

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081386.D
 Acq On : 3 Sep 2015 20:16
 Operator : UM/IZ
 Sample : PB85376BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Quant Time: Sep 04 02:06:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	62566	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	235244	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	118355	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	232106	20.00	ng	0.00
75) Chrysene-d12	13.47	240	174791	20.00	ng	0.00
86) Perylene-d12	14.78	264	113611	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	295740	73.34	ng	0.01
7) Phenol-d6	6.04	99	415200	77.78	ng	0.00
23) Nitrobenzene-d5	6.95	82	354396	72.68	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	80380	76.27	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	584539	63.29	ng	-0.01
78) Terphenyl-d14	12.46	244	571335	76.09	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	54641	30.17	ng	# 91
3) Pyridine	2.32	79	139427	27.92	ng	92
4) n-Nitrosodimethylamine	2.28	42	96828	34.90	ng	81
6) Aniline	6.03	93	144658	19.19	ng	# 79
8) 2-Chlorophenol	6.16	128	162267	36.52	ng	90
9) Benzaldehyde	5.91	77	17529	5.24	ng	# 77
10) Phenol	6.06	94	242599	39.19	ng	# 58
11) bis(2-Chloroethyl)ether	6.12	93	177861	39.82	ng	94
12) 1,3-Dichlorobenzene	6.31	146	170460	35.90	ng	# 91
13) 1,4-Dichlorobenzene	6.39	146	180150	37.27	ng	# 91
14) 1,2-Dichlorobenzene	6.54	146	147794	33.96	ng	# 87
15) Benzyl Alcohol	6.54	79	152050	34.72	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	6.67	45	319356	37.31	ng	# 10
17) 2-Methylphenol	6.67	107	137122	38.67	ng	# 76
18) Hexachloroethane	6.88	117	65984	35.08	ng	89
19) n-Nitroso-di-n-propylamine	6.81	70	123218	33.92	ng	# 88
20) 3+4-Methylphenols	6.83	107	181632	37.99	ng	88
22) Acetophenone	6.80	105	246239	38.32	ng	# 78
24) Nitrobenzene	6.97	77	211202	41.71	ng	# 68
25) Isophorone	7.21	82	325591	35.90	ng	# 82
26) 2-Nitrophenol	7.29	139	85922	38.93	ng	# 64
27) 2,4-Dimethylphenol	7.35	122	141540	37.13	ng	# 75
28) bis(2-Chloroethoxy)methane	7.44	93	198221	37.84	ng	# 92
29) 2,4-Dichlorophenol	7.54	162	133028	40.25	ng	97
30) 1,2,4-Trichlorobenzene	7.61	180	142769	39.76	ng	99
31) Naphthalene	7.68	128	444919	35.46	ng	98
32) Benzoic acid	7.51	122	77681	29.58	ng	# 58
33) 4-Chloroaniline	7.75	127	59225	11.57	ng	# 85
34) Hexachlorobutadiene	7.80	225	78904	36.11	ng	97
35) Caprolactam	8.14	113	28657	28.27	ng	# 74
36) 4-Chloro-3-methylphenol	8.26	107	161707	43.71	ng	# 75
37) 2-Methylnaphthalene	8.38	142	326769	40.02	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	127606	34.09	ng	99
40) Hexachlorocyclopentadiene	8.52	237	136753	74.45	ng	96

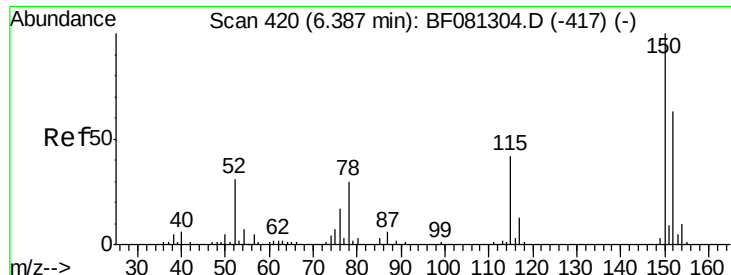
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081386.D
 Acq On : 3 Sep 2015 20:16
 Operator : UM/IZ
 Sample : PB85376BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Sep 04 02:06:53 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	85126	32.95	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	92217	34.99	nq	# 95
45) 1,1'-Biphenyl	8.84	154	390758	35.89	nq	95
46) 2-Chloronaphthalene	8.86	162	265319	33.74	nq	# 88
47) 2-Nitroaniline	8.97	65	126671	39.53	nq	# 68
48) Acenaphthylene	9.27	152	488447	35.01	nq	97
49) Dimethylphthalate	9.16	163	342116	37.20	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	65684	31.47	nq	# 1
51) Acenaphthene	9.44	154	286632	36.12	nq	89
52) 3-Nitroaniline	9.38	138	40421	17.01	nq	# 83
53) 2,4-Dinitrophenol	9.50	184	64220	73.05	nq	# 83
54) Dibenzofuran	9.61	168	431253	37.22	nq	# 87
55) 4-Nitrophenol	9.61	139	278943	186.87	nq	# 31
56) 2,4-Dinitrotoluene	9.61	165	86916	32.71	nq	# 1
57) Fluorene	9.94	166	304849	34.67	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.69	232	69978	34.78	nq	97
59) Diethylphthalate	9.85	149	325381	33.64	nq	95
60) 4-Chlorophenyl-phenylether	9.95	204	158517	38.68	nq	95
61) 4-Nitroaniline	9.99	138	70544	29.39	nq	# 27
62) Azobenzene	10.10	77	382410	35.56	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.02	198	47954	36.94	nq	85
65) n-Nitrosodiphenylamine	10.08	169	282683	33.47	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	89113	37.97	nq	96
67) Hexachlorobenzene	10.49	284	90056	36.70	nq	# 78
68) Atrazine	10.62	200	95996	39.28	nq	84
69) Pentachlorophenol	10.70	266	86499	73.24	nq	99
70) Phenanthrene	10.89	178	427586	33.14	nq	97
71) Anthracene	10.95	178	485883	36.65	nq	99
72) Carbazole	11.11	167	424573	34.13	nq	95
73) Di-n-butylphthalate	11.46	149	531563	36.19	nq	# 98
74) Fluoranthene	12.07	202	516868	37.00	nq	86
76) Benzidine	12.21	184	189910	25.31	nq	98
77) Pyrene	12.29	202	495713	38.29	nq	98
79) Butylbenzylphthalate	12.94	149	216627	38.47	nq	# 79
80) Benzo(a)anthracene	13.46	228	397639	35.72	nq	96
81) 3,3'-Dichlorobenzidine	13.44	252	63609	16.94	nq	93
82) Chrysene	13.51	228	373460	37.43	nq	96
83) Bis(2-ethylhexyl)phthalate	13.51	149	279760	37.65	nq	# 94
84) Di-n-octyl phthalate	14.11	149	432464	35.34	nq	99
85) Indeno(1,2,3-cd)pyrene	15.86	276	236826	32.35	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	588645	72.57	nq	# 87
88) Benzo(k)fluoranthene	14.48	252	588645	87.46	nq	# 87
89) Benzo(a)pyrene	14.73	252	257273	37.43	nq	# 89
90) Dibenzo(a,h)anthracene	15.87	278	194865	36.69	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	196928	38.85	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

