNA_F
 ClientSampleId :

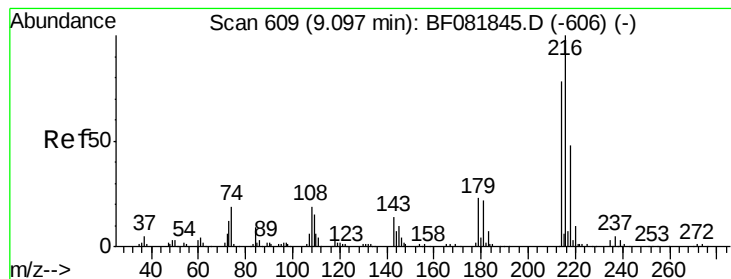
Tot Ion:142 Resp: 467929
 Ion Ratio Lower Upper
 142 100
 141 89.6 67.5 101.3
 115 32.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:164 Resp: 149303
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 44.6 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.88 ng

RT: 9.02 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 205694

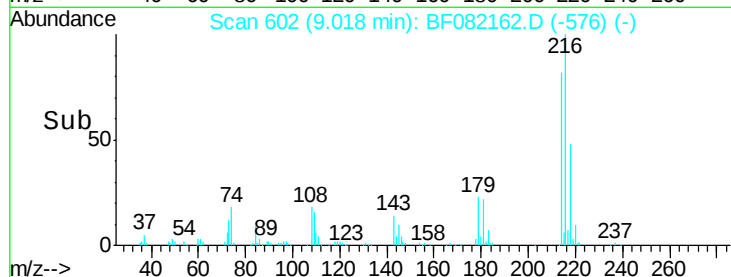
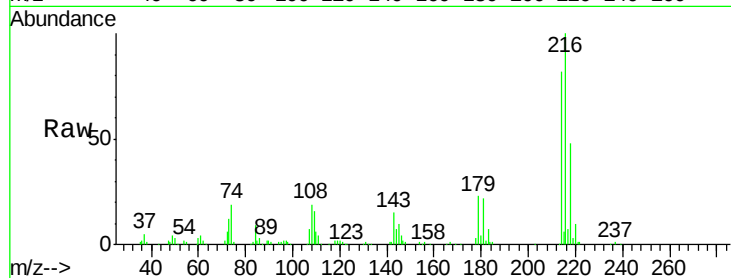
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 21.6 16.6 24.8

108 17.0 16.3 24.5

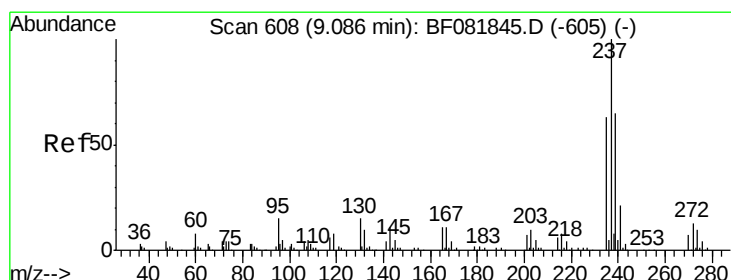
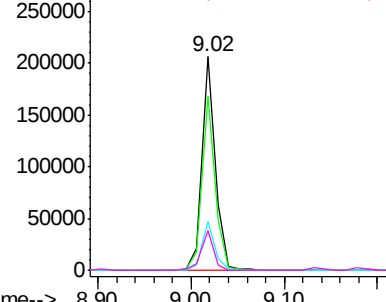


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.86 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

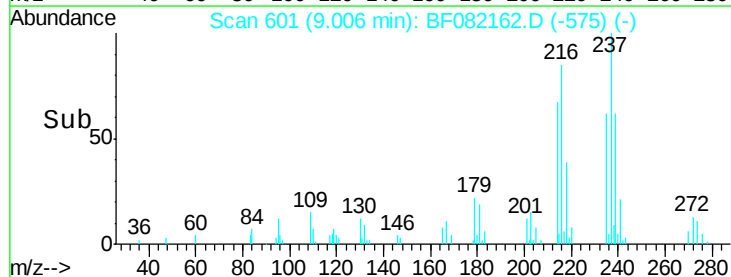
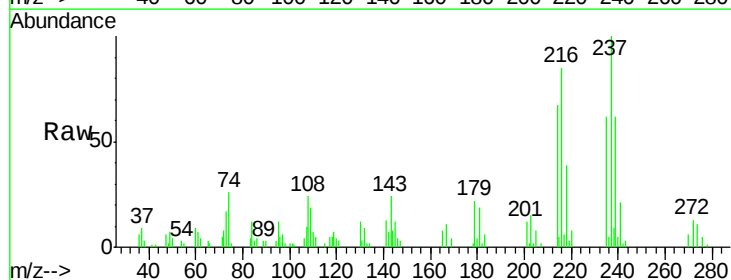
Tgt Ion:237 Resp: 27987

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

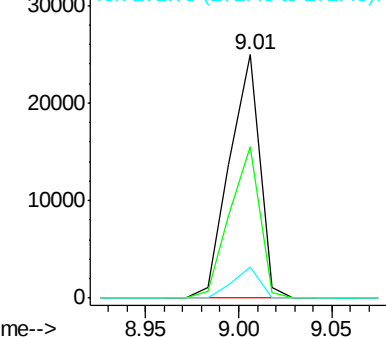
272 13.0 0.0 36.1

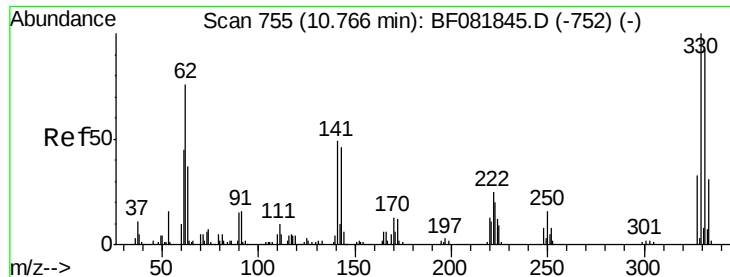


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

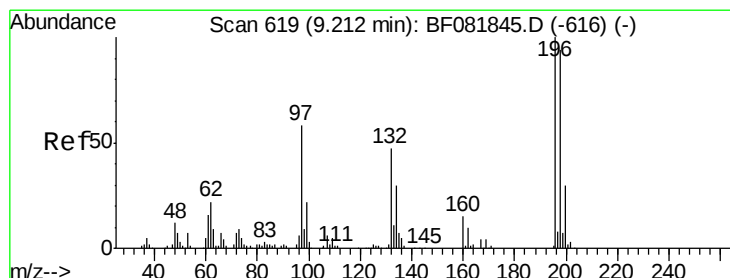
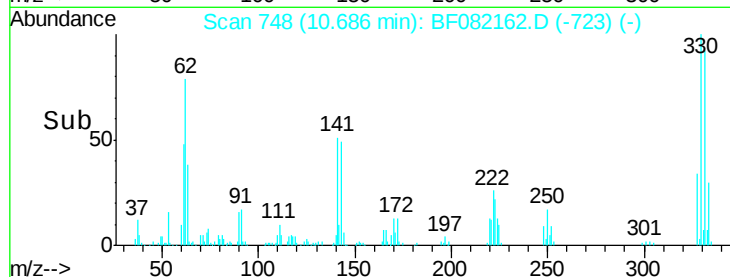
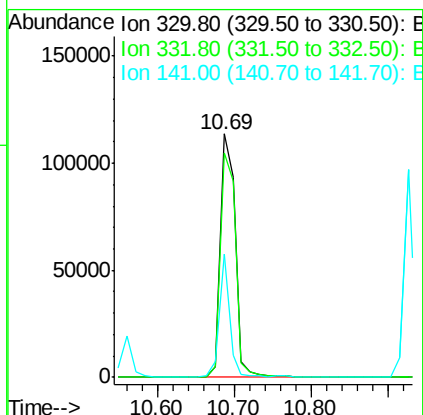
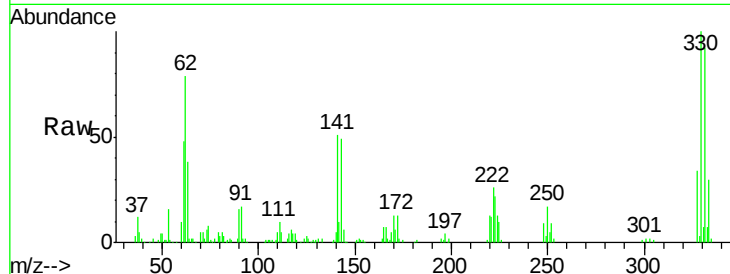




#41
 2,4,6-Tribromophenol
 Concen: 103.04 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

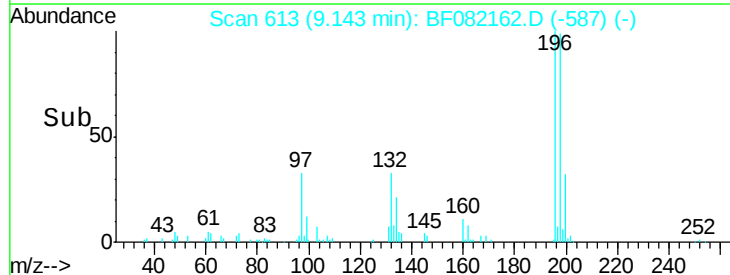
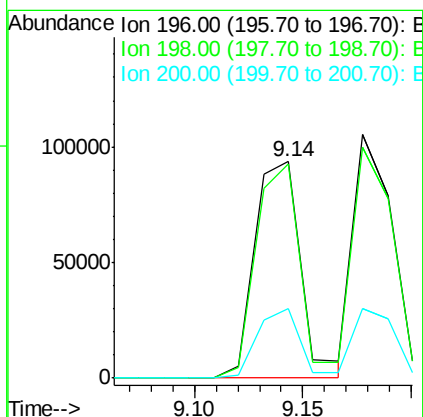
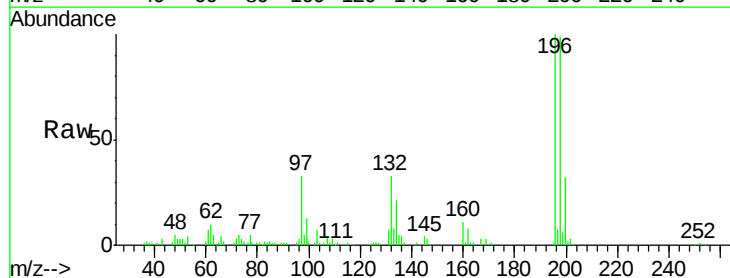
Instrument :
 BNA_F
 ClientSampleId :

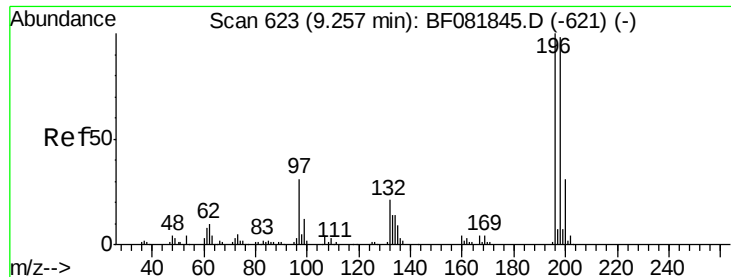
Tot Ion:330 Resp: 155798
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 35.0 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 44.06 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:196 Resp: 138462
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.7 113.5
 200 32.1 23.9 35.9

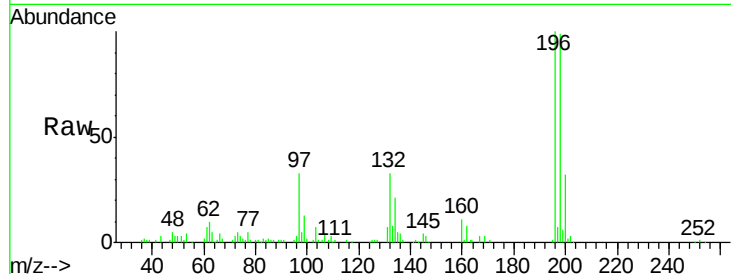




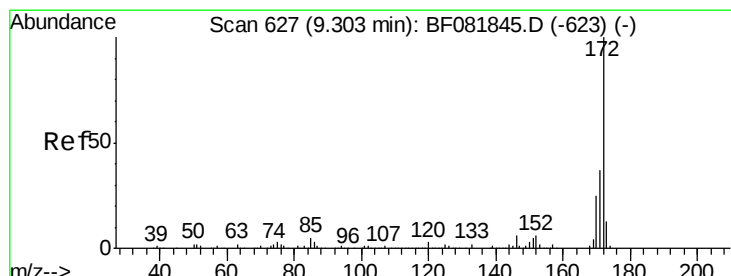
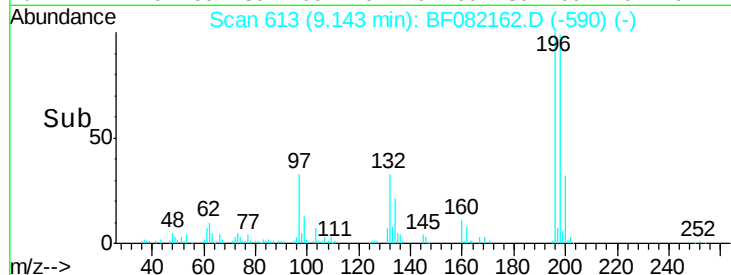
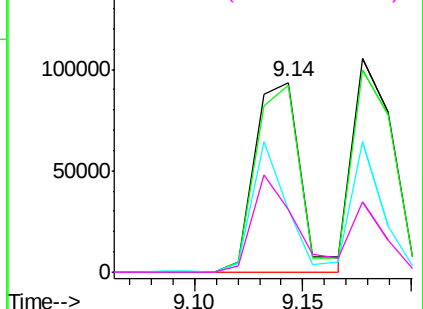
#43
 2,4,5-Trichlorophenol
 Concen: 42.85 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	138462
Ion Ratio	Lower	Upper
196	100	
198	98.7	75.4 113.0
97	33.3	33.3 49.9
132	33.3	24.6 37.0

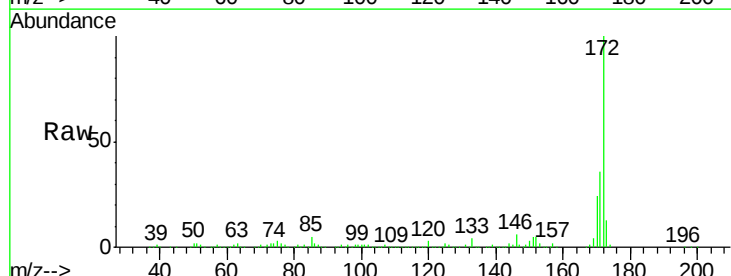


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

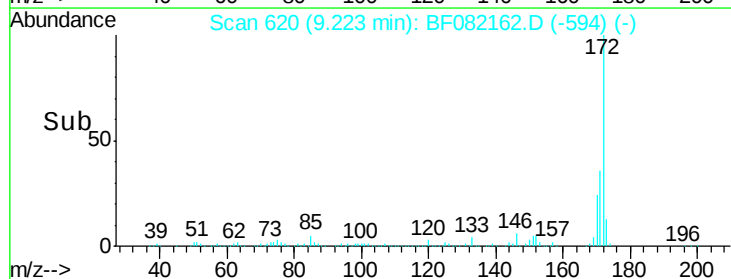
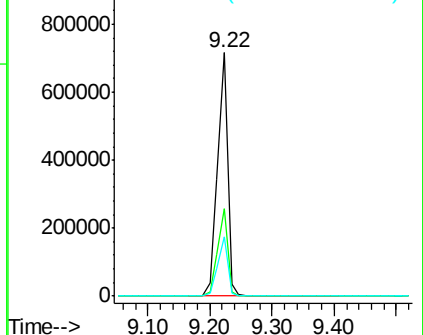


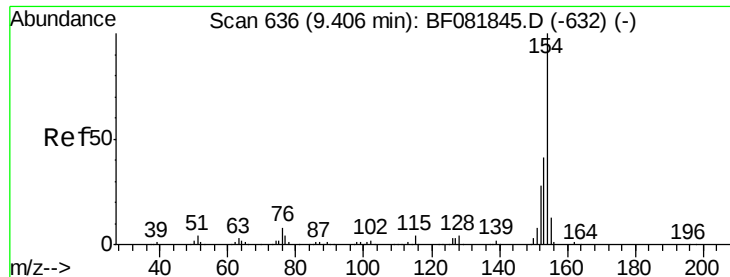
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:172	Resp:	791191
Ion Ratio	Lower	Upper
172	100	
171	35.9	26.1 39.1
170	24.1	17.4 26.2



