

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081423.D
 Acq On : 4 Sep 2015 17:16
 Operator : UM/IZ
 Sample : PB85417BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Quant Time: Sep 07 01:05:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	64593	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	249416	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	123585	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	246139	20.00	ng	0.00
75) Chrysene-d12	13.46	240	179612	20.00	ng	0.00
86) Perylene-d12	14.77	264	123886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	492622	118.33	ng	0.02
7) Phenol-d6	6.03	99	628318	114.02	ng	0.00
23) Nitrobenzene-d5	6.94	82	394618	76.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	131199	119.23	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	626781	64.99	ng	-0.01
78) Terphenyl-d14	12.43	244	627368	81.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	56309	30.12	ng	# 89
3) Pyridine	2.31	79	173574	33.66	ng	92
4) n-Nitrosodimethylamine	2.27	42	107622	37.57	ng	# 74
6) Aniline	6.02	93	178732	22.97	ng	# 79
8) 2-Chlorophenol	6.15	128	179738	39.18	ng	85
9) Benzaldehyde	5.90	77	22683	6.57	ng	# 79
10) Phenol	6.04	94	203876	31.90	ng	# 39
11) bis(2-Chloroethyl)ether	6.11	93	169919	36.85	ng	86
12) 1,3-Dichlorobenzene	6.30	146	181626	37.05	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	173638	34.79	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	152820	34.01	ng	# 85
15) Benzyl Alcohol	6.52	79	166803	36.90	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	356426	40.33	ng	# 1
17) 2-Methylphenol	6.66	107	142320	38.88	ng	# 74
18) Hexachloroethane	6.87	117	69357	35.72	ng	95
19) n-Nitroso-di-n-propylamine	6.80	70	137543	36.67	ng	# 89
20) 3+4-Methylphenols	6.82	107	193673	39.24	ng	88
22) Acetophenone	6.79	105	251047	36.85	ng	# 76
24) Nitrobenzene	6.96	77	218377	40.68	ng	# 66
25) Isophorone	7.21	82	361865	37.63	ng	# 87
26) 2-Nitrophenol	7.28	139	93490	39.96	ng	# 55
27) 2,4-Dimethylphenol	7.35	122	159835	39.55	ng	# 86
28) bis(2-Chloroethoxy)methane	7.43	93	203885	36.71	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	142030	40.53	ng	95
30) 1,2,4-Trichlorobenzene	7.60	180	147584	38.76	ng	96
31) Naphthalene	7.67	128	466325	35.06	ng	98
32) Benzoic acid	7.50	122	79988	28.80	ng	# 55
33) 4-Chloroaniline	7.74	127	111761	20.60	ng	# 82
34) Hexachlorobutadiene	7.80	225	82315	35.53	ng	97
35) Caprolactam	8.11	113	29242	27.21	ng	# 22
36) 4-Chloro-3-methylphenol	8.25	107	176774	45.06	ng	# 77
37) 2-Methylnaphthalene	8.36	142	333920	38.58	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129231	33.06	ng	98
40) Hexachlorocyclopentadiene	8.51	237	125482	65.42	ng	96

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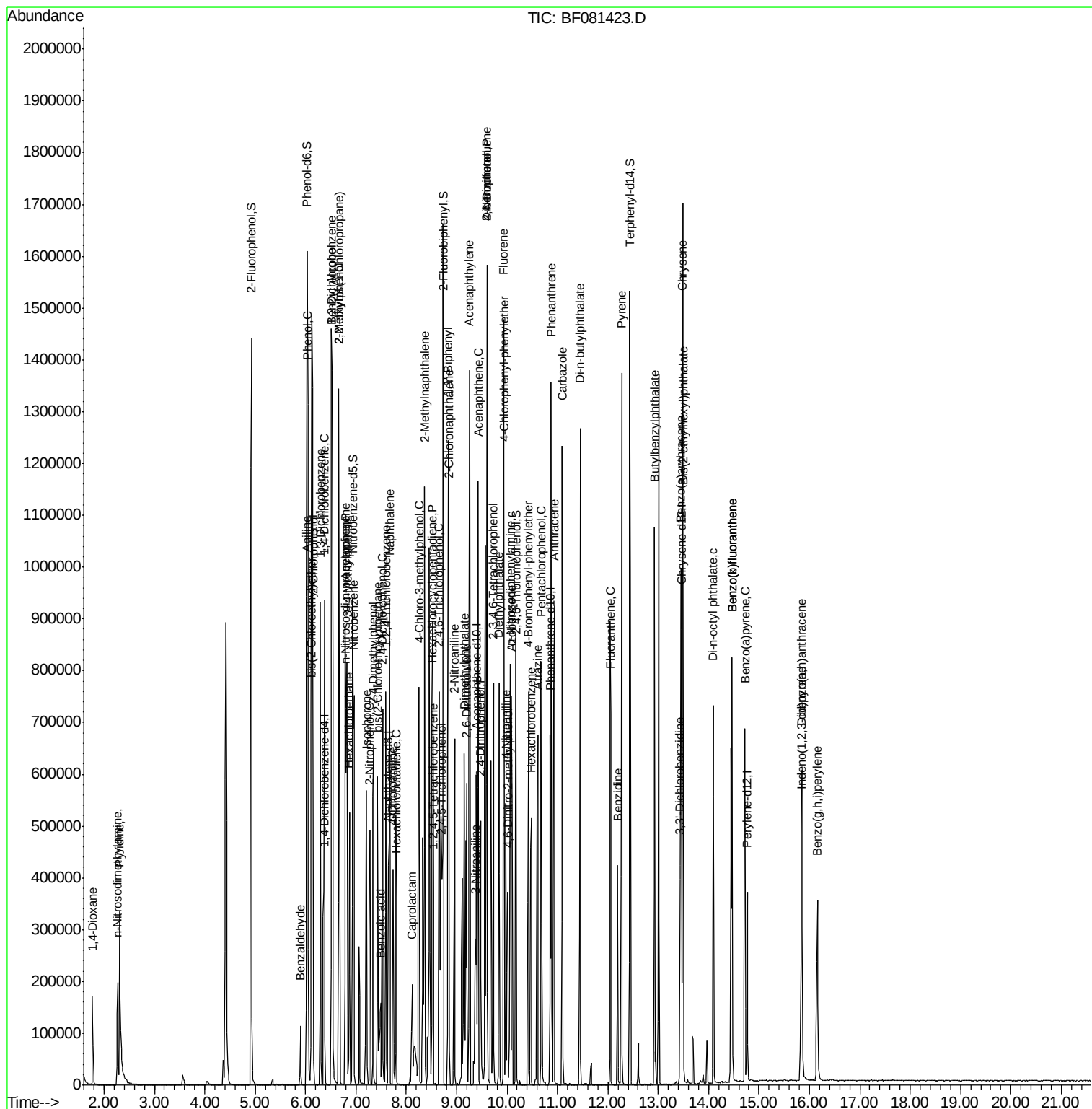
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92437	34.27	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	96944	35.23	nq	# 94
45) 1,1'-Biphenyl	8.83	154	408084	35.89	nq	94
46) 2-Chloronaphthalene	8.84	162	282886	34.45	nq	# 89
47) 2-Nitroaniline	8.96	65	137293	41.03	nq	# 72
48) Acenaphthylene	9.26	152	509307	34.96	nq	97
49) Dimethylphthalate	9.15	163	369788	38.51	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	69113	31.71	nq	# 3
51) Acenaphthene	9.43	154	305155	36.82	nq	90
52) 3-Nitroaniline	9.37	138	59695	24.06	nq	# 79
53) 2,4-Dinitrophenol	9.47	184	63125	68.77	nq	# 1
54) Dibenzofuran	9.60	168	454241	37.54	nq	# 89
55) 4-Nitrophenol	9.60	139	301147	193.21	nq	# 31
56) 2,4-Dinitrotoluene	9.60	165	91729	33.06	nq	# 1
57) Fluorene	9.93	166	314483	34.25	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82136	39.09	nq	90
59) Diethylphthalate	9.84	149	348679	34.52	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	164176	38.36	nq	96
61) 4-Nitroaniline	9.98	138	78069	31.15	nq	# 29
62) Azobenzene	10.09	77	428691	38.18	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.01	198	52297	37.99	nq	88
65) n-Nitrosodiphenylamine	10.07	169	305247	34.08	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	93187	37.44	nq	98
67) Hexachlorobenzene	10.48	284	95722	36.79	nq	# 80
68) Atrazine	10.60	200	101942	39.33	nq	85
69) Pentachlorophenol	10.67	266	86684	69.69	nq	98
70) Phenanthrene	10.88	178	452208	33.05	nq	96
71) Anthracene	10.94	178	515145	36.64	nq	99
72) Carbazole	11.10	167	471305	35.73	nq	95
73) Di-n-butylphthalate	11.45	149	598844	38.44	nq	# 98
74) Fluoranthene	12.06	202	522750	35.29	nq	84
76) Benzidine	12.19	184	184371	23.91	nq	98
77) Pyrene	12.27	202	553397	41.59	nq	98
79) Butylbenzylphthalate	12.92	149	249835	43.18	nq	# 84
80) Benzo(a)anthracene	13.45	228	422787	36.96	nq	96
81) 3,3'-Dichlorobenzidine	13.43	252	87104	22.58	nq	99
82) Chrysene	13.48	228	347752	33.92	nq	95
83) Bis(2-ethylhexyl)phthalate	13.50	149	307285	40.24	nq	# 94
84) Di-n-octyl phthalate	14.09	149	444014	35.31	nq	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	285293	37.92	nq	# 90
87) Benzo(b)fluoranthene	14.47	252	649422	73.43	nq	# 86
88) Benzo(k)fluoranthene	14.47	252	649422	88.49	nq	# 86
89) Benzo(a)pyrene	14.72	252	273545	36.50	nq	# 90
90) Dibenzo(a,h)anthracene	15.85	278	238254	41.14	nq	# 84
91) Benzo(g,h,i)perylene	16.16	276	237594	42.98	nq	# 78

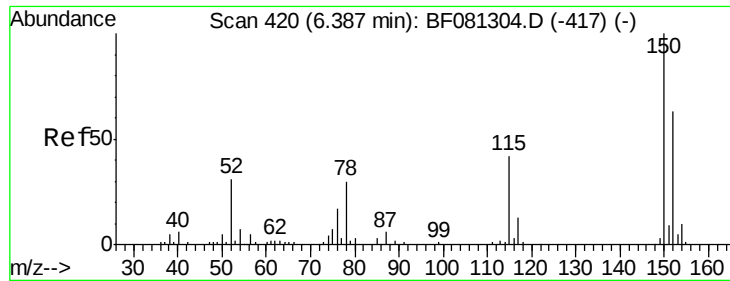
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

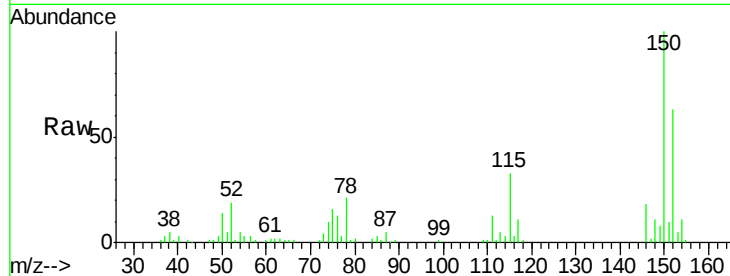
Tot Ion:152 Resp: 64593

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

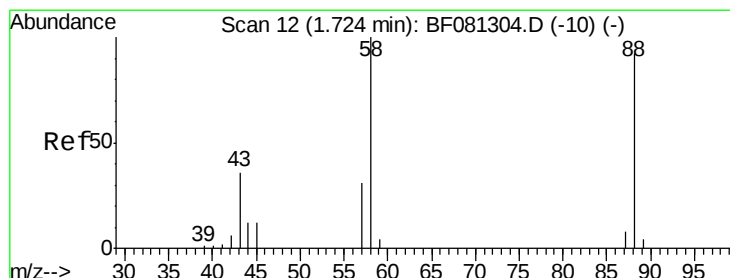
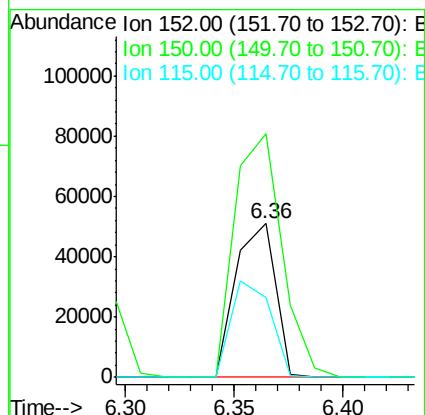
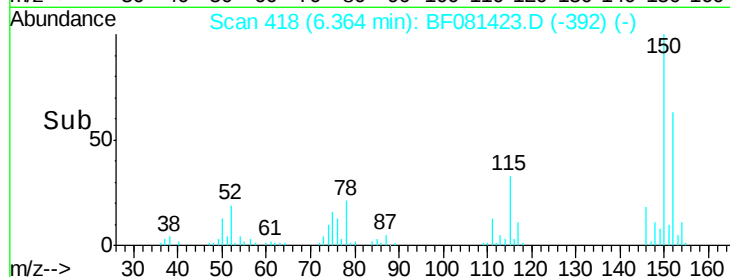
115 51.8 39.0 58.4



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: 30.12 ng

RT: 1.77 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

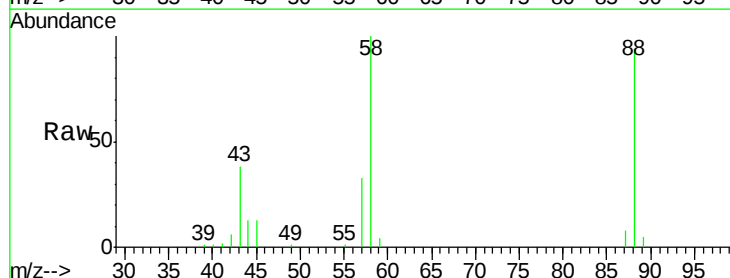
Tgt Ion: 88 Resp: 56309

Ion Ratio Lower Upper

88 100

58 106.0 77.7 116.5

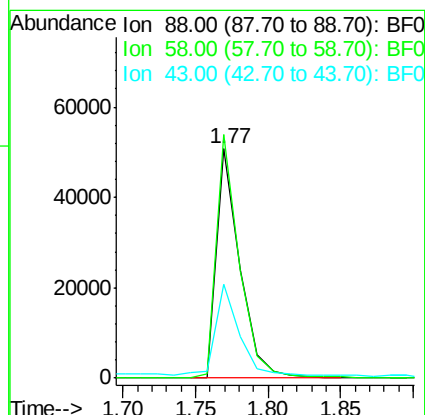
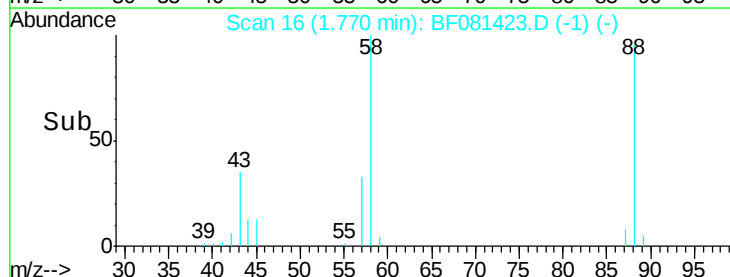
43 41.9 26.6 40.0#

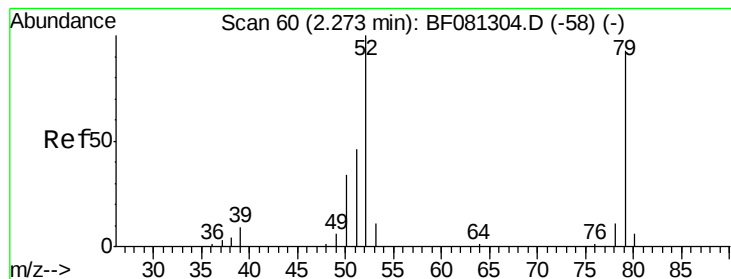


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.66 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.08 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

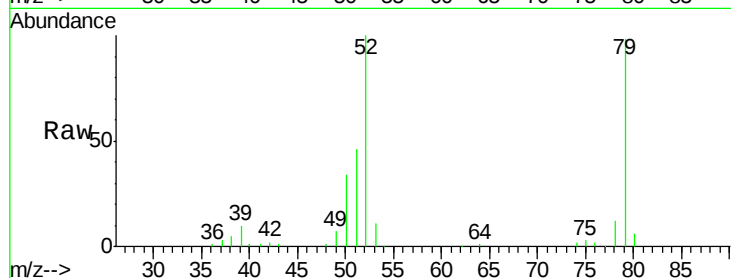
Tot Ion: 79 Resp: 173574

Ion Ratio Lower Upper

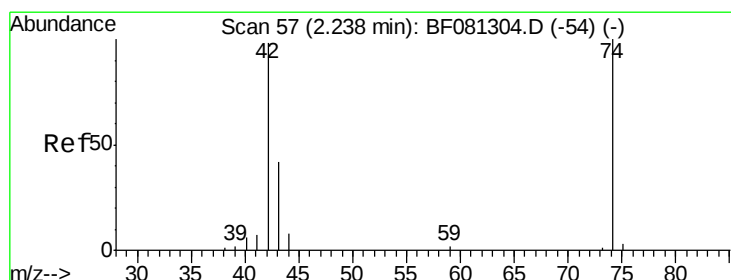
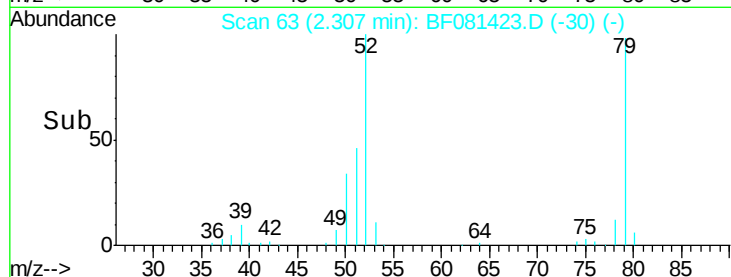
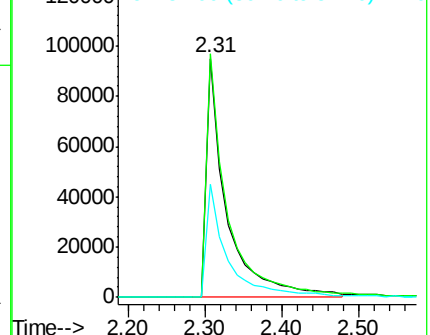
79 100

52 102.0 76.8 115.2

51 47.2 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.57 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

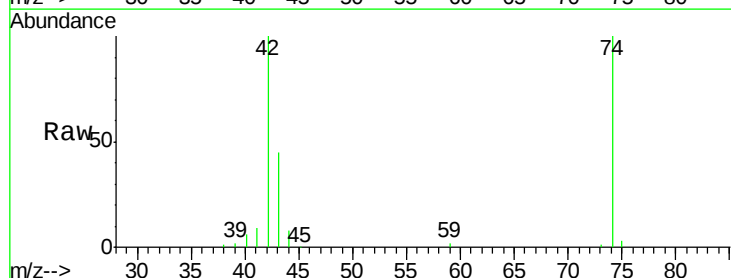
Tgt Ion: 42 Resp: 107622

Ion Ratio Lower Upper

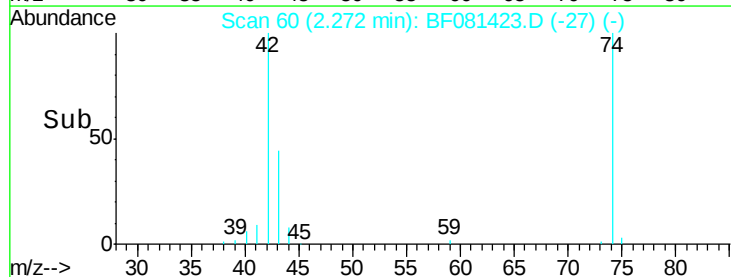
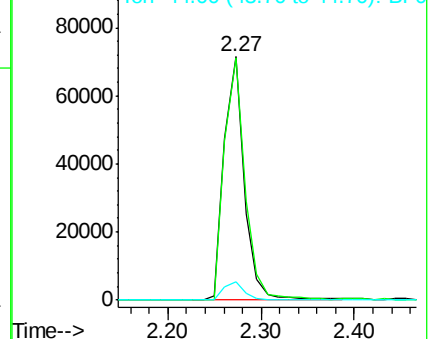
42 100

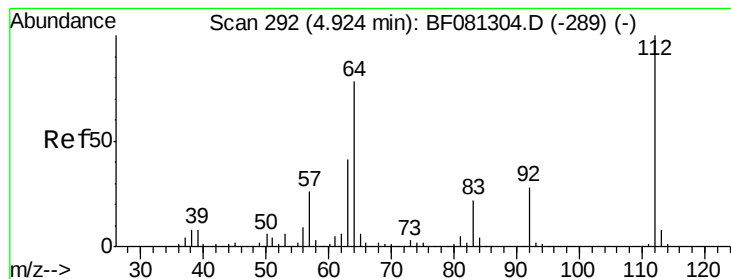
74 99.7 105.0 157.6#

44 7.5 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.33 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081423.D

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ClientSampleId :

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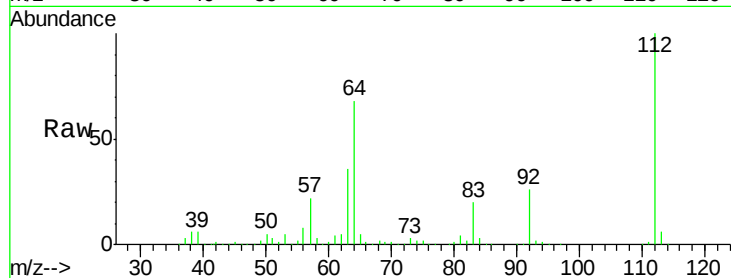
Tot Ion:112 Resp: 492622

Ion Ratio Lower Upper

112 100

64 67.5 39.7 59.5#

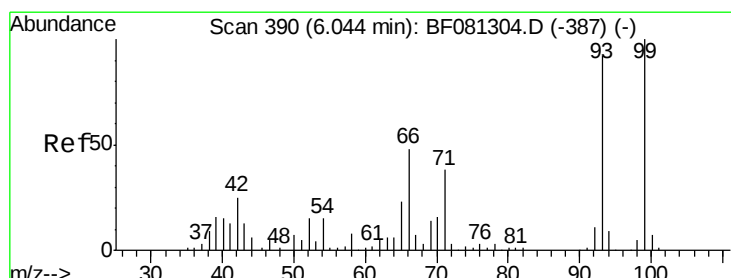
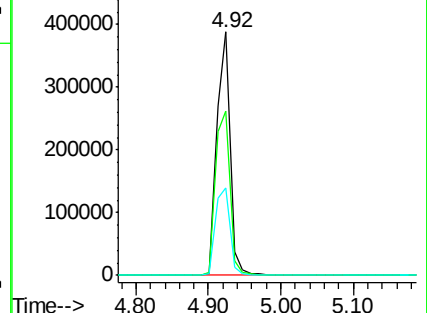
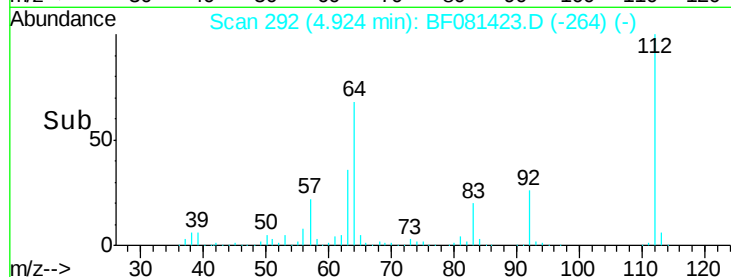
63 36.0 17.4 26.0#



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: 22.97 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

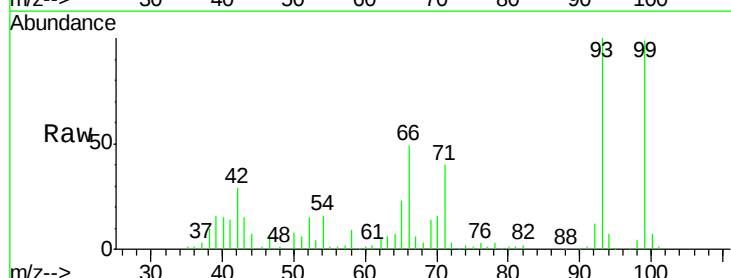
Tgt Ion: 93 Resp: 178732

Ion Ratio Lower Upper

93 100

66 48.8 27.2 40.8#

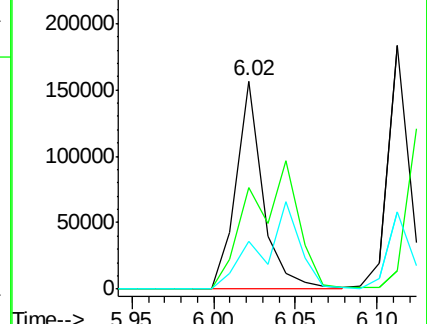
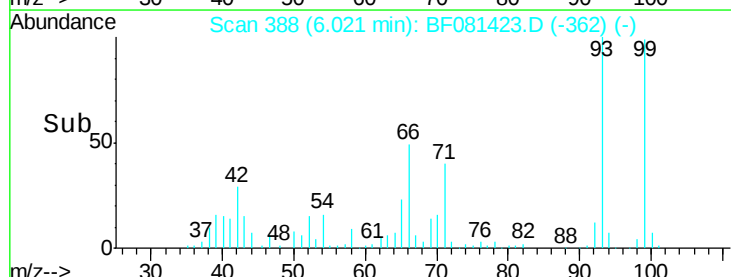
65 23.2 14.7 22.1#



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: 114.02 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

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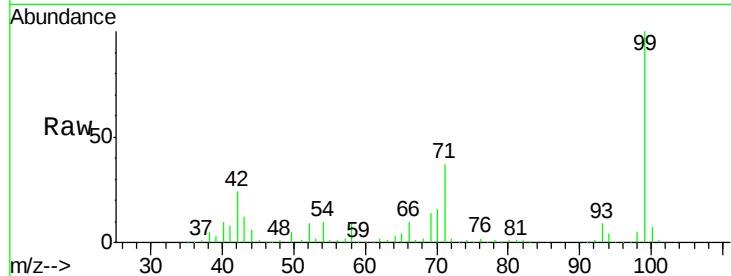
Tot Ion: 99 Resp: 628318

Ion Ratio Lower Upper

99 100

42 23.6 13.7 20.5#

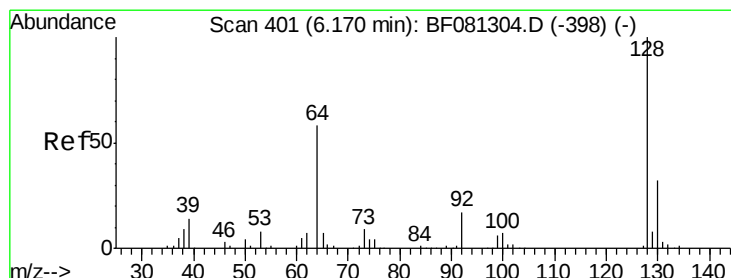
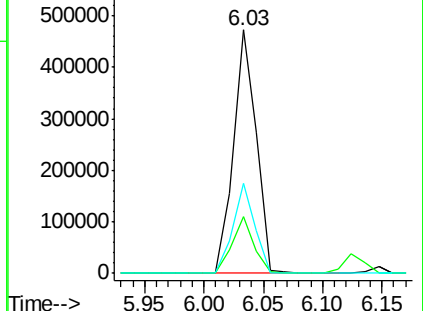
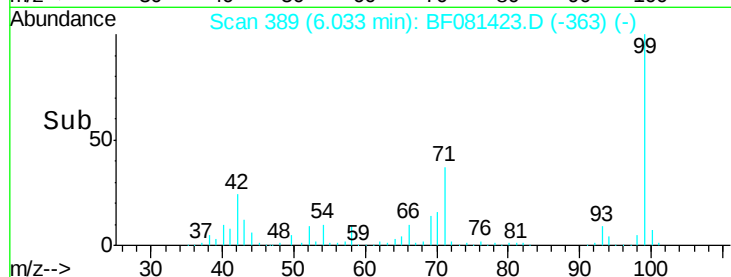
71 36.8 14.2 21.2#



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: 39.18 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

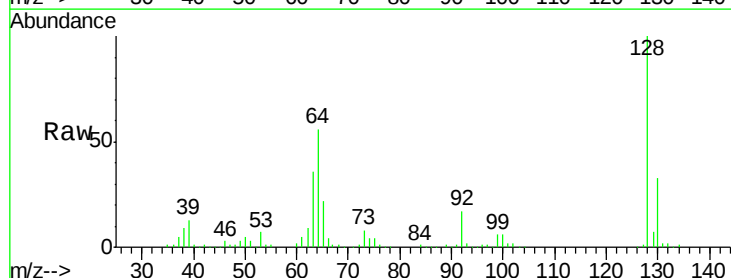
Tgt Ion: 128 Resp: 179738

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

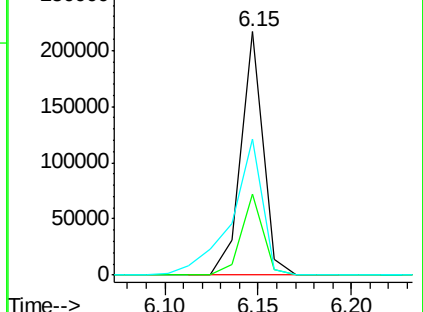
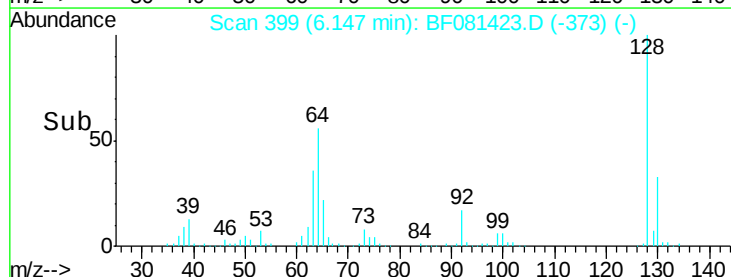
64 56.0 20.5 60.5