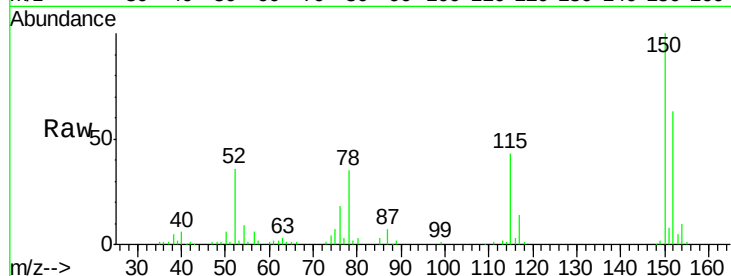
Tot Ion:152 Resp: 62566

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

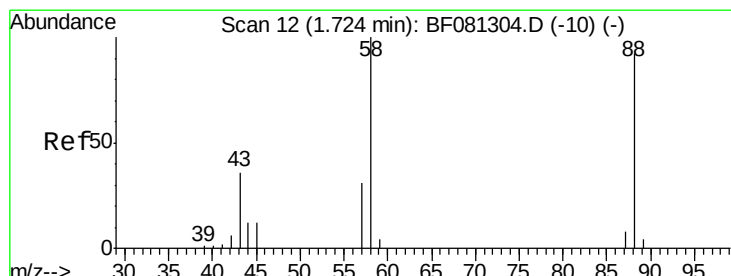
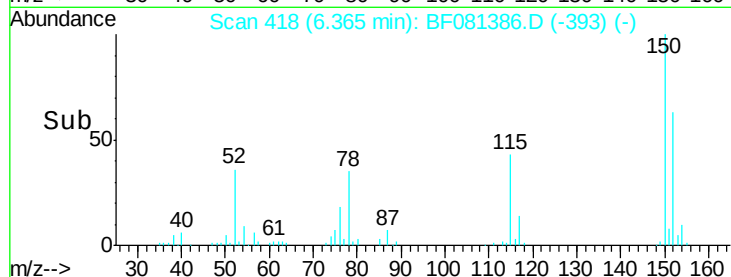
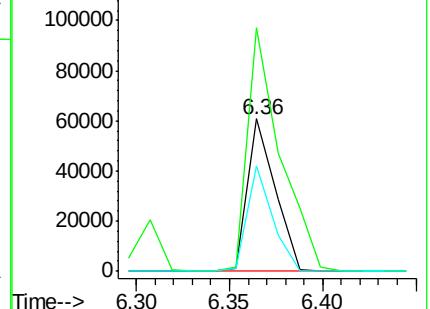
115 69.3 39.0 58.4#



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: 30.17 ng

RT: 1.78 min Scan# 17

Delta R.T. 0.10 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

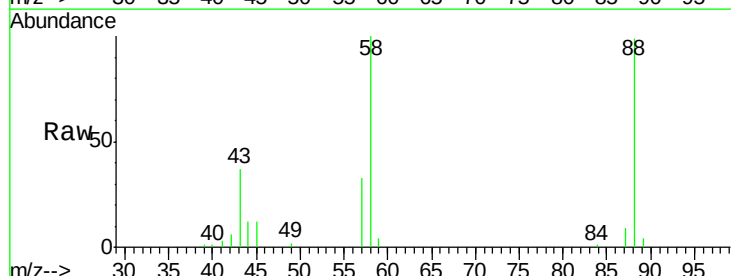
Tgt Ion: 88 Resp: 54641

Ion Ratio Lower Upper

88 100

58 104.7 77.7 116.5

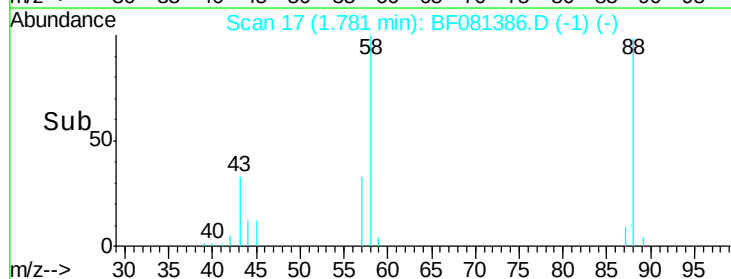
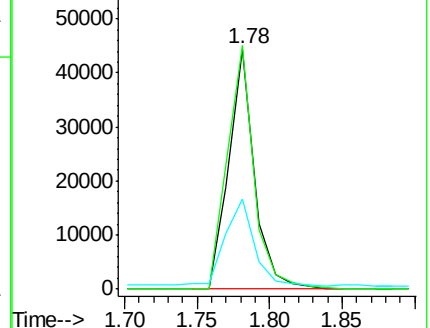
43 40.7 26.6 40.0#