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

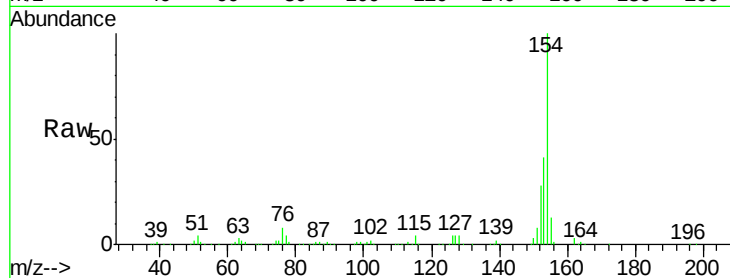




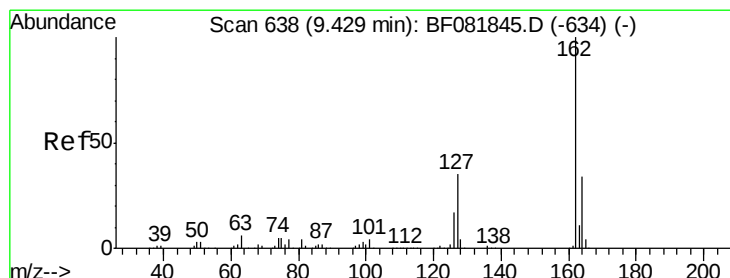
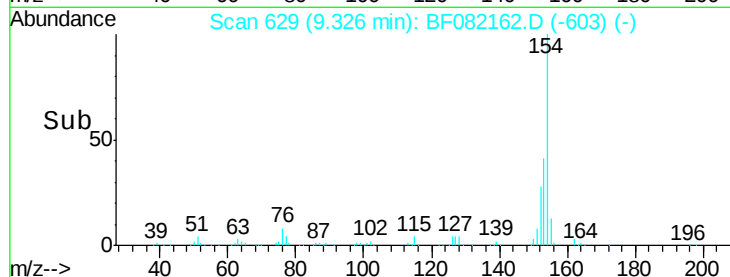
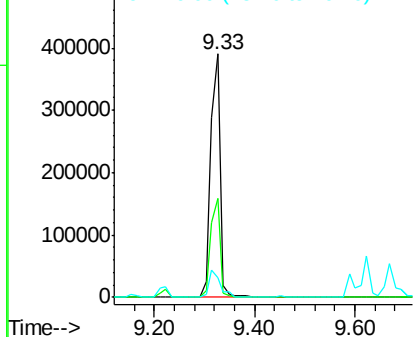
#45
 1,1'-Biphenyl
 Concen: 44.46 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 512109
 Ion Ratio Lower Upper
 154 100
 153 40.7 17.1 57.1
 76 8.0 0.0 31.6

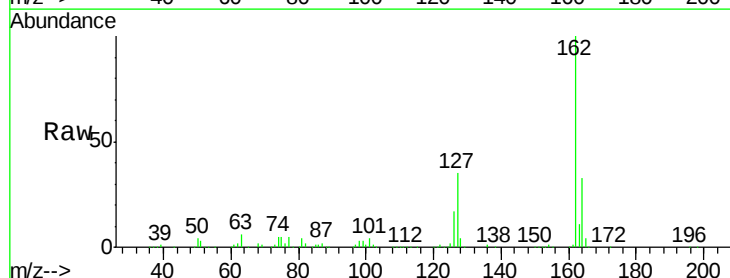


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

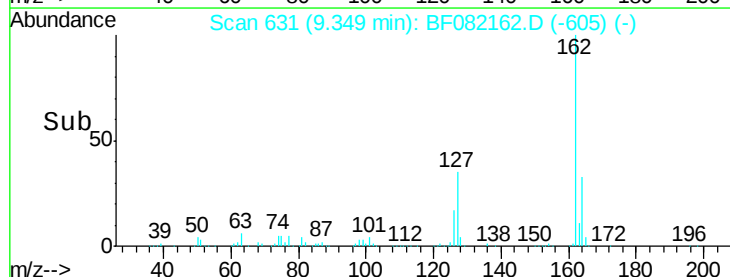
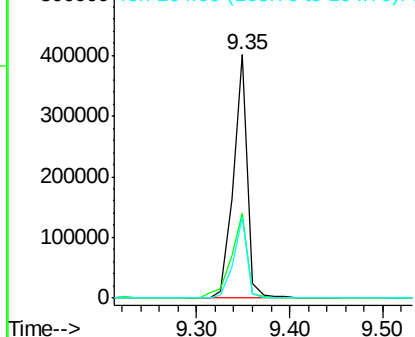


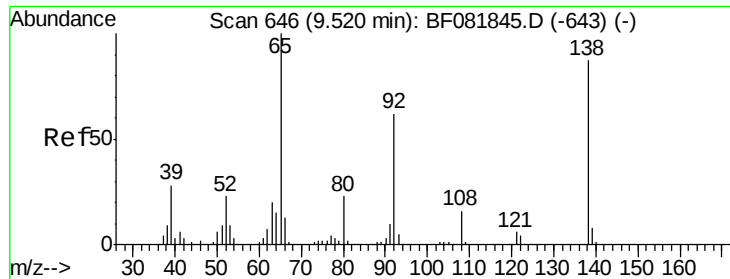
#46
 2-Chloronaphthalene
 Concen: 46.77 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:162 Resp: 422982
 Ion Ratio Lower Upper
 162 100
 127 35.1 27.6 41.4
 164 33.1 25.4 38.2



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: 47.87 ng

RT: 9.45 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

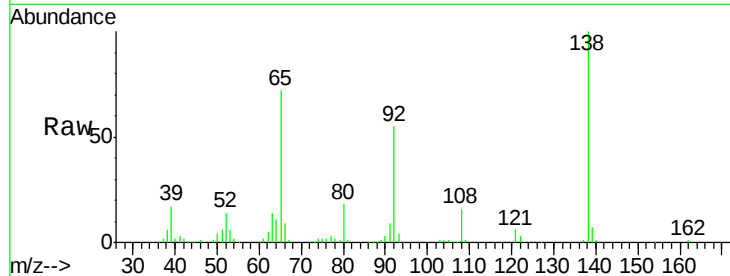
Tot Ion: 65 Resp: 127097

Ion Ratio Lower Upper

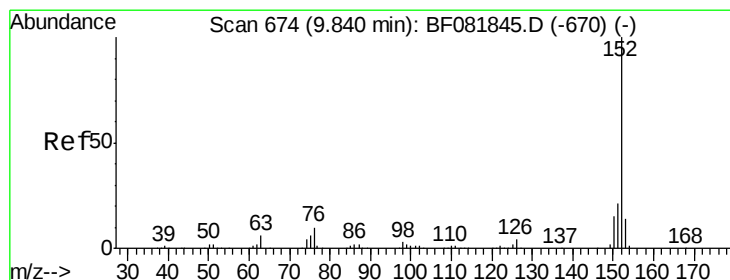
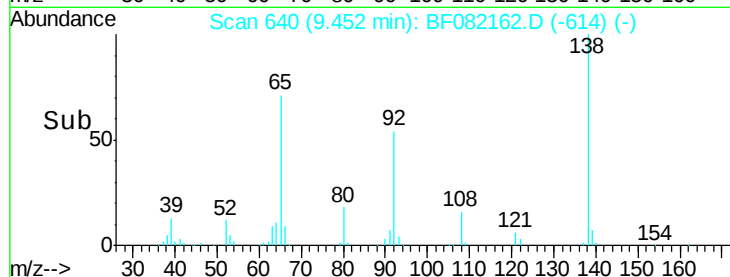
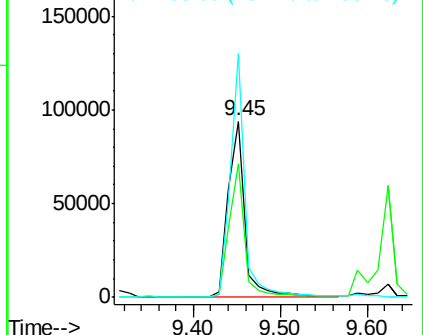
65 100

92 75.6 55.4 83.0

138 138.2 115.5 173.3



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.07 ng

RT: 9.76 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

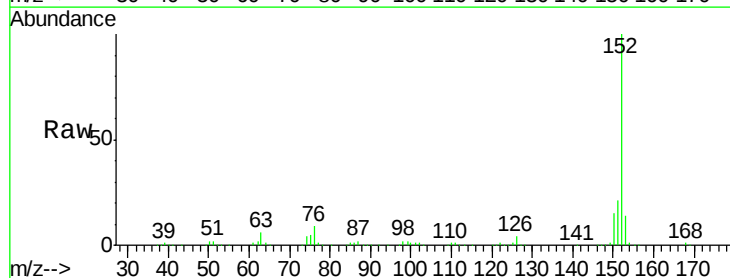
Tgt Ion: 152 Resp: 623478

Ion Ratio Lower Upper

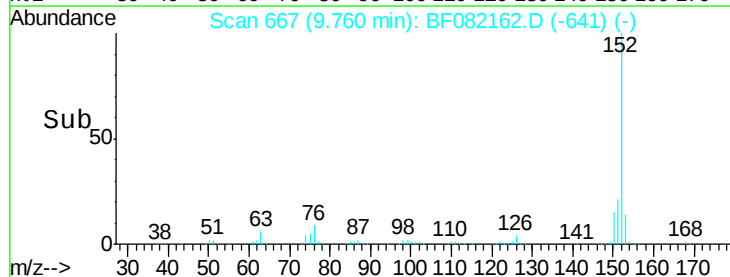
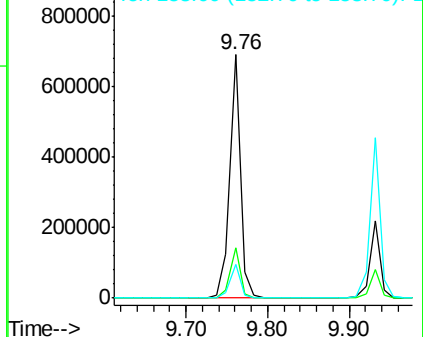
152 100

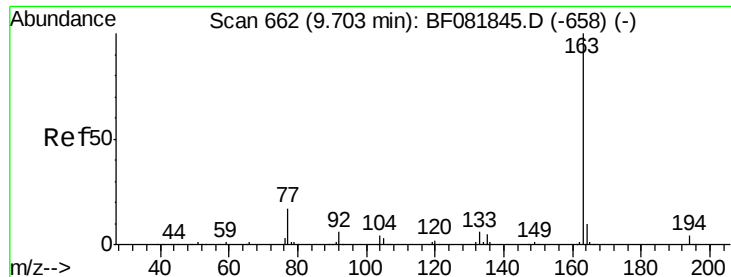
151 20.5 14.6 22.0

153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

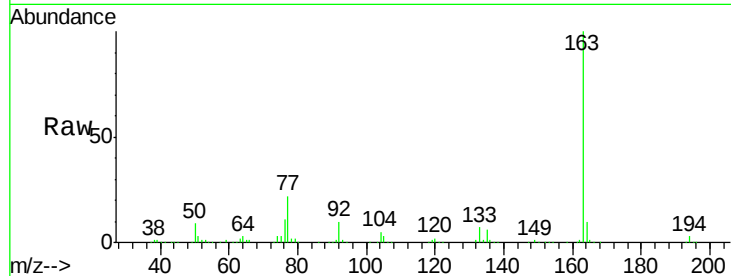




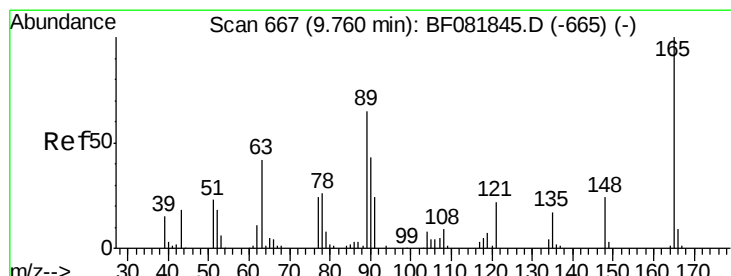
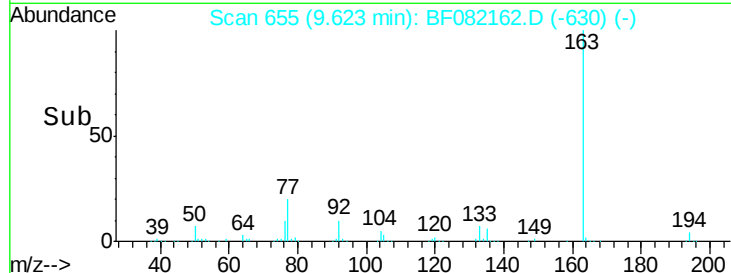
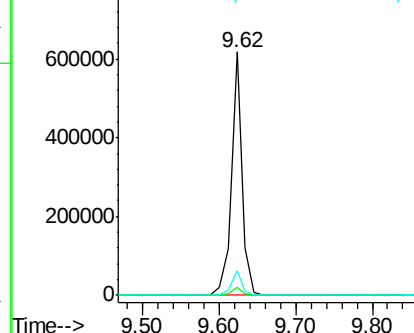
#49
Dimethylphthalate
Concen: 59.52 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 613418
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.3 8.3 12.5

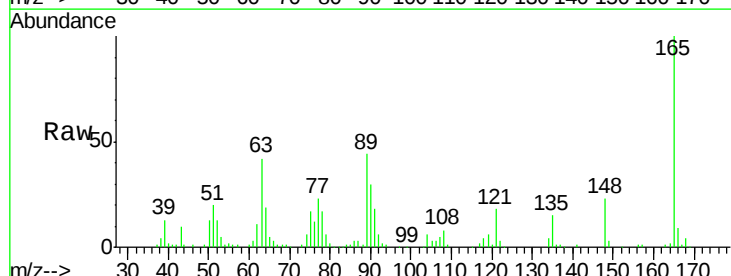


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

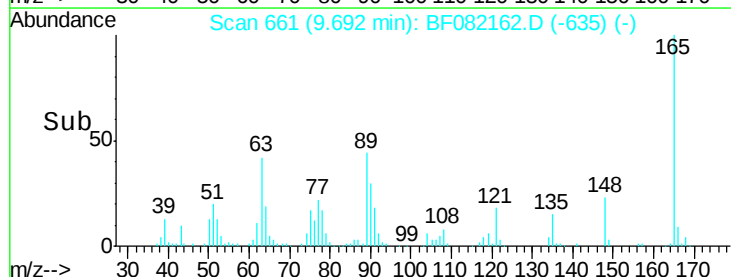
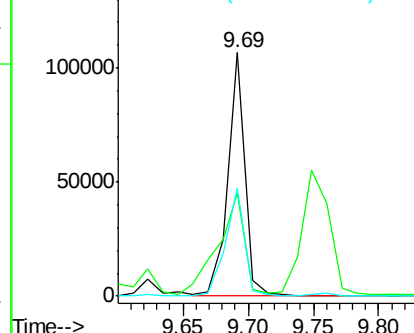


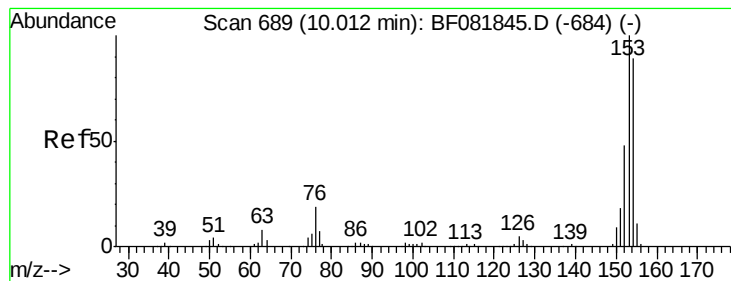
#50
2,6-Dinitrotoluene
Concen: 43.82 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:165 Resp: 98046
Ion Ratio Lower Upper
165 100
63 42.3 32.3 48.5
89 44.2 28.6 43.0#



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





#51

Acenaphthene

Concen: 42.23 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

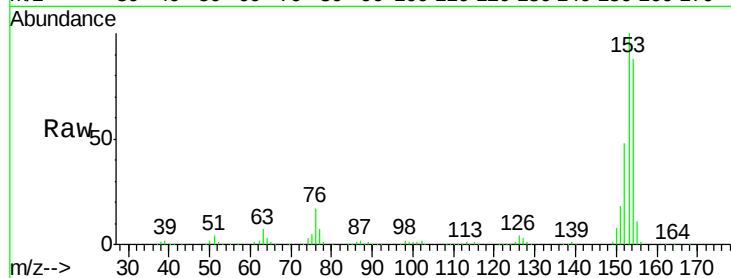
Tot Ion:154 Resp: 363043

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

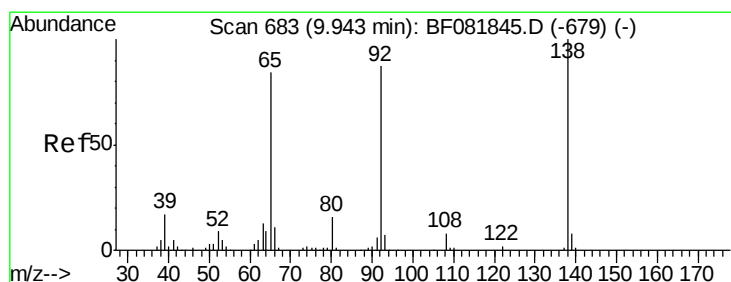
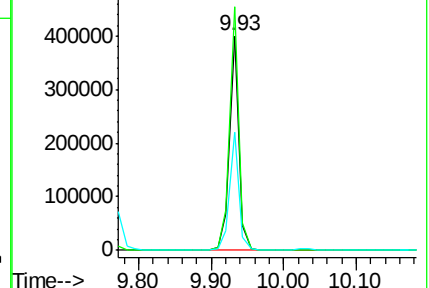
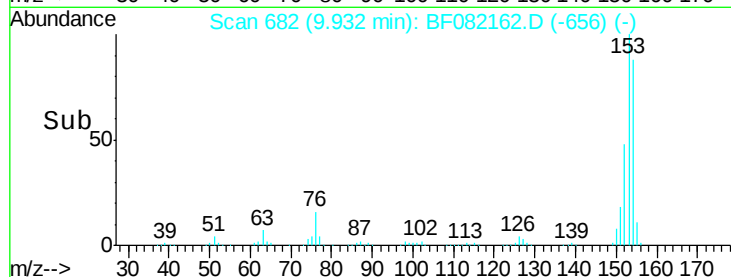
152 55.0 37.9 56.9