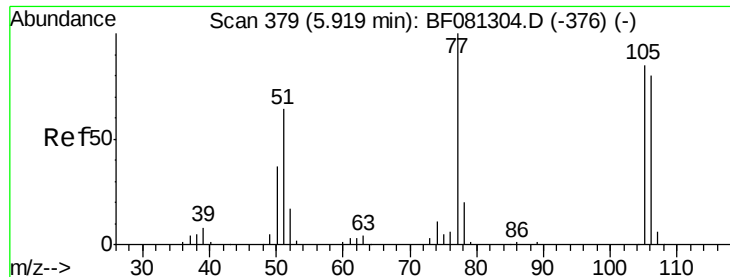


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

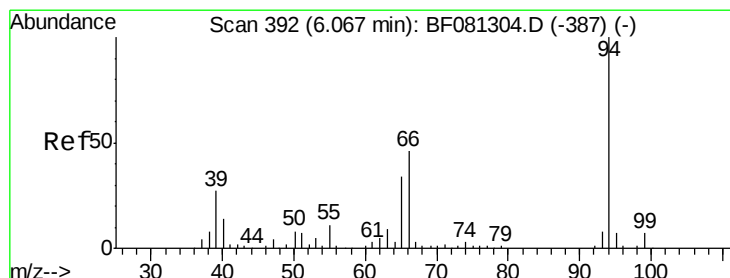
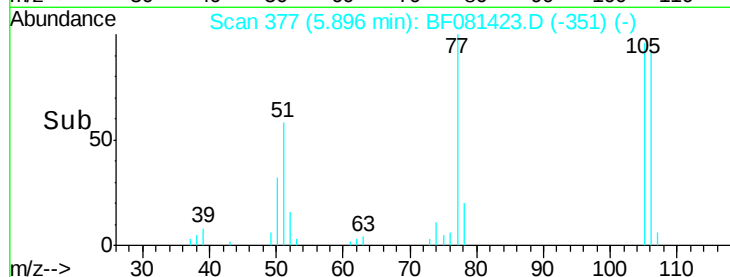
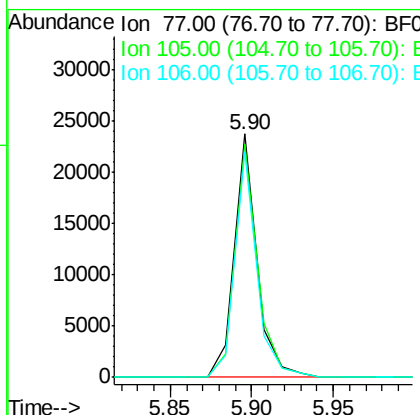
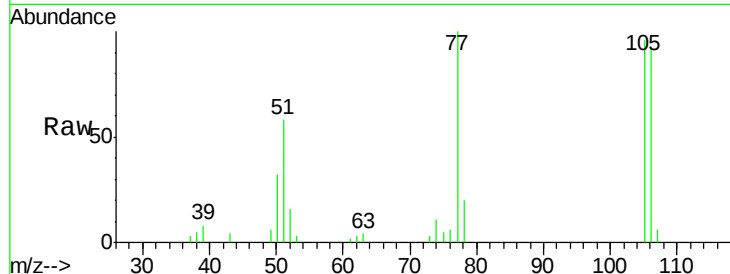




#9
Benzaldehyde
Concen: 6.57 ng
RT: 5.90 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

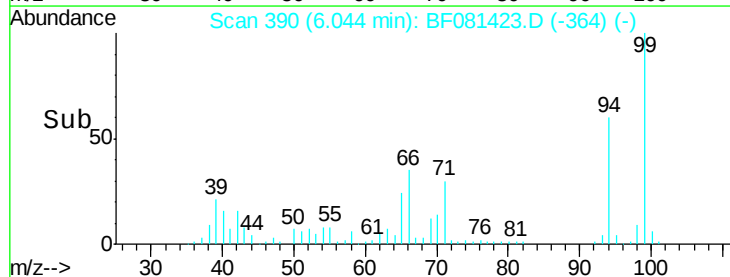
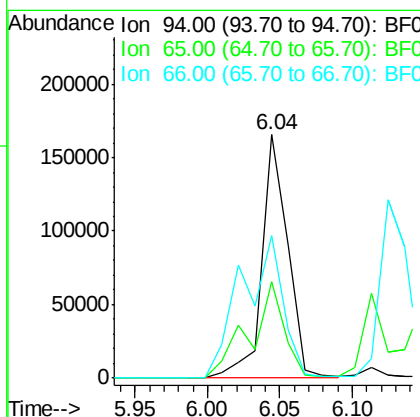
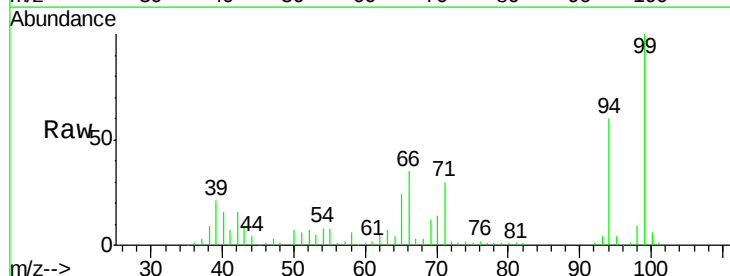
Instrument :
BNA_F
ClientSampleId :
PB85417BS

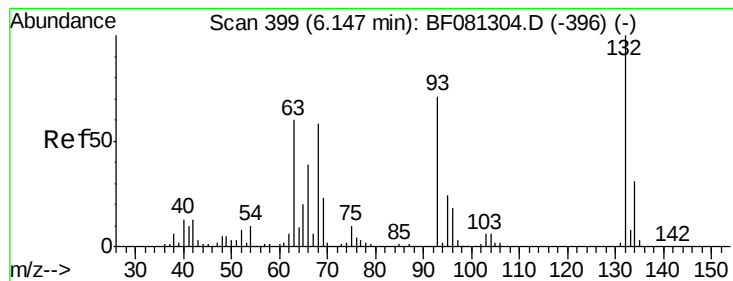
Tot Ion: 77 Resp: 22683
Ion Ratio Lower Upper
77 100
105 95.9 91.6 131.6
106 92.7 102.6 142.6#



#10
Phenol
Concen: 31.90 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion: 94 Resp: 203876
Ion Ratio Lower Upper
94 100
65 39.8 0.7 40.7
66 58.3 0.8 40.8#

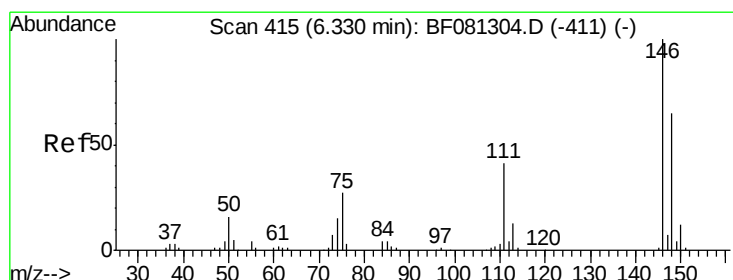
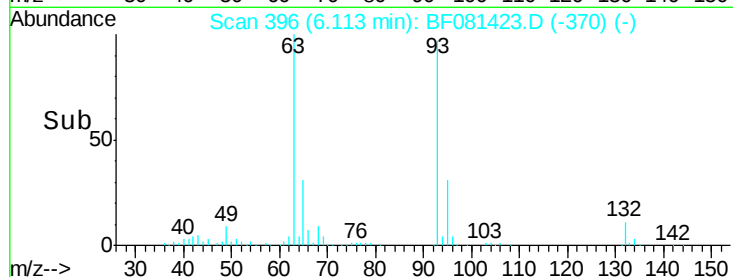
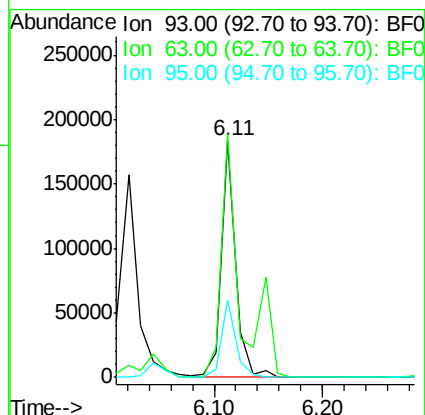
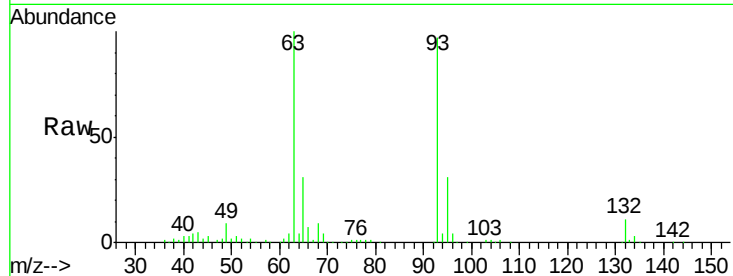




#11
bis(2-Chloroethyl)ether
Concen: 36.85 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

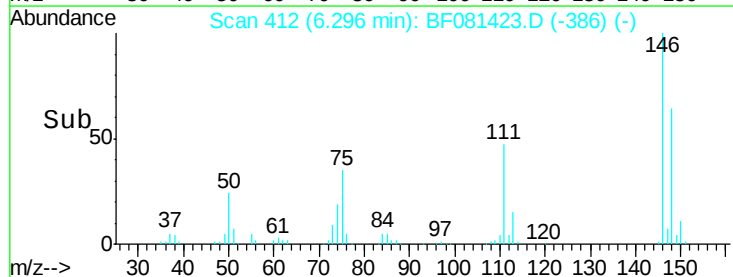
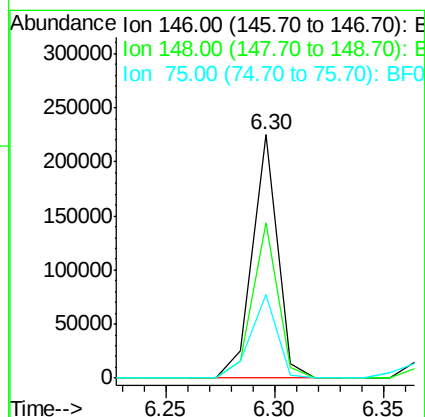
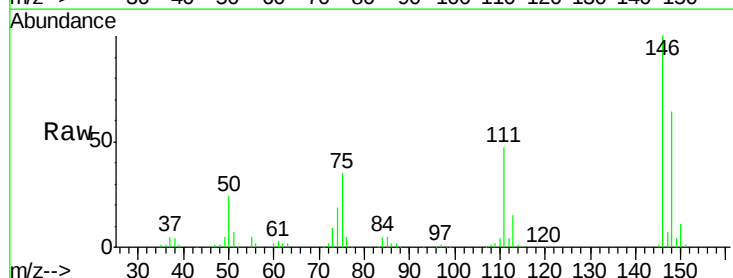
Instrument :
BNA_F
ClientSampleId :
PB85417BS

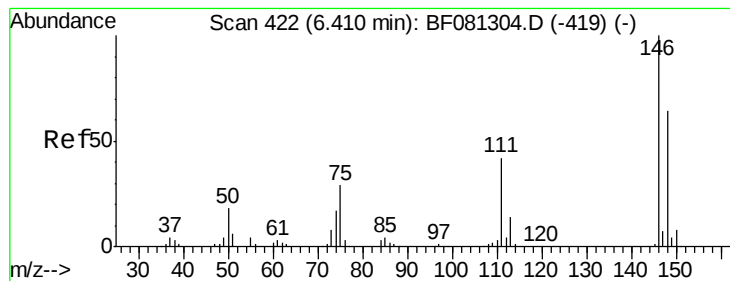
Tot Ion: 93 Resp: 169919
Ion Ratio Lower Upper
93 100
63 103.0 65.6 105.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.05 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion: 146 Resp: 181626
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 34.5 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 34.79 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

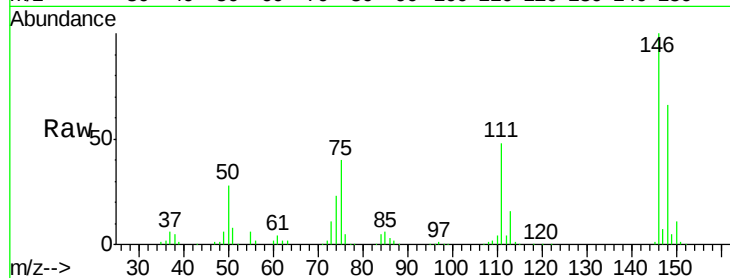
Tot Ion:146 Resp: 173638

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

111 48.5 24.9 37.3#



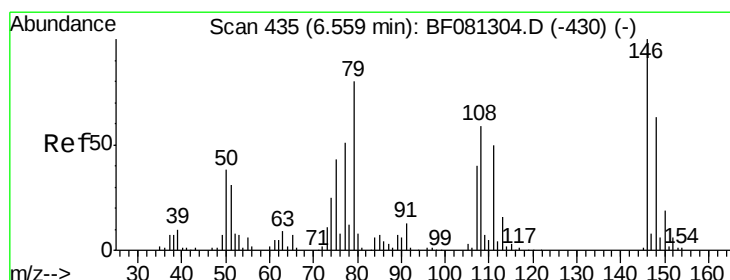
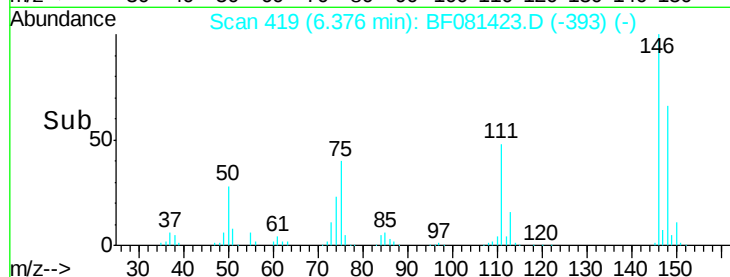
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.38

Time-->



#14

1,2-Dichlorobenzene

Concen: 34.01 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

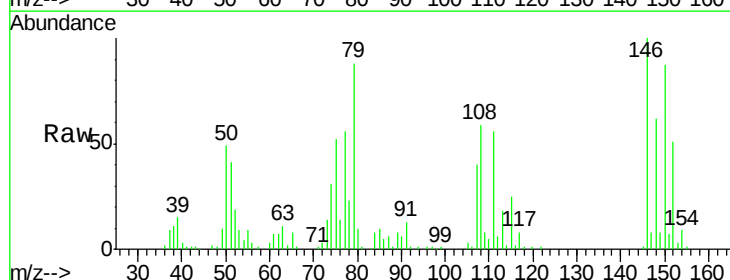
Tgt Ion:146 Resp: 152820

Ion Ratio Lower Upper

146 100

148 62.4 52.7 79.1

111 56.4 28.8 43.2#



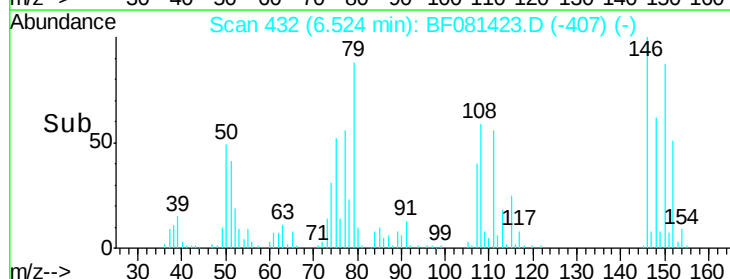
Abundance Ion 146.00 (145.70 to 146.70): E

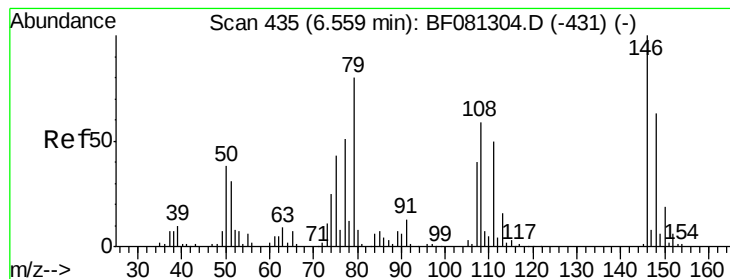
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.52

Time-->





#15

Benzyl Alcohol

Concen: 36.90 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleID :

PB85417BS

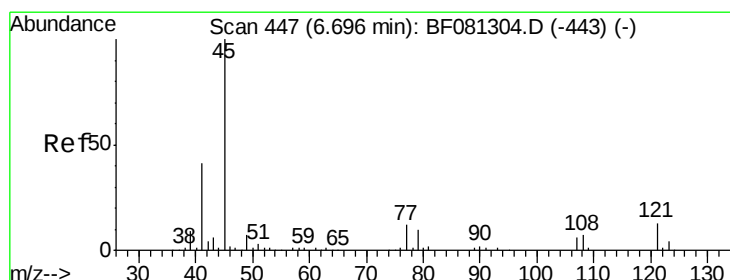
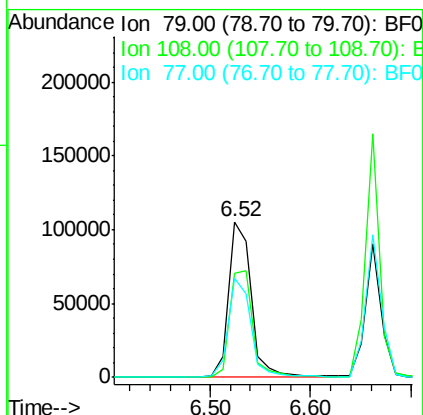
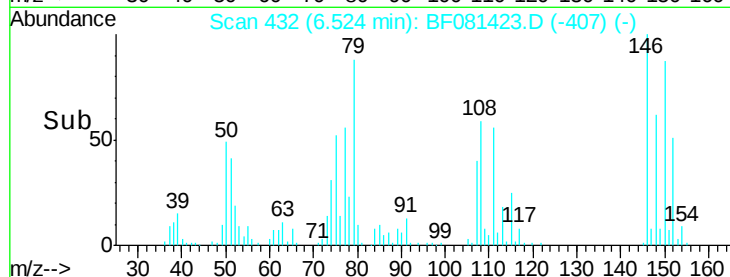
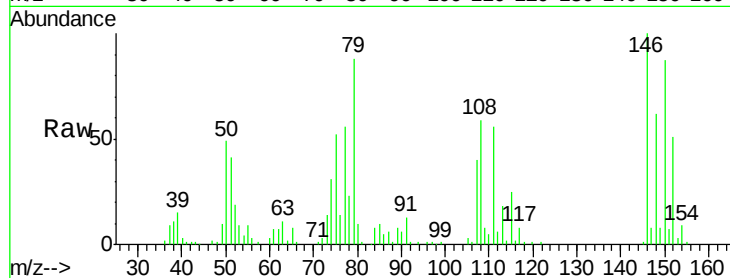
Tot Ion: 79 Resp: 166803

Ion Ratio Lower Upper

79 100

108 66.6 88.6 132.8#

77 63.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.33 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

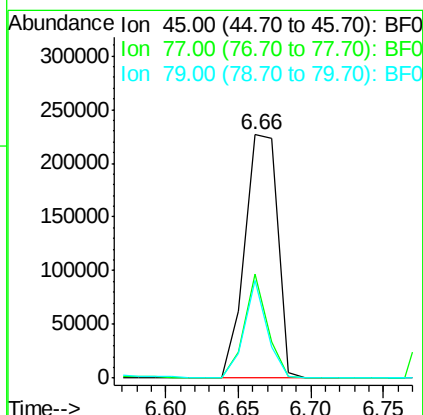
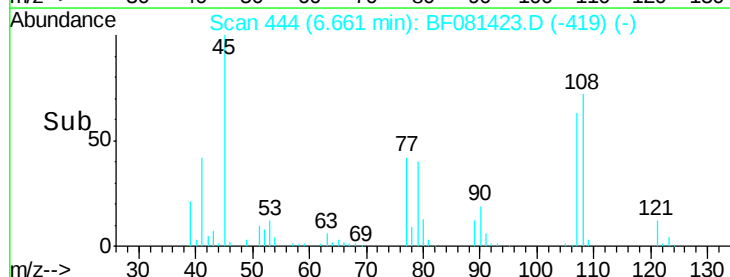
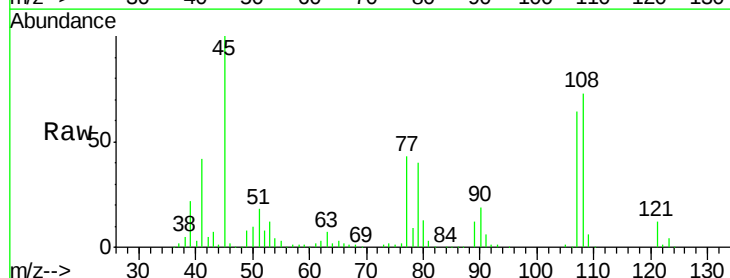
Tgt Ion: 45 Resp: 356426

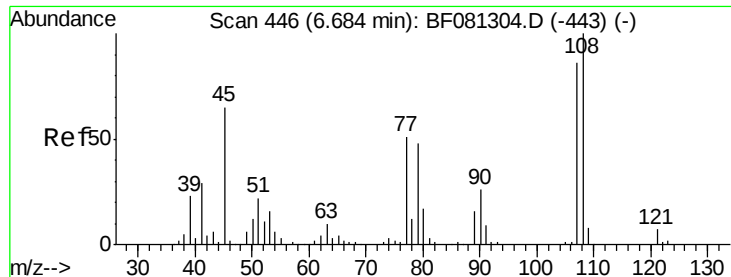
Ion Ratio Lower Upper

45 100

77 42.7 0.0 28.1#

79 40.0 0.0 26.0#

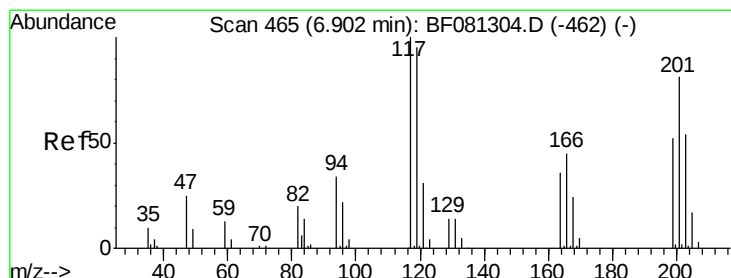
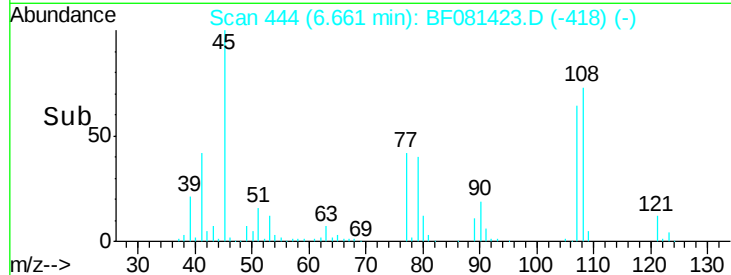
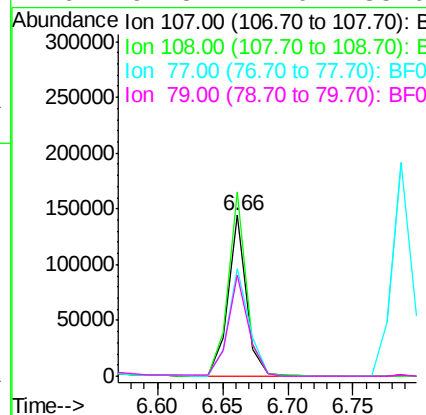
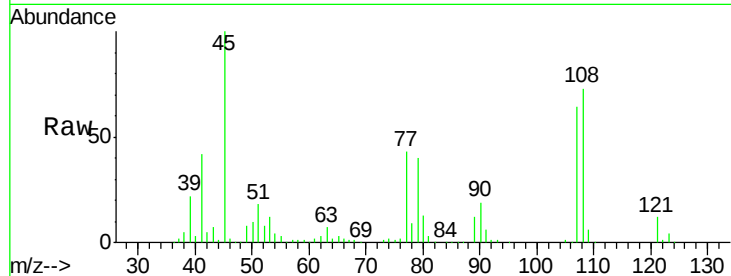




#17
 2-Methylphenol
 Concen: 38.88 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

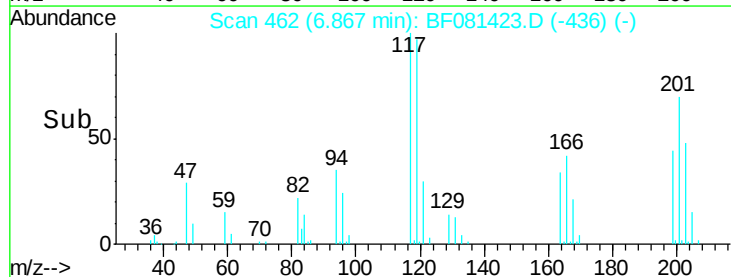
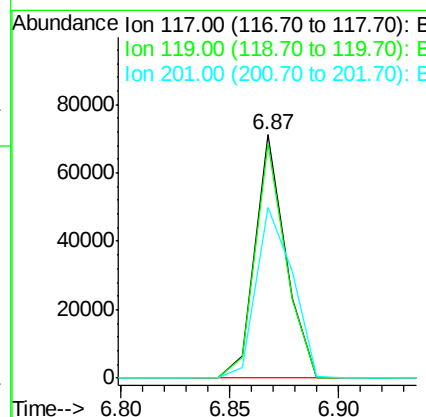
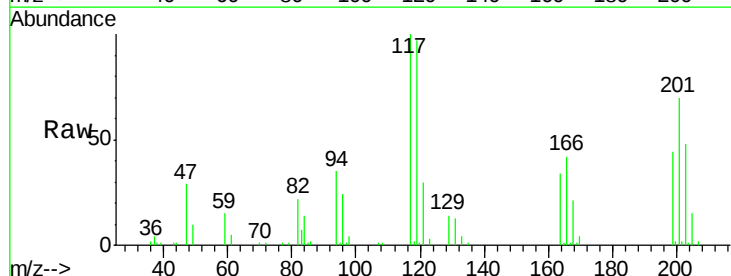
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

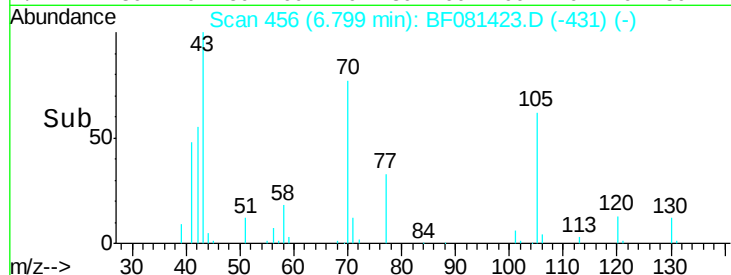
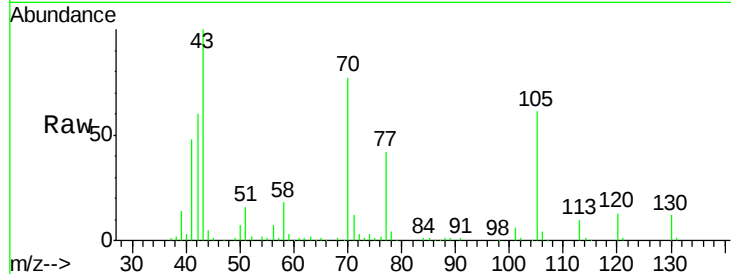
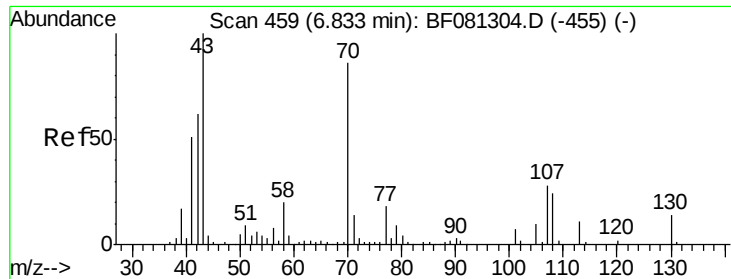
Tot Ion:	107	Resp:	142320
Ion	Ratio	Lower	Upper
107	100		
108	114.3	96.6	145.0
77	67.1	23.3	34.9#
79	62.8	22.0	33.0#



#18
 Hexachloroethane
 Concen: 35.72 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:	117	Resp:	69357
Ion	Ratio	Lower	Upper
117	100		
119	96.5	83.8	125.6
201	70.2	55.1	82.7