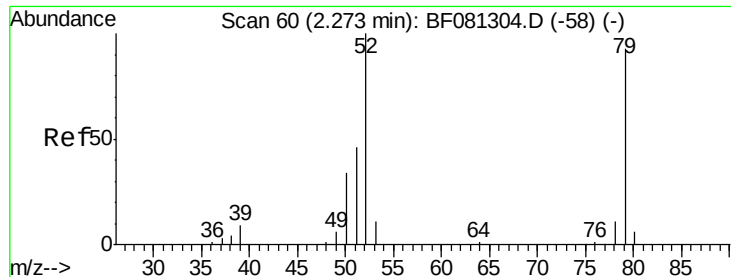


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.92 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

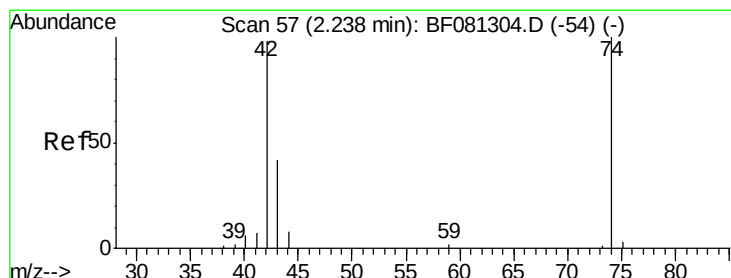
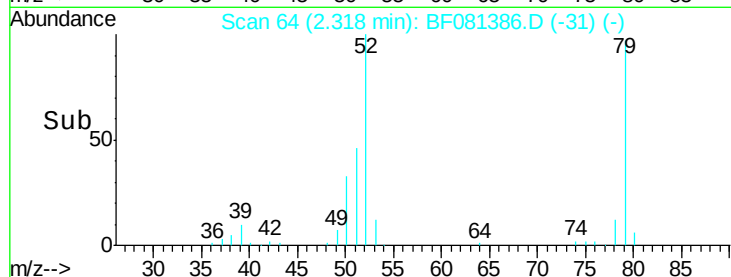
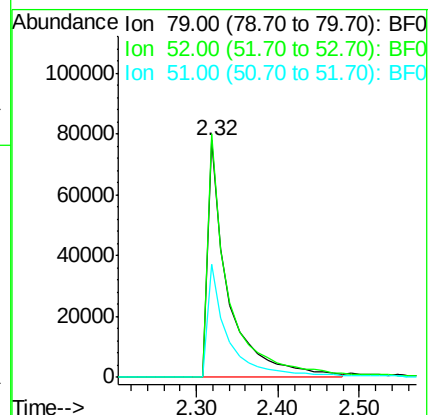
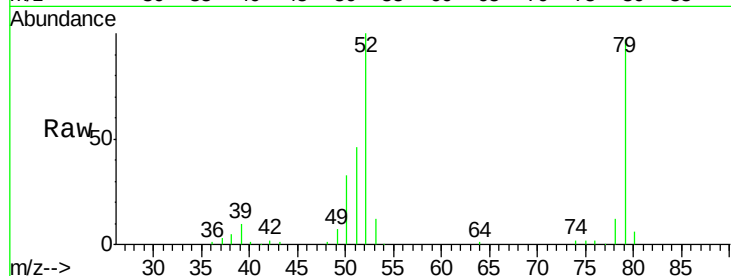
Tot Ion: 79 Resp: 139427

Ion Ratio Lower Upper

79 100

52 102.7 76.8 115.2

51 47.7 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.90 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.09 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

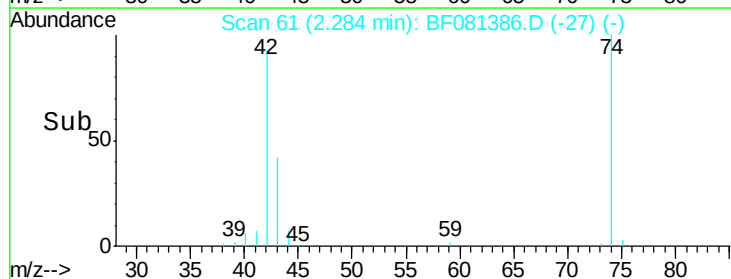
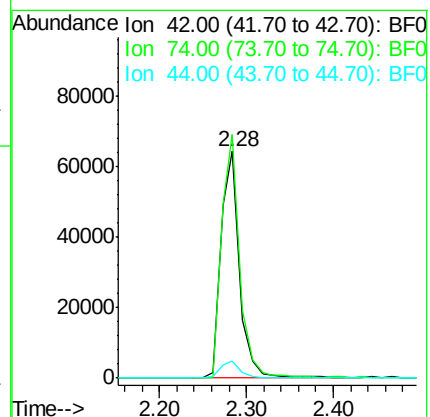
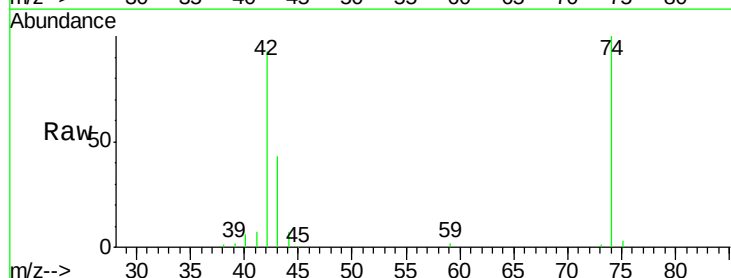
Tgt Ion: 42 Resp: 96828