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: 39.01 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

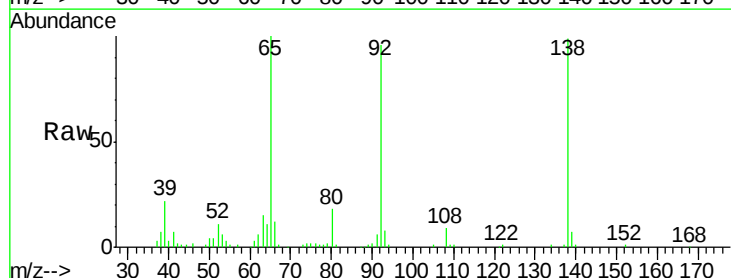
Tgt Ion:138 Resp: 100981

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

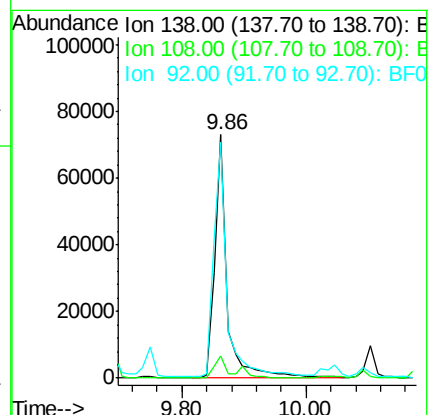
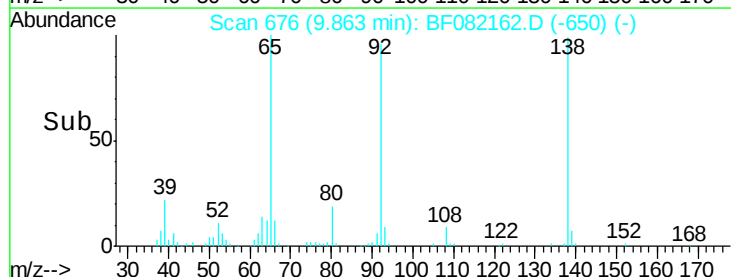
92 96.7 67.7 101.5

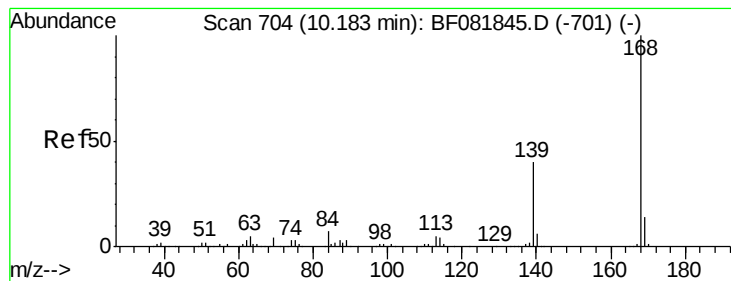


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 45.04 ng

RT: 10.10 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

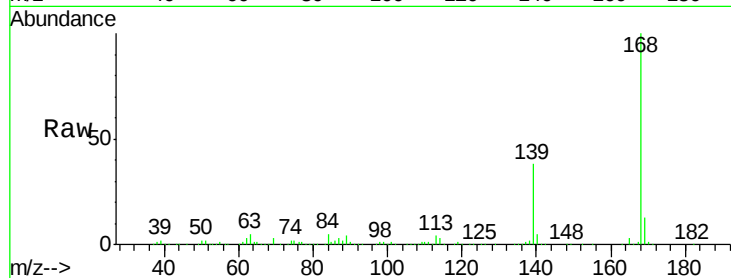
Tot Ion:168 Resp: 547159

Ion Ratio Lower Upper

168 100

139 38.3 24.2 36.2#

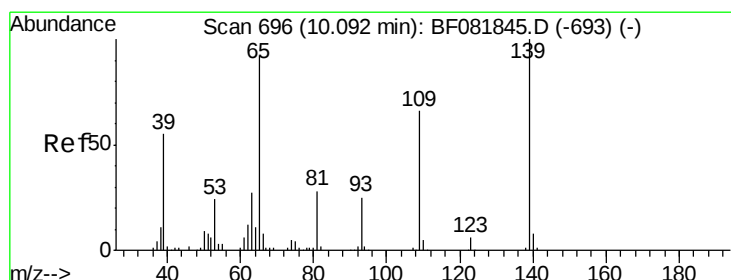
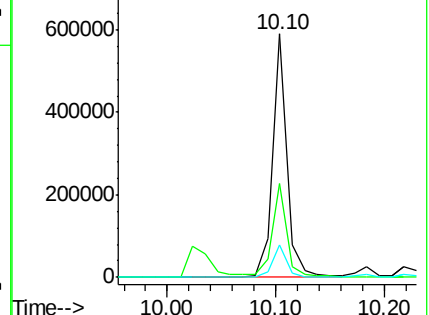
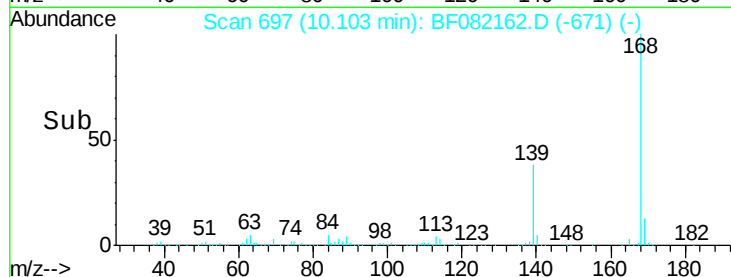
169 13.5 10.6 15.8



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: 60.19 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

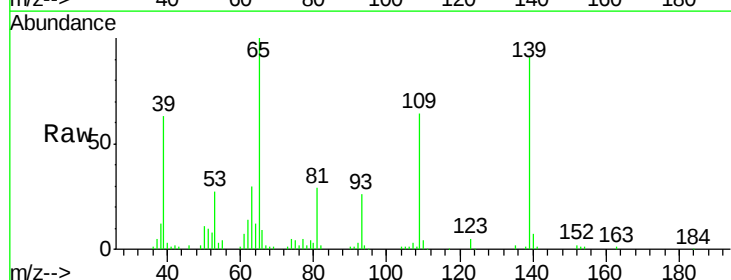
Tgt Ion:139 Resp: 112573

Ion Ratio Lower Upper

139 100

109 70.4 12.7 52.7#

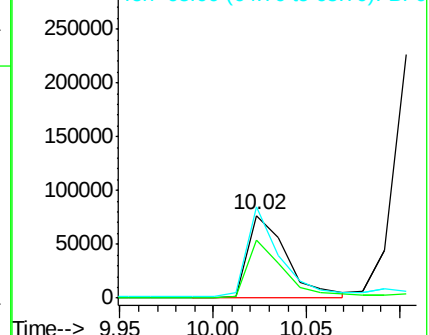
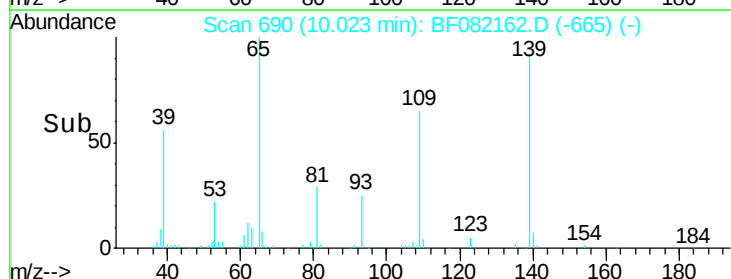
65 110.0 45.9 85.9#

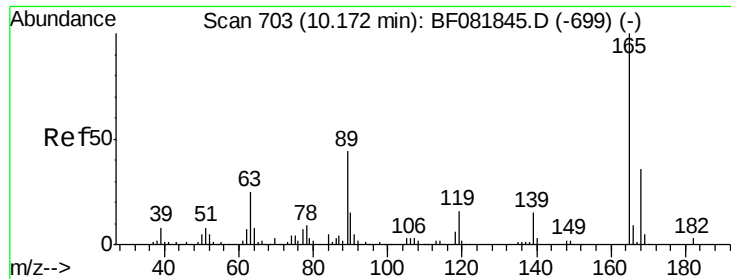


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.25 ng

RT: 10.09 min Scan# 696

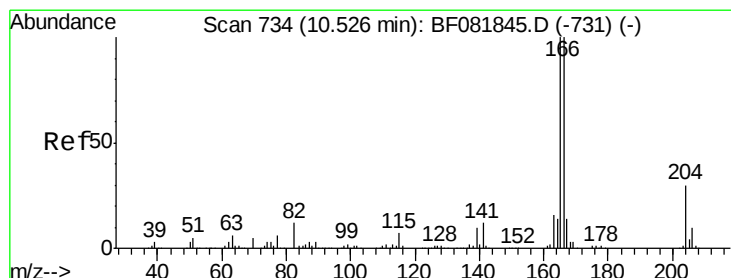
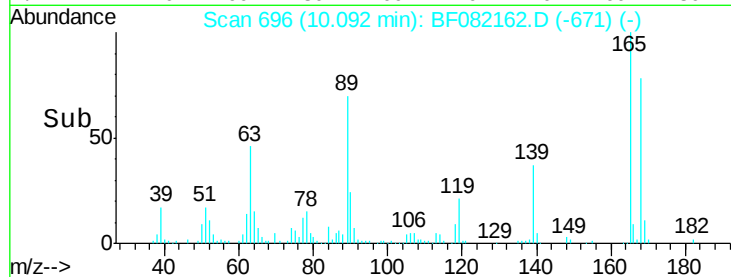
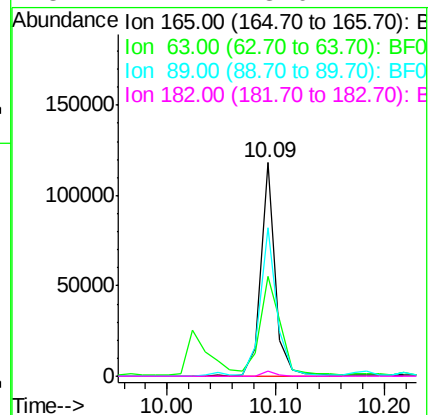
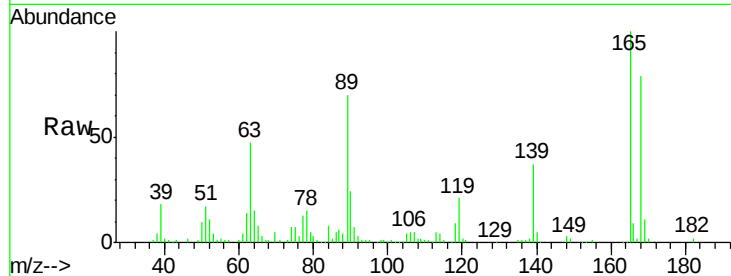
Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	111953
Ion Ratio	Lower	Upper
165	100	
63	46.9	29.8 44.6#
89	69.8	44.5 66.7#
182	2.2	3.0 4.4#



#57

Fluorene

Concen: 46.86 ng

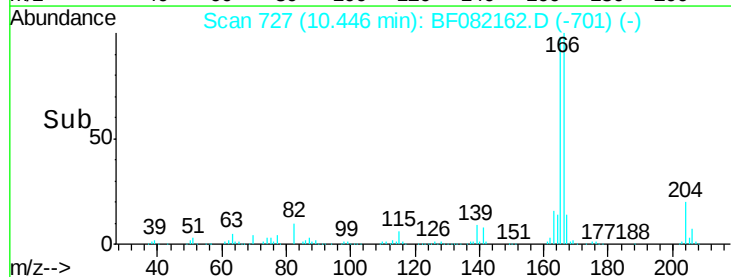
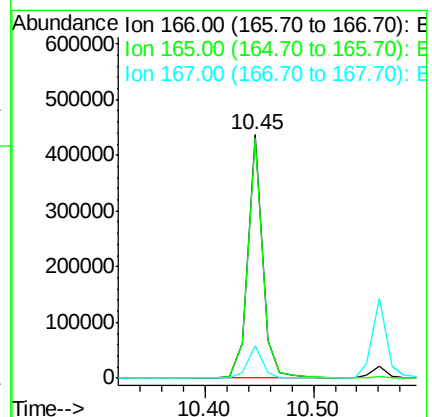
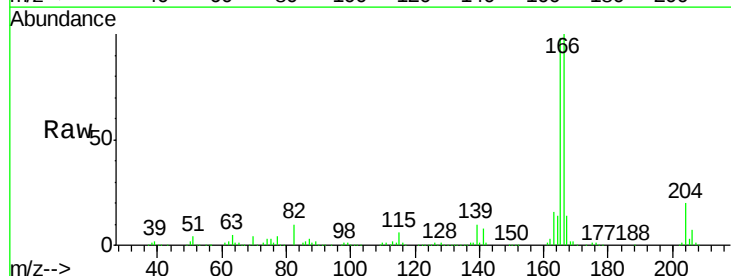
RT: 10.45 min Scan# 727

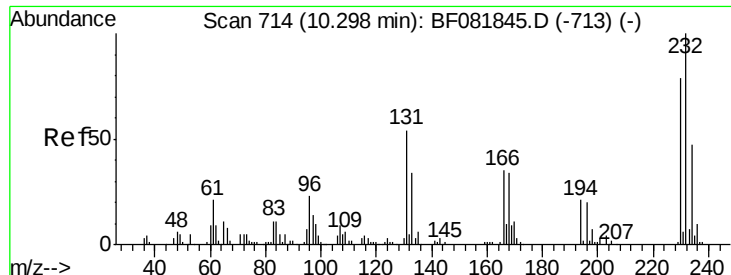
Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Tgt Ion:166	Resp:	406410
Ion Ratio	Lower	Upper
166	100	
165	98.4	72.6 109.0
167	13.5	10.6 16.0

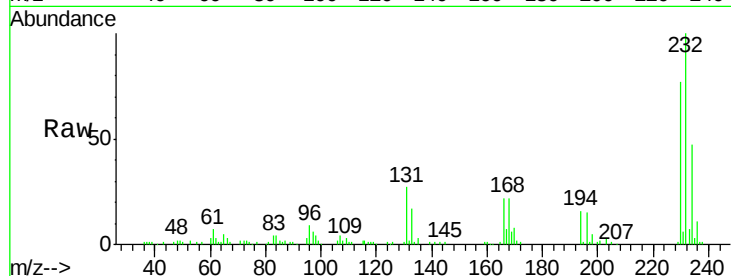




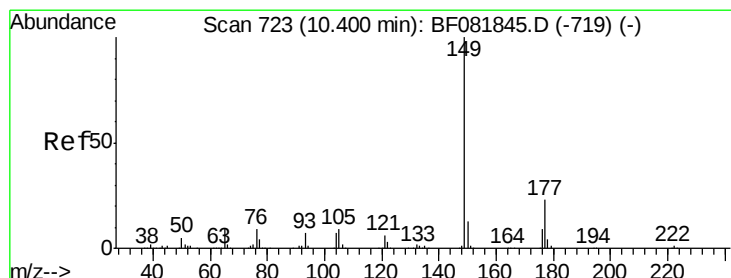
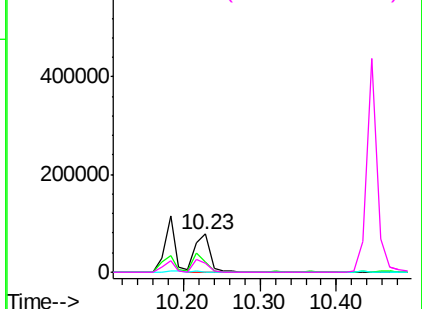
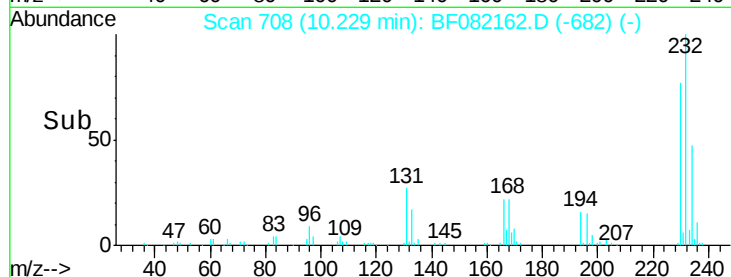
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.64 ng
 RT: 10.23 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 106746
 Ion Ratio Lower Upper
 232 100
 131 41.1 38.5 57.7
 130 0.0 1.8 2.6#
 166 29.5 25.0 37.6