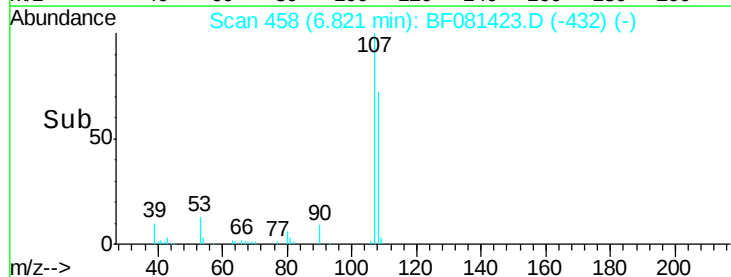
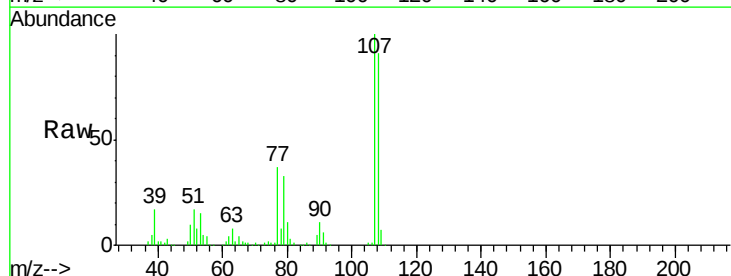
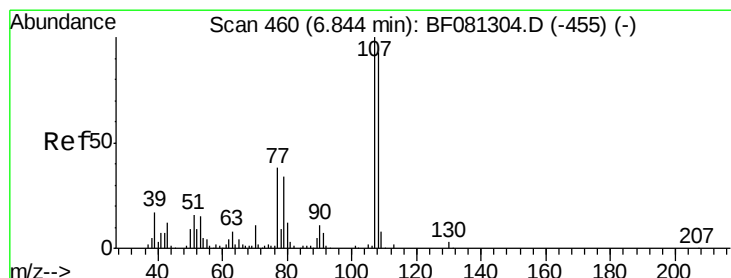
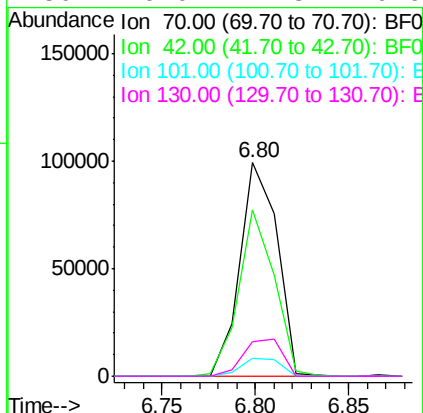




#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

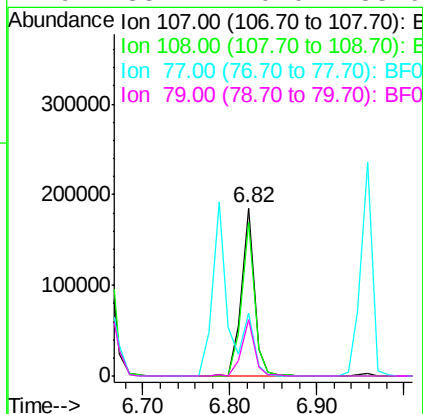
Instrument :
BNA_F
ClientSampleId :
PB85417BS

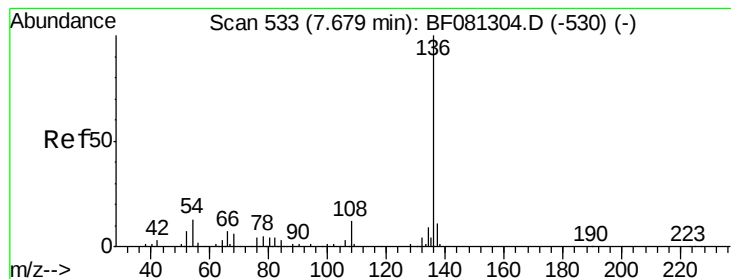
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.8	63.8	95.6
101	8.4	9.2	13.8
130	16.0	27.3	40.9



#20
3+4-Methylphenols
Concen: 39.24 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	74.6	114.6
77	37.1	0.7	40.7
79	33.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

Tot Ion:136 Resp: 249416

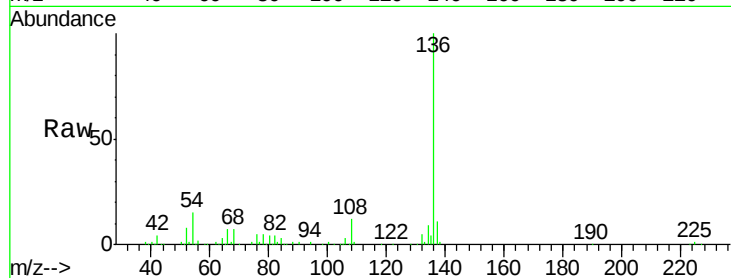
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 15.2 8.2 12.2#

68 7.0 5.8 8.6

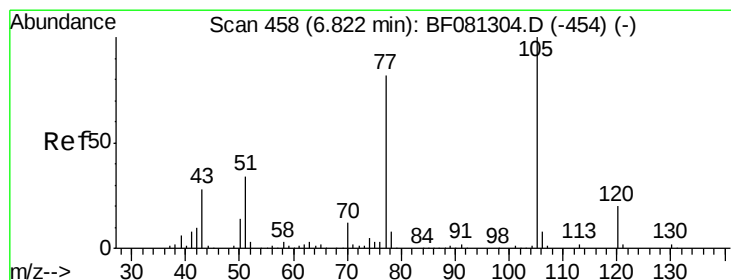
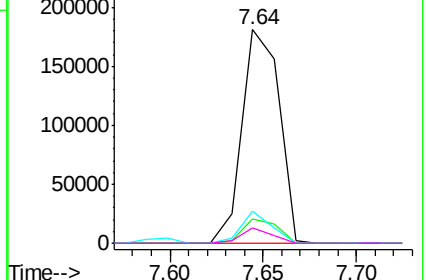
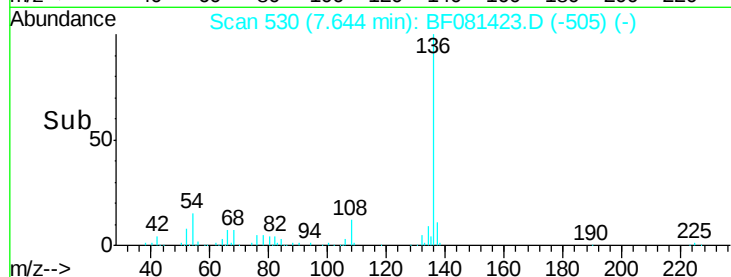


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.85 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:105 Resp: 251047

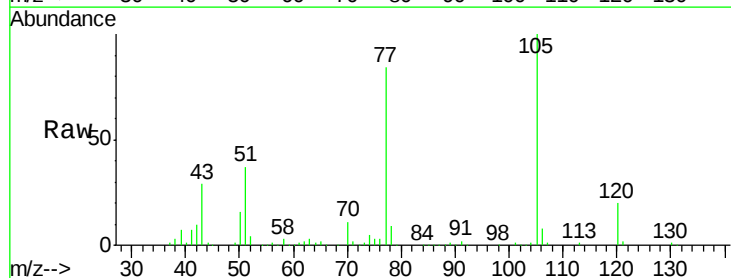
Ion Ratio Lower Upper

105 100

71 1.8 4.7 7.1#

51 37.3 22.0 33.0#

120 20.0 30.1 45.1#

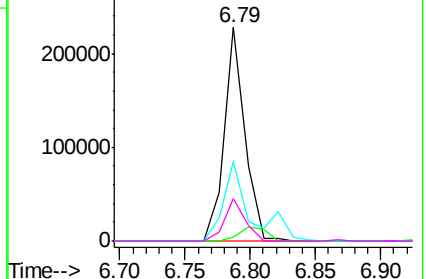
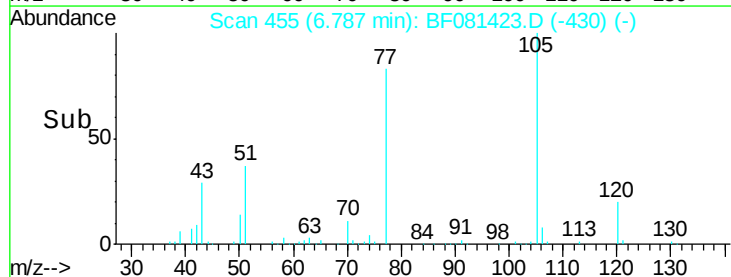


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

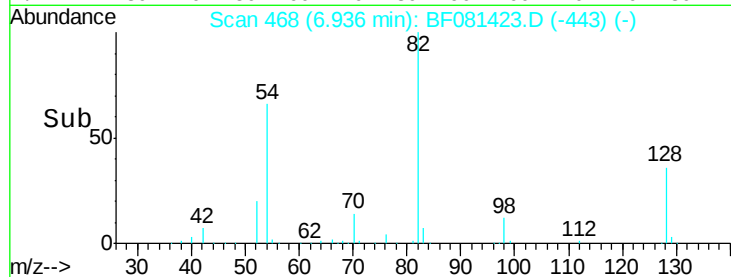
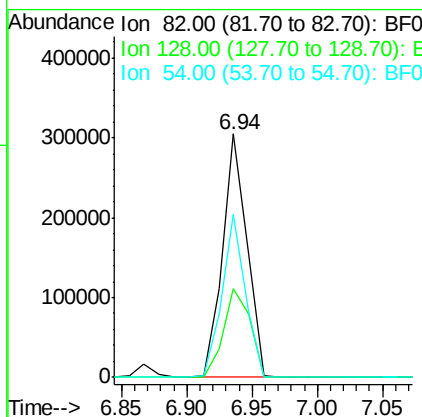
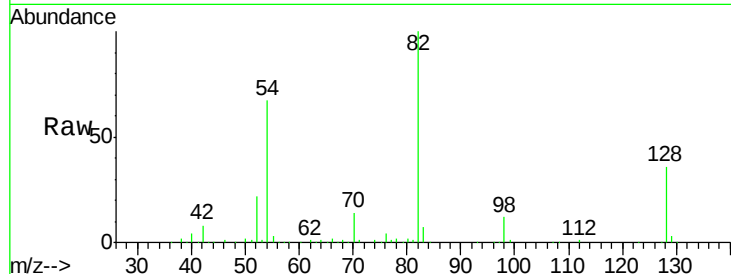




#23
 Nitrobenzene-d5
 Concen: 76.33 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

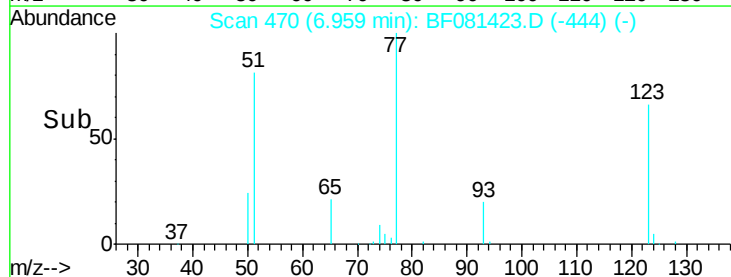
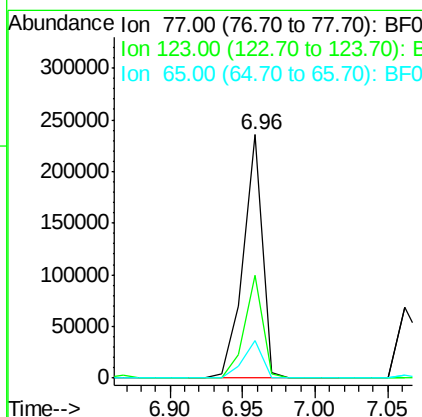
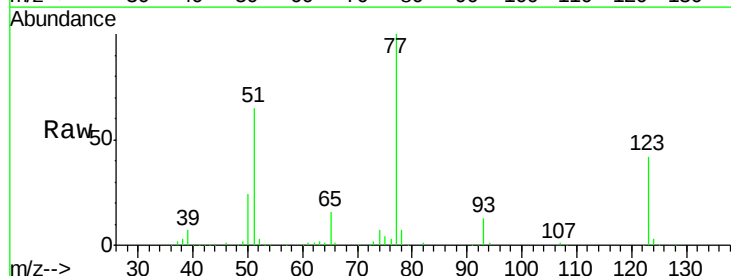
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion: 82 Resp: 394618
 Ion Ratio Lower Upper
 82 100
 128 36.4 51.0 76.6#
 54 67.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion: 77 Resp: 218377
 Ion Ratio Lower Upper
 77 100
 123 42.5 59.8 89.8#
 65 15.6 10.2 15.4#





#25

Isophorone

Concen: 37.63 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

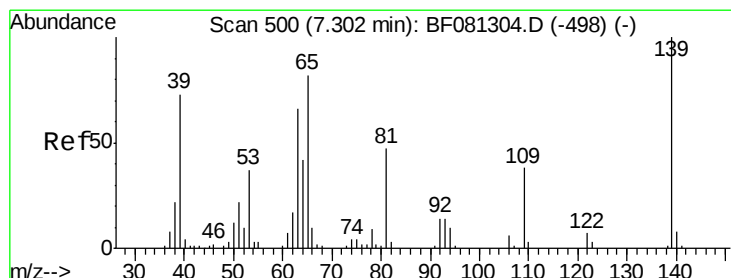
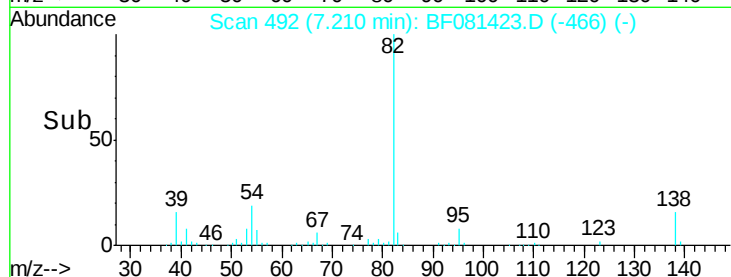
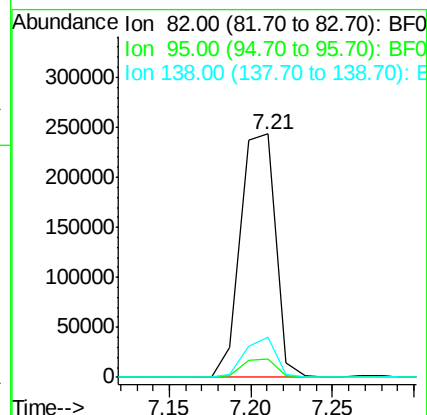
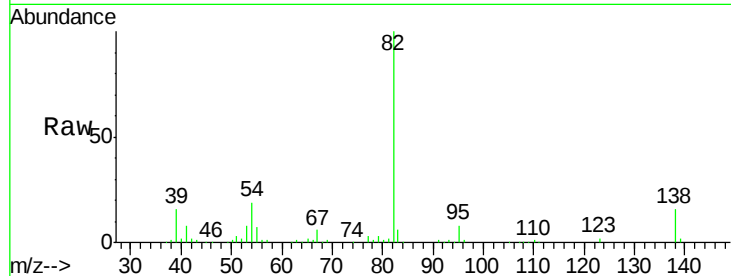
Tot Ion: 82 Resp: 361865

Ion Ratio Lower Upper

82 100

95 7.7 4.0 6.0#

138 16.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.96 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

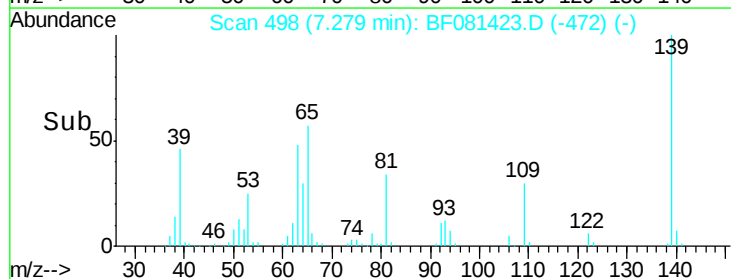
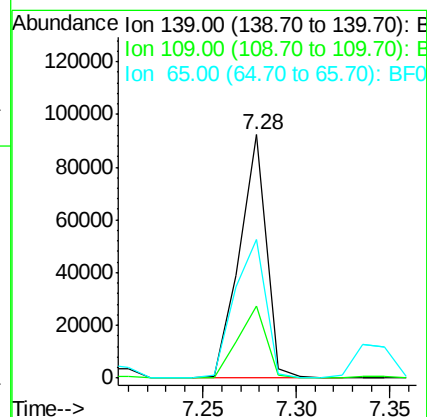
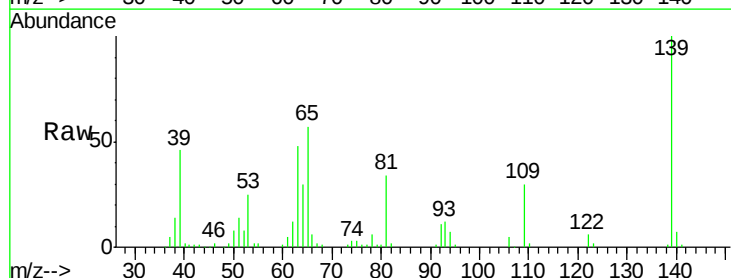
Tgt Ion: 139 Resp: 93490

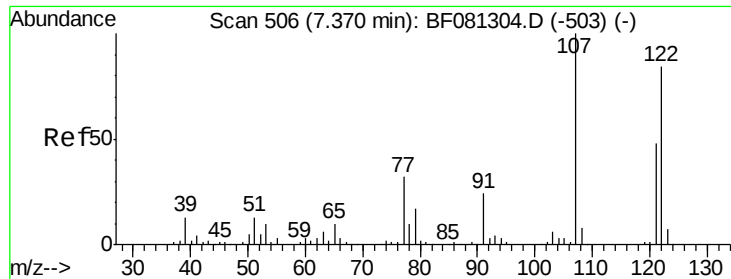
Ion Ratio Lower Upper

139 100

109 29.8 11.0 16.4#

65 56.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.55 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

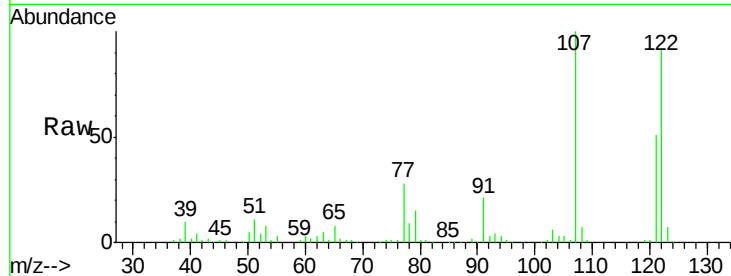
Tot Ion:122 Resp: 159835

Ion Ratio Lower Upper

122 100

107 109.0 71.8 107.6#

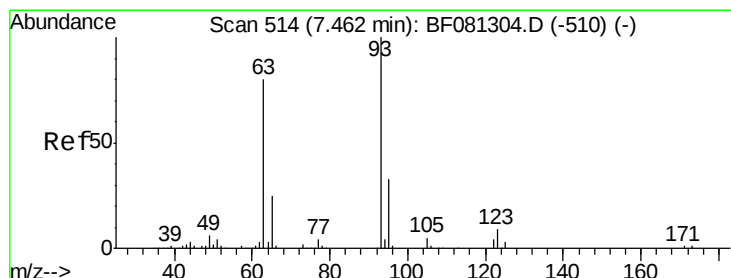
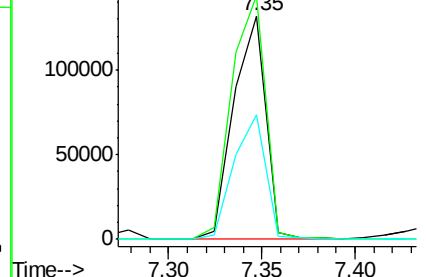
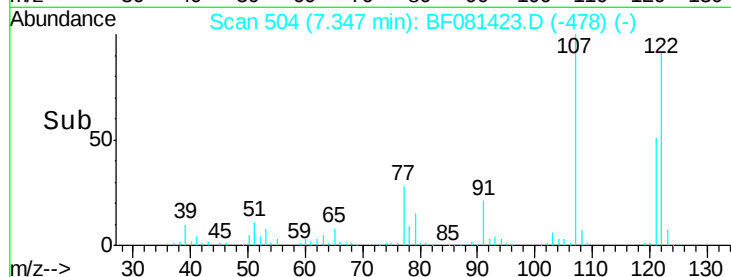
121 55.6 42.3 63.5



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: 36.71 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

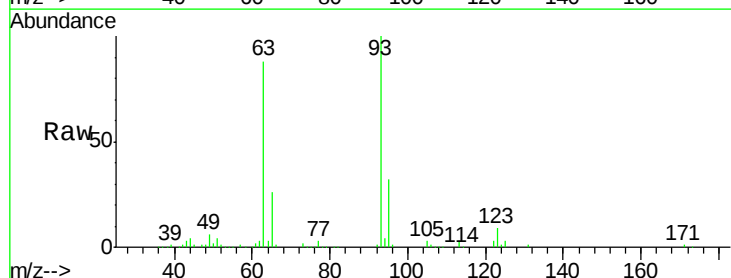
Tgt Ion: 93 Resp: 203885

Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

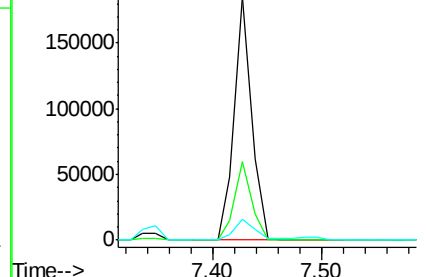
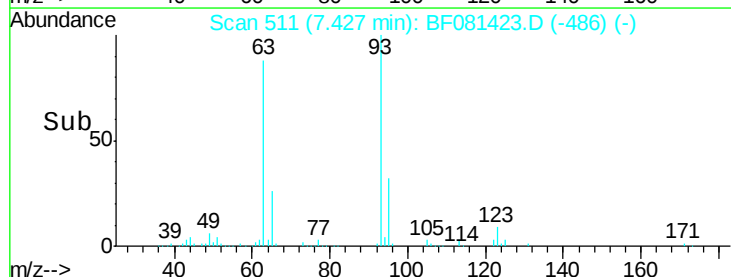
123 8.6 13.7 20.5#

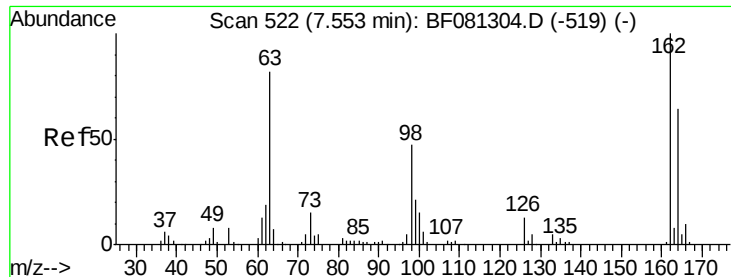


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

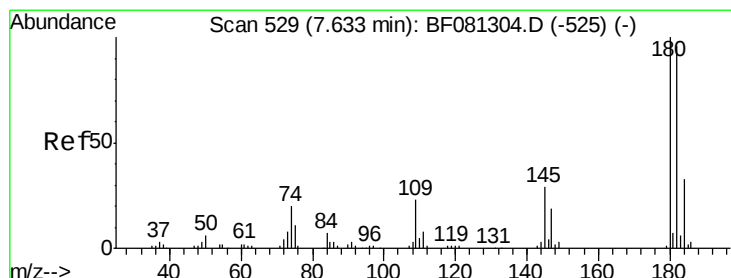
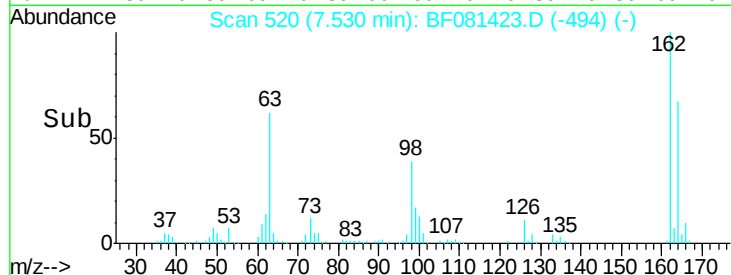
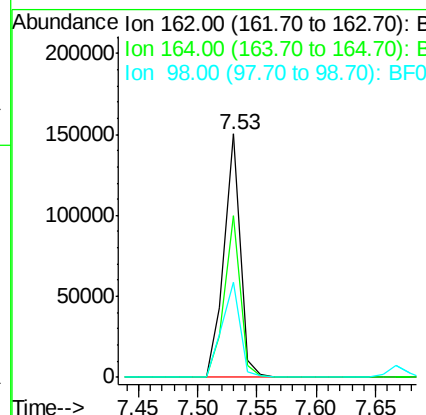
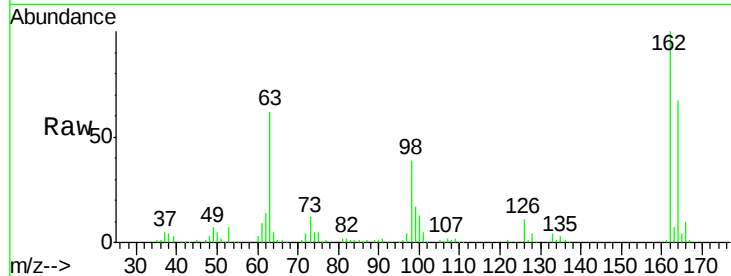




#29
 2,4-Dichlorophenol
 Concen: 40.53 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

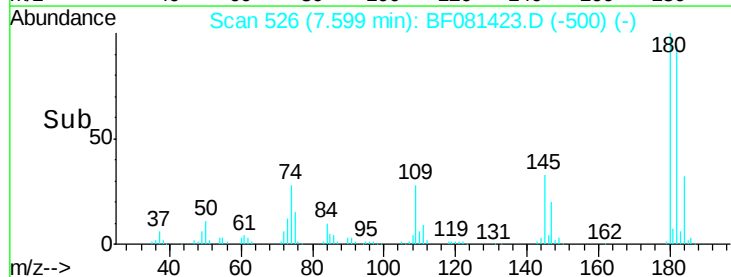
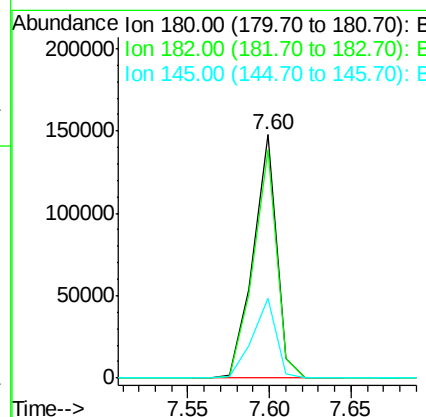
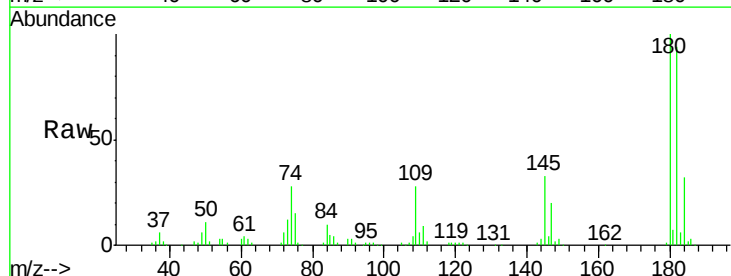
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.9	84.9
98	38.9	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.76 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.1	115.7
145	32.6	23.3	34.9





#31

Naphthalene

Concen: 35.06 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

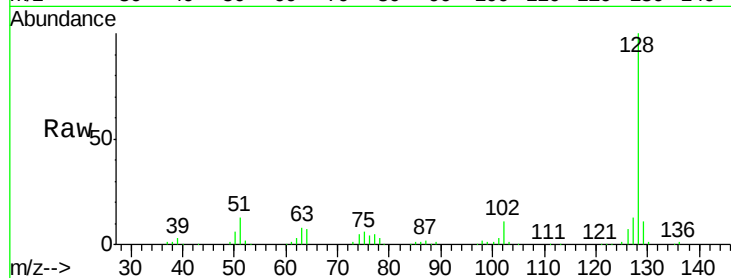
Tot Ion:128 Resp: 466325

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

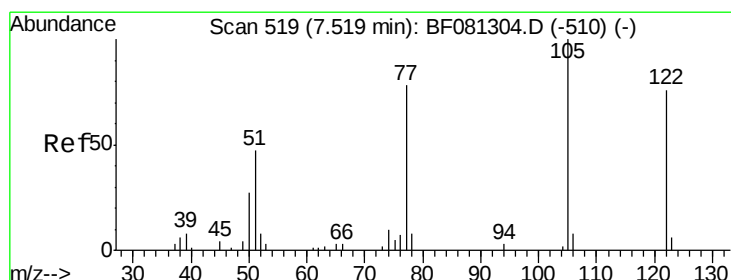
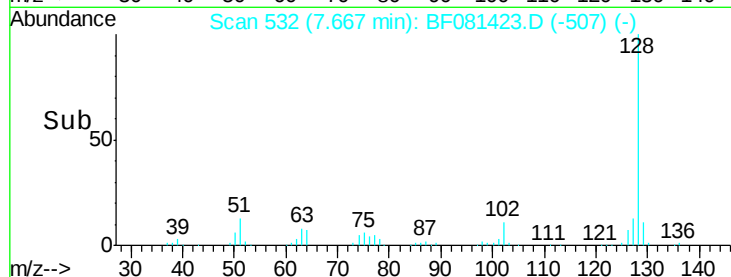
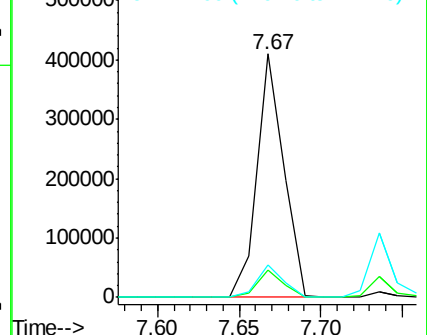
127 13.3 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.80 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