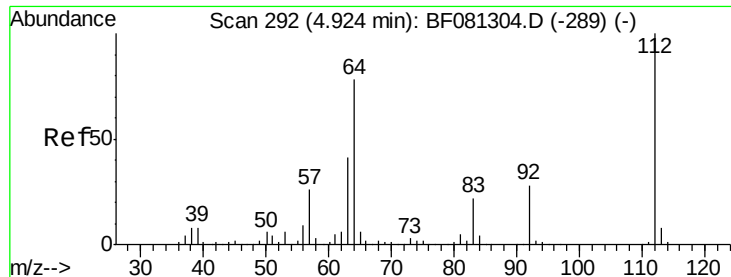
Ion Ratio Lower Upper

42 100

74 107.3 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 73.34 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

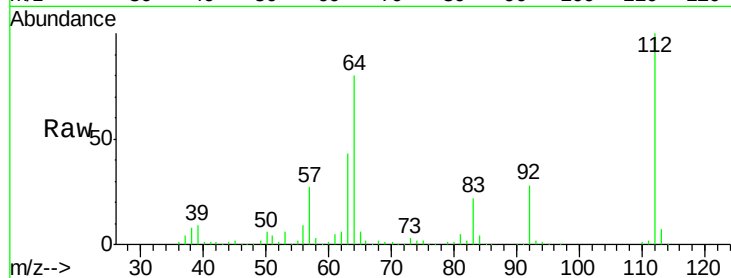
Tot Ion:112 Resp: 295740

Ion Ratio Lower Upper

112 100

64 79.6 39.7 59.5#

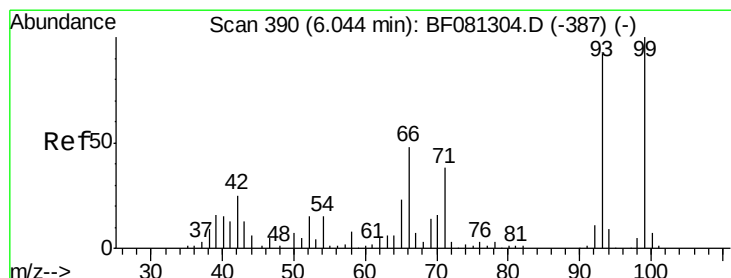
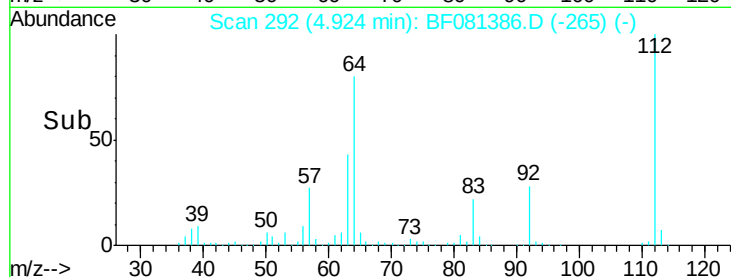
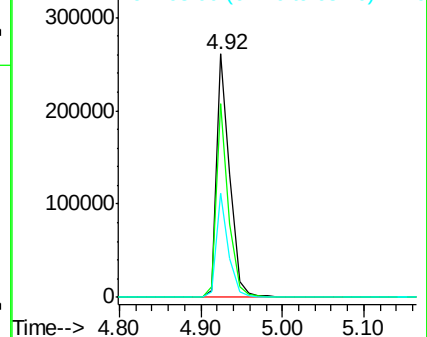
63 42.7 17.4 26.0#



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: 19.19 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

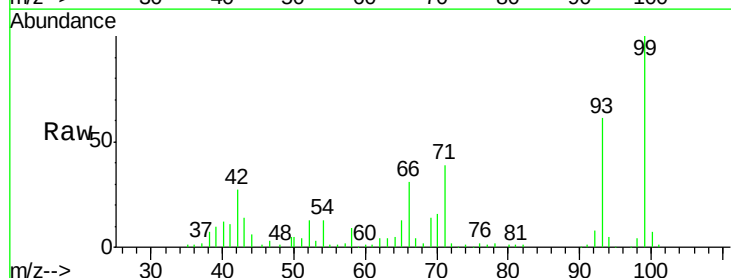
Tgt Ion: 93 Resp: 144658

Ion Ratio Lower Upper

93 100

66 50.1 27.2 40.8#

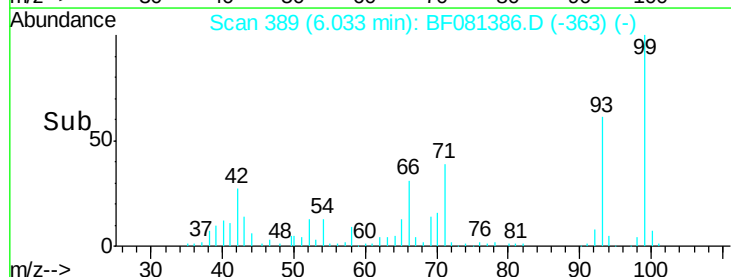
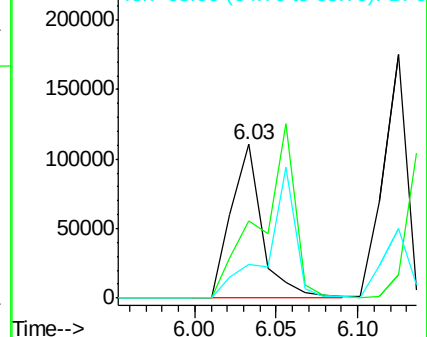
65 22.0 14.7 22.1

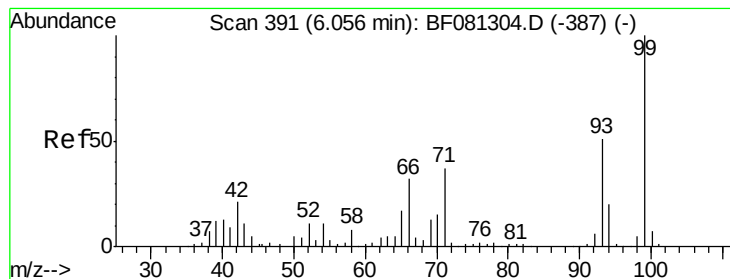


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.78 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