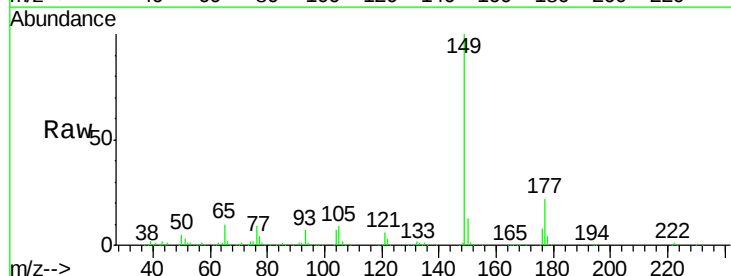


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

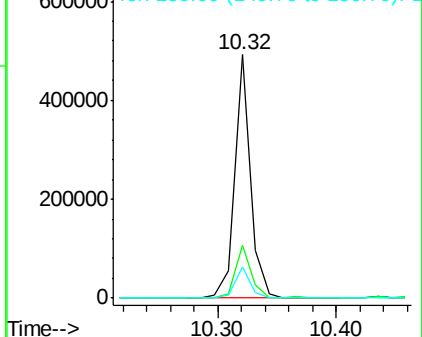
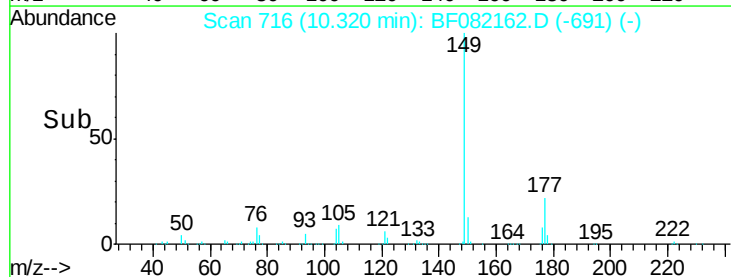


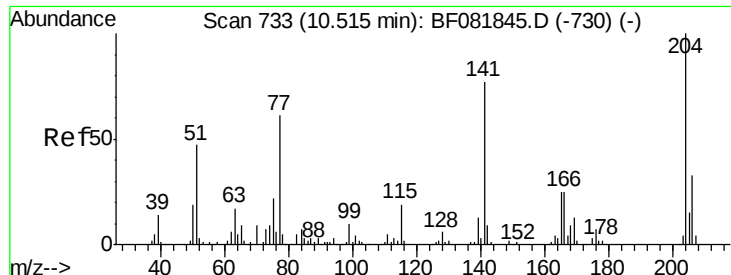
#59
 Diethylphthalate
 Concen: 47.05 ng
 RT: 10.32 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:149 Resp: 452922
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.5 26.3
 150 12.9 9.4 14.2



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

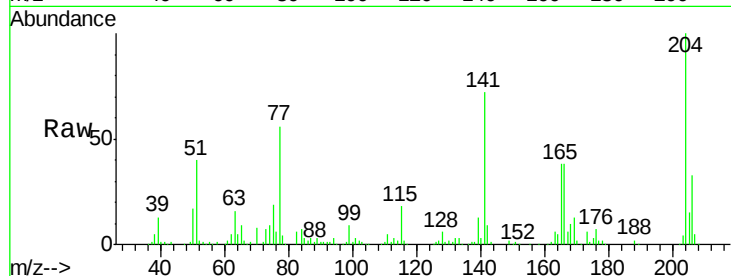




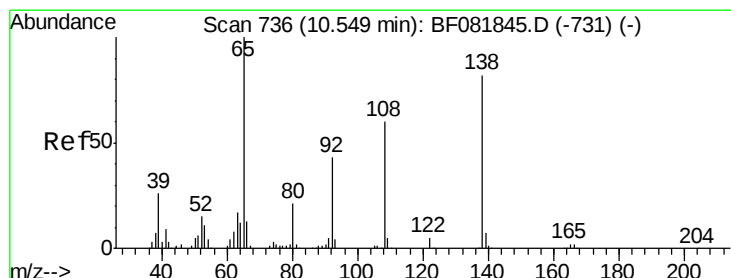
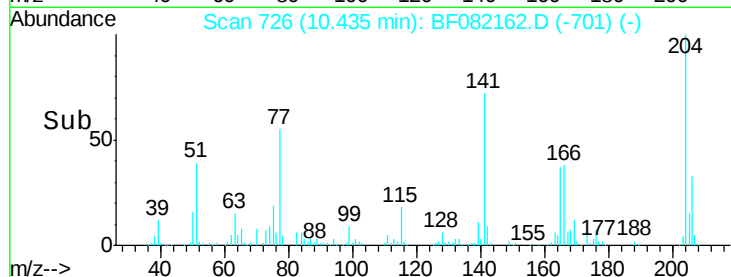
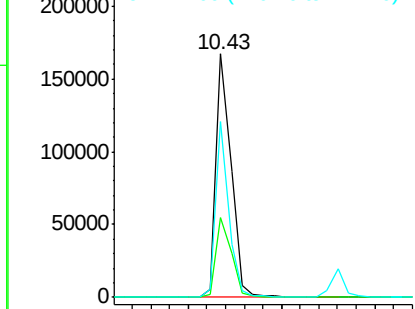
#60
4-Chlorophenyl-phenylether
Concen: 42.21 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 187714
Ion Ratio Lower Upper
204 100
206 32.9 24.8 37.2
141 72.4 42.2 63.4#

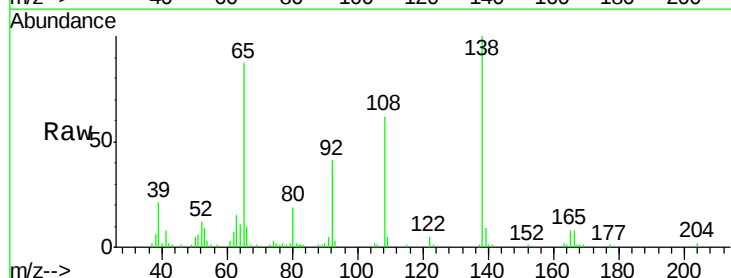


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

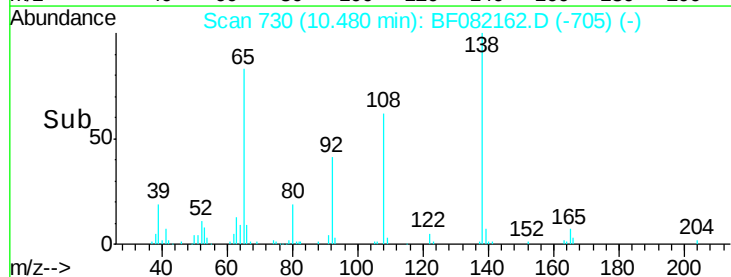
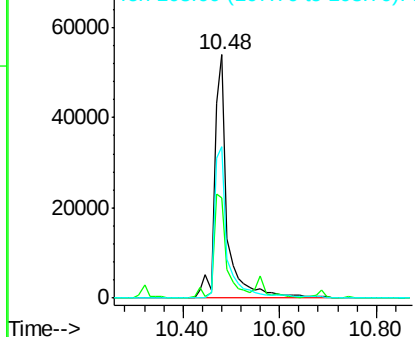


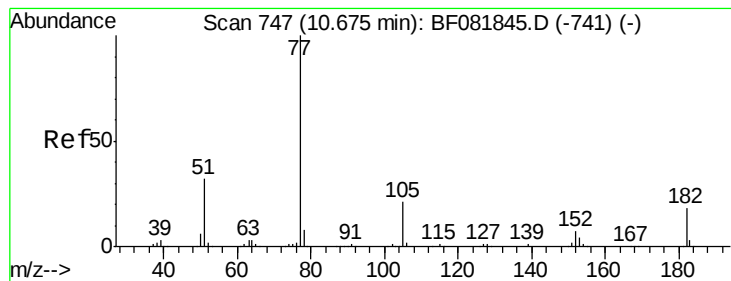
#61
4-Nitroaniline
Concen: 39.21 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:138 Resp: 101778
Ion Ratio Lower Upper
138 100
92 41.1 12.6 52.6
108 62.2 12.4 52.4#



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: 43.49 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 408597

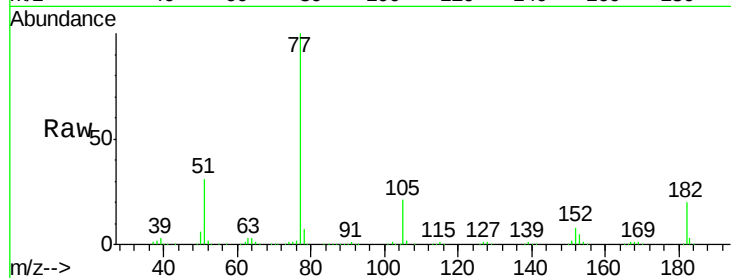
Ion Ratio Lower Upper

77 100

182 19.9 15.1 55.1

105 21.4 3.4 43.4

51 31.1 12.0 52.0

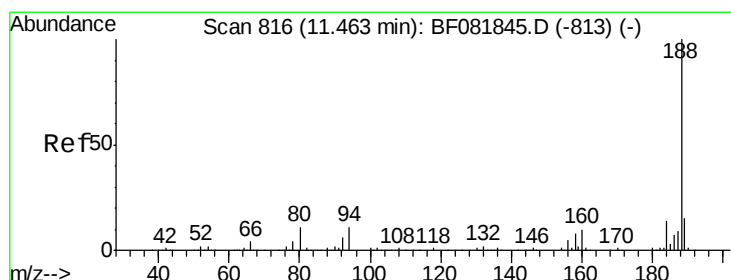
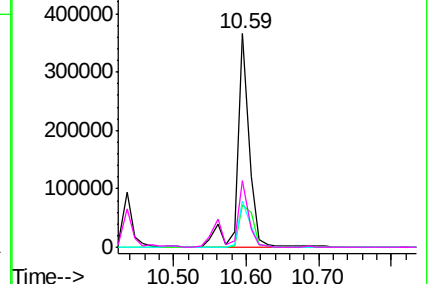
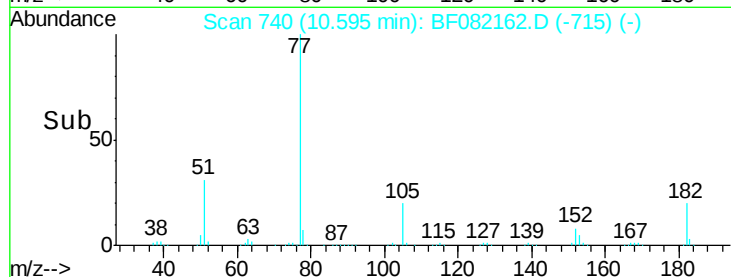


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

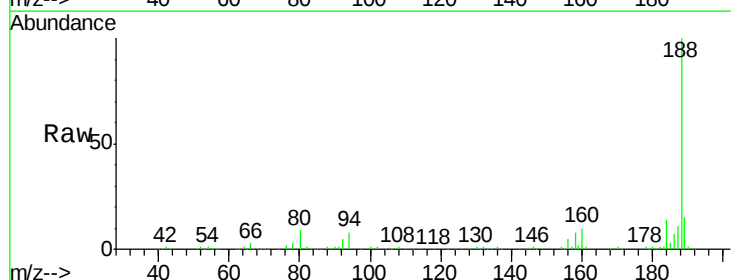
Tgt Ion: 188 Resp: 245124

Ion Ratio Lower Upper

188 100

94 8.0 11.1 16.7#

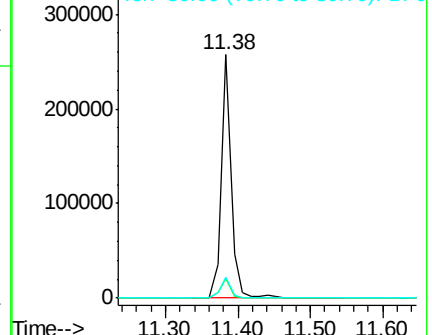
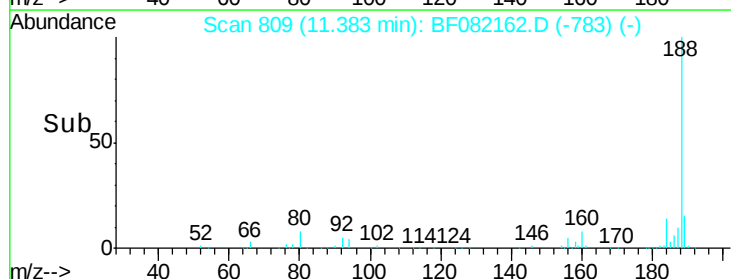
80 8.6 11.0 16.4#

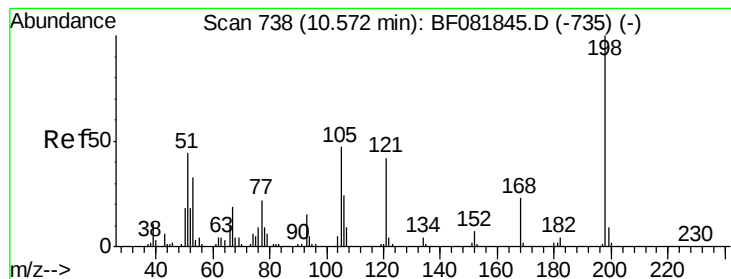


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.93 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

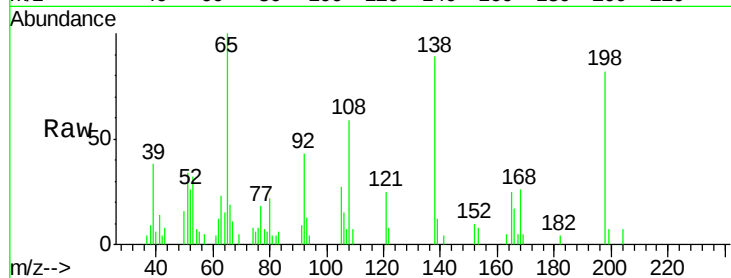
Tot Ion:198 Resp: 7327

Ion Ratio Lower Upper

198 100

51 40.8 39.6 79.6

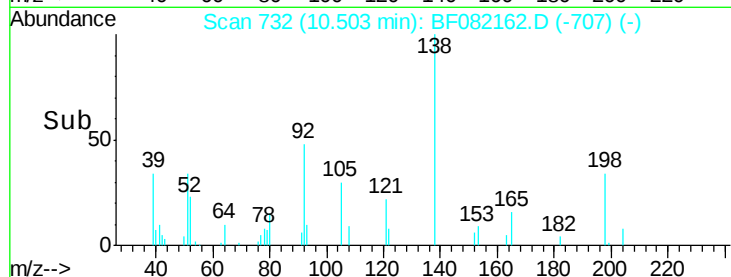
105 32.7 28.5 68.5



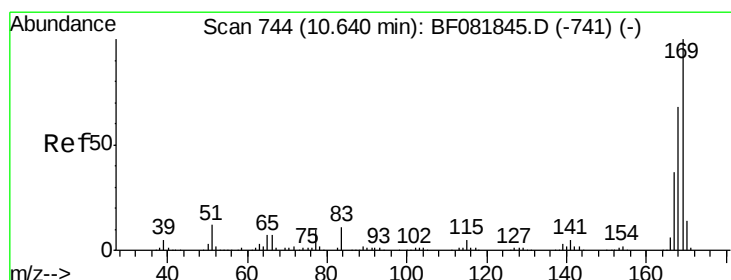
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 50.19 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

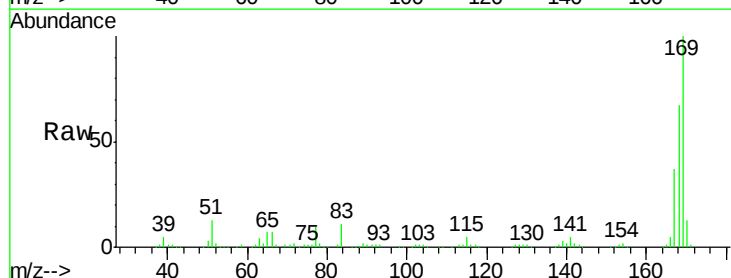
Tgt Ion:169 Resp: 372229

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

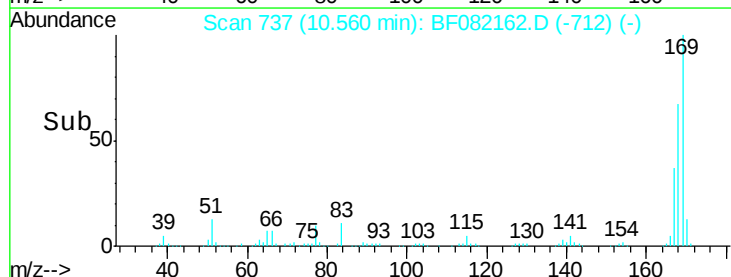
167 37.0 26.2 39.4



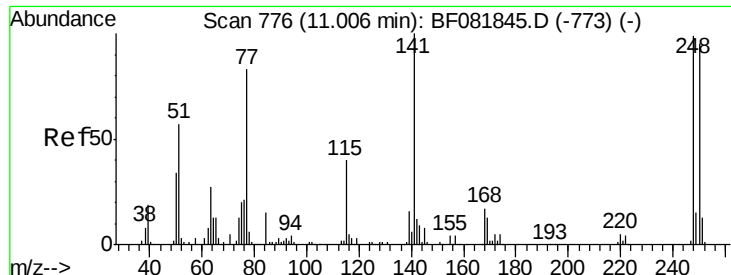
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