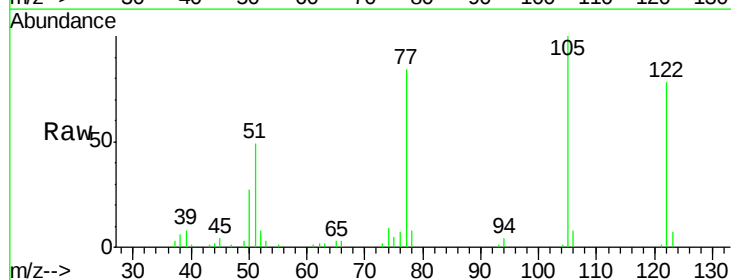
Tgt Ion:122 Resp: 79988

Ion Ratio Lower Upper

122 100

105 128.7 76.1 116.1#

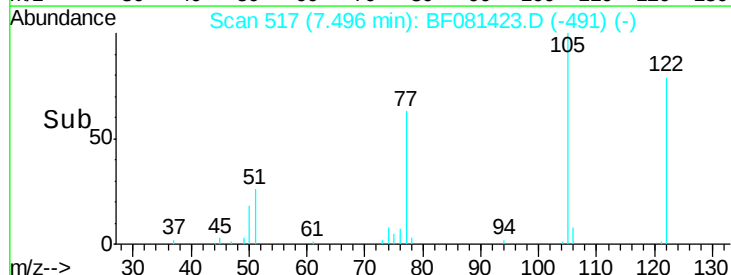
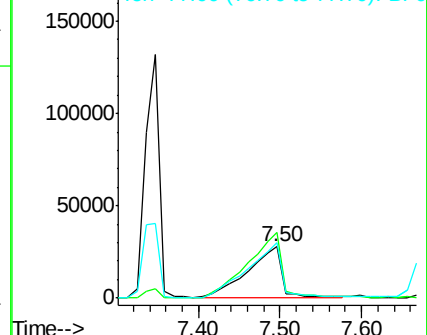
77 107.8 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

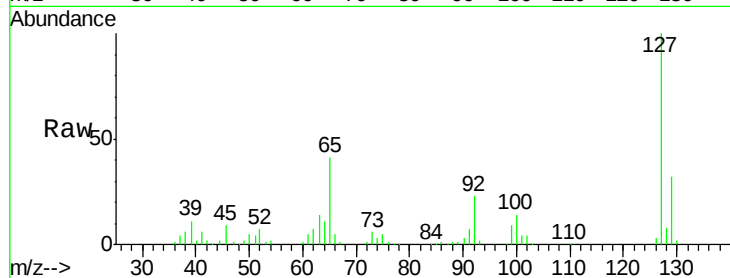




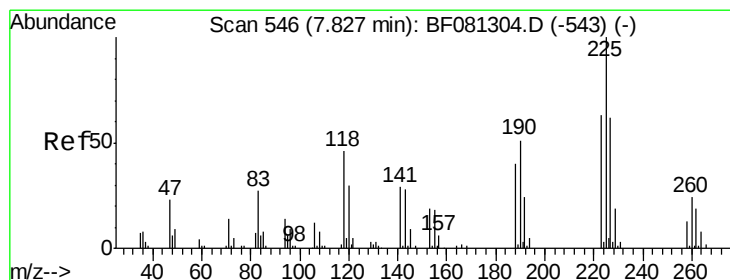
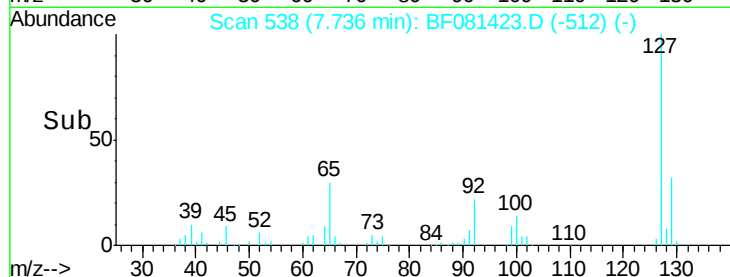
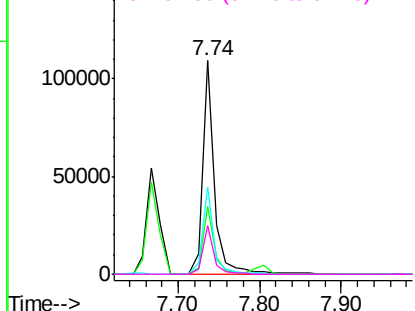
#33
4-Chloroaniline
Concen: 20.60 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tot Ion:127 Resp: 111761
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 40.5 17.9 26.9#
92 22.7 10.5 15.7#

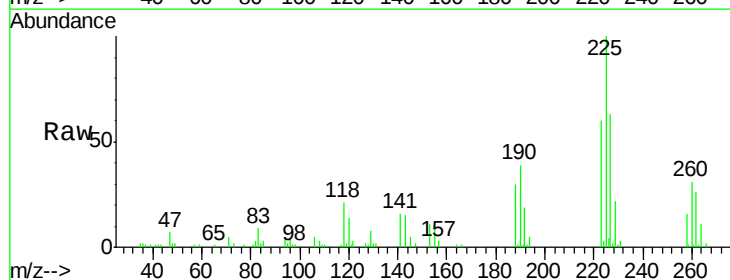


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

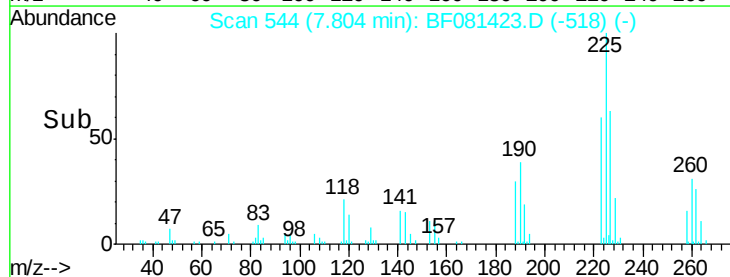
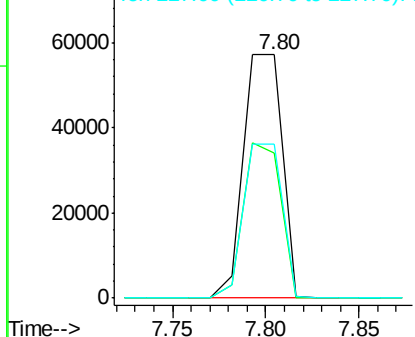


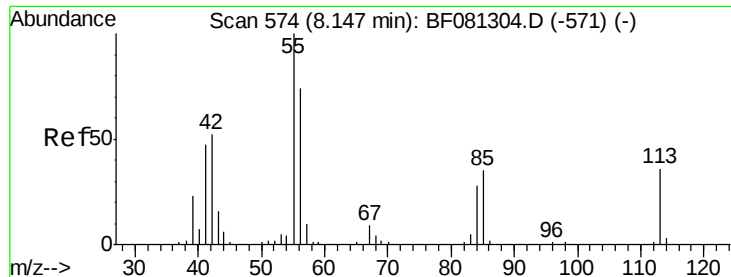
#34
Hexachlorobutadiene
Concen: 35.53 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:225 Resp: 82315
Ion Ratio Lower Upper
225 100
223 59.8 50.2 75.2
227 63.0 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: 27.21 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

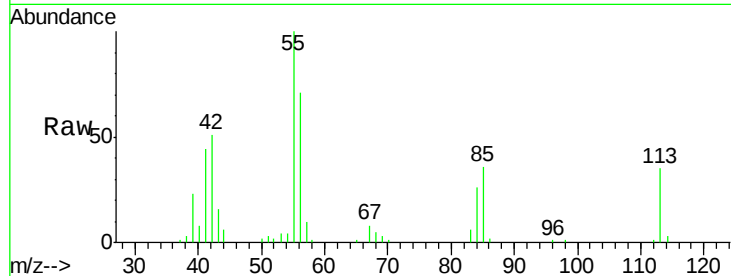
Tot Ion:113 Resp: 29242

Ion Ratio Lower Upper

113 100

55 288.7 152.4 192.4#

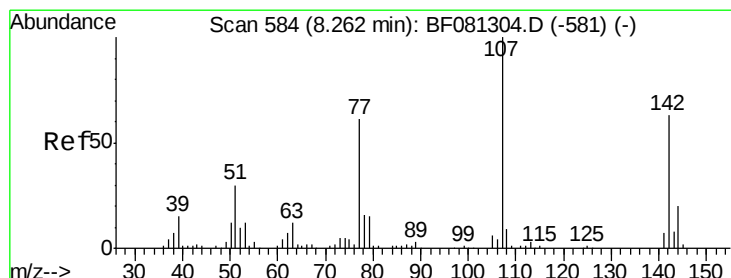
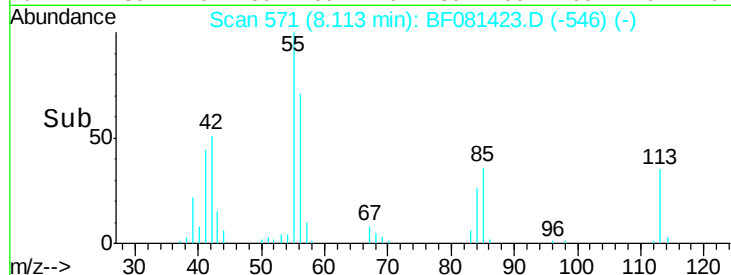
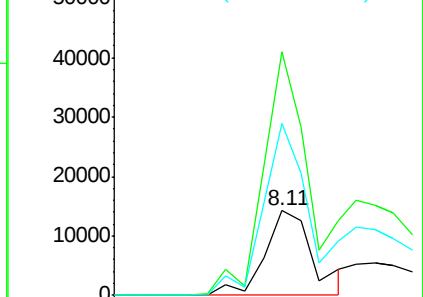
56 203.9 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.06 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

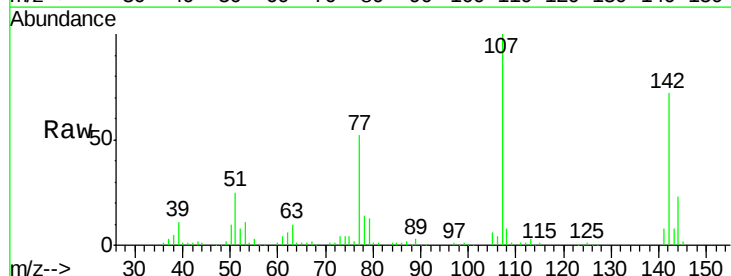
Tgt Ion:107 Resp: 176774

Ion Ratio Lower Upper

107 100

144 22.8 25.4 38.0#

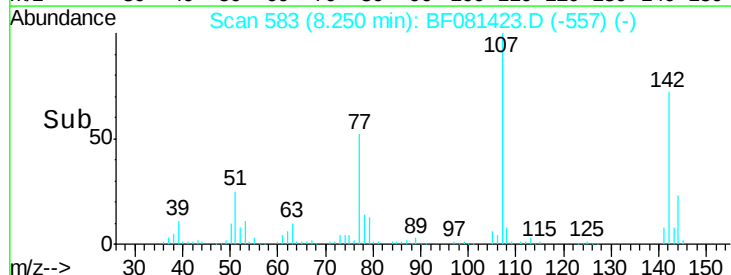
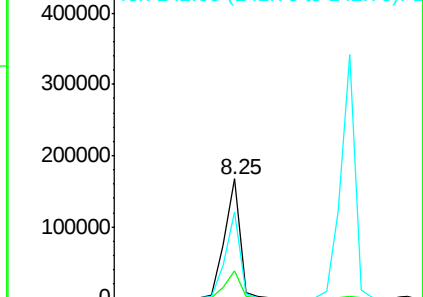
142 72.2 77.3 115.9#

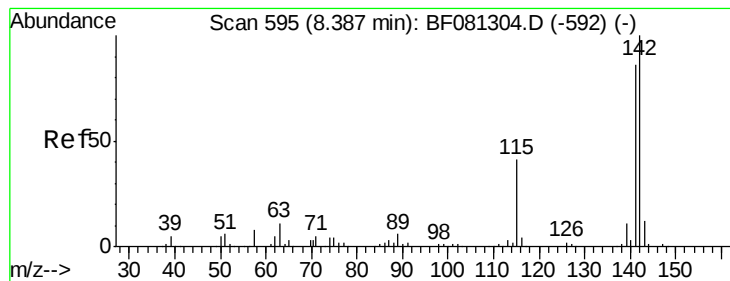


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

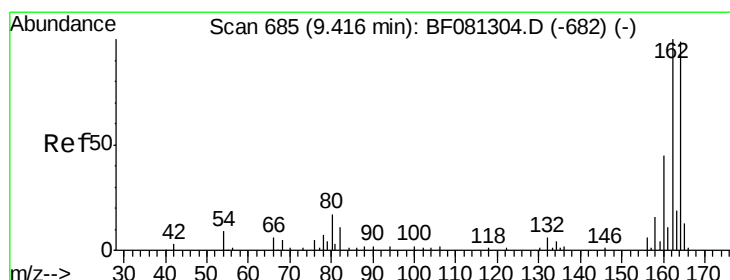
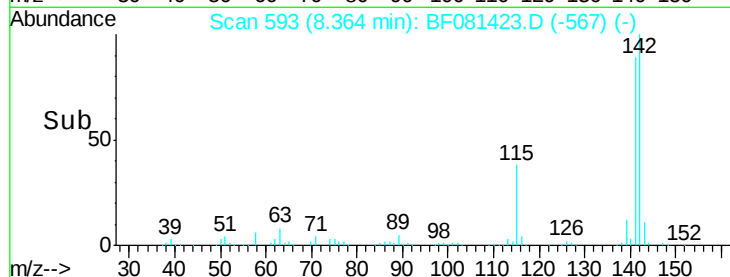
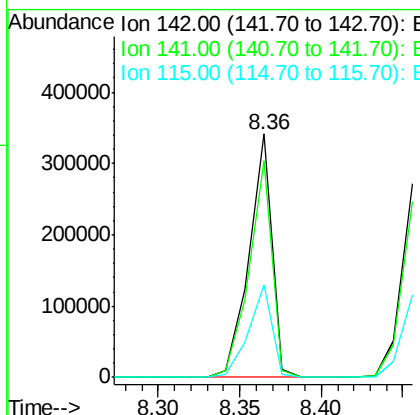
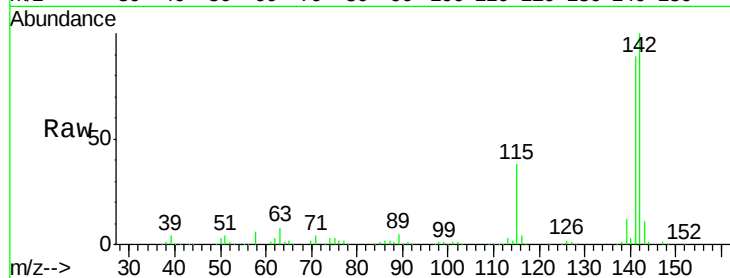




#37
 2-Methylnaphthalene
 Concen: 38.58 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

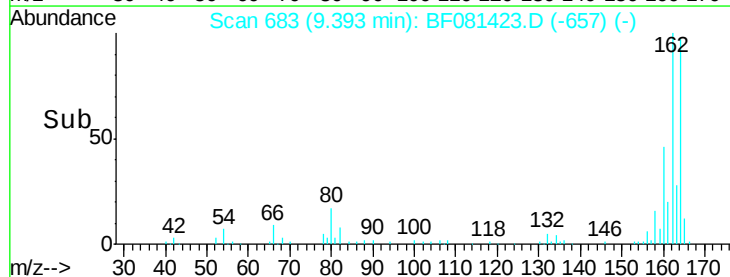
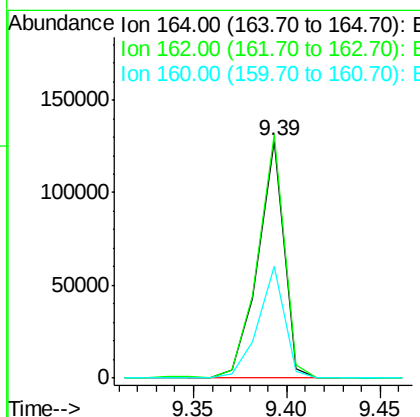
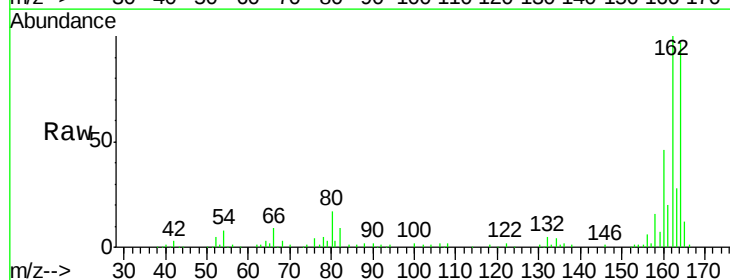
Instrument :
 BNA_F
 ClientSampleID :
 PB85417BS

Tot Ion:142 Resp: 333920
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.5 101.3
 115 38.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:164 Resp: 123585
 Ion Ratio Lower Upper
 164 100
 162 102.6 75.2 112.8
 160 47.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.06 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

Tot Ion:216 Resp: 129231

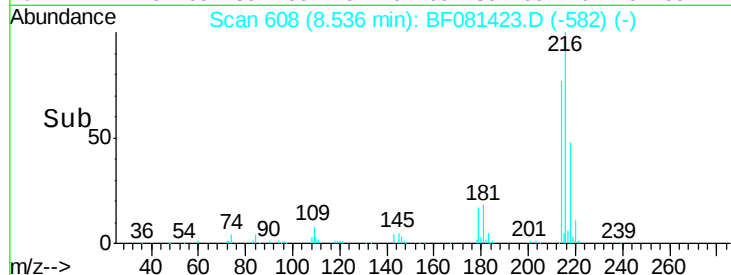
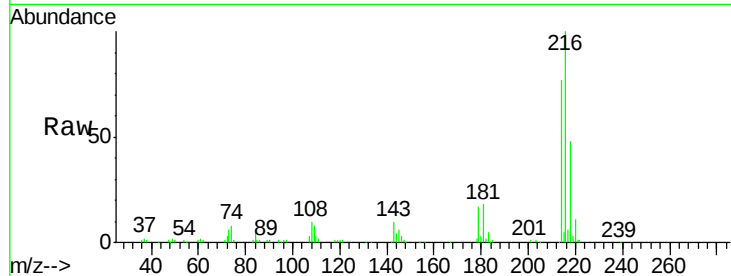
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 21.6 16.6 24.8

108 22.9 16.3 24.5

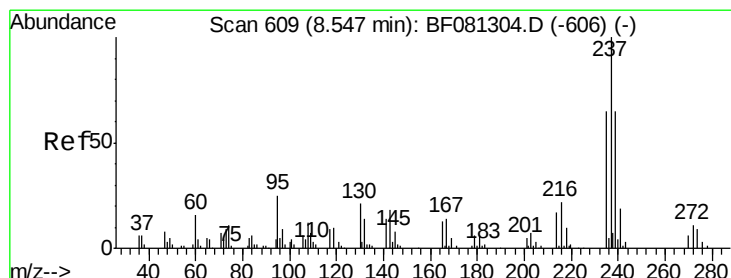
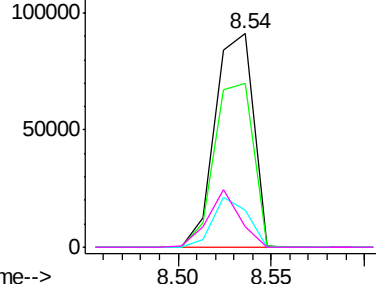


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.42 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

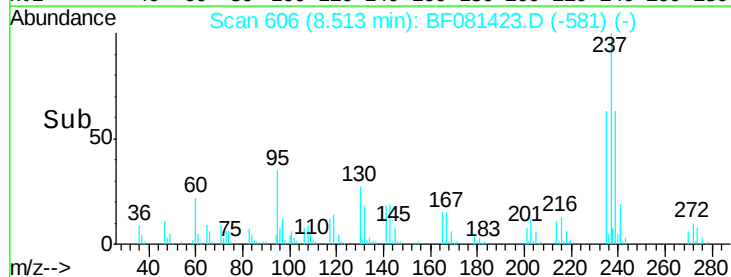
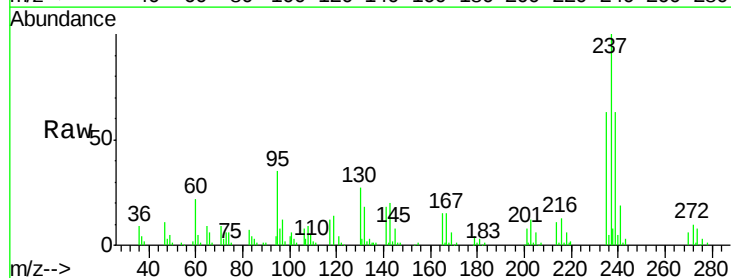
Tgt Ion:237 Resp: 125482

Ion Ratio Lower Upper

237 100

235 62.7 42.0 82.0

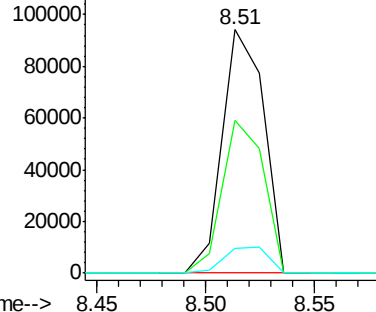
272 10.1 0.0 36.1

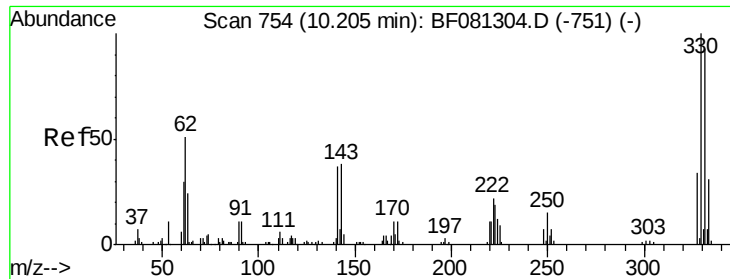


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

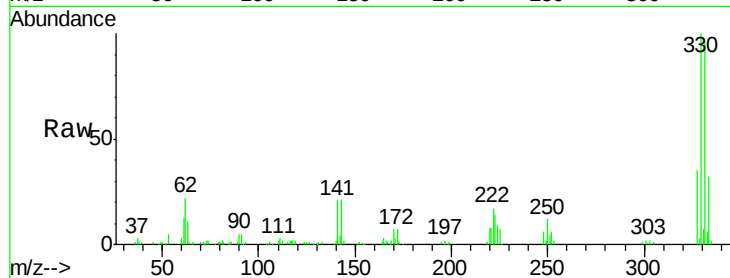




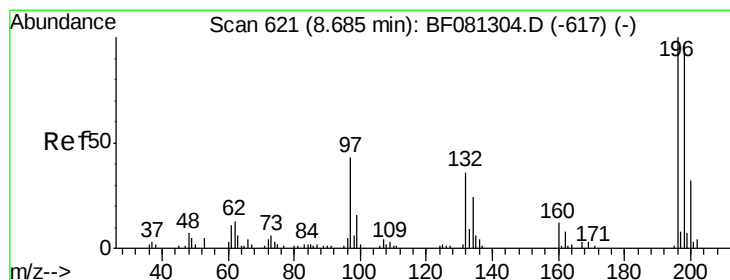
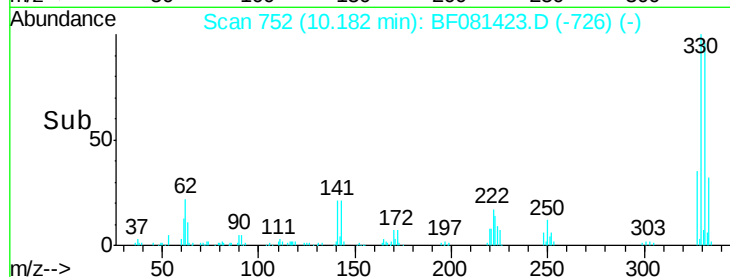
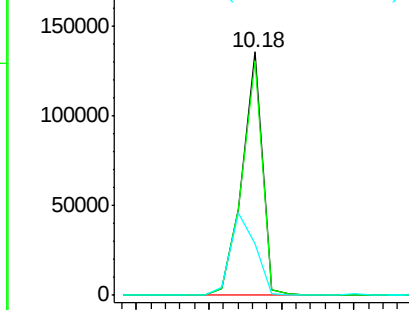
#41
 2,4,6-Tribromophenol
 Concen: 119.23 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:330 Resp: 131199
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 42.2 29.7 44.5

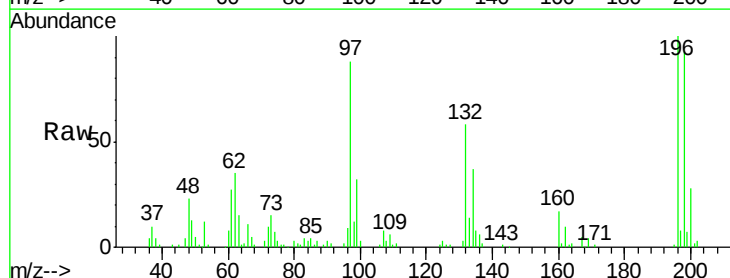


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

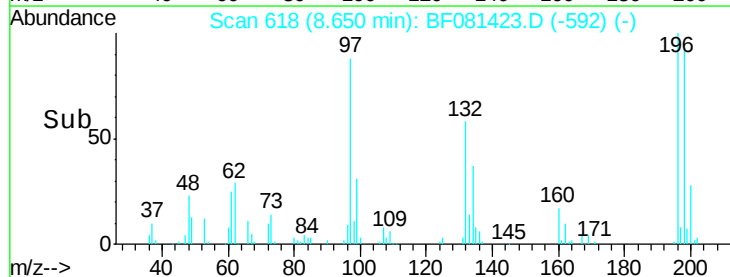
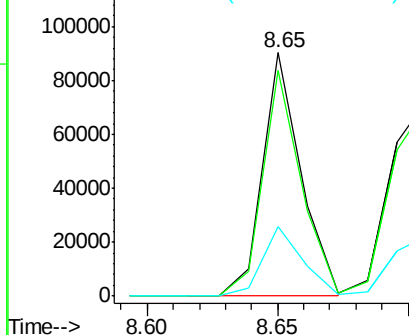


#42
 2,4,6-Trichlorophenol
 Concen: 34.27 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:196 Resp: 92437
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 28.5 23.9 35.9



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

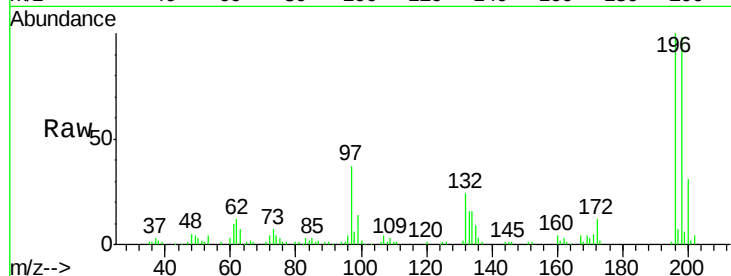




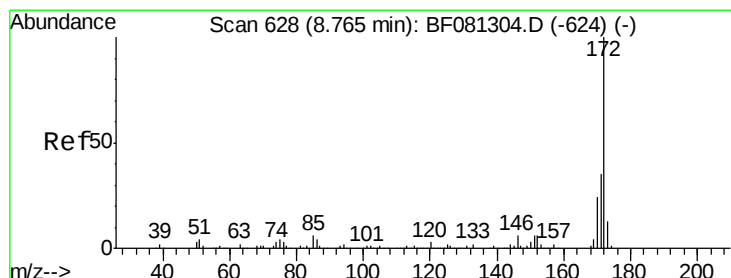
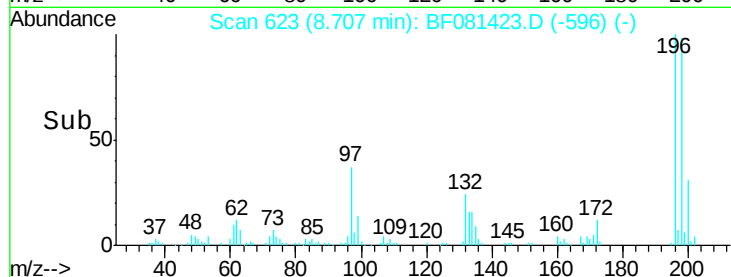
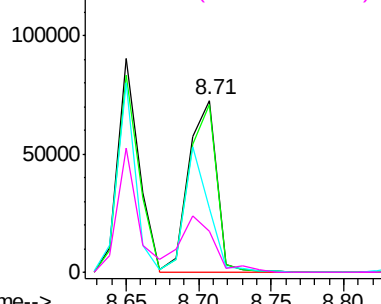
#43
 2,4,5-Trichlorophenol
 Concen: 35.23 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.4	113.0
97	37.0	33.3	49.9
132	24.0	24.6	37.0#