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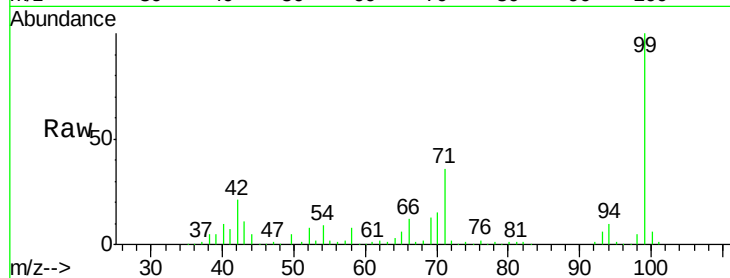
Tot Ion: 99 Resp: 415200

Ion Ratio Lower Upper

99 100

42 20.8 13.7 20.5#

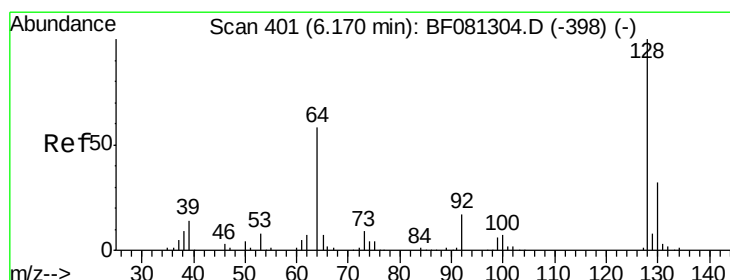
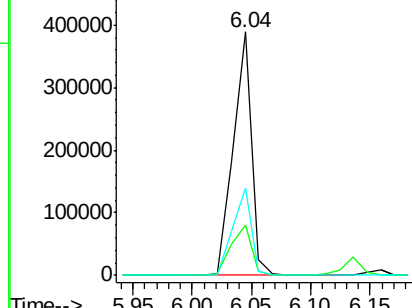
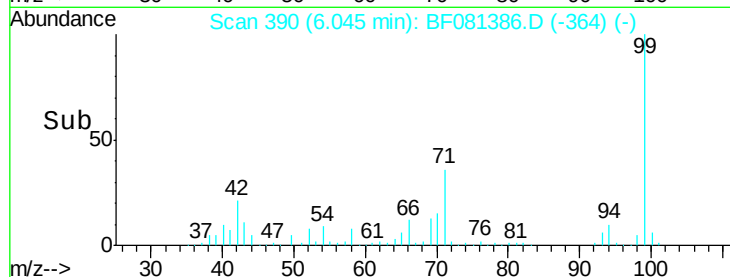
71 36.0 14.2 21.2#



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: 36.52 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

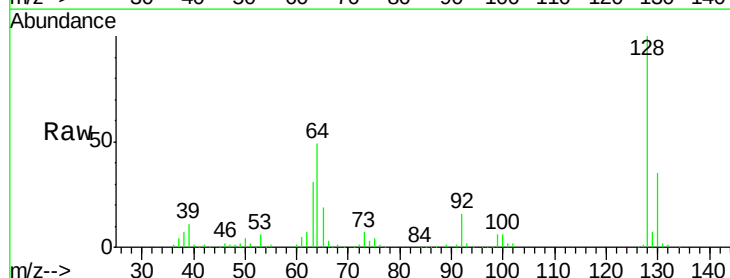
Tgt Ion: 128 Resp: 162267

Ion Ratio Lower Upper

128 100

130 35.0 12.2 52.2

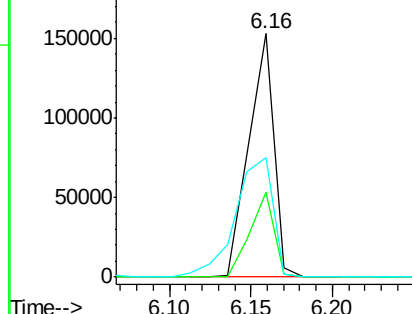
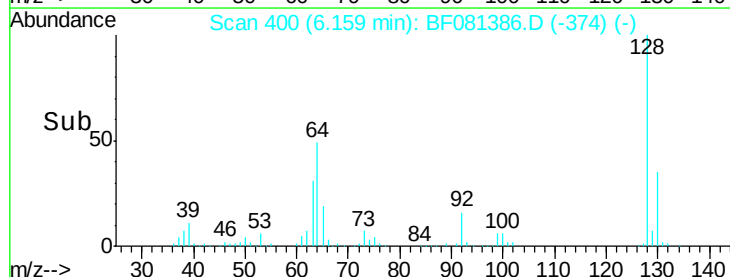
64 48.9 20.5 60.5

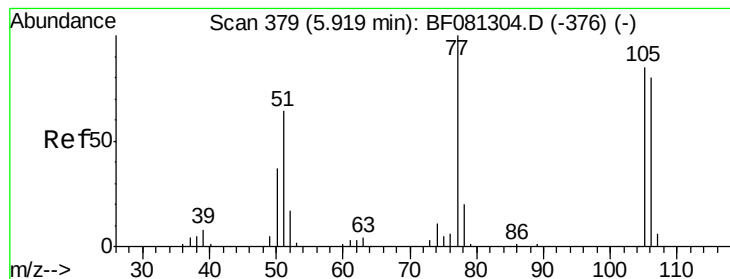


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.24 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