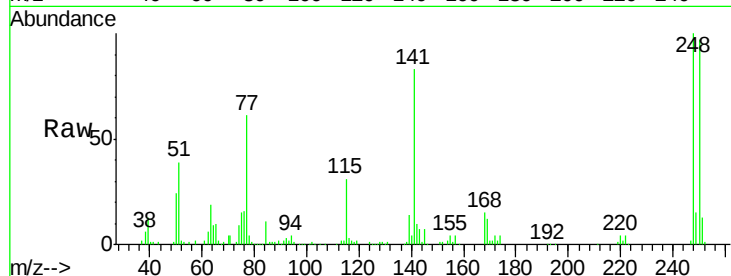
Time-->



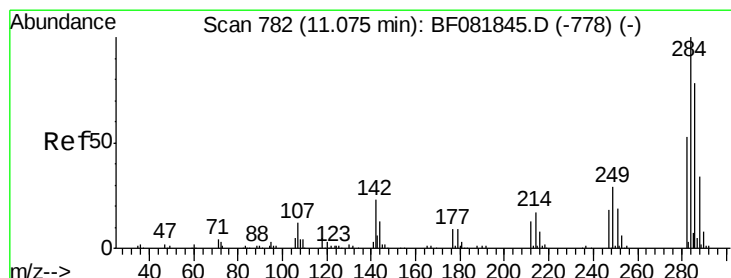
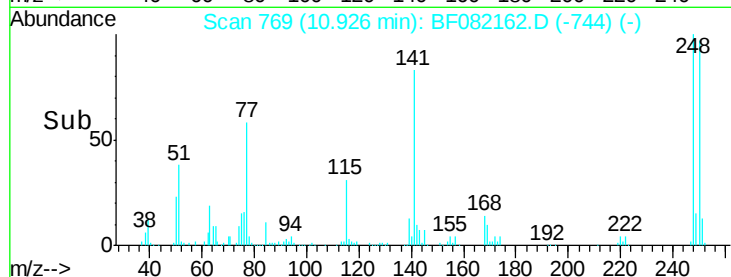
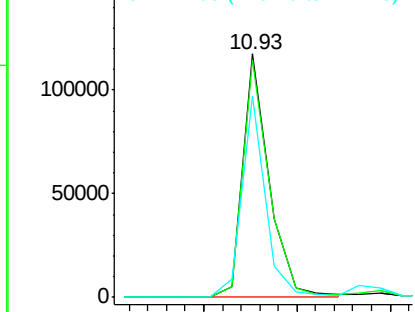
#66
4-Bromophenyl-phenylether
Concen: 46.57 ng
RT: 10.93 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 115105
Ion Ratio Lower Upper
248 100
250 97.3 78.5 117.7
141 82.9 59.0 88.6

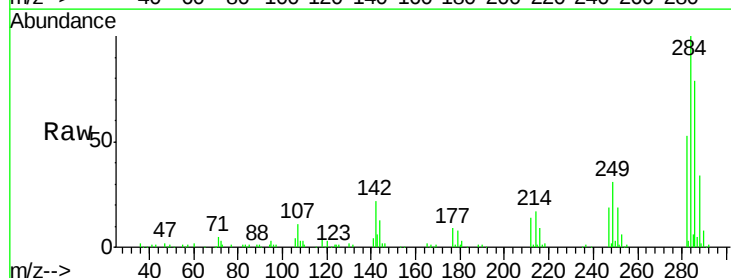


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

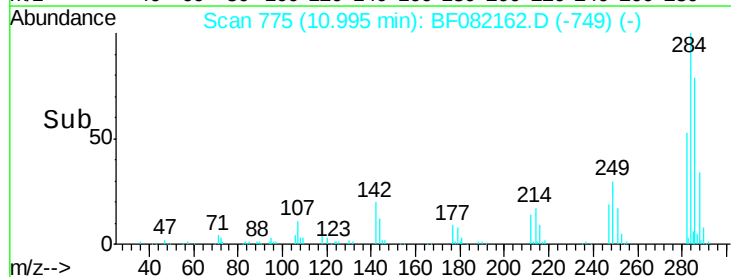
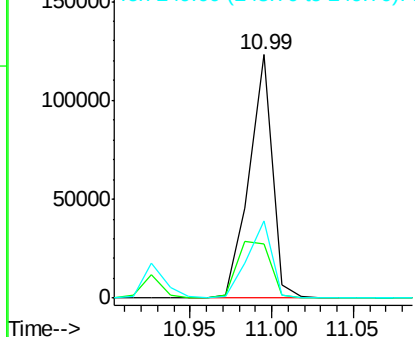


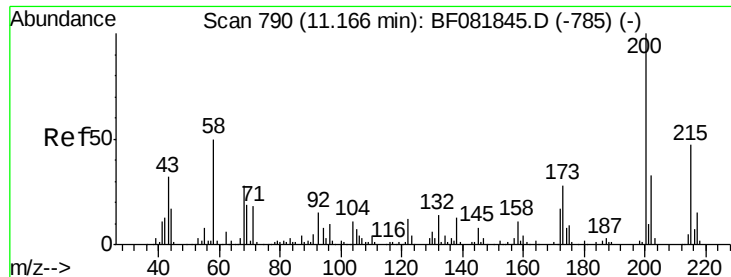
#67
Hexachlorobenzene
Concen: 43.62 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:284 Resp: 121669
Ion Ratio Lower Upper
284 100
142 22.0 29.5 44.3#
249 31.5 19.5 29.3#



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: 43.39 ng

RT: 11.09 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampled :

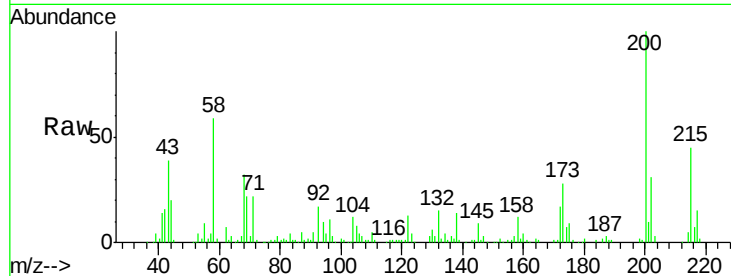
Tot Ion:200 Resp: 99844

Ion Ratio Lower Upper

200 100

173 27.9 13.2 53.2

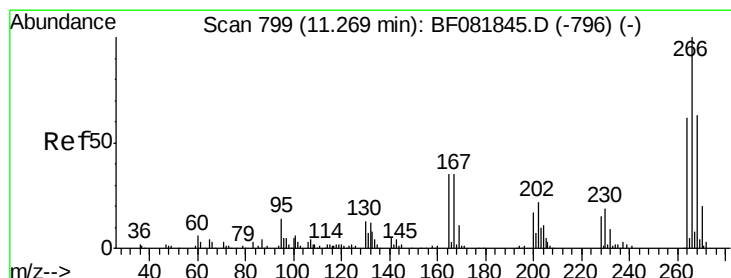
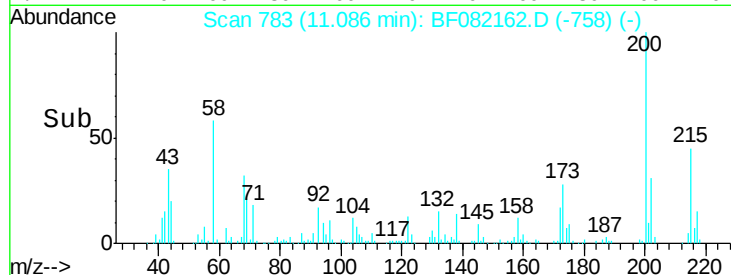
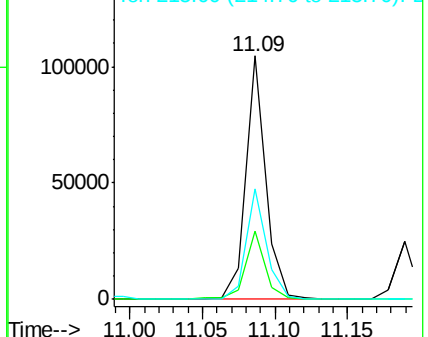
215 45.2 41.8 81.8



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: 75.14 ng

RT: 11.19 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

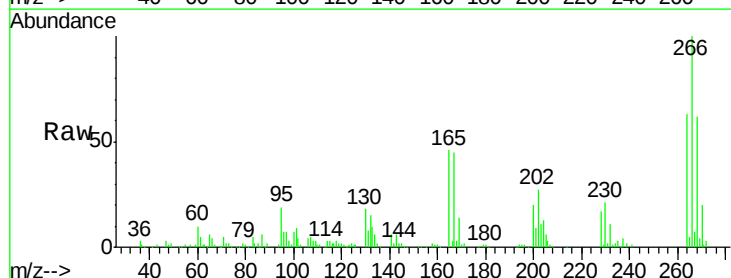
Tgt Ion:266 Resp: 119420

Ion Ratio Lower Upper

266 100

268 61.8 49.8 74.6

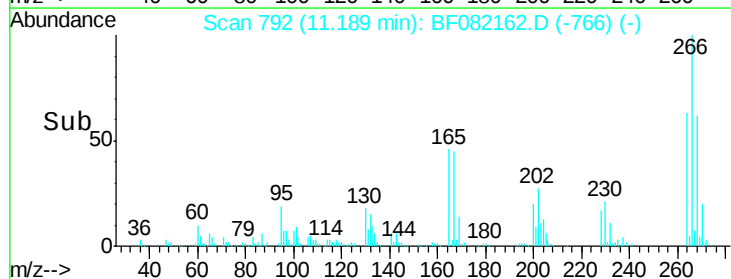
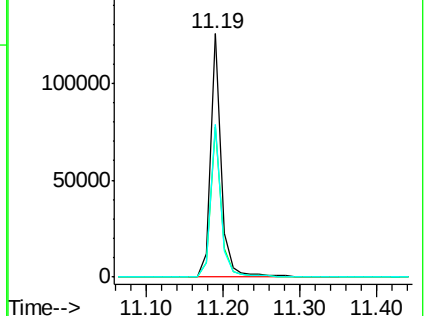
264 63.0 50.2 75.2

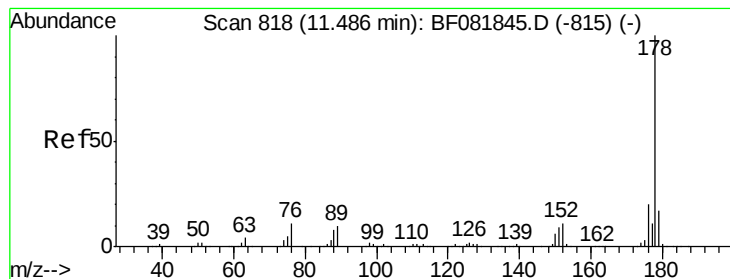


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 45.30 ng

RT: 11.41 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

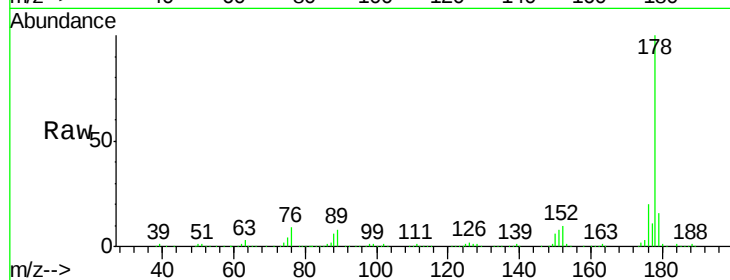
Tot Ion:178 Resp: 534252

Ion Ratio Lower Upper

178 100

176 19.6 13.8 20.8

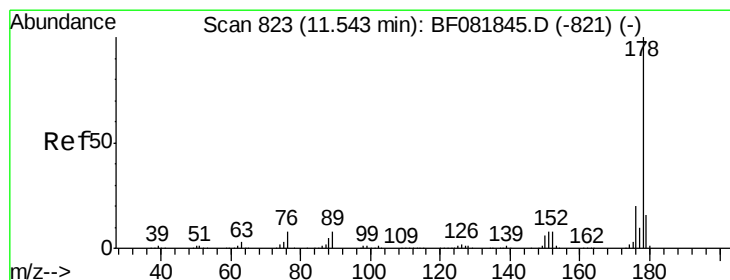
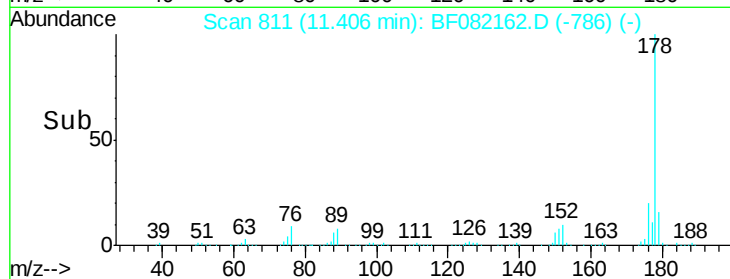
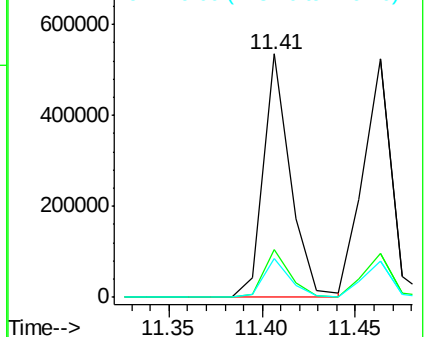
179 15.9 12.2 18.2



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: 45.89 ng

RT: 11.46 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

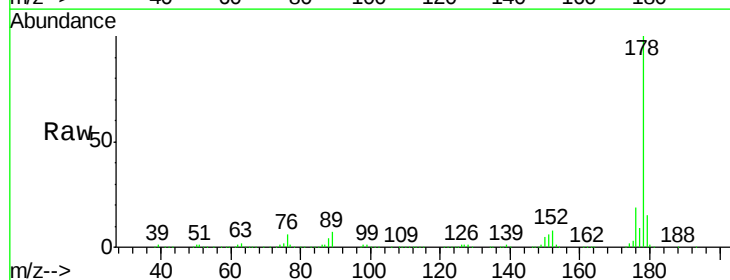
Tgt Ion:178 Resp: 571685

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

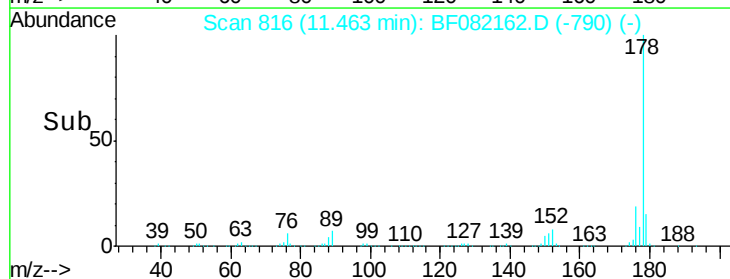
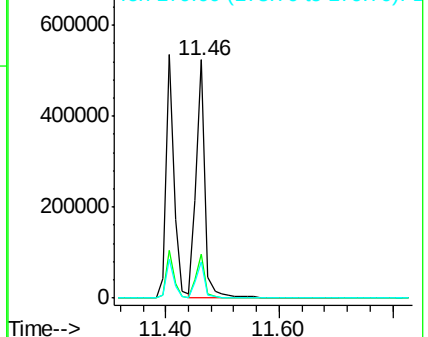
179 15.2 12.2 18.2