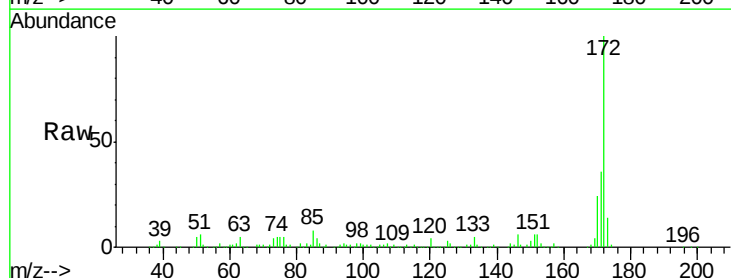


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

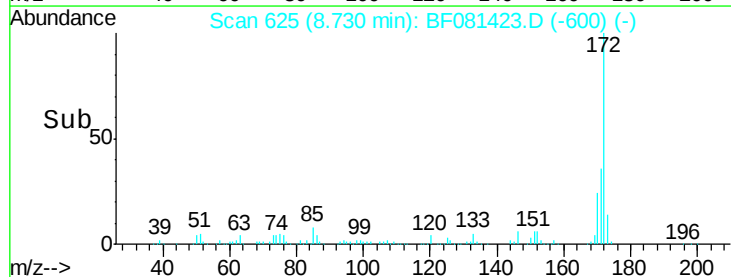
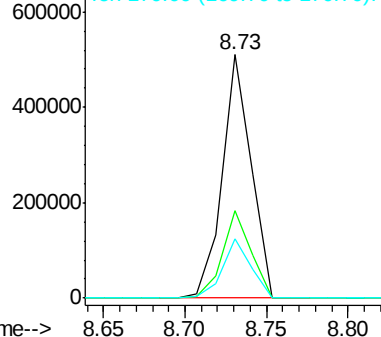


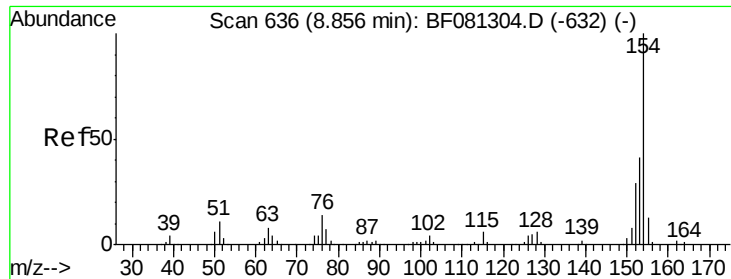
#44
 2-Fluorobiphenyl
 Concen: 64.99 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.3	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

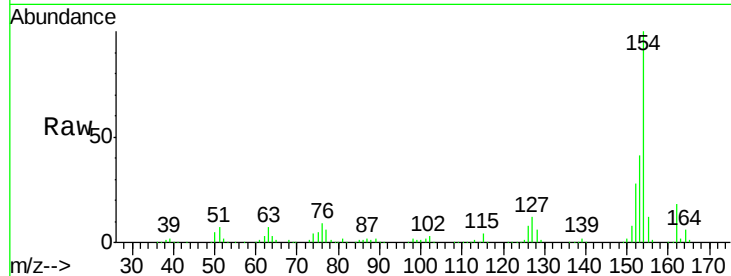




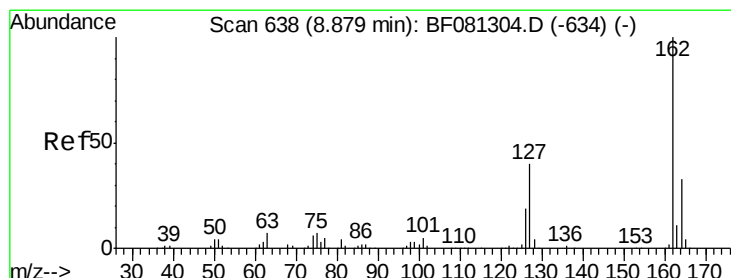
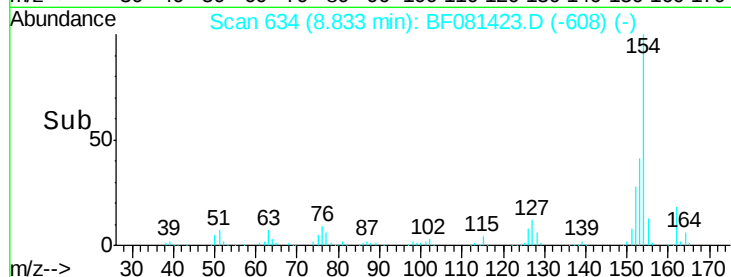
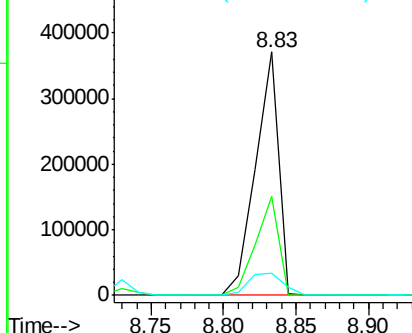
#45
 1,1'-Biphenyl
 Concen: 35.89 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:154 Resp: 408084
 Ion Ratio Lower Upper
 154 100
 153 40.5 17.1 57.1
 76 9.4 0.0 31.6

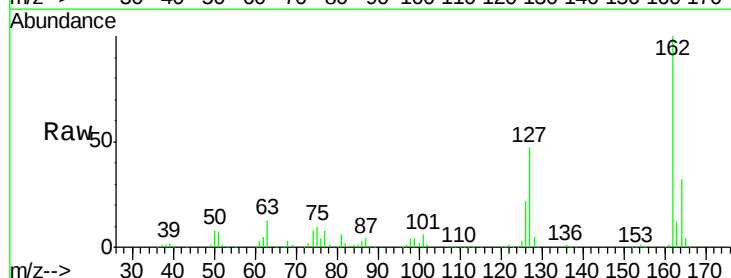


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

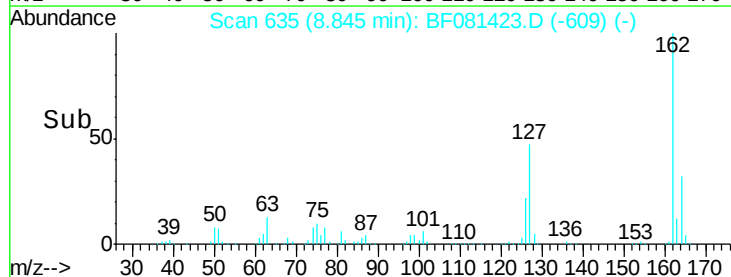
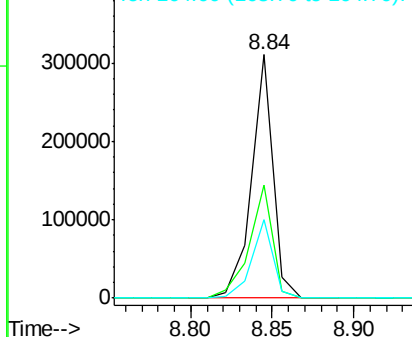


#46
 2-Chloronaphthalene
 Concen: 34.45 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:162 Resp: 282886
 Ion Ratio Lower Upper
 162 100
 127 46.6 27.6 41.4#
 164 32.1 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

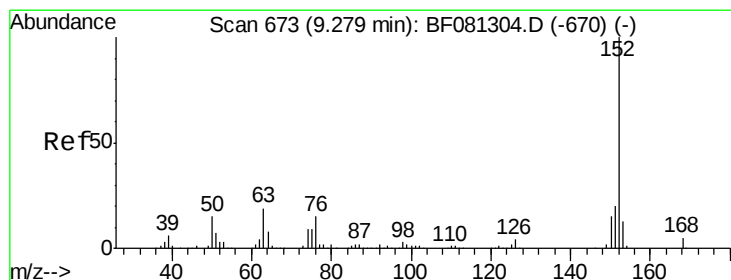
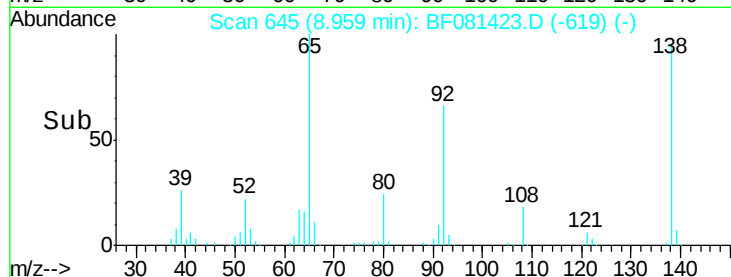
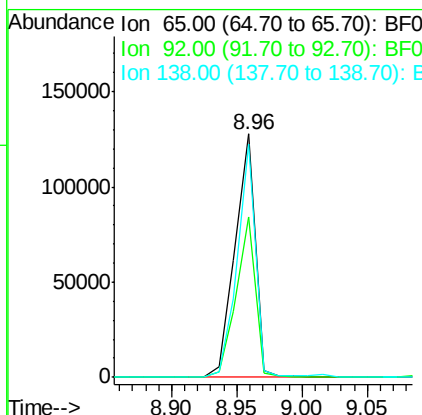
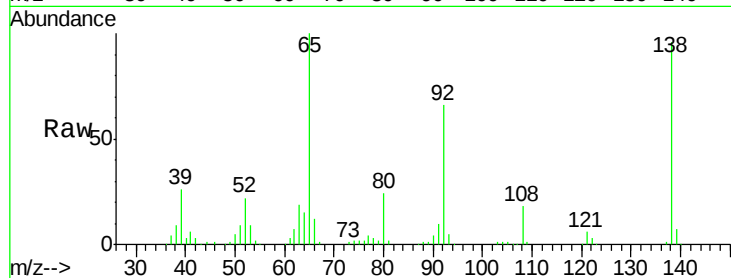




#47
2-Nitroaniline
Concen: 41.03 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

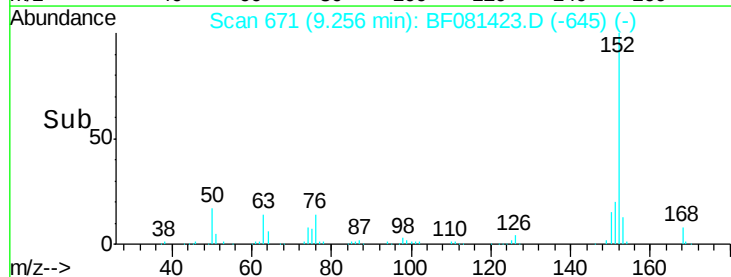
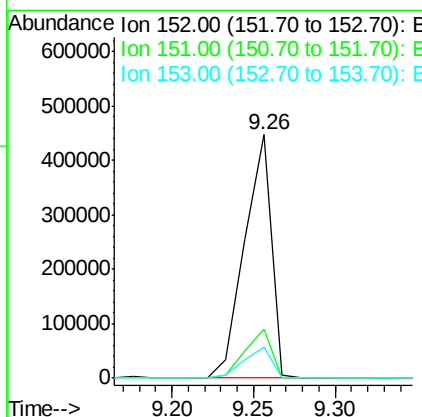
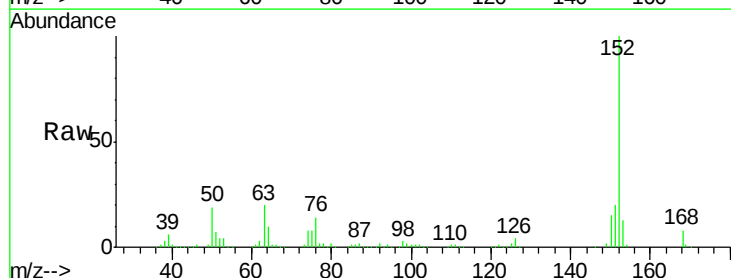
Instrument :
BNA_F
ClientSampleId :
PB85417BS

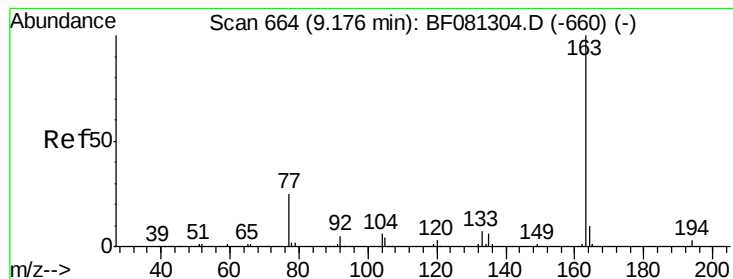
Tot Ion: 65 Resp: 137293
Ion Ratio Lower Upper
65 100
92 65.7 55.4 83.0
138 95.9 115.5 173.3#



#48
Acenaphthylene
Concen: 34.96 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion: 152 Resp: 509307
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 12.8 10.3 15.5





#49

Dimethylphthalate

Concen: 38.51 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

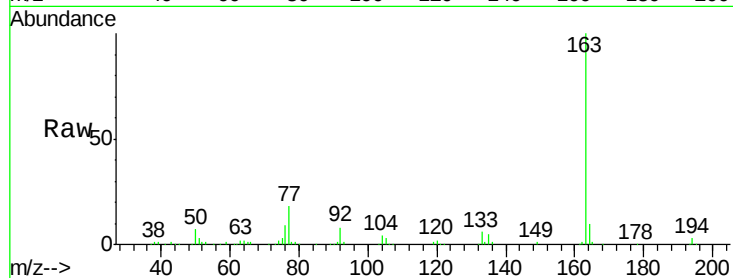
Tot Ion:163 Resp: 369788

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

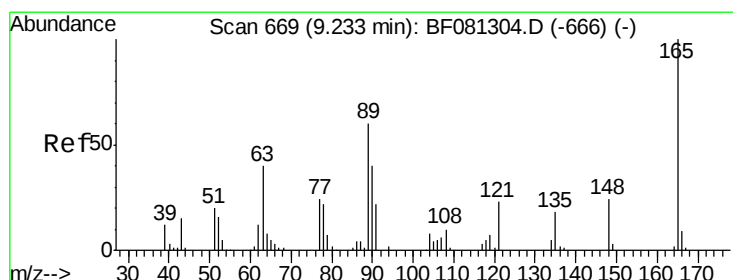
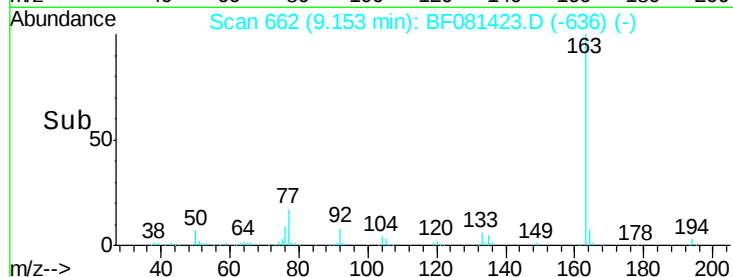
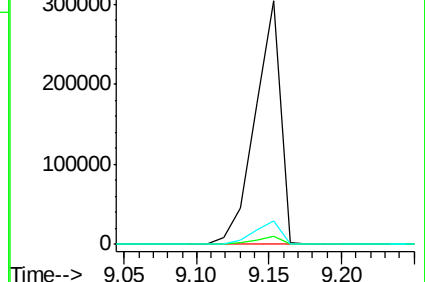
164 9.8 8.3 12.5



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: 31.71 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

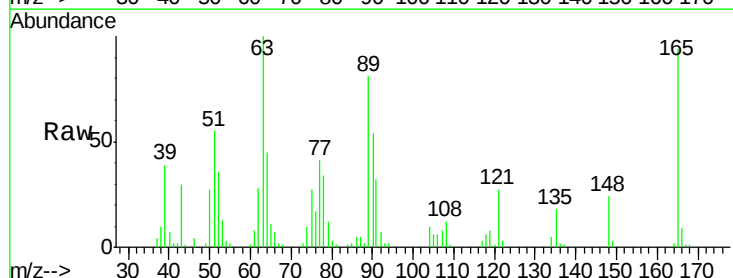
Tgt Ion:165 Resp: 69113

Ion Ratio Lower Upper

165 100

63 106.1 32.3 48.5#

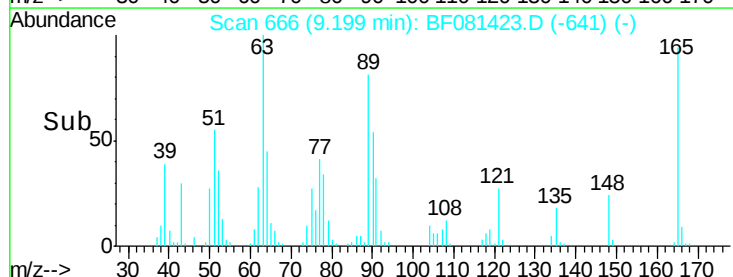
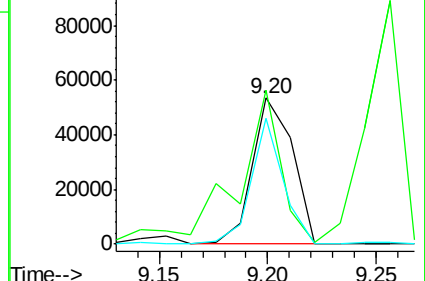
89 86.4 28.6 43.0#

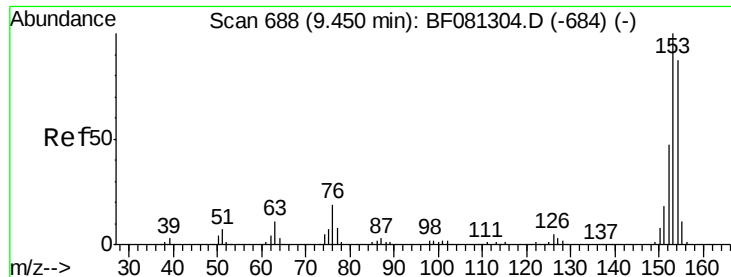


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

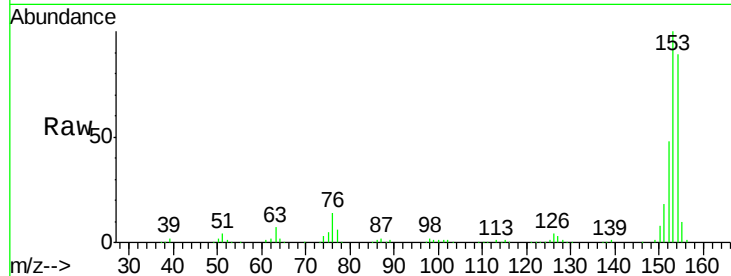




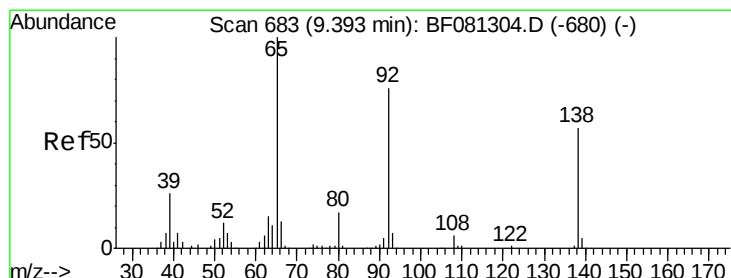
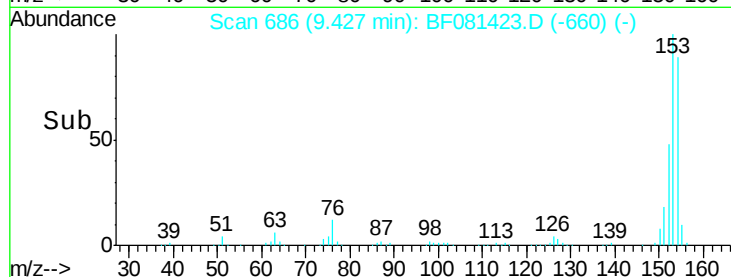
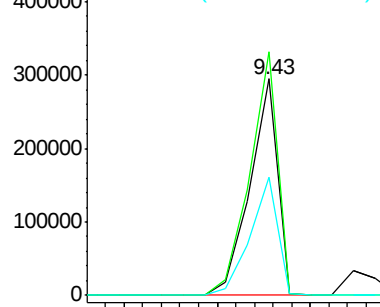
#51
Acenaphthene
Concen: 36.82 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tot Ion:154 Resp: 305155
Ion Ratio Lower Upper
154 100
153 112.7 82.1 123.1
152 54.4 37.9 56.9

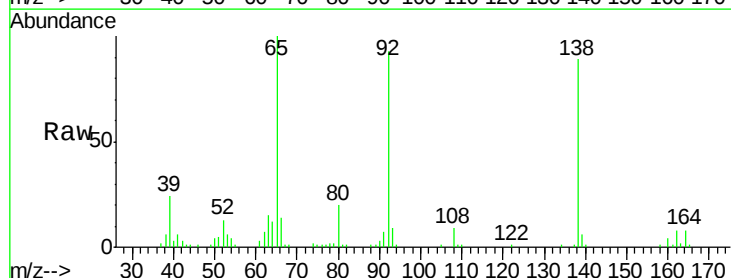


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

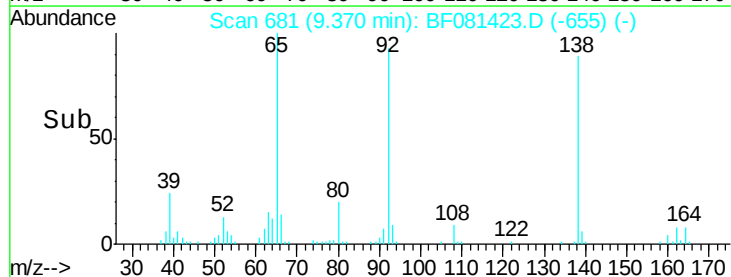
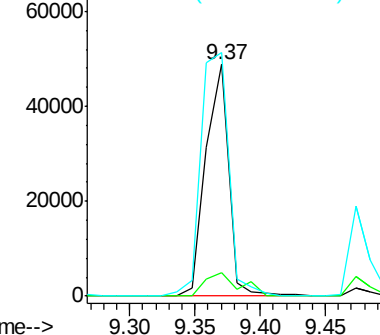


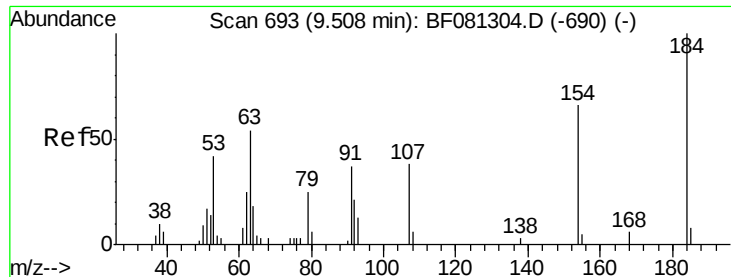
#52
3-Nitroaniline
Concen: 24.06 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:138 Resp: 59695
Ion Ratio Lower Upper
138 100
108 9.9 5.7 8.5#
92 105.0 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

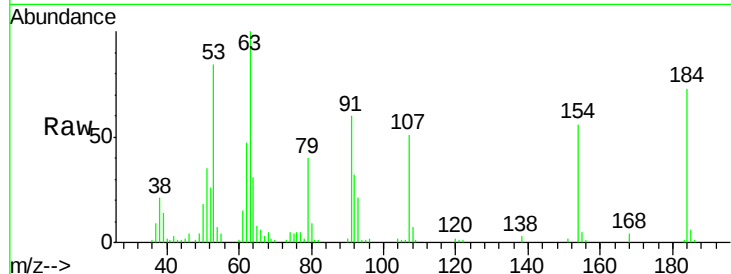




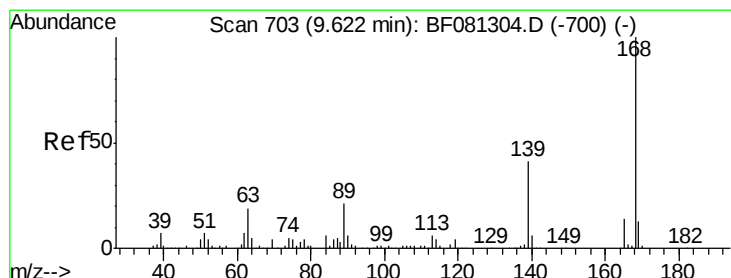
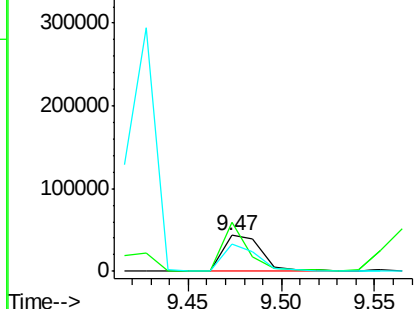
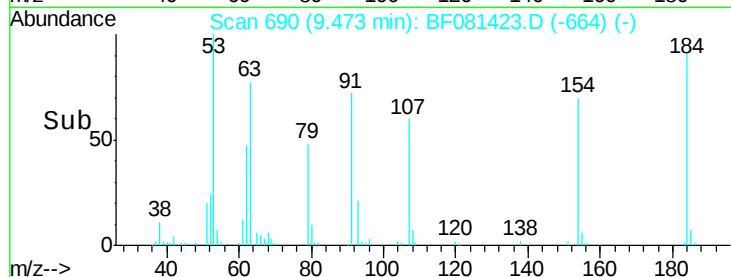
#53
 2,4-Dinitrophenol
 Concen: 68.77 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:184 Resp: 63125
 Ion Ratio Lower Upper
 184 100
 63 136.4 35.4 53.2#
 154 76.9 32.2 48.4#

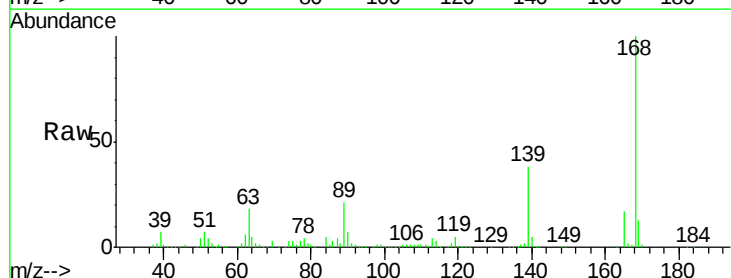


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

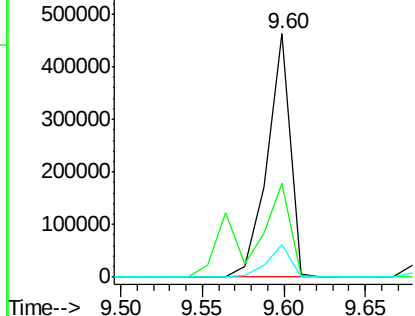
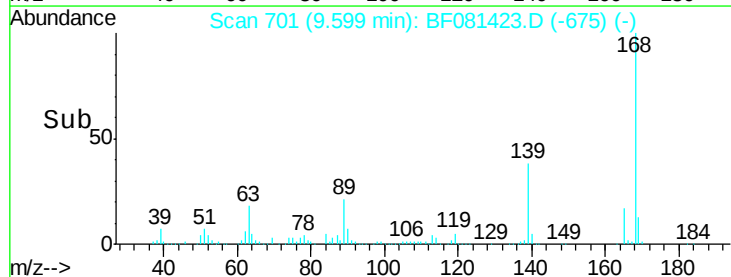


#54
 Dibenzofuran
 Concen: 37.54 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:168 Resp: 454241
 Ion Ratio Lower Upper
 168 100
 139 38.5 24.2 36.2#
 169 13.1 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

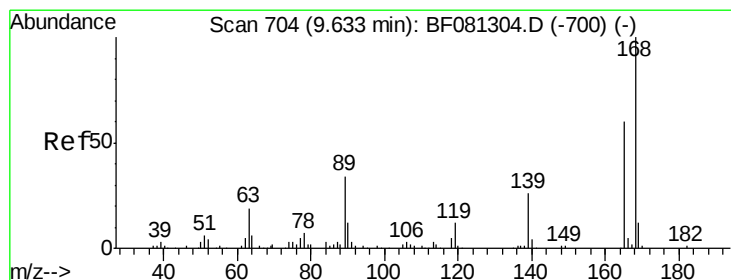
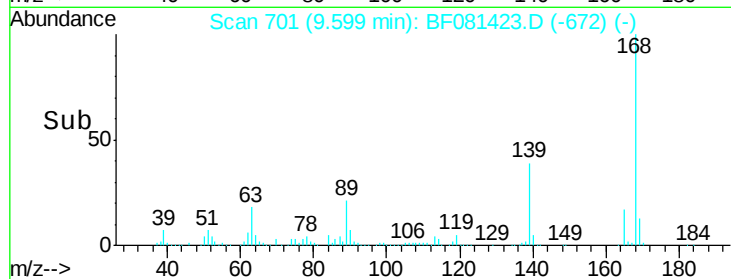
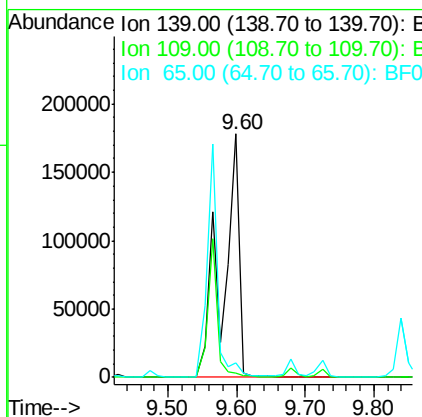
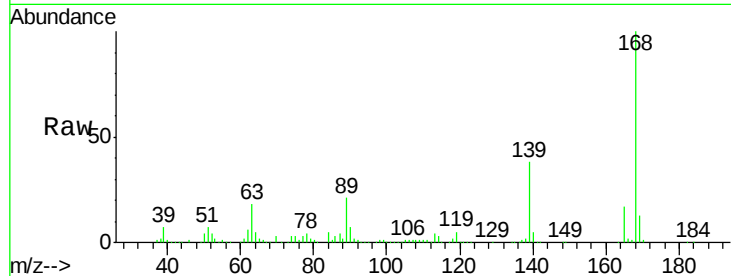