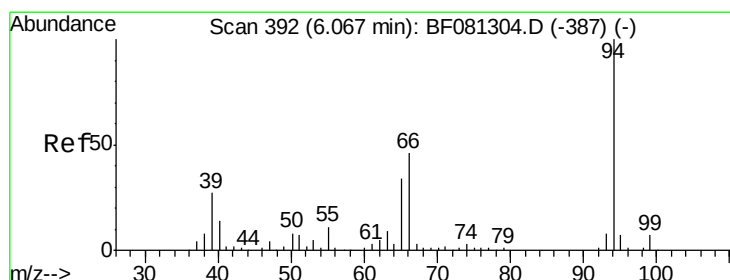
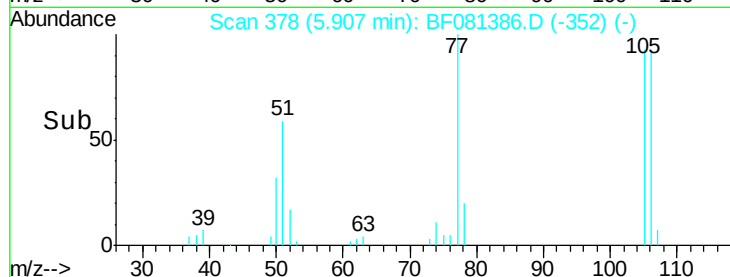
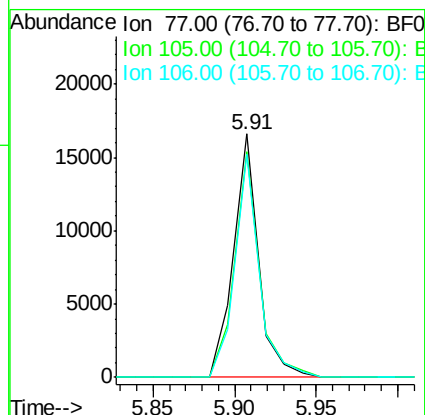
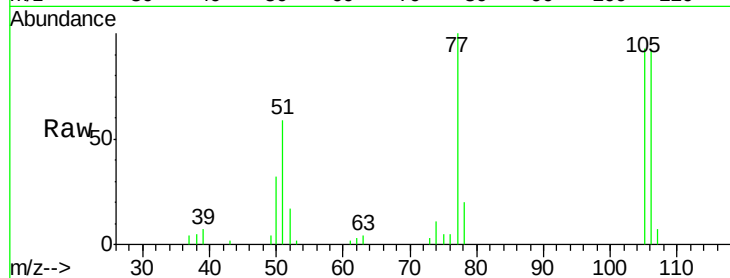
Tot Ion: 77 Resp: 17529

Ion Ratio Lower Upper

77 100

105 92.9 91.6 131.6

106 91.6 102.6 142.6#



#10

Phenol

Concen: 39.19 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

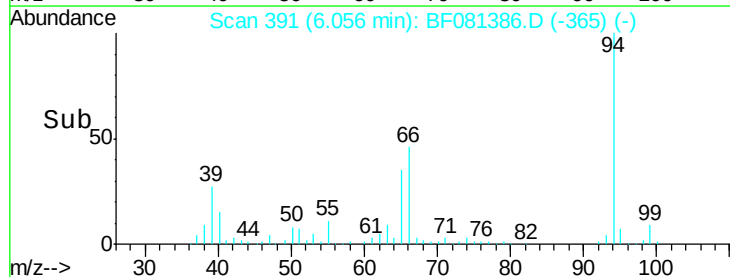
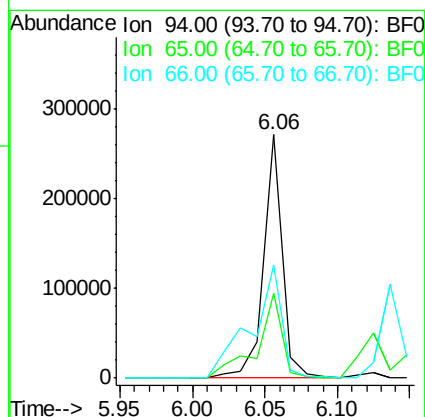
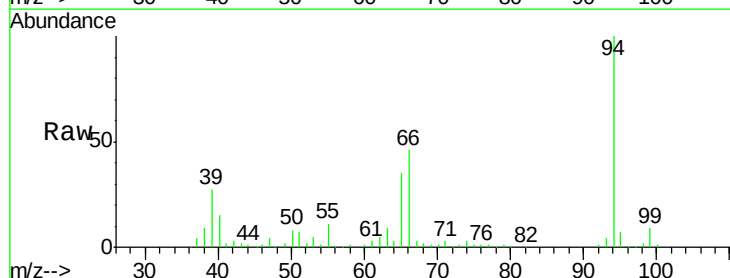
Tgt Ion: 94 Resp: 242599