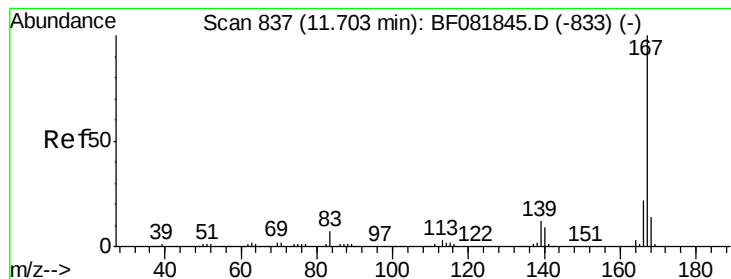


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.48 ng

RT: 11.62 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

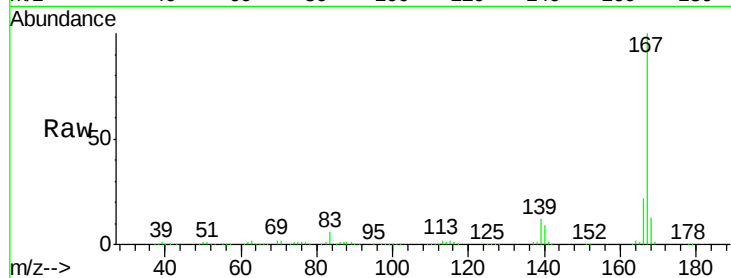
Tot Ion:167 Resp: 490320

Ion Ratio Lower Upper

167 100

166 21.8 15.7 23.5

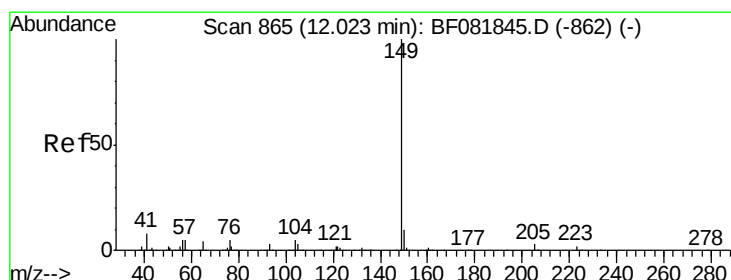
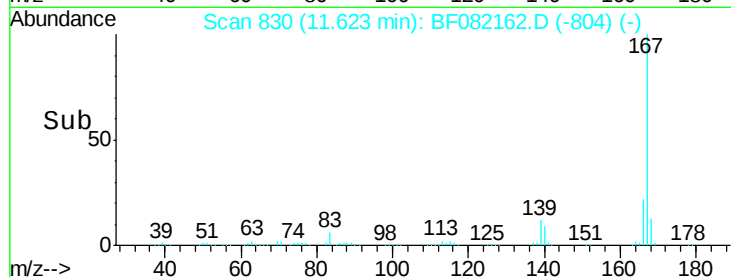
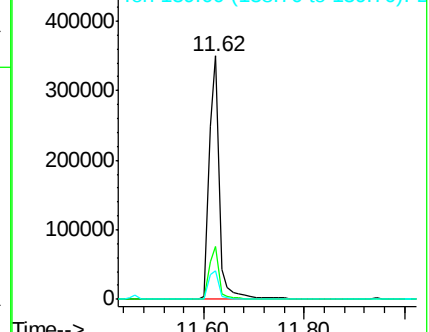
139 11.6 9.5 14.3



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: 56.62 ng

RT: 11.94 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

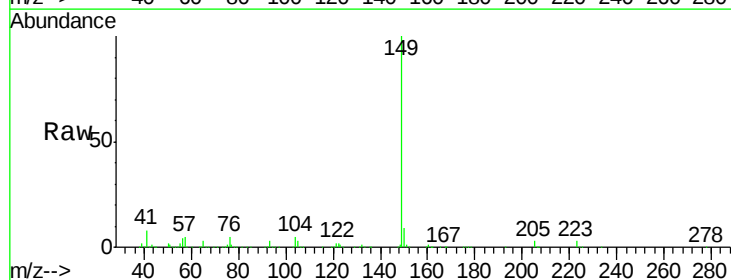
Tgt Ion:149 Resp: 646325

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

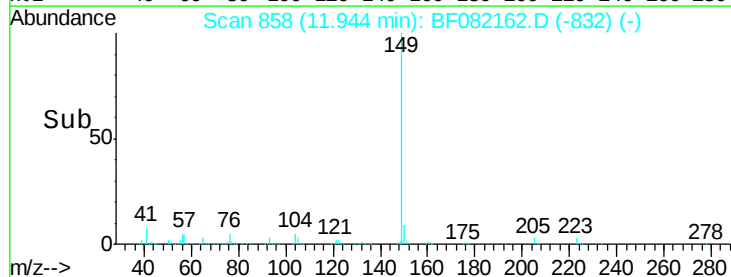
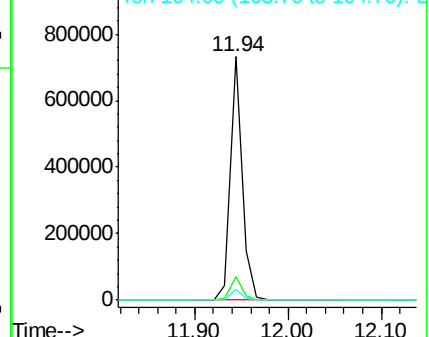
104 4.6 2.4 3.6#

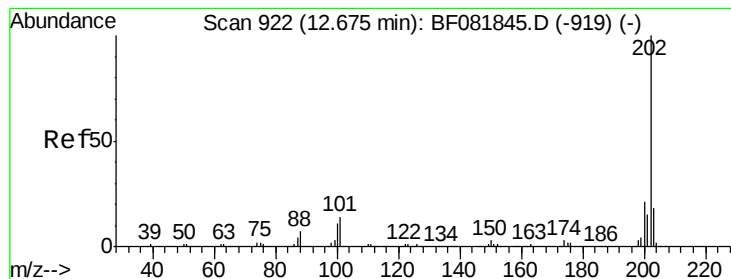


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.48 ng

RT: 12.60 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

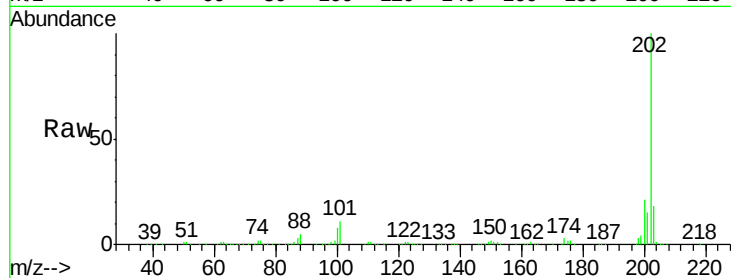
Tot Ion:202 Resp: 531577

Ion Ratio Lower Upper

202 100

101 10.5 0.0 38.3

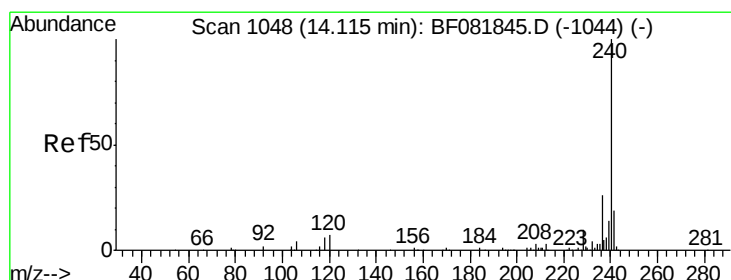
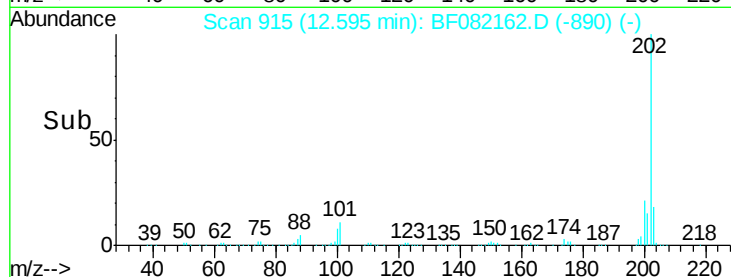
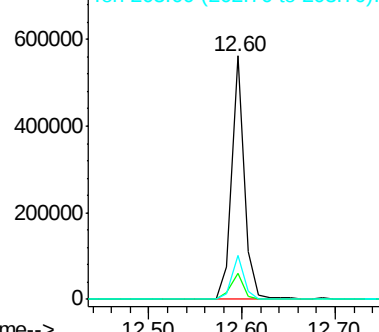
203 18.1 0.0 37.3



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: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

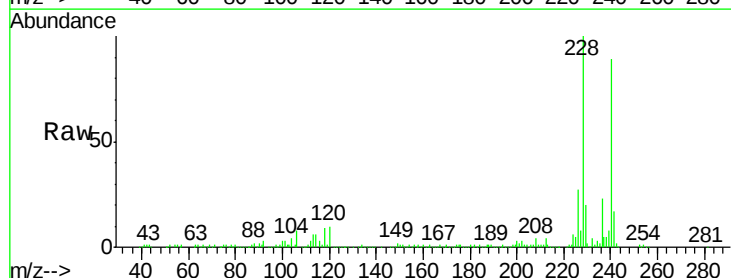
Tgt Ion:240 Resp: 188819

Ion Ratio Lower Upper

240 100

120 11.7 16.2 24.2#

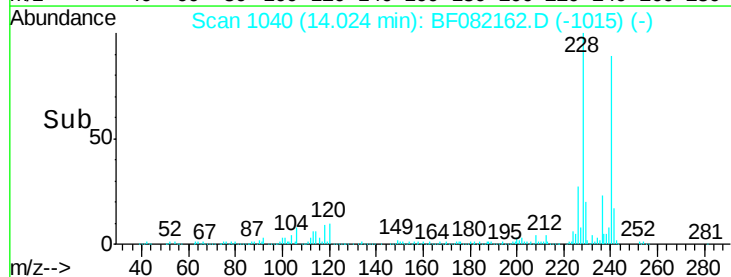
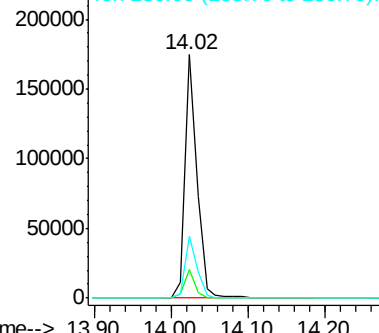
236 25.5 18.4 27.6

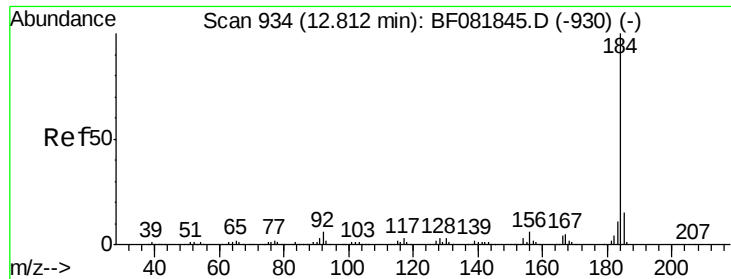


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 56.99 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

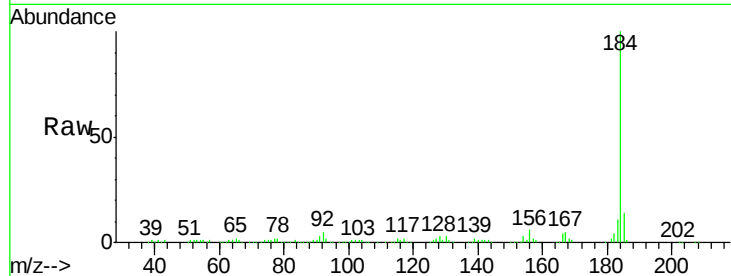
Tot Ion:184 Resp: 324214

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

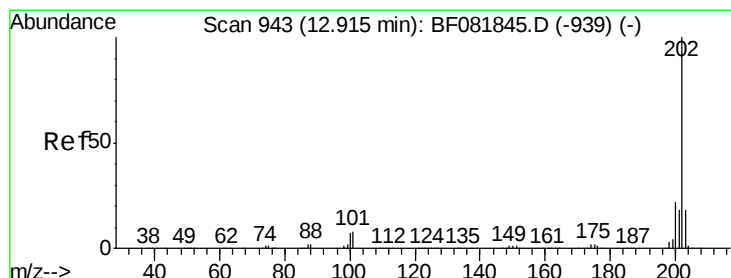
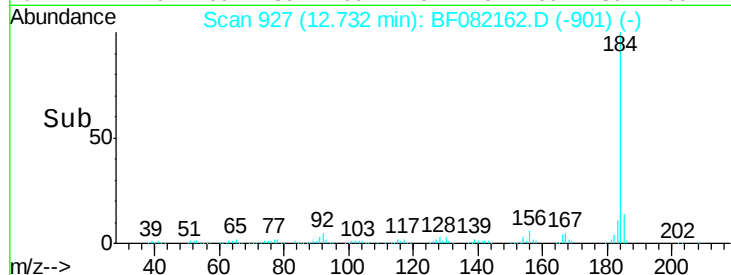
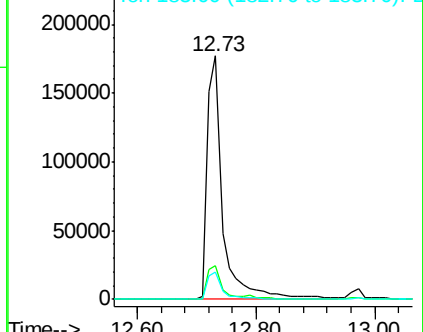
183 11.2 7.6 11.4



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

Pyrene

Concen: 46.80 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

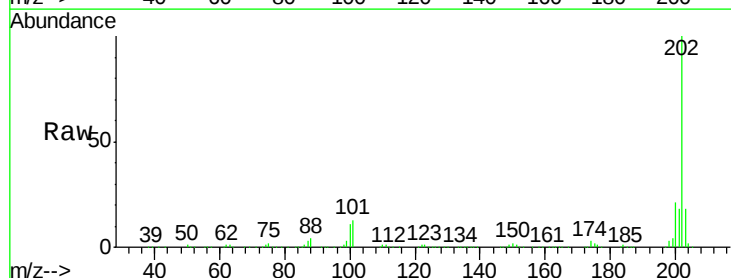
Tgt Ion:202 Resp: 527905

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

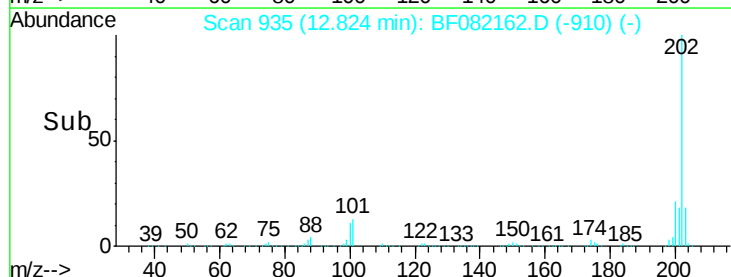
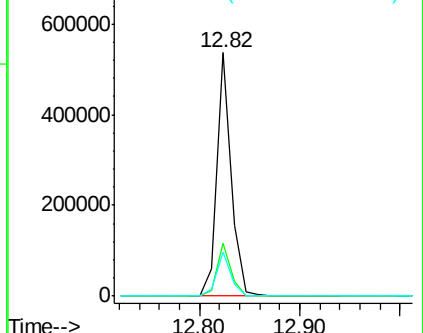
203 17.9 14.1 21.1

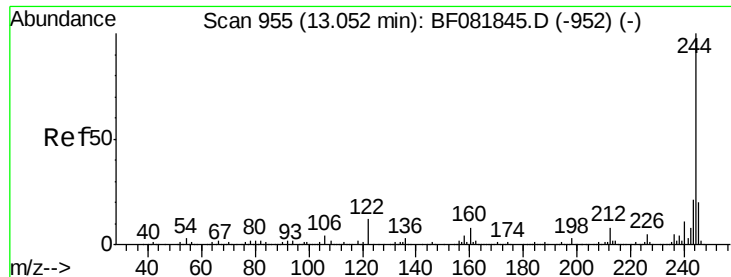


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

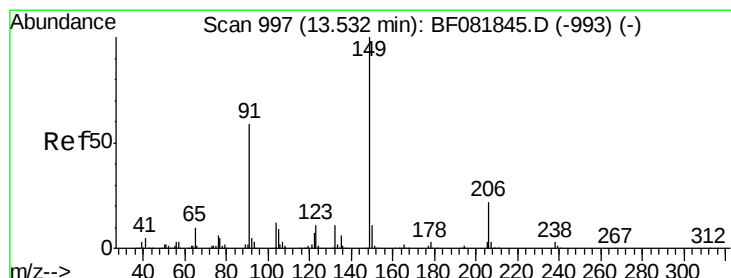
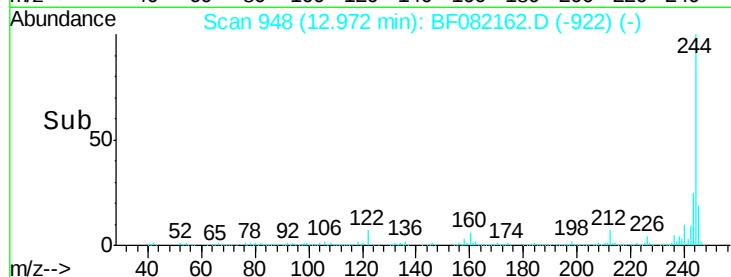
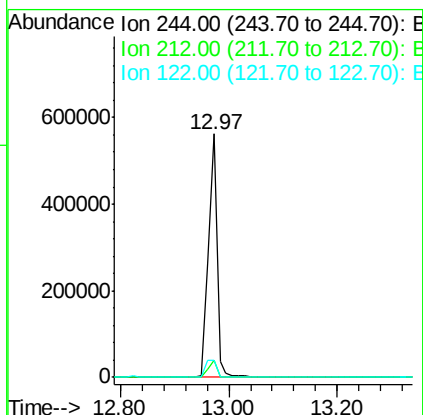
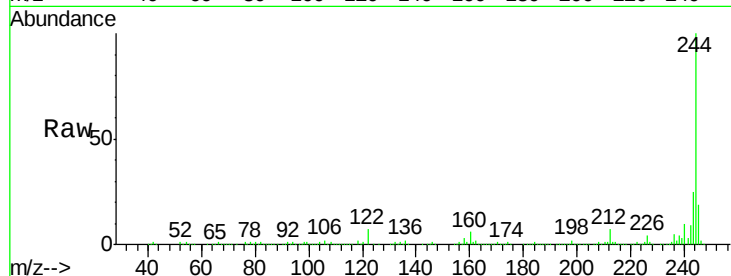