#55
4-Nitrophenol
Concen: 193.21 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

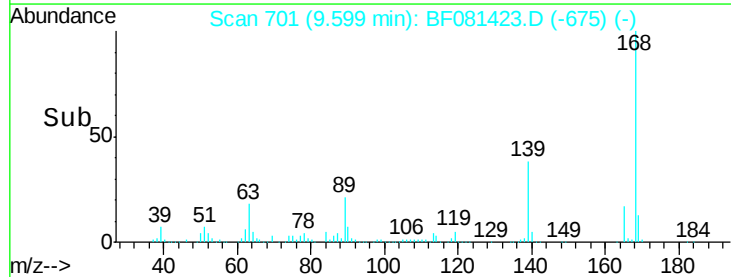
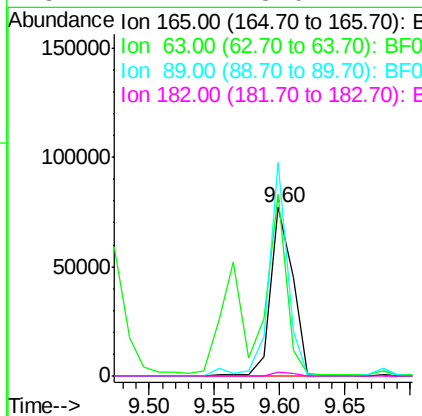
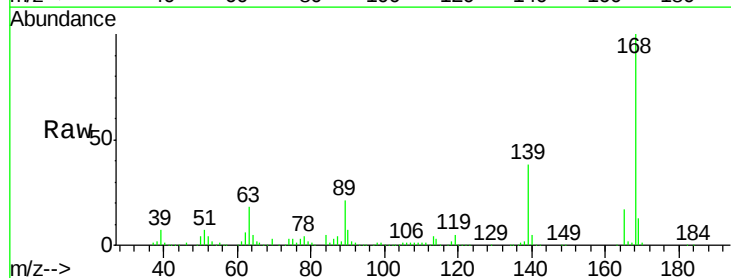
Instrument :
BNA_F
ClientSampleId :
PB85417BS

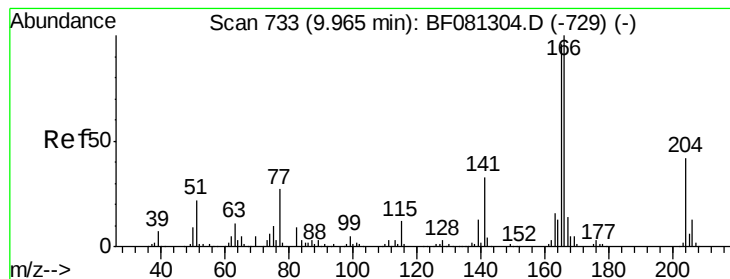
Tot Ion:139 Resp: 301147
Ion Ratio Lower Upper
139 100
109 1.7 12.7 52.7#
65 6.2 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 33.06 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:165 Resp: 91729
Ion Ratio Lower Upper
165 100
63 107.5 29.8 44.6#
89 126.6 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 34.25 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

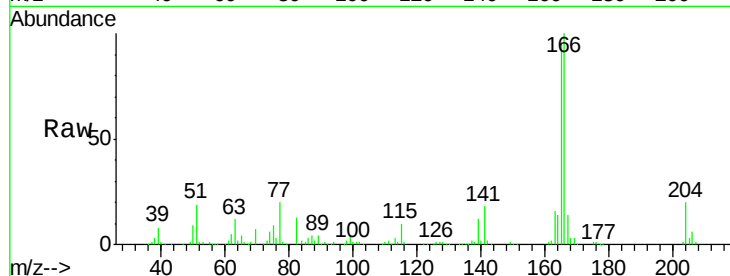
Tot Ion:166 Resp: 314483

Ion Ratio Lower Upper

166 100

165 96.3 72.6 109.0

167 13.8 10.6 16.0

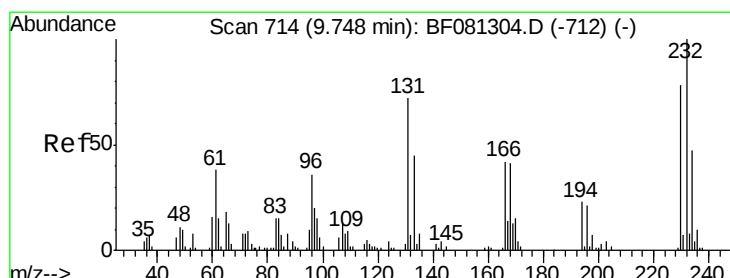
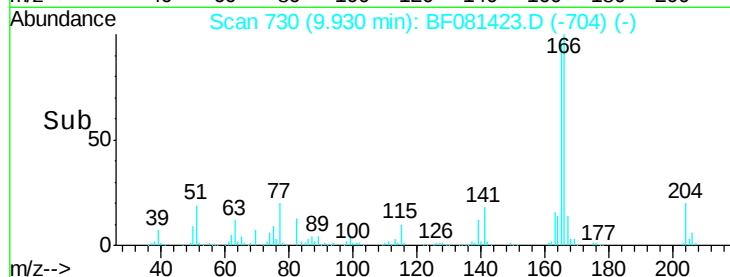
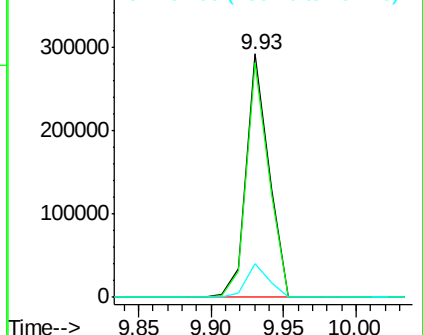


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.09 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion:232 Resp: 82136

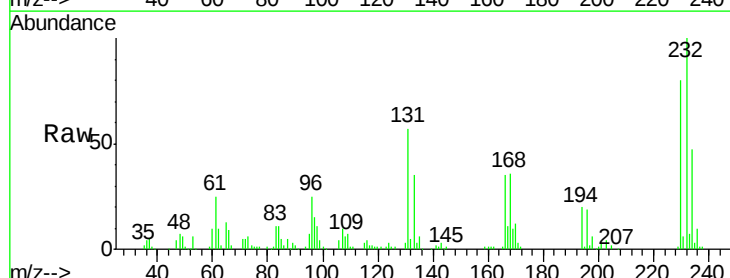
Ion Ratio Lower Upper

232 100

131 57.1 38.5 57.7

130 2.5 1.8 2.6

166 34.4 25.0 37.6



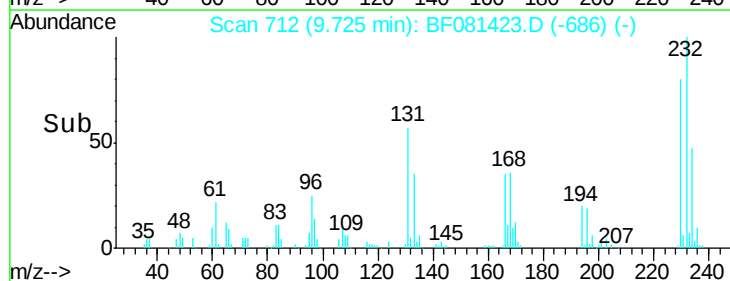
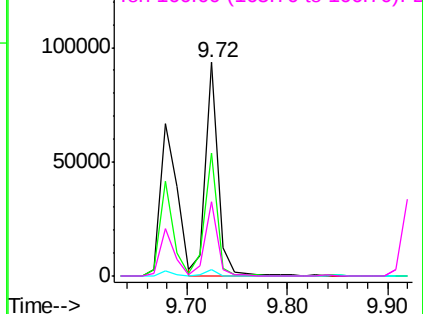
Abundance

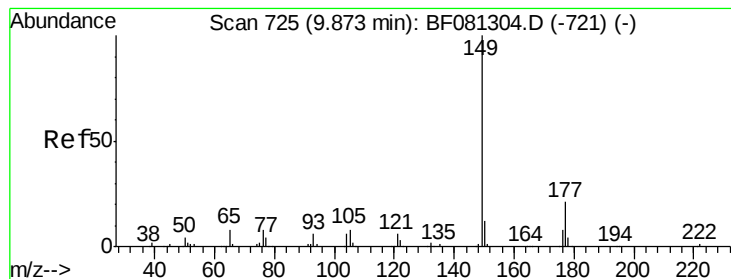
Ion 232.00 (231.70 to 232.70): E

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: 34.52 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

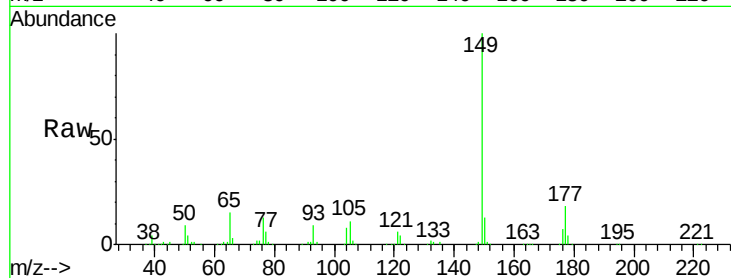
Tot Ion:149 Resp: 348679

Ion Ratio Lower Upper

149 100

177 18.2 17.5 26.3

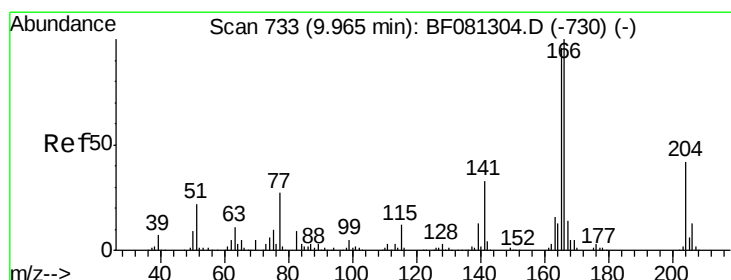
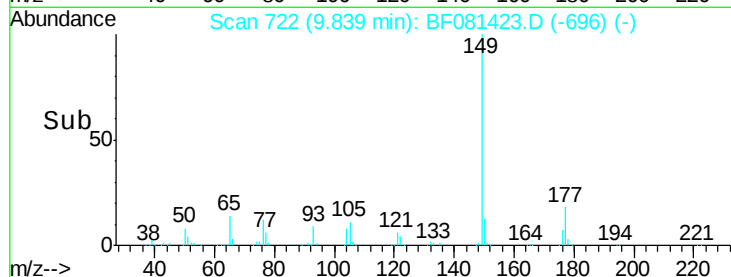
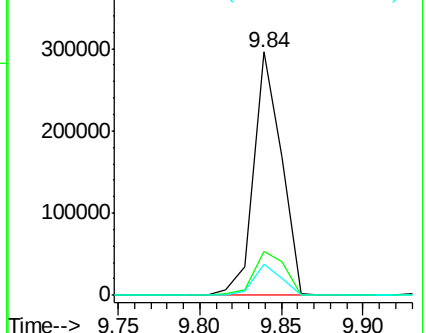
150 12.6 9.4 14.2



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: 38.36 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

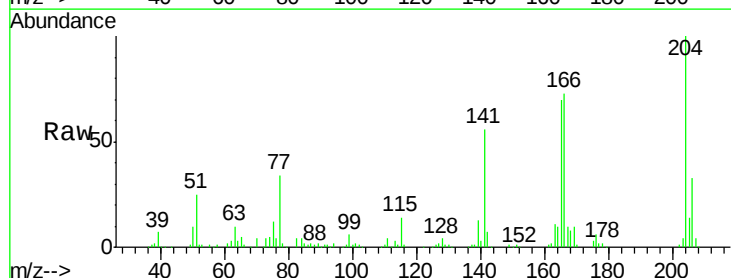
Tgt Ion:204 Resp: 164176

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

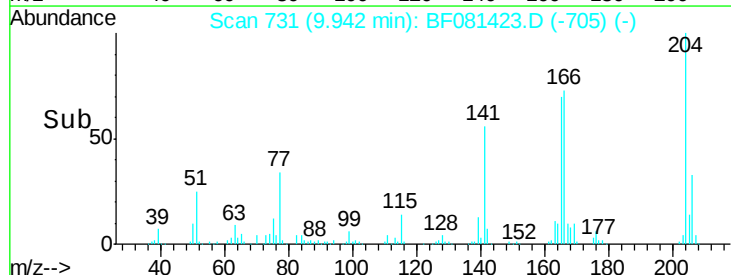
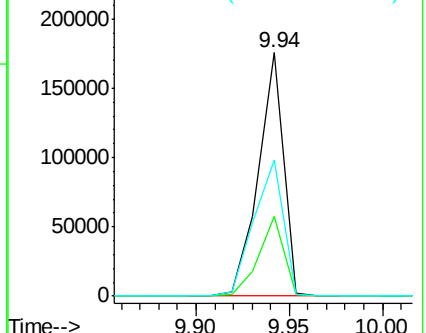
141 56.1 42.2 63.4



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: 31.15 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

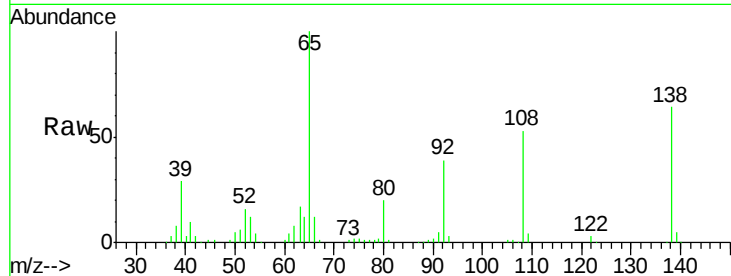
Tot Ion:138 Resp: 78069

Ion Ratio Lower Upper

138 100

92 61.0 12.6 52.6#

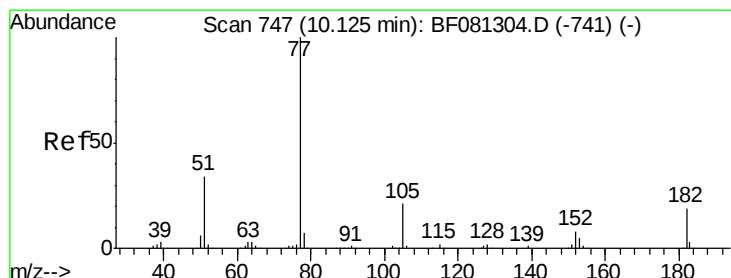
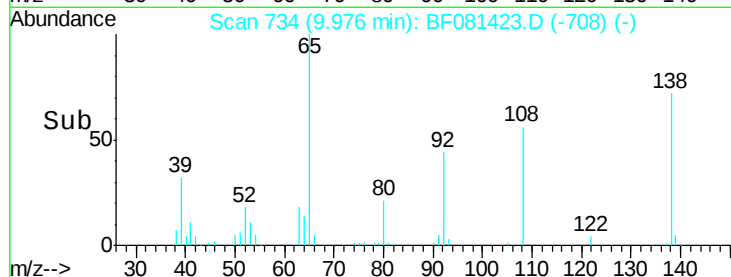
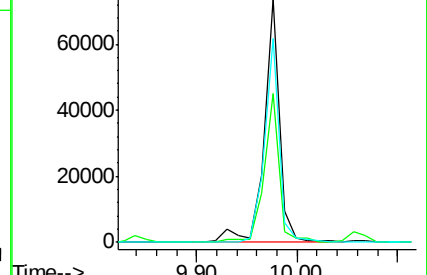
108 83.7 12.4 52.4#



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: 38.18 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Tgt Ion: 77 Resp: 428691

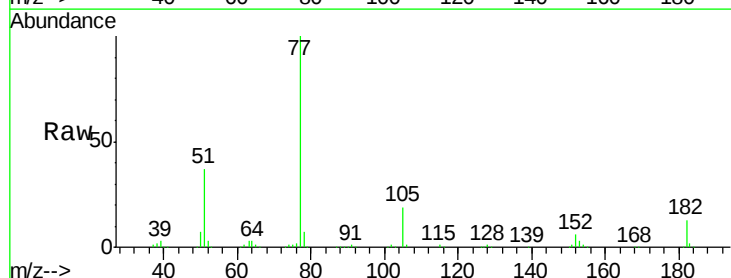
Ion Ratio Lower Upper

77 100

182 13.2 15.1 55.1#

105 19.1 3.4 43.4

51 37.3 12.0 52.0

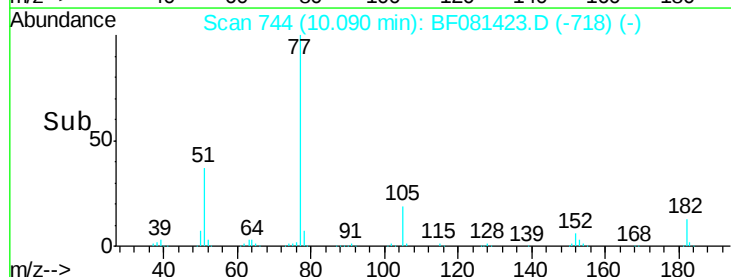
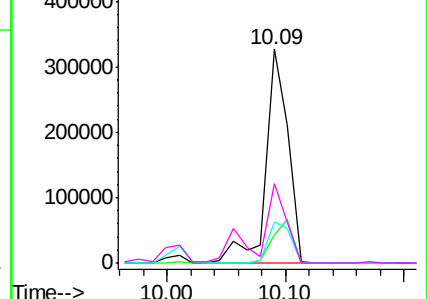


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

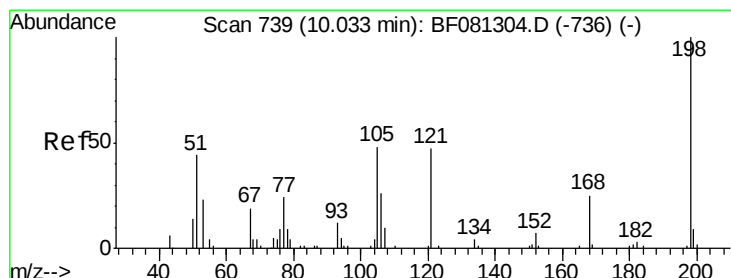
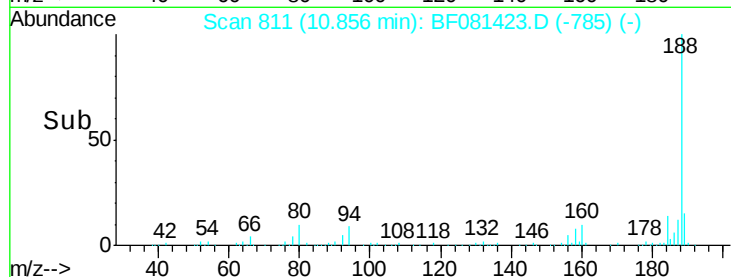
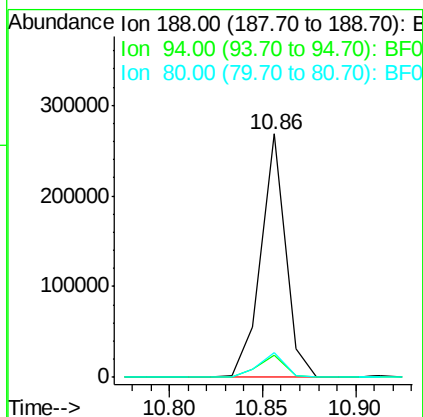
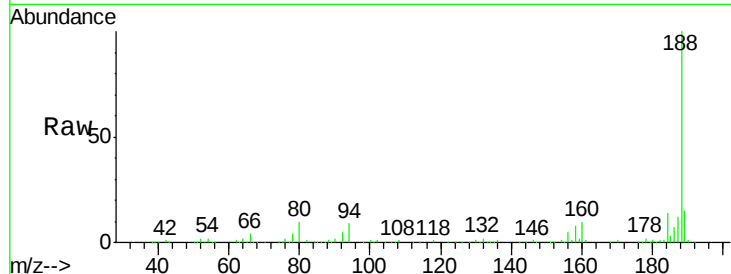




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

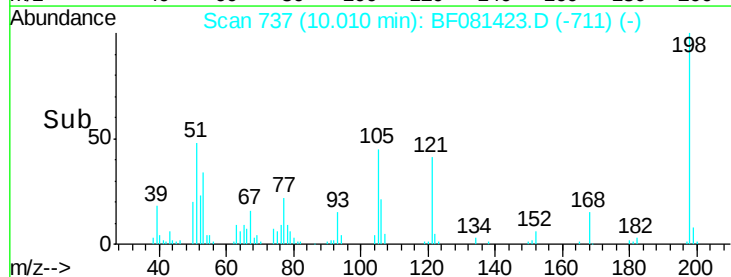
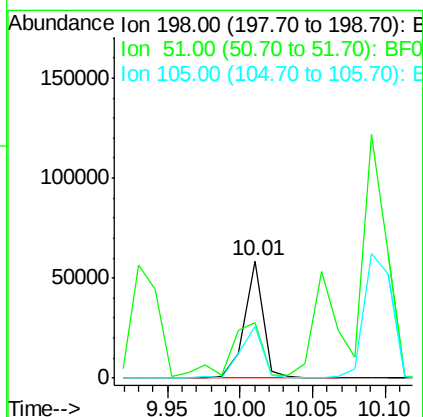
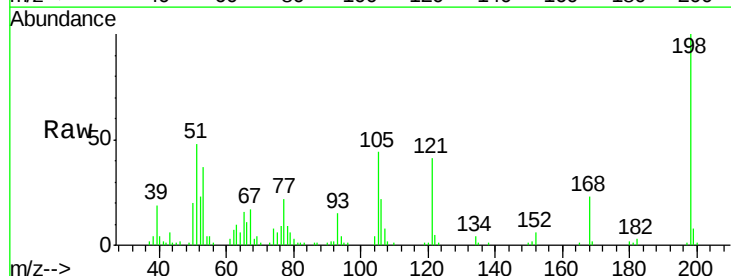
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

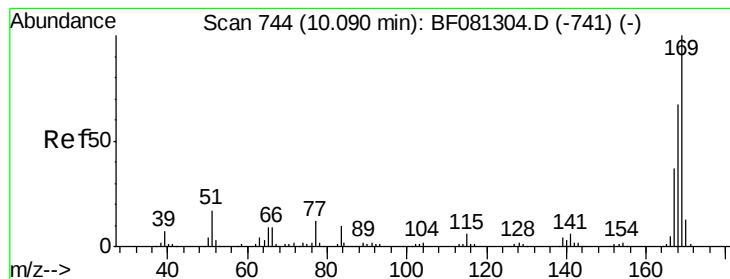
Tot Ion:188 Resp: 246139
 Ion Ratio Lower Upper
 188 100
 94 9.0 11.1 16.7#
 80 10.0 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.99 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:198 Resp: 52297
 Ion Ratio Lower Upper
 198 100
 51 47.7 39.6 79.6
 105 44.0 28.5 68.5

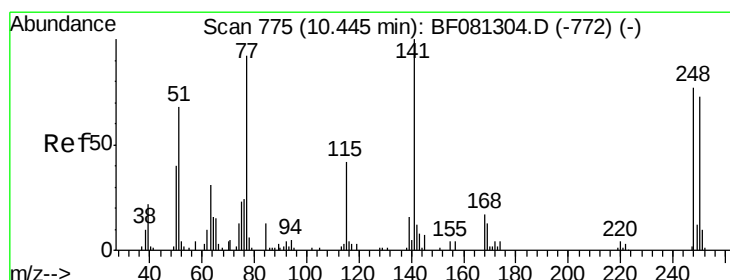
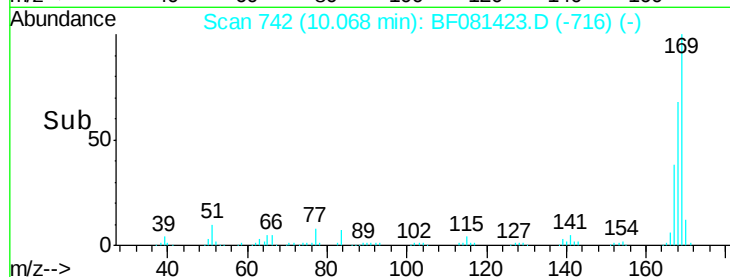
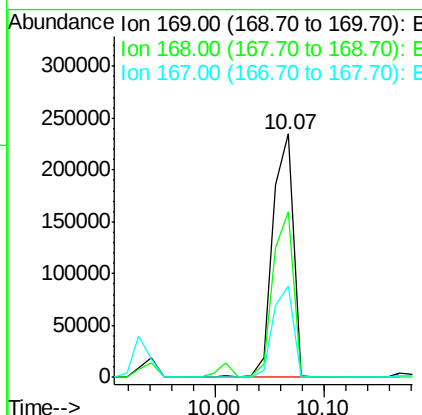
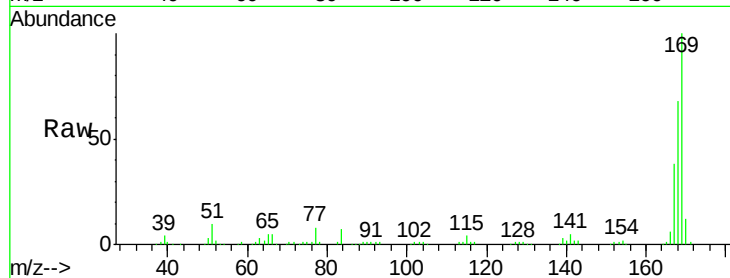




#65
 n-Nitrosodiphenylamine
 Concen: 34.08 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

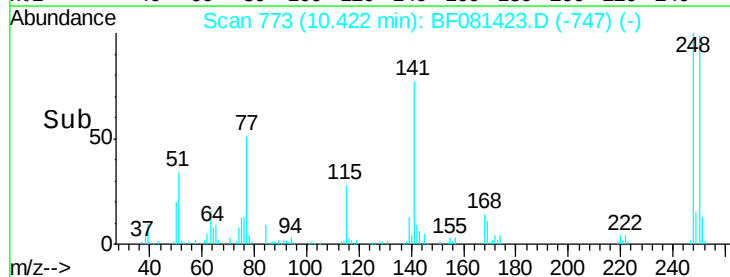
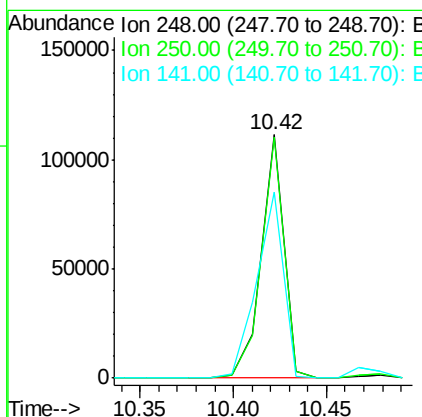
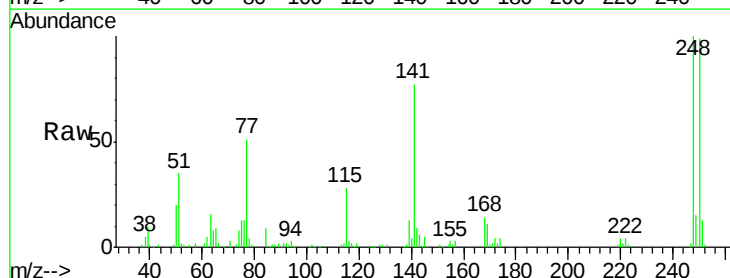
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:169 Resp: 305247
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 37.6 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.44 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:248 Resp: 93187
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.5 117.7
 141 76.6 59.0 88.6

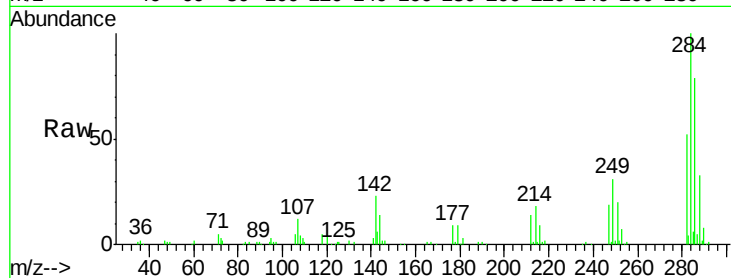




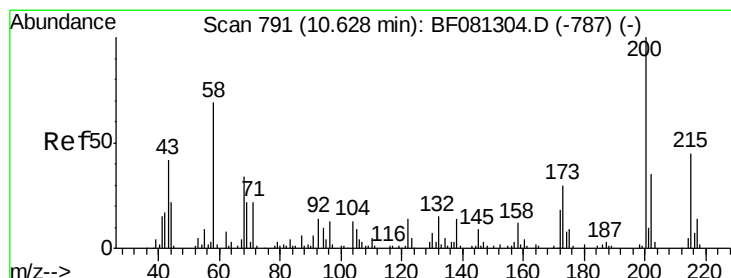
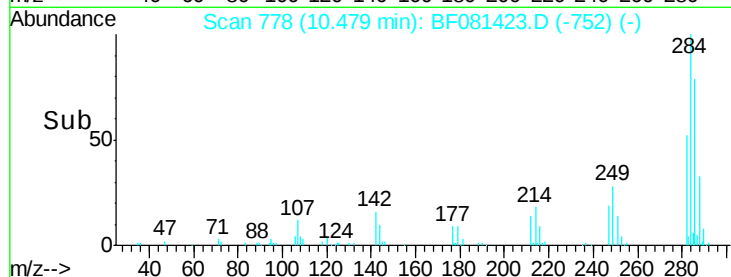
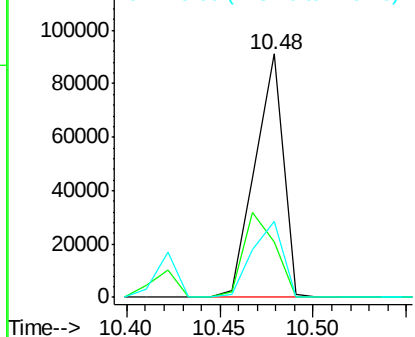
#67
Hexachlorobenzene
Concen: 36.79 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tot Ion:284 Resp: 95722
Ion Ratio Lower Upper
284 100
142 22.8 29.5 44.3#
249 31.1 19.5 29.3#