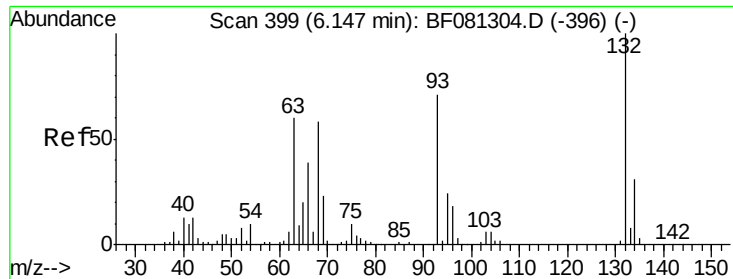
Ion Ratio Lower Upper

94 100

65 34.7 0.7 40.7

66 46.3 0.8 40.8#

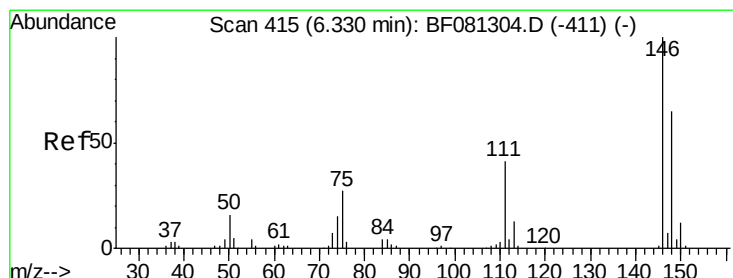
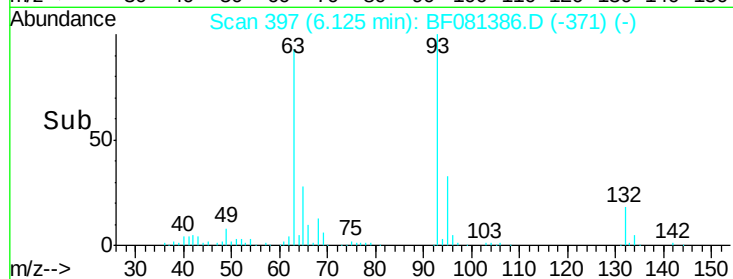
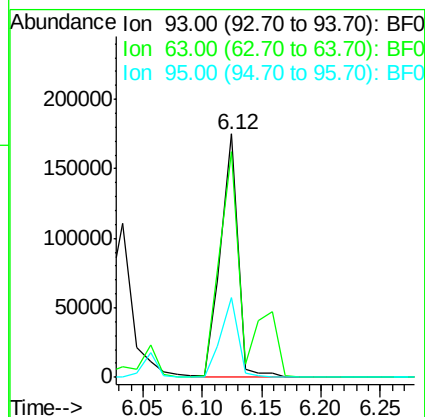
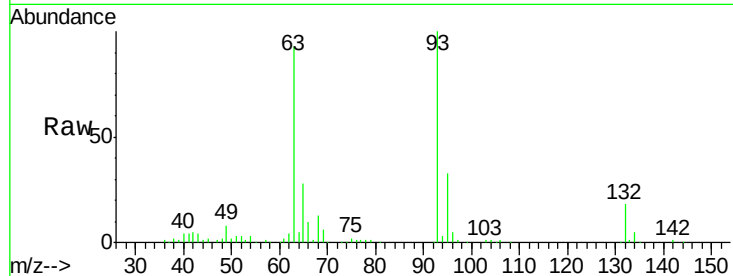




#11
bis(2-Chloroethyl)ether
Concen: 39.82 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

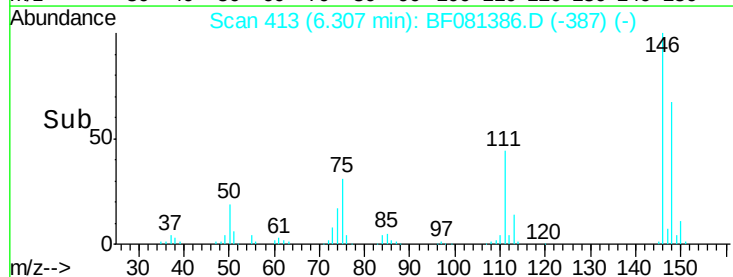
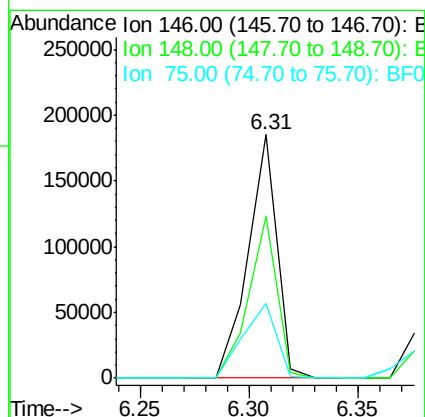
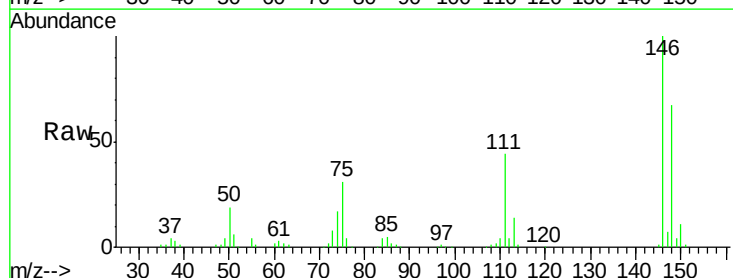
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

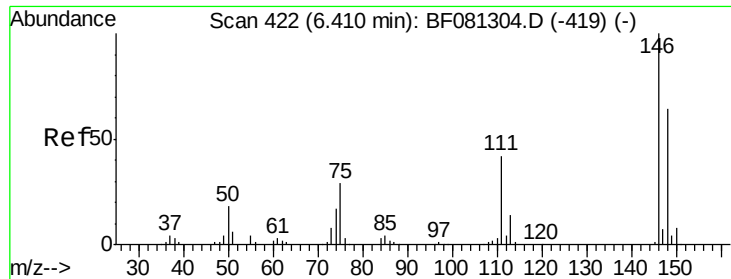
Tot Ion: 93 Resp: 177861
Ion Ratio Lower Upper
93 100
63 92.8 65.6 105.6
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.90 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion: 146 Resp: 170460
Ion Ratio Lower Upper
146 100
148 66.5 51.0 76.4
75 30.8 15.0 22.6#