#78
 Terphenyl-d14
 Concen: 118.28 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

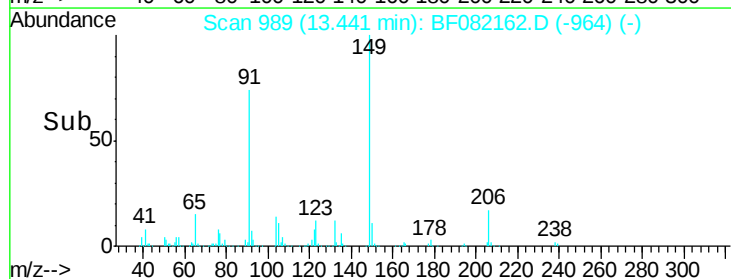
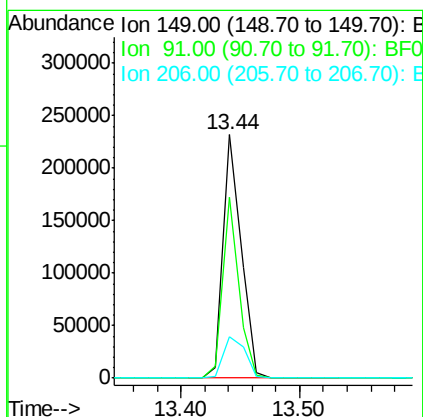
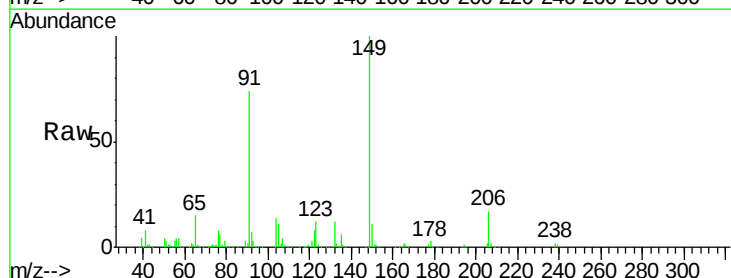
Instrument :
 BNA_F
 ClientSampleId :

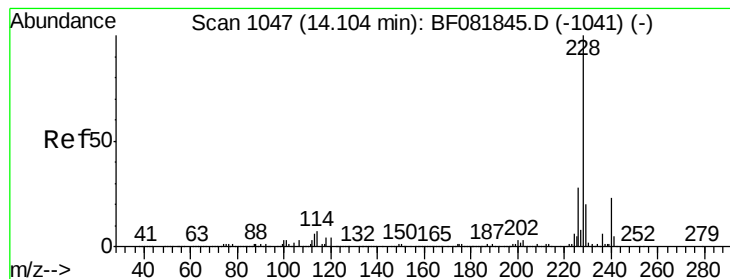
Tot Ion:244 Resp: 618675
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 7.3 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 57.70 ng
 RT: 13.44 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:149 Resp: 244910
 Ion Ratio Lower Upper
 149 100
 91 74.3 48.6 72.8#
 206 16.8 14.9 22.3





#80

Benzo(a)anthracene

Concen: 43.15 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

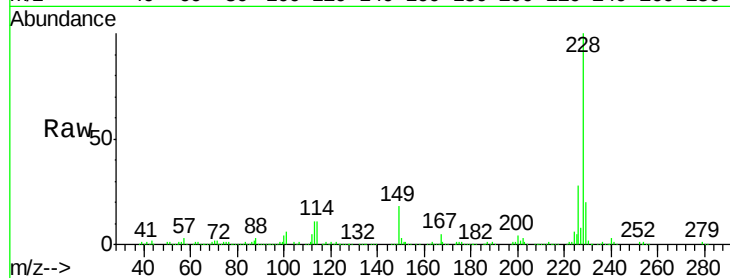
Tot Ion:228 Resp: 438706

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

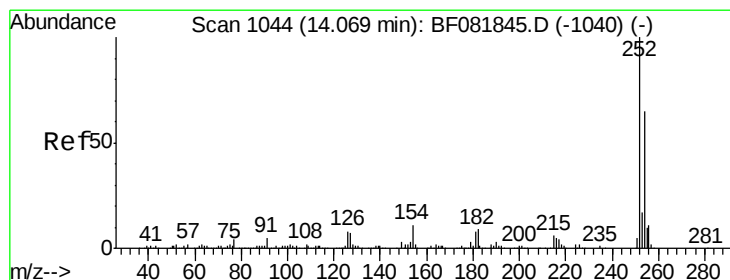
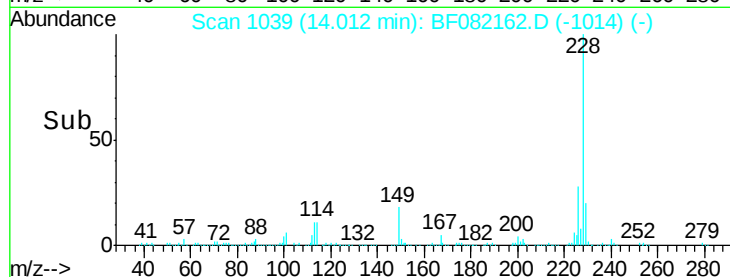
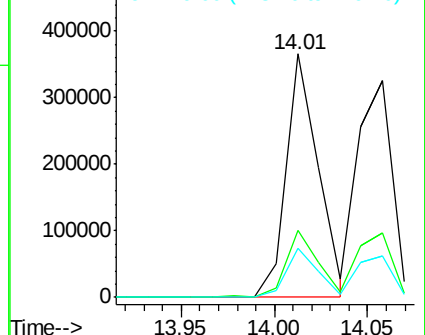
229 19.9 15.4 23.2



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: 46.26 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

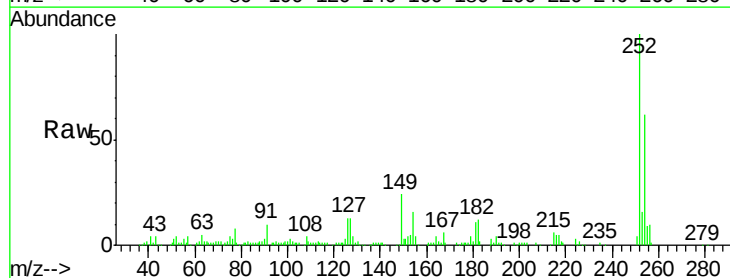
Tgt Ion:252 Resp: 158856

Ion Ratio Lower Upper

252 100

254 62.0 51.4 77.2

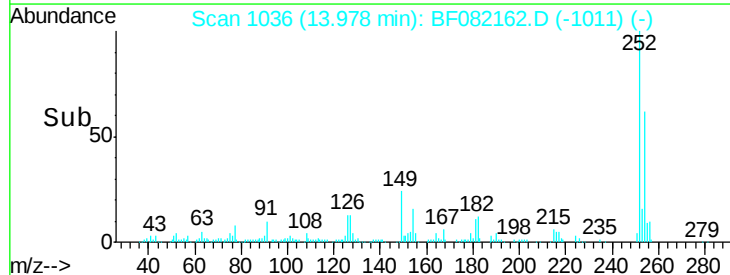
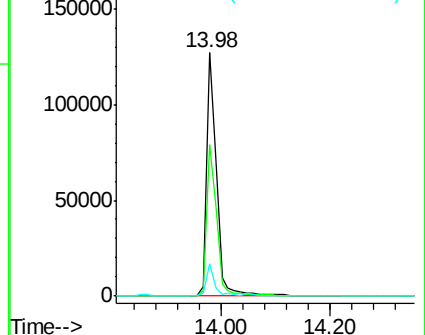
126 13.4 16.4 24.6

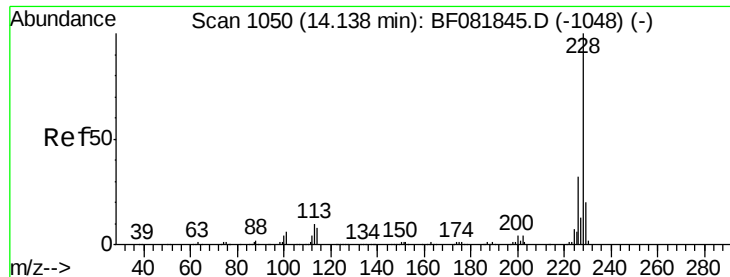


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

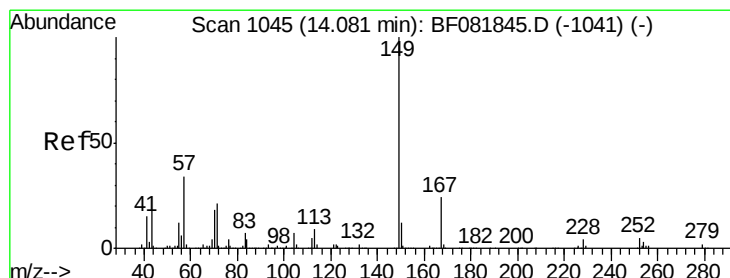
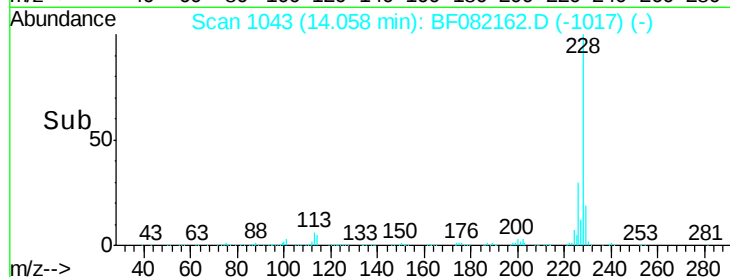
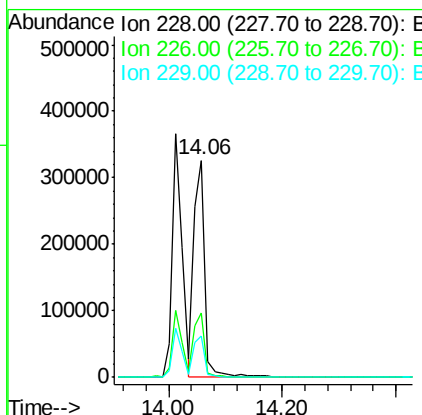
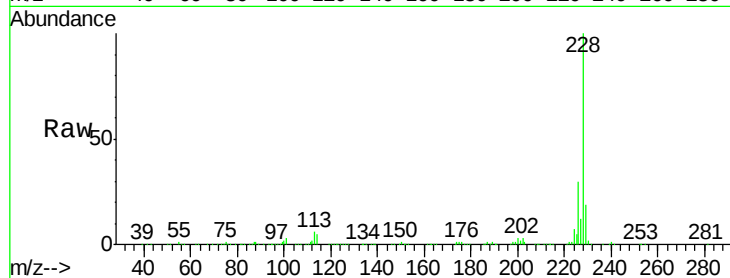




#82
 Chrysene
 Concen: 61.99 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

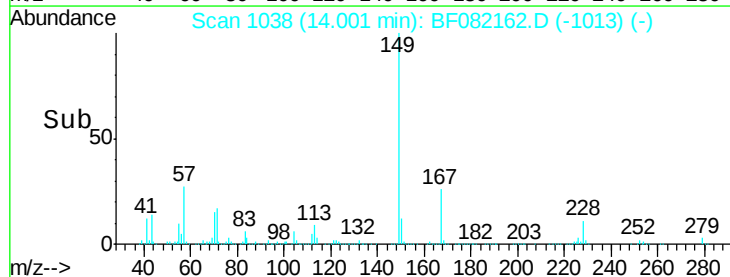
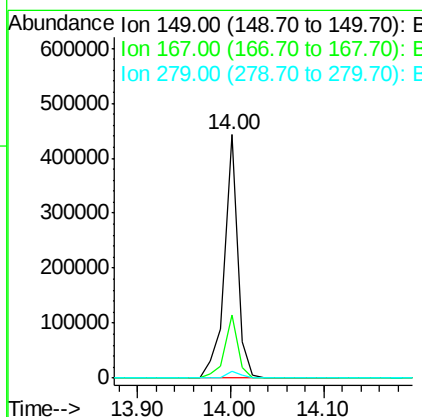
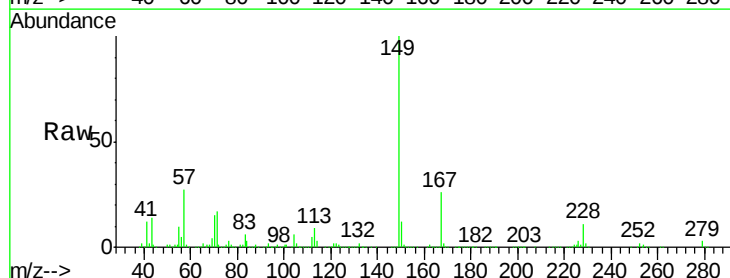
Instrument :
 BNA_F
 ClientSampleId :

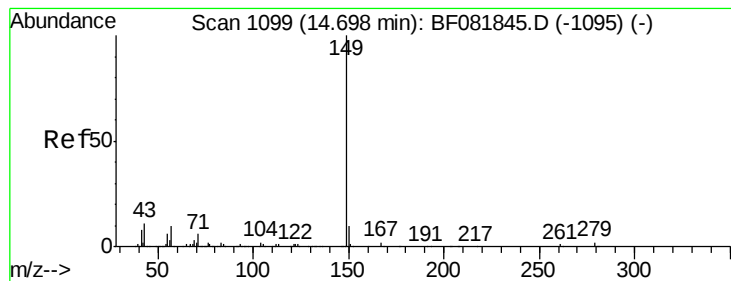
Tot Ion:228 Resp: 442025
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.0 31.4
 229 19.3 15.6 23.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 82.61 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082162.D
 Acq: 9 Oct 2015 23:47

Tgt Ion:149 Resp: 439851
 Ion Ratio Lower Upper
 149 100
 167 26.2 24.2 36.2
 279 2.7 3.8 5.6#





#84

Di-n-octyl phthalate

Concen: 69.00 ng

RT: 14.62 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

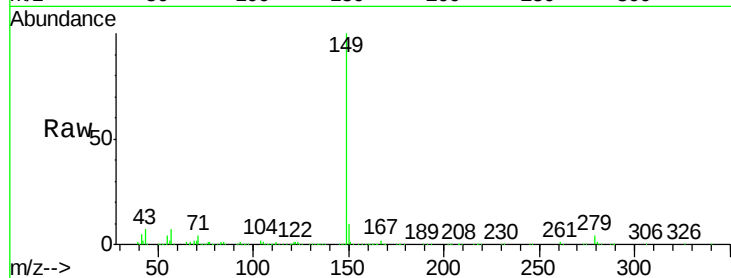
Tot Ion:149 Resp: 597837

Ion Ratio Lower Upper

149 100

167 1.8 1.0 1.6#

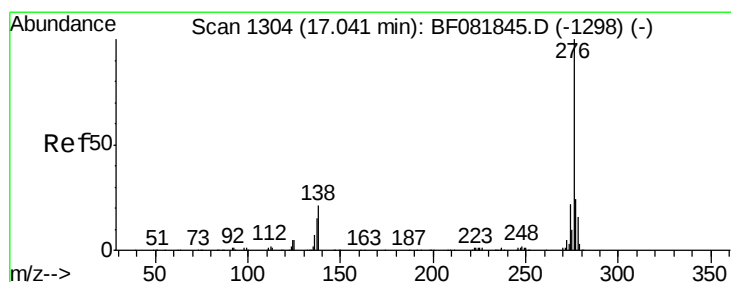
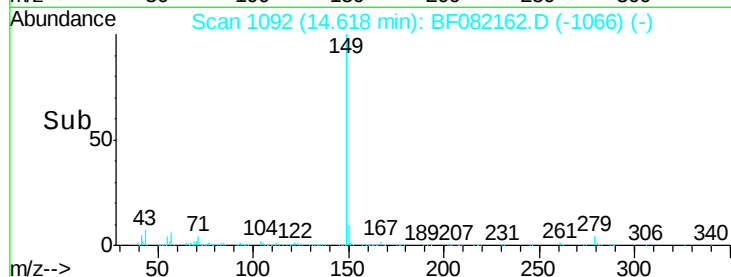
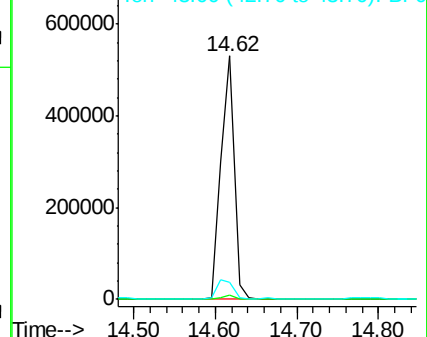
43 9.4 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.74 ng