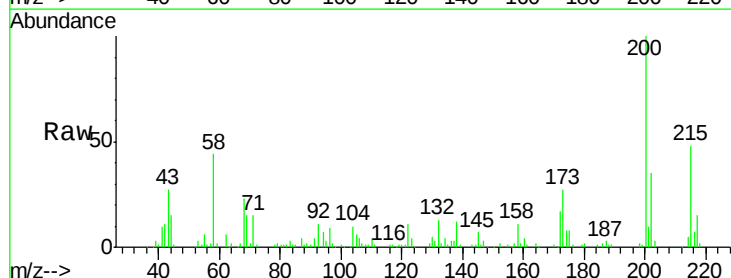


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

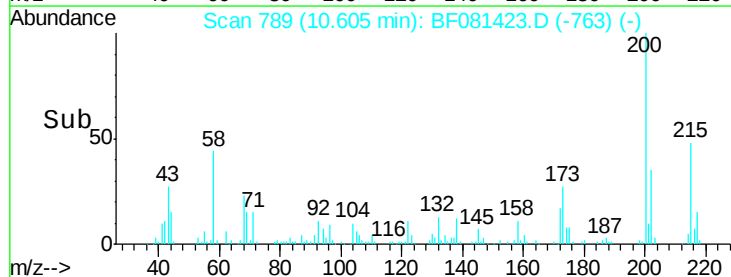
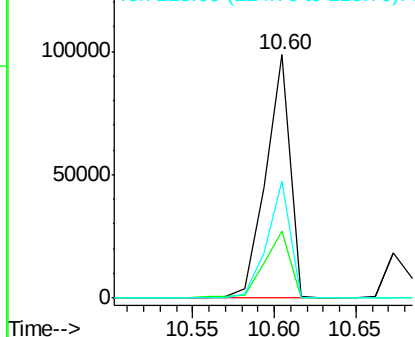


#68
Atrazine
Concen: 39.33 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:200 Resp: 101942
Ion Ratio Lower Upper
200 100
173 27.3 13.2 53.2
215 48.1 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

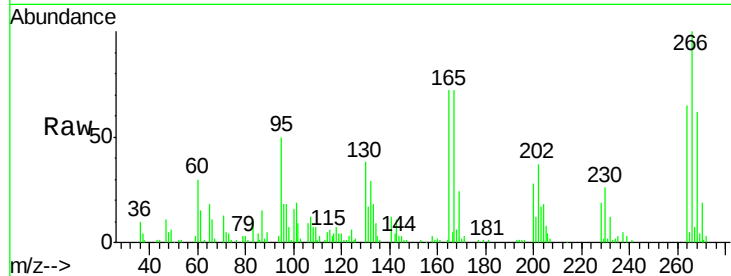




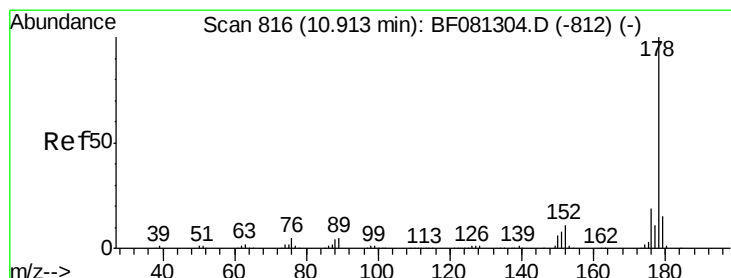
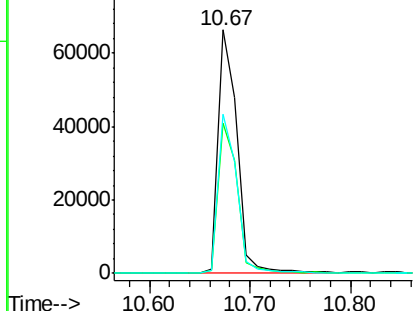
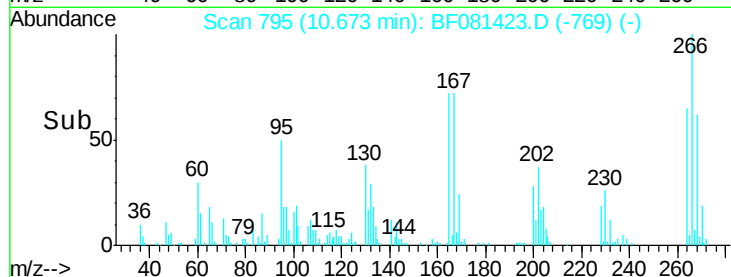
#69
 Pentachlorophenol
 Concen: 69.69 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:266 Resp: 86684
 Ion Ratio Lower Upper
 266 100
 268 61.8 49.8 74.6
 264 65.5 50.2 75.2

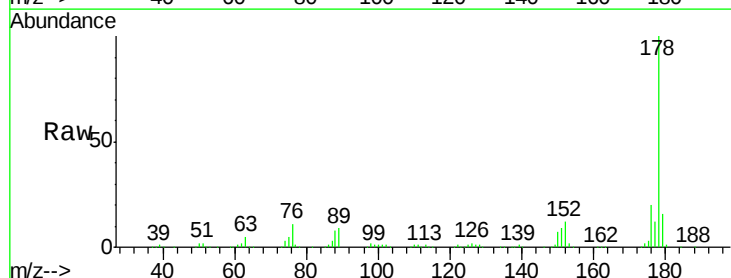


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

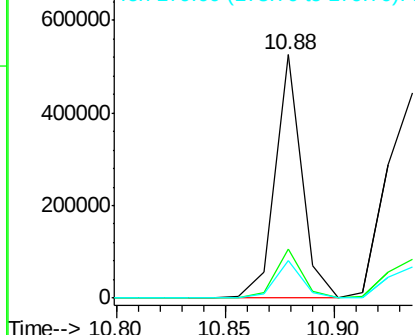
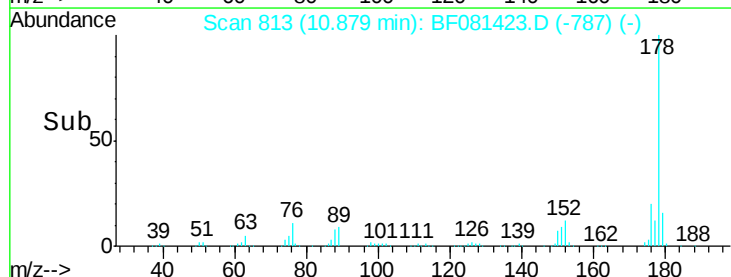


#70
 Phenanthrene
 Concen: 33.05 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:178 Resp: 452208
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.6 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

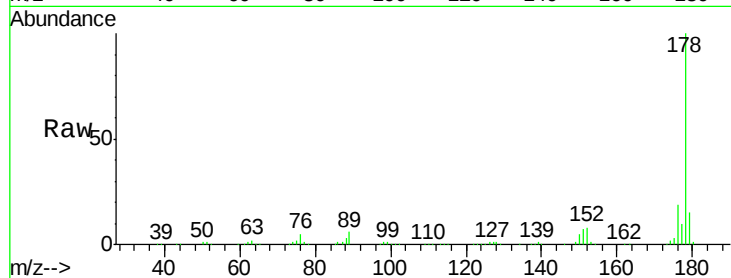




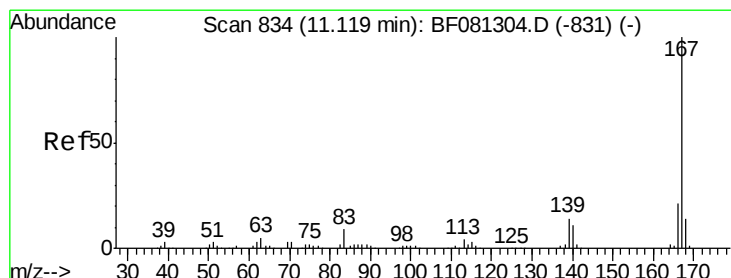
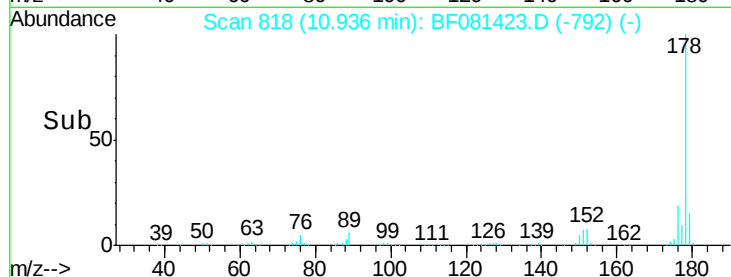
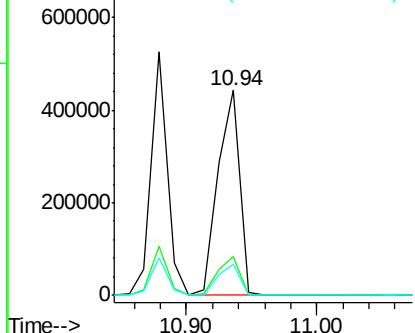
#71
 Anthracene
 Concen: 36.64 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:178 Resp: 515145
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 15.3 12.2 18.2

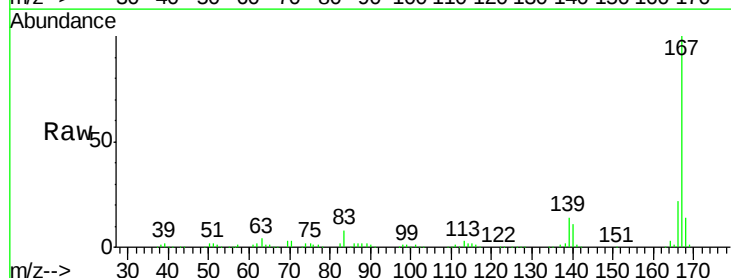


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

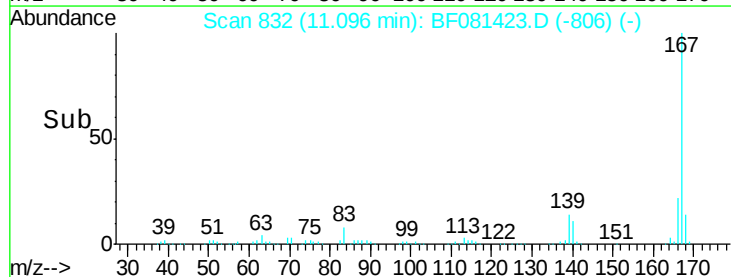
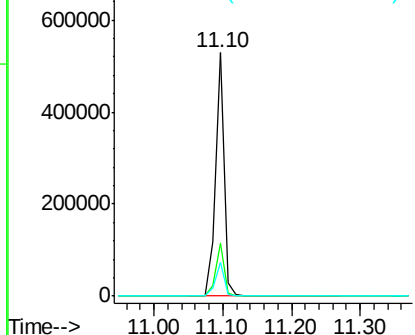


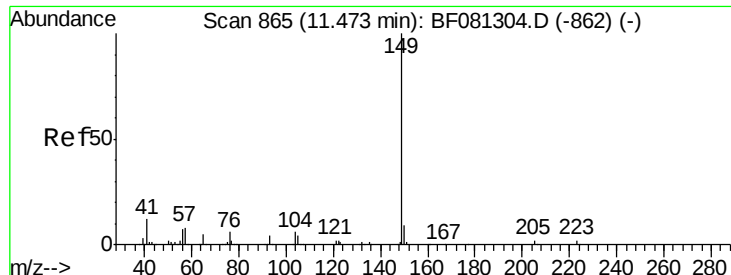
#72
 Carbazole
 Concen: 35.73 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:167 Resp: 471305
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.9 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: 38.44 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

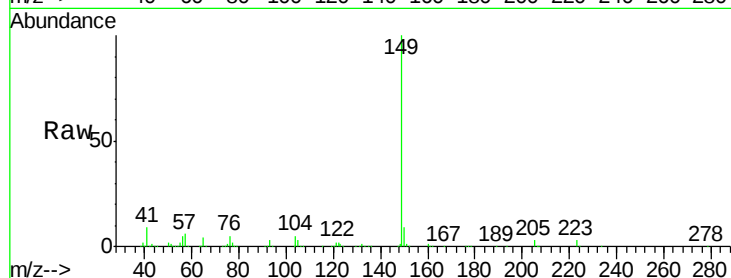
Tot Ion:149 Resp: 598844

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

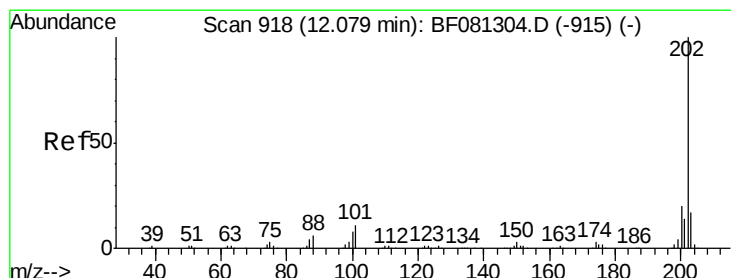
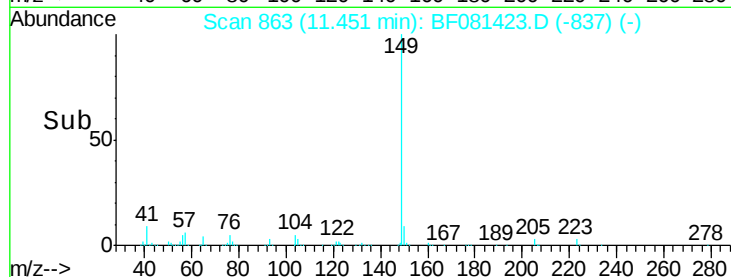
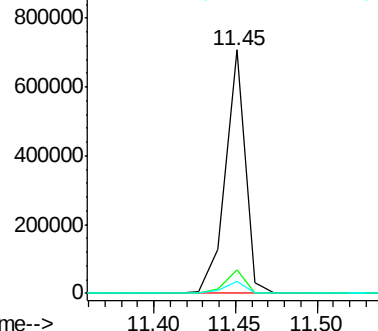
104 5.1 2.4 3.6#



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: 35.29 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

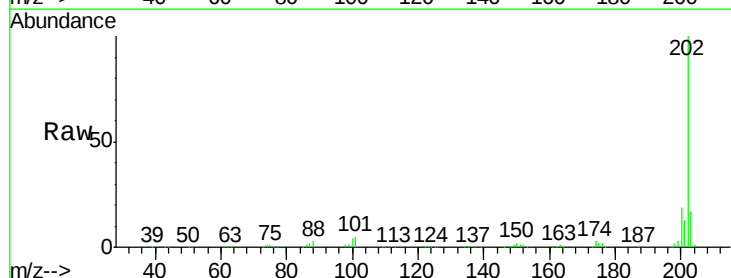
Tgt Ion:202 Resp: 522750

Ion Ratio Lower Upper

202 100

101 5.1 0.0 38.3

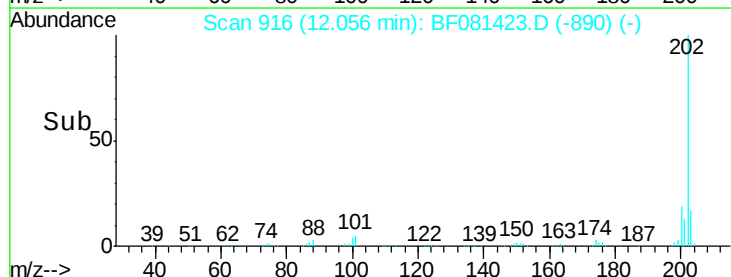
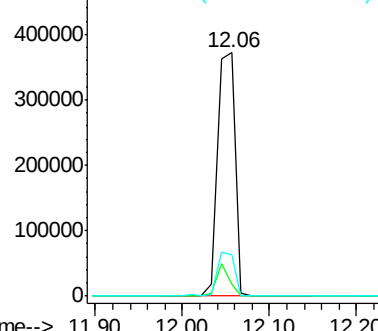
203 17.0 0.0 37.3

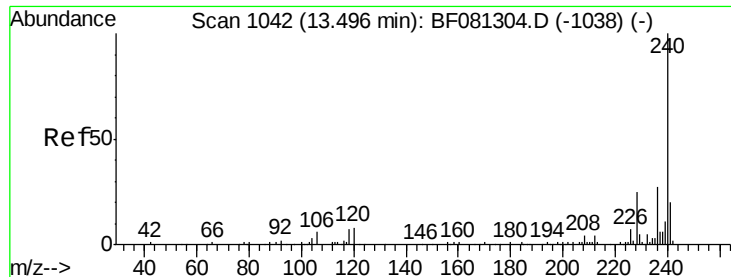


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

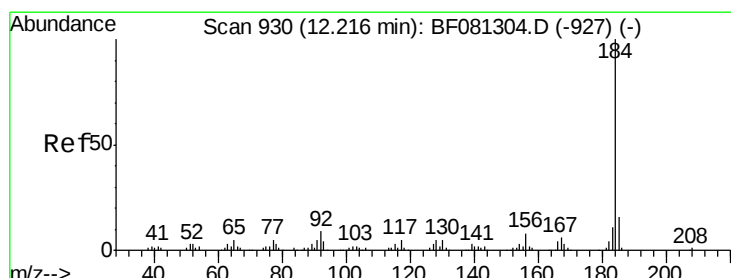
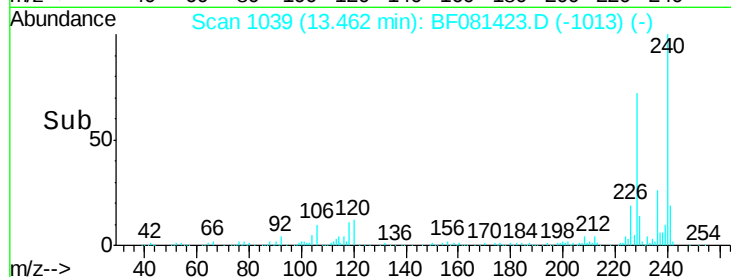
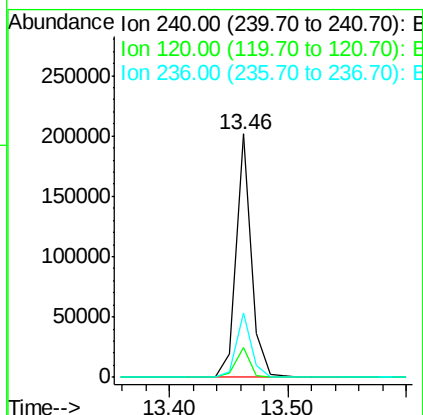
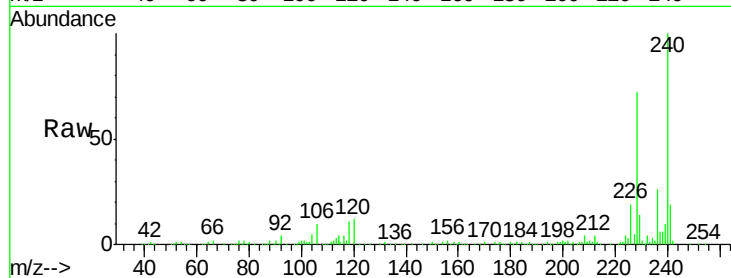




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

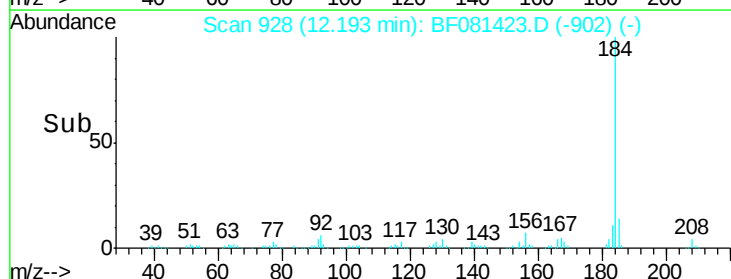
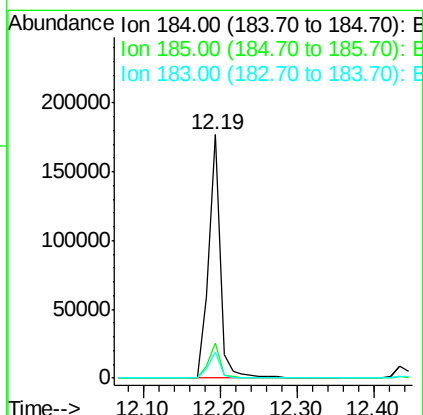
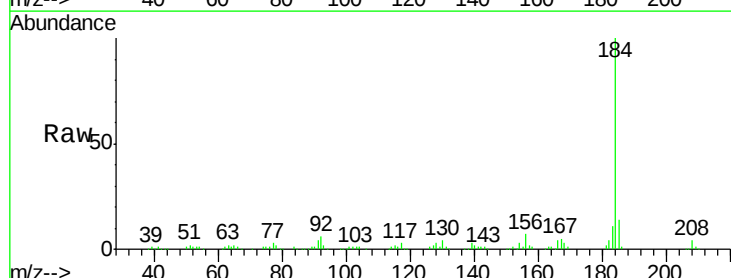
Instrument :
BNA_F
ClientSampled :
PB85417BS

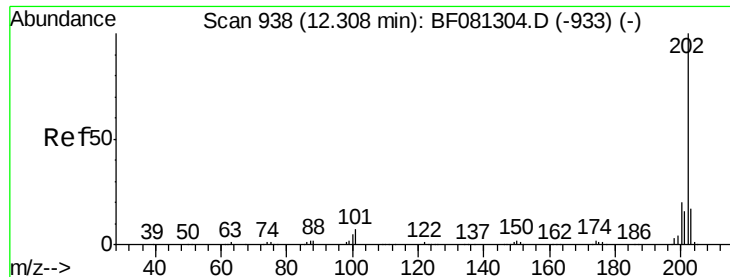
Tot Ion:240 Resp: 179612
Ion Ratio Lower Upper
240 100
120 12.2 16.2 24.2#
236 26.2 18.4 27.6



#76
Benzidine
Concen: 23.91 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:184 Resp: 184371
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 10.9 7.6 11.4

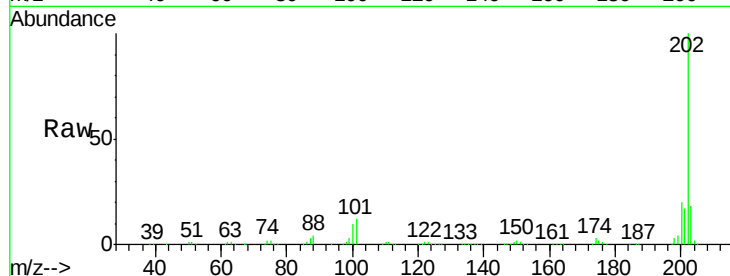




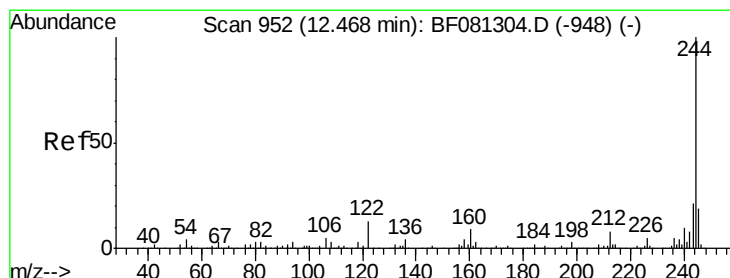
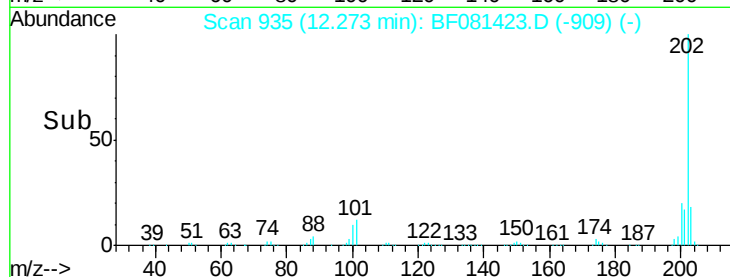
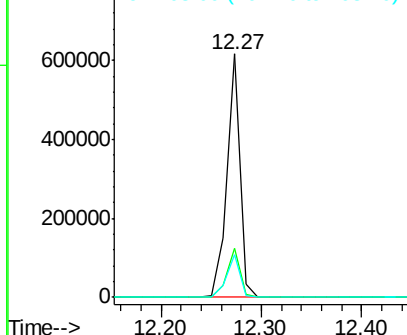
#77
Pvrene
Concen: 41.59 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.6	14.1	21.1

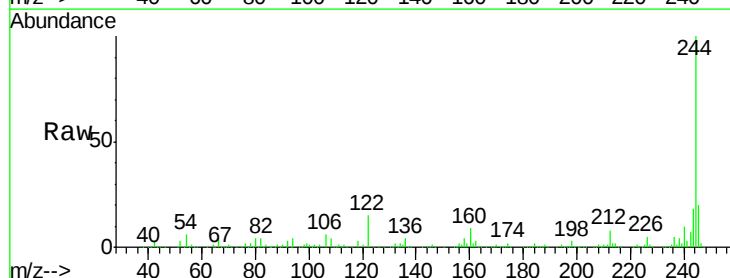


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

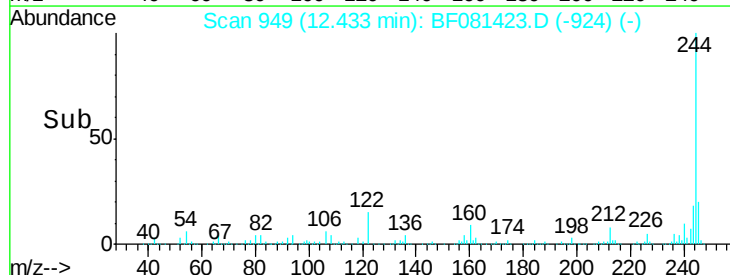
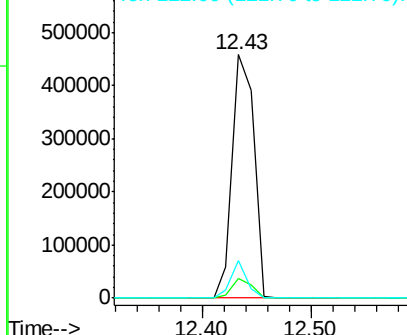


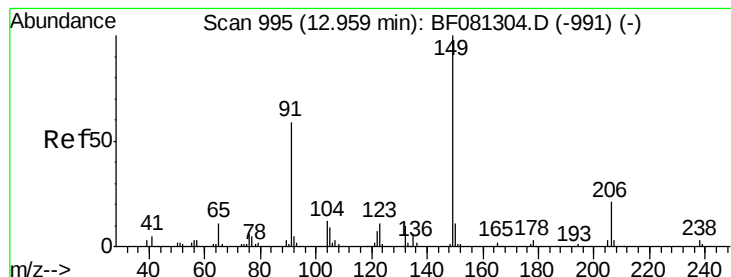
#78
Terphenyl-d14
Concen: 81.31 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	15.5	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 43.18 ng

RT: 12.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

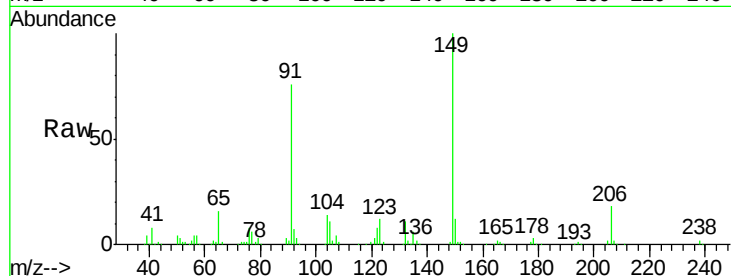
Tot Ion:149 Resp: 249835

Ion Ratio Lower Upper

149 100

91 76.0 48.6 72.8#

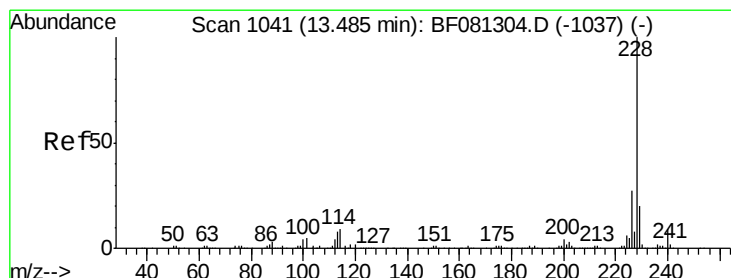
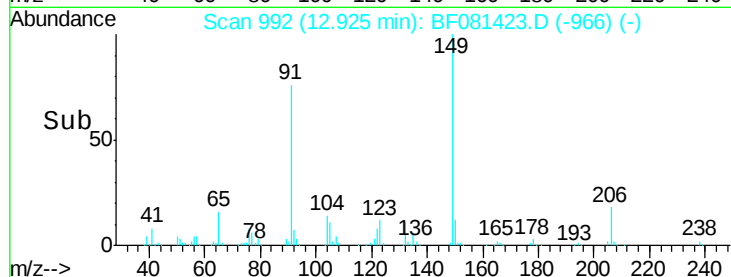
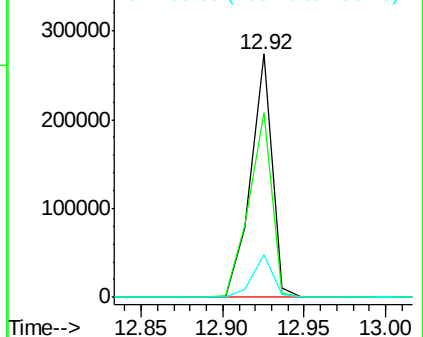
206 17.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.96 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

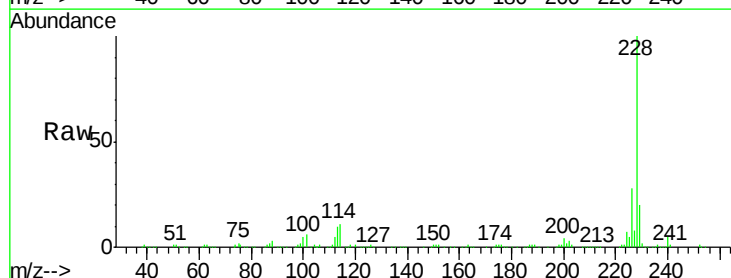
Tgt Ion:228 Resp: 422787

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

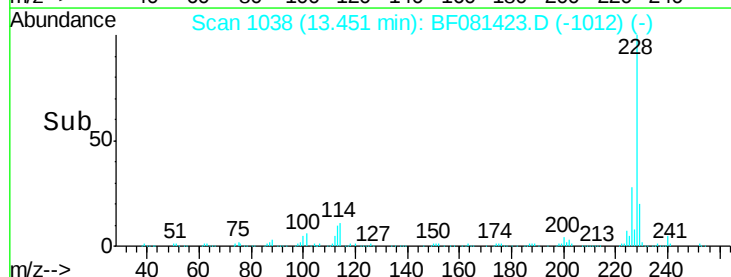
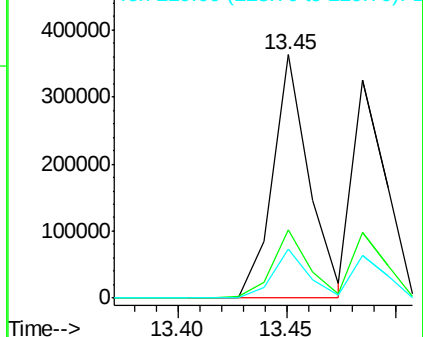
229 19.9 15.4 23.2



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

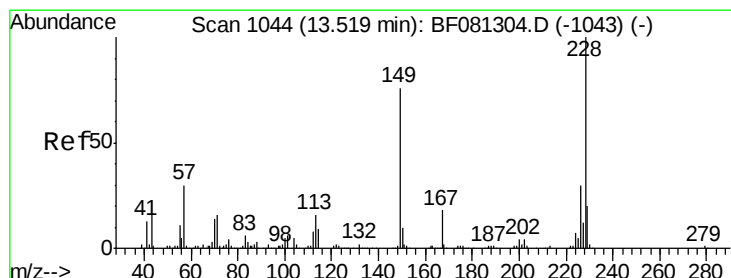
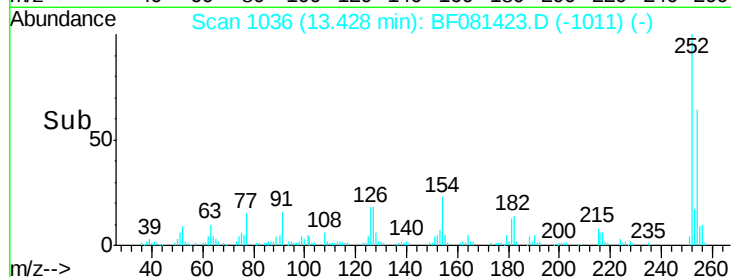
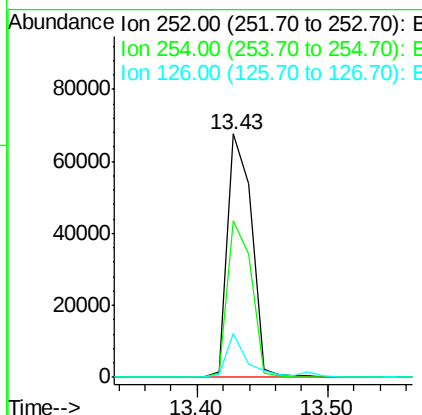
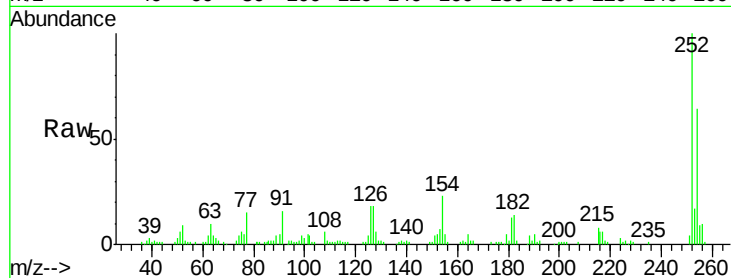




#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

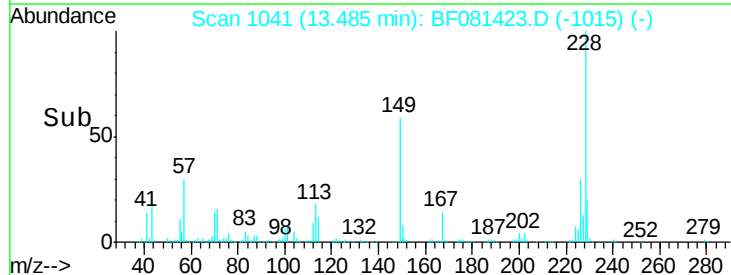
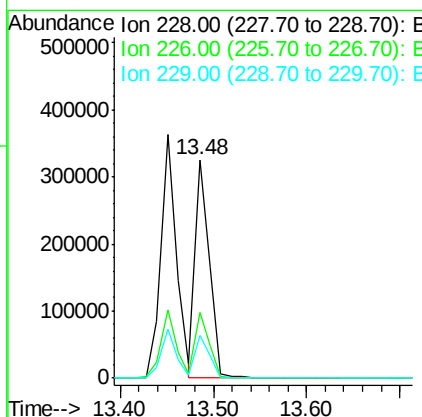
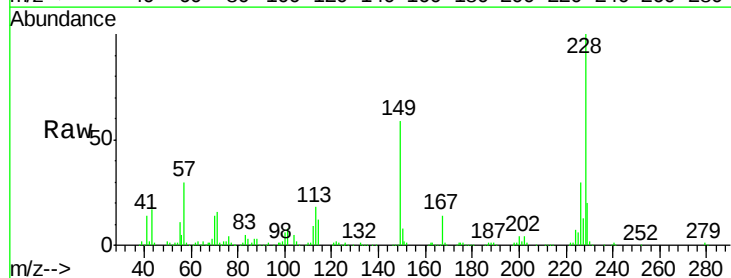
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion:252 Resp: 87104
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 18.1 16.4 24.6



#82
 Chrysene
 Concen: 33.92 ng
 RT: 13.48 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:228 Resp: 347752
 Ion Ratio Lower Upper
 228 100
 226 30.2 21.0 31.4
 229 19.6 15.6 23.4

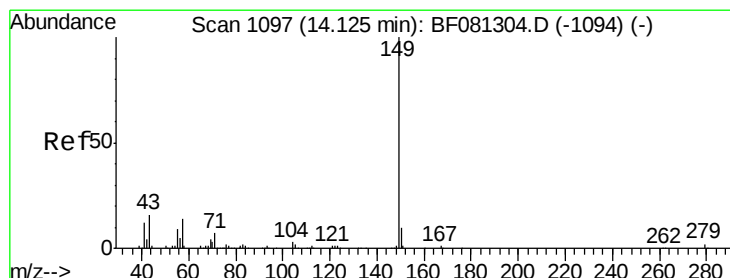
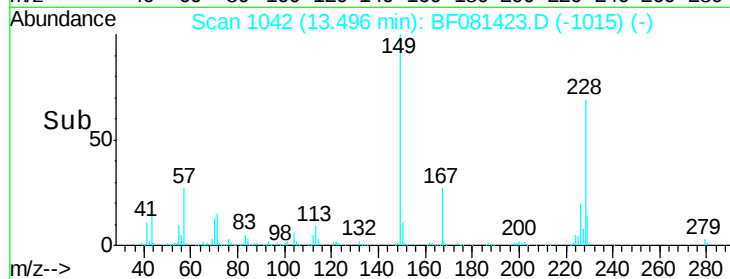
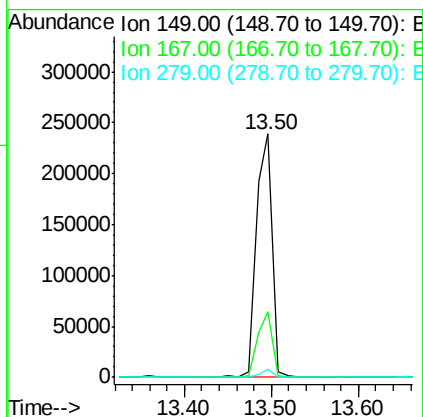
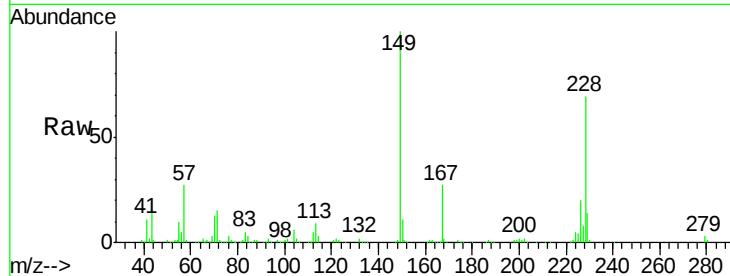




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.24 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

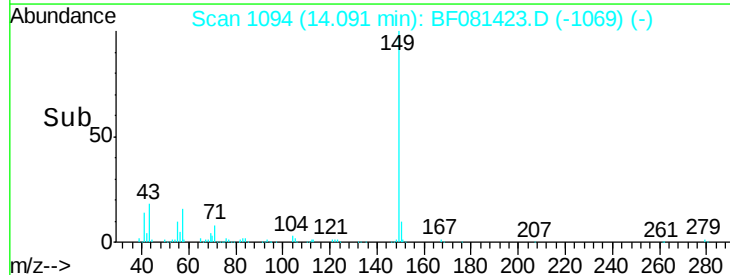
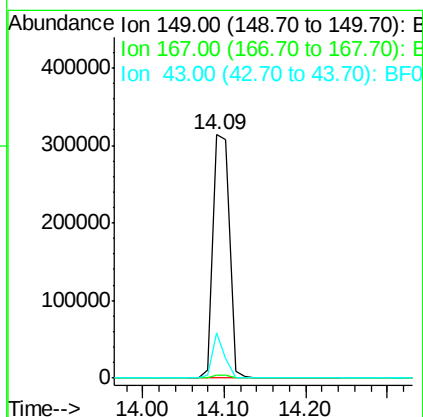
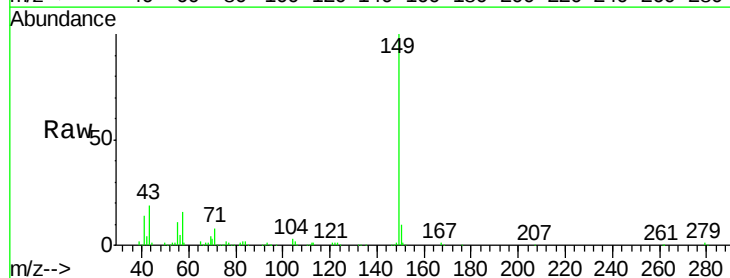
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

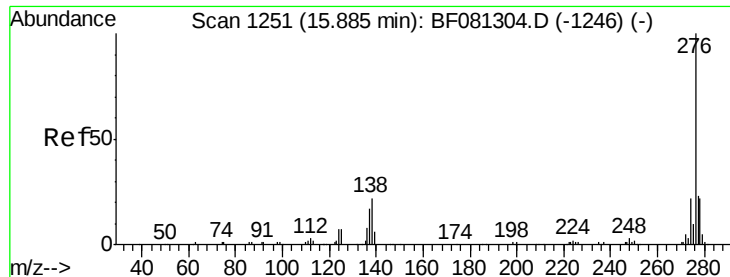
Tot Ion:149 Resp: 307285
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.2 36.2
 279 3.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 35.31 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:149 Resp: 444014
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.5 10.2 15.2

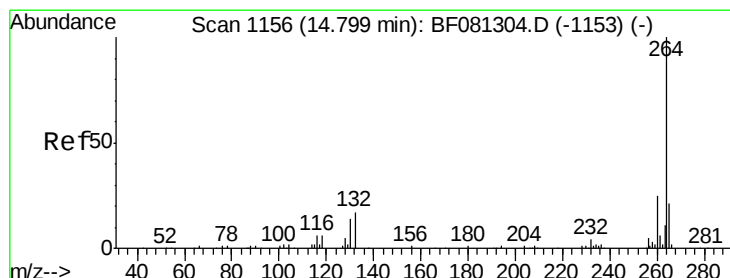
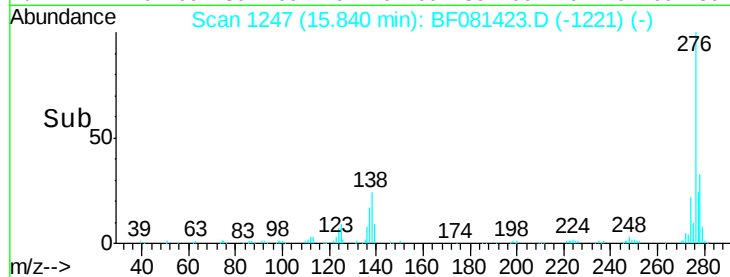
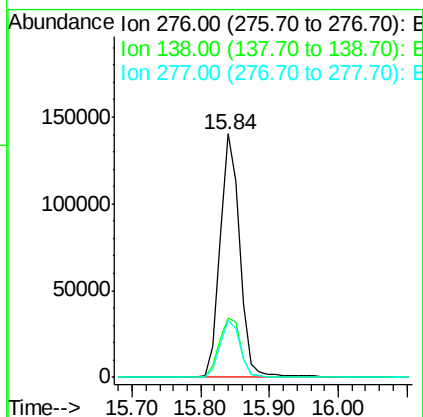
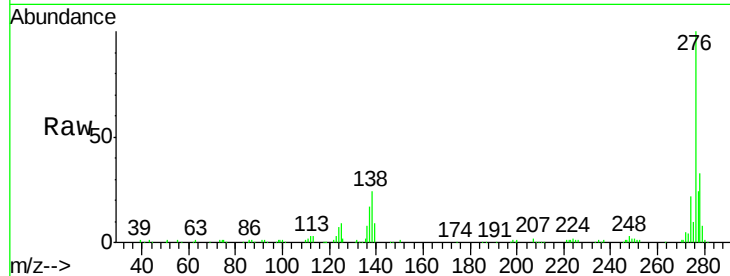




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

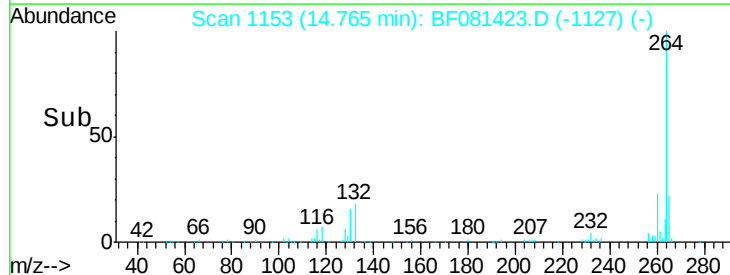
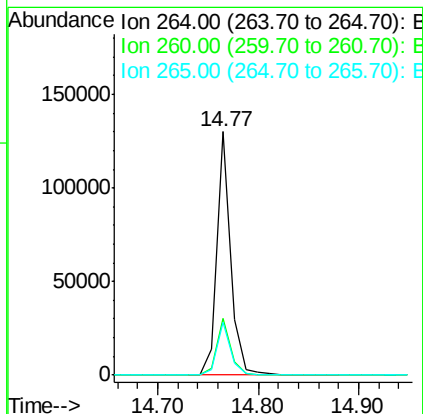
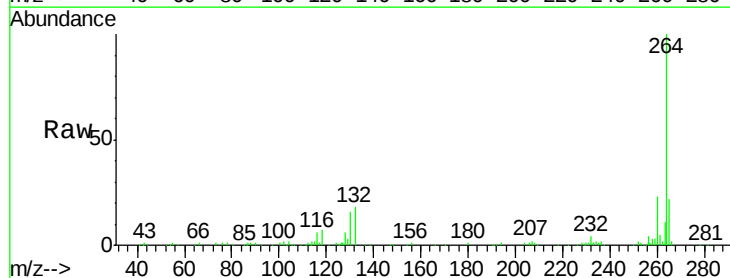
Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

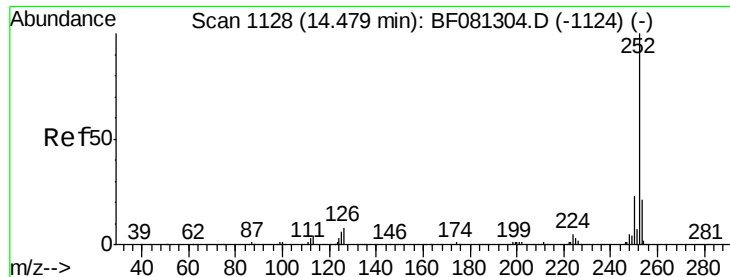
Tot Ion:276 Resp: 285293
 Ion Ratio Lower Upper
 276 100
 138 26.5 25.7 38.5
 277 23.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Tgt Ion:264 Resp: 123886
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 21.8 17.2 25.8

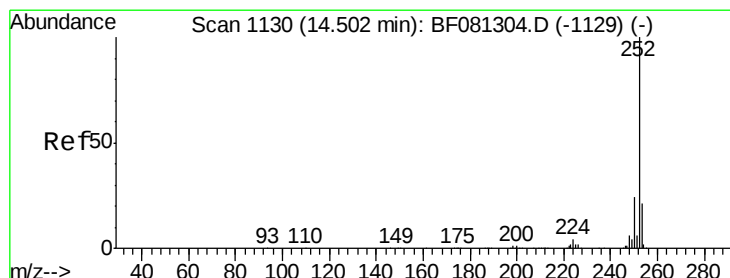
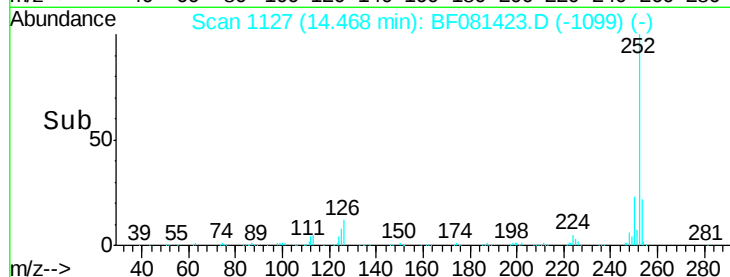
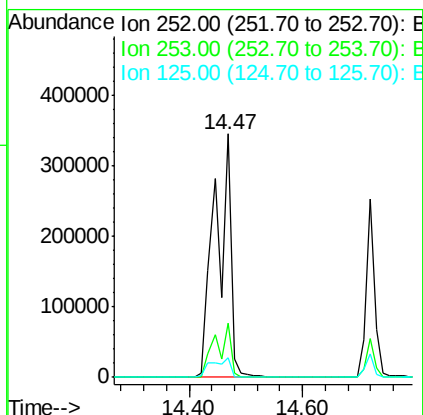
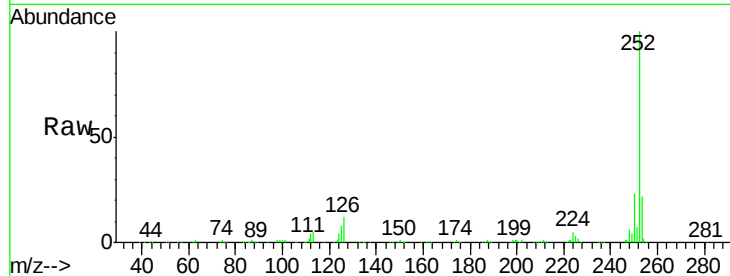




#87
Benzo(b)fluoranthene
Concen: 73.43 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

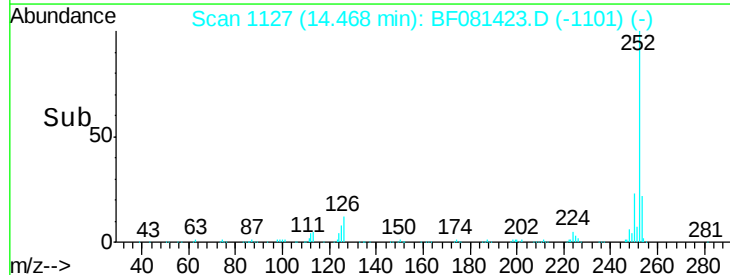
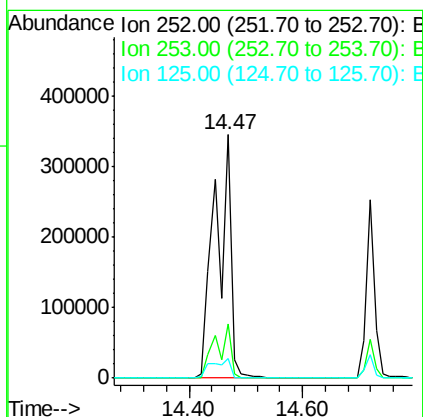
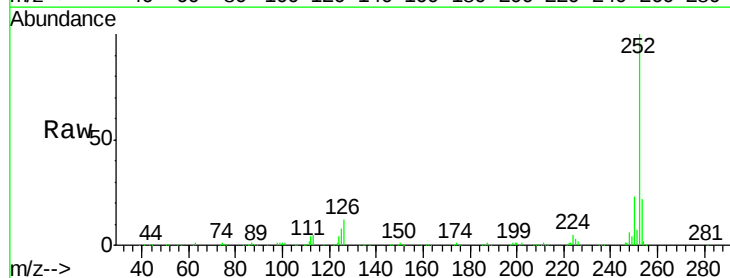
Instrument :
BNA_F
ClientSampleId :
PB85417BS

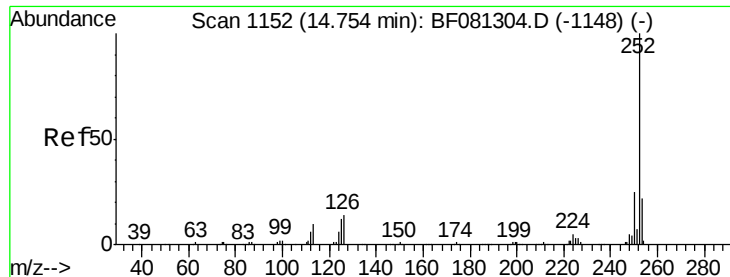
Tot Ion:252 Resp: 649422
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.1 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 88.49 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF081423.D
Acq: 4 Sep 2015 17:16

Tgt Ion:252 Resp: 649422
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.1 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 36.50 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PB85417BS

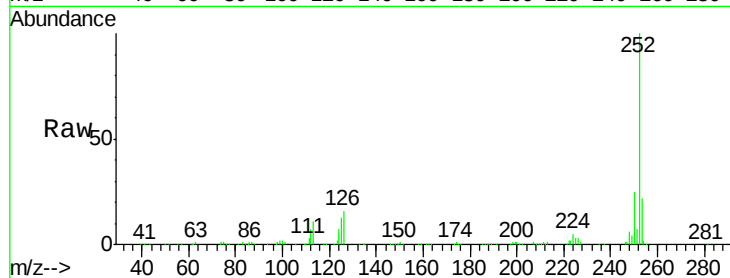
Tot Ion:252 Resp: 273545

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

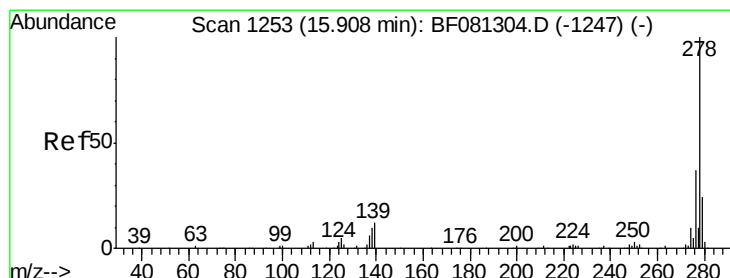
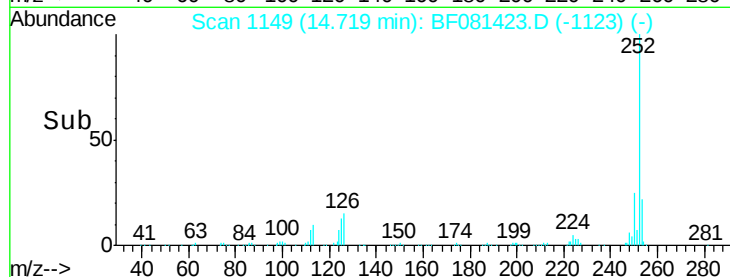
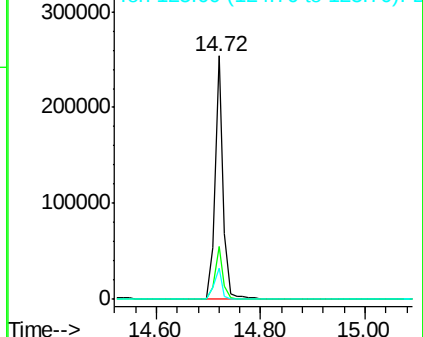
125 13.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.14 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081423.D

Acq: 4 Sep 2015 17:16

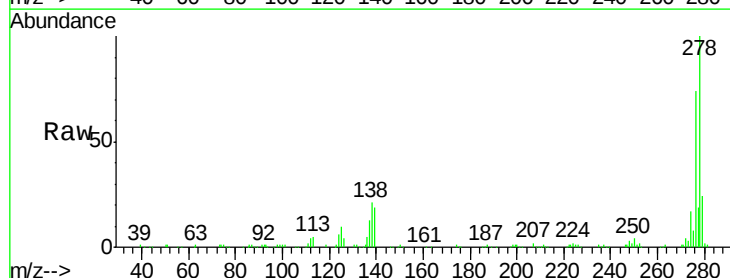
Tgt Ion:278 Resp: 238254

Ion Ratio Lower Upper

278 100

139 18.5 26.3 39.5#

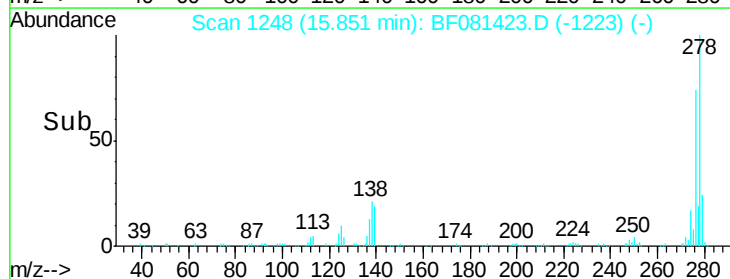
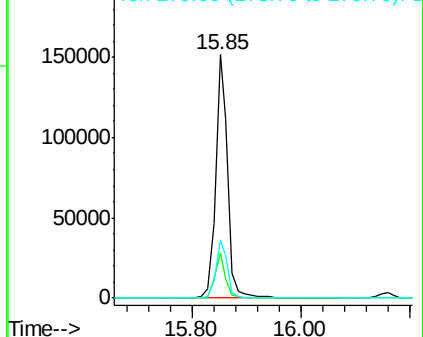
279 23.9 18.2 27.4

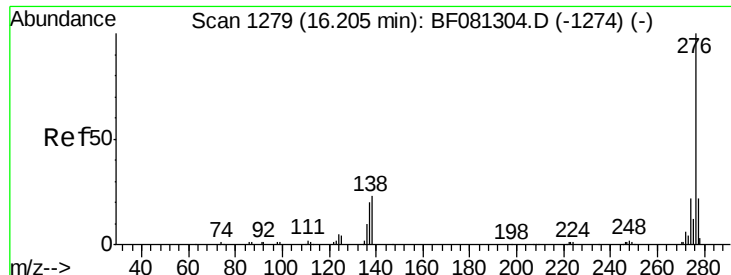


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

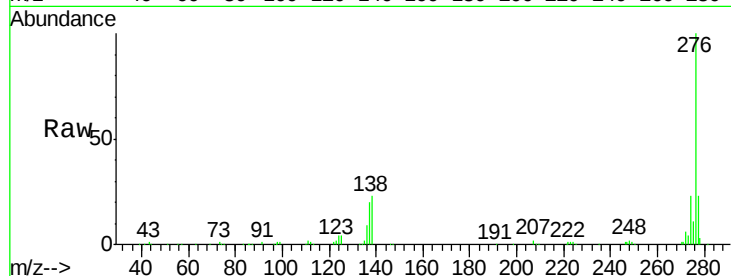




#91
 Benzo(a,h,i)perylene
 Concen: 42.98 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF081423.D
 Acq: 4 Sep 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.8	26.6
138	22.6	34.6	51.8



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