RT: 16.88 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

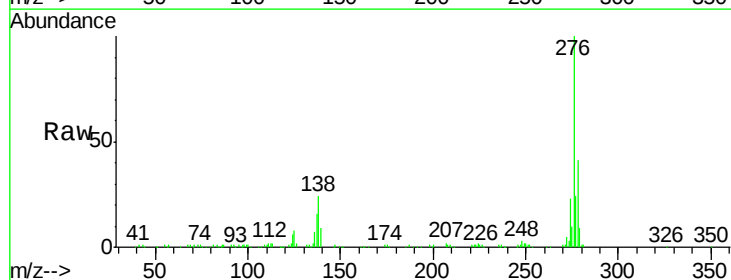
Tgt Ion:276 Resp: 308106

Ion Ratio Lower Upper

276 100

138 24.6 25.7 38.5#

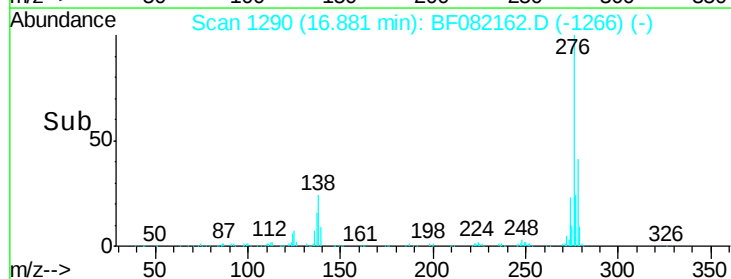
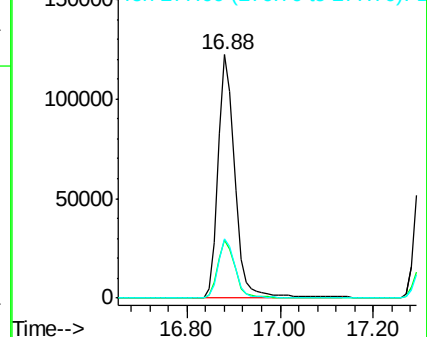
277 24.7 15.6 23.4#

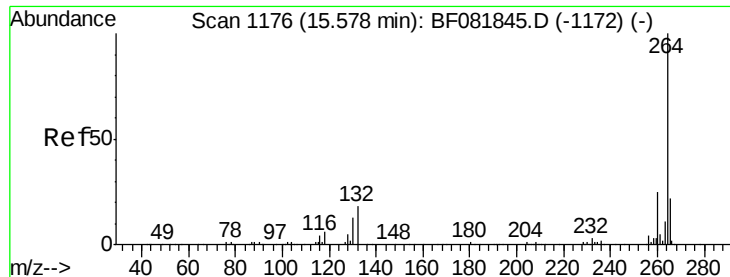


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

Instrument :

BNA_F

ClientSampleId :

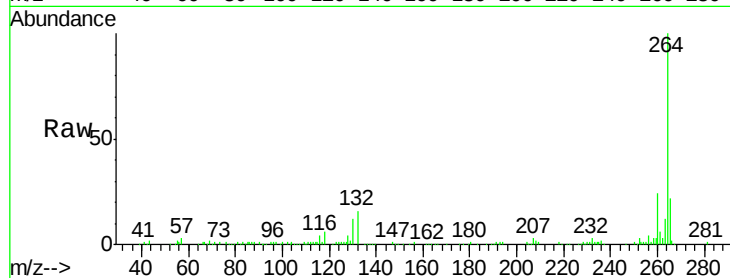
Tot Ion:264 Resp: 133326

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

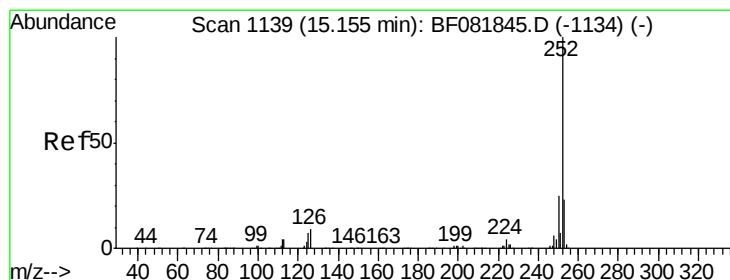
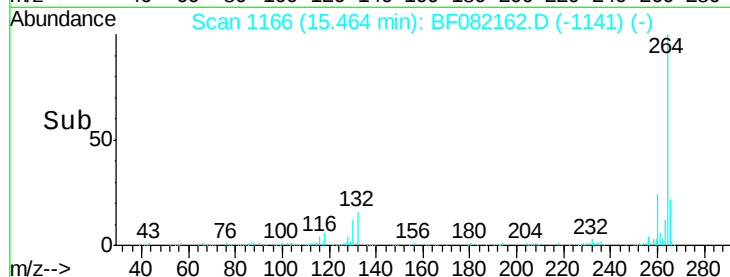
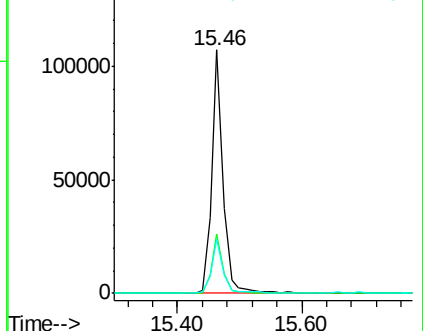
265 22.0 17.2 25.8



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: 93.82 ng

RT: 15.05 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF082162.D

Acq: 9 Oct 2015 23:47

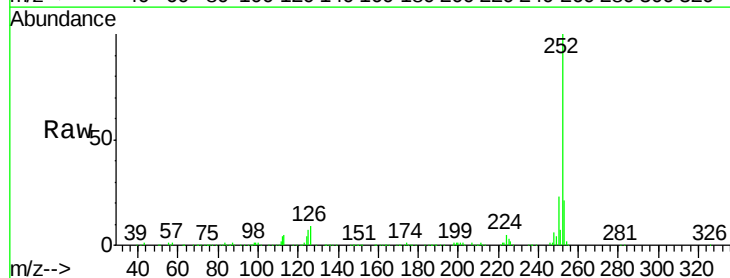
Tgt Ion:252 Resp: 714163

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

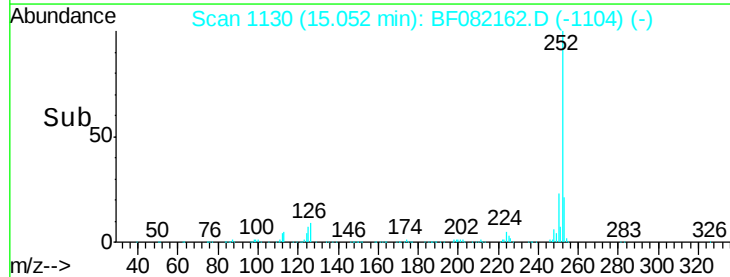
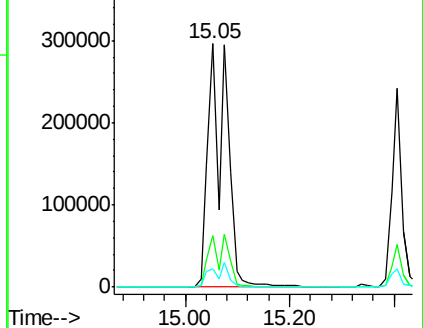
125 7.3 17.1 25.7#

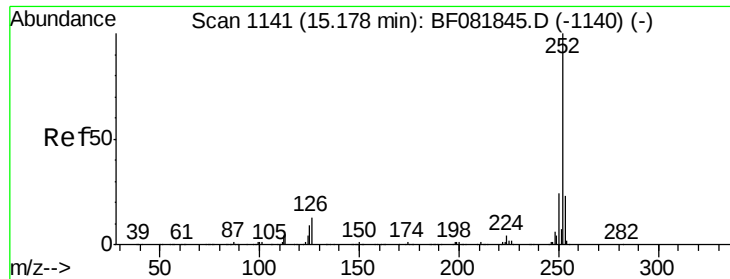


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

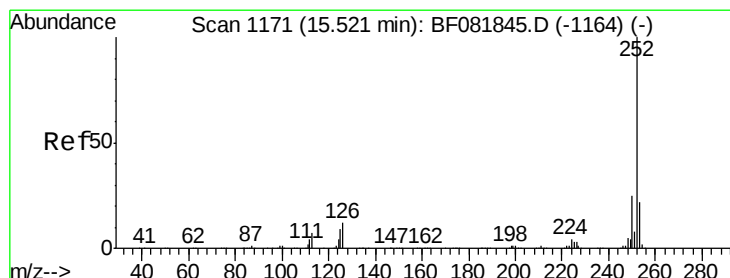
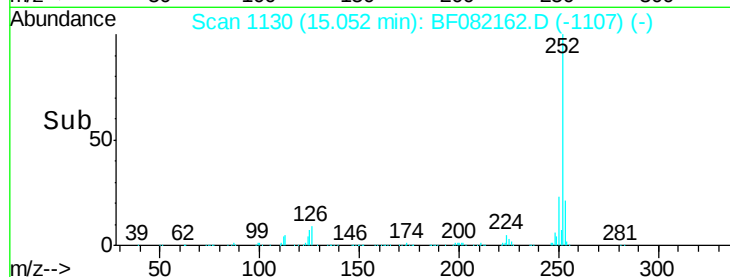
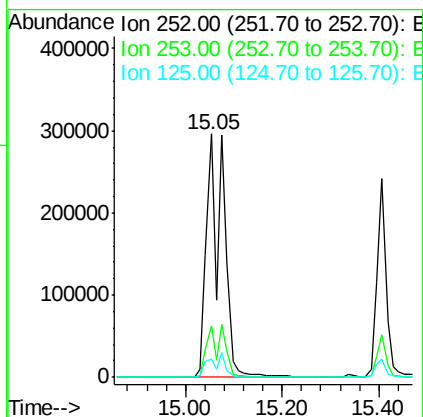
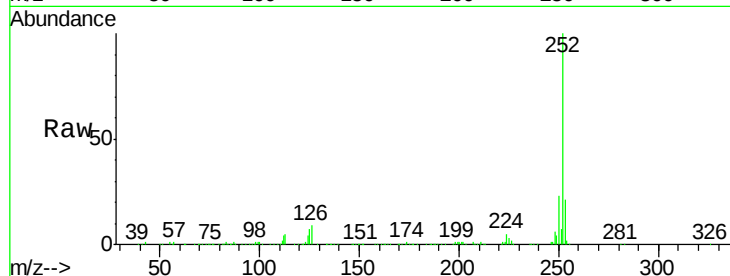




#88
Benzo(k)fluoranthene
Concen: 102.51 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

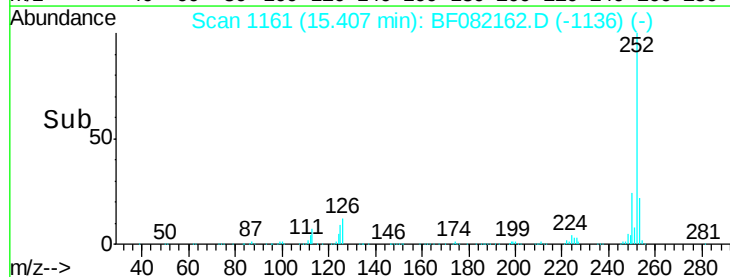
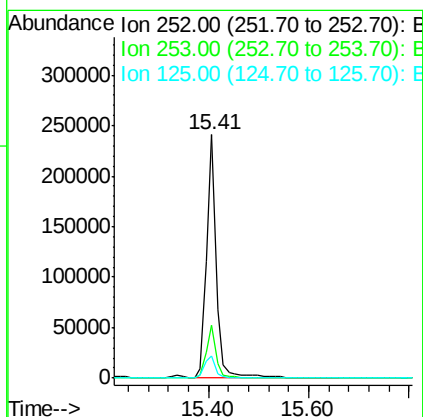
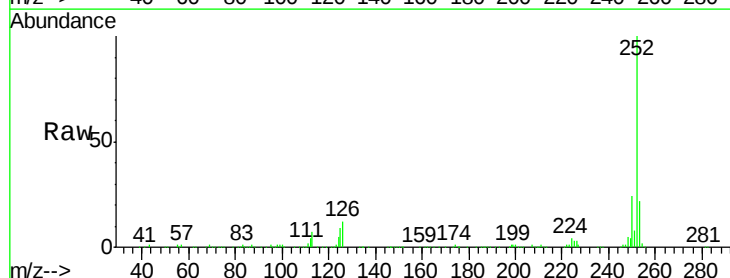
Instrument :
BNA_F
ClientSampleId :

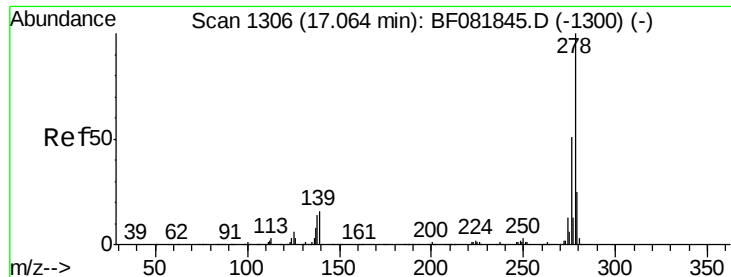
Tot Ion:252 Resp: 715196
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 7.3 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 48.57 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:252 Resp: 320709
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.0 18.0 27.0#

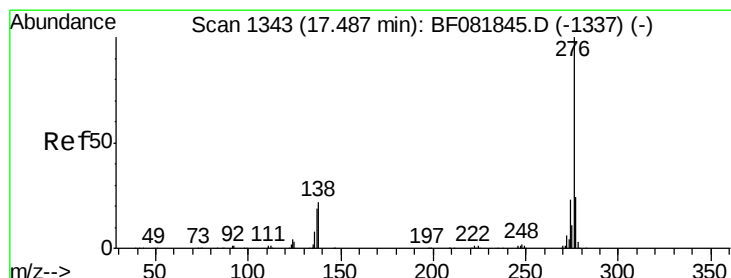
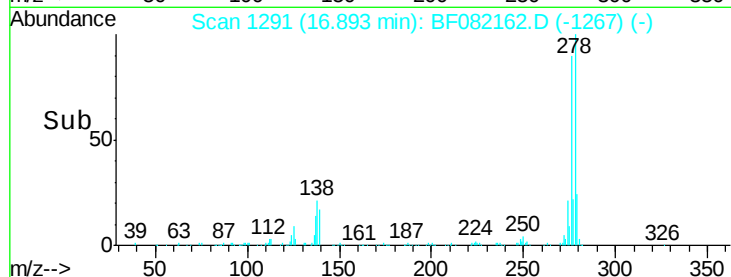
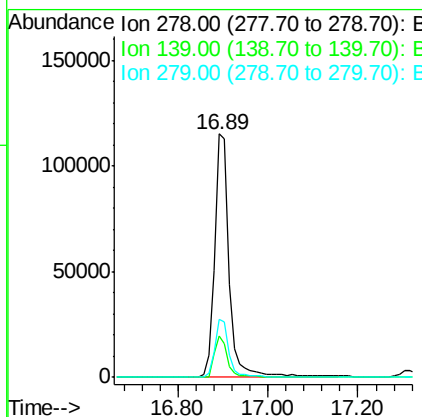
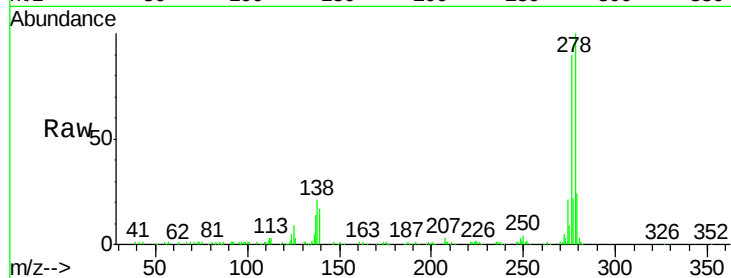




#90
Dibenzo(a,h)anthracene
Concen: 47.20 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 261479
Ion Ratio Lower Upper
278 100
139 16.8 26.3 39.5#
279 23.9 18.2 27.4



#91
Benzo(g,h,i)perylene
Concen: 43.37 ng
RT: 17.32 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF082162.D
Acq: 9 Oct 2015 23:47

Tgt Ion:276 Resp: 246205
Ion Ratio Lower Upper
276 100
277 23.1 17.8 26.6
138 19.0 34.6 51.8#