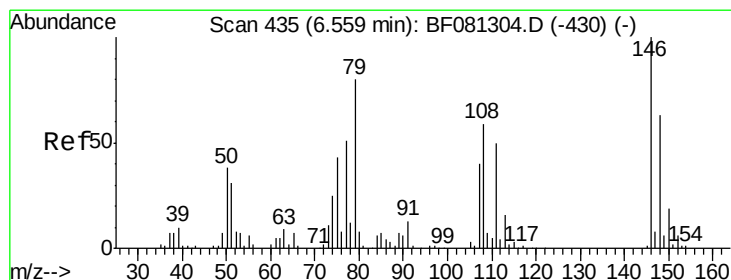
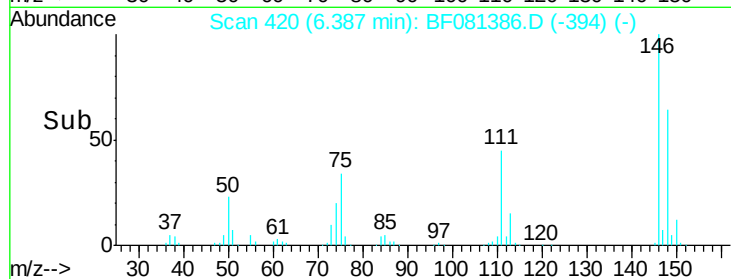
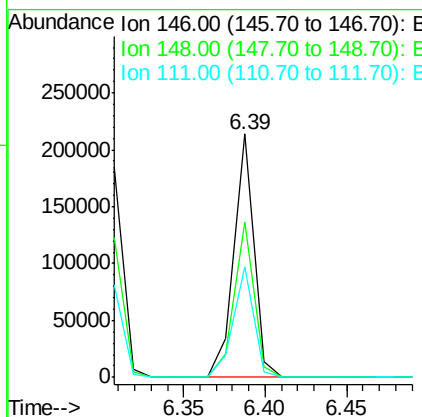
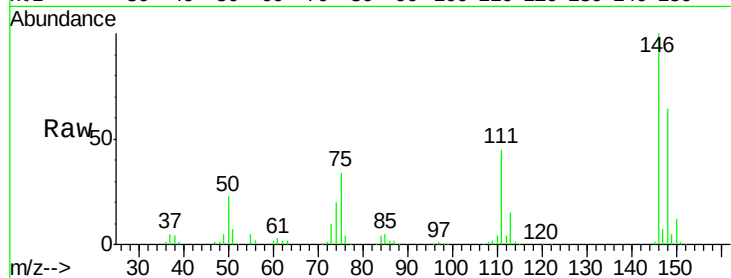




#13
 1,4-Dichlorobenzene
 Concen: 37.27 ng
 RT: 6.39 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

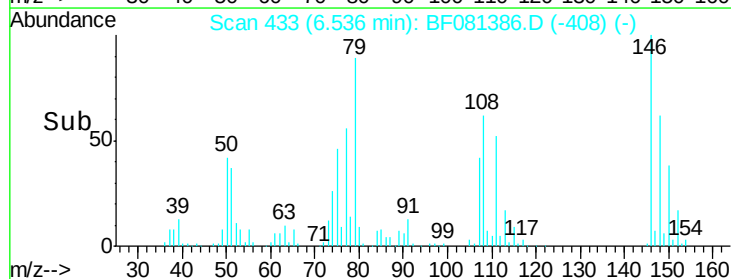
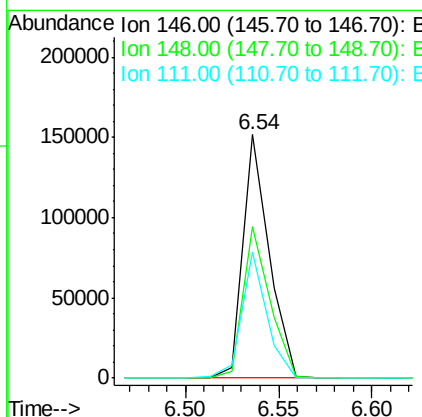
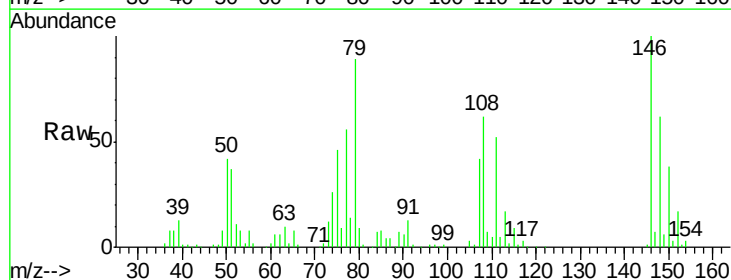
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

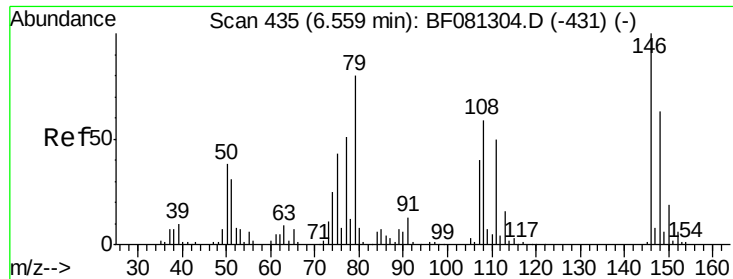
Tot Ion:146 Resp: 180150
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 45.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 33.96 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:146 Resp: 147794
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.7 79.1
 111 51.7 28.8 43.2#

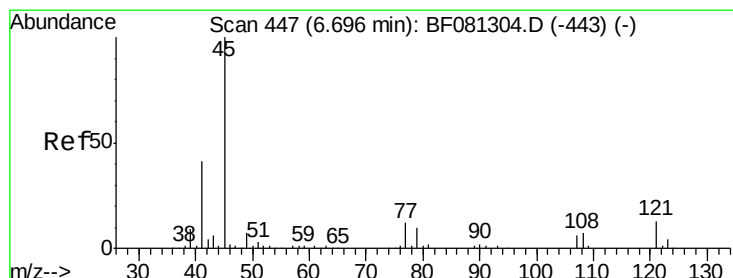
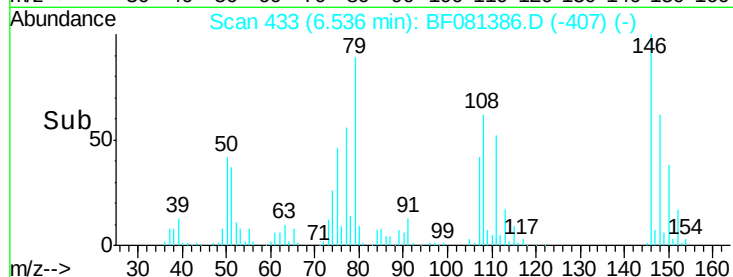
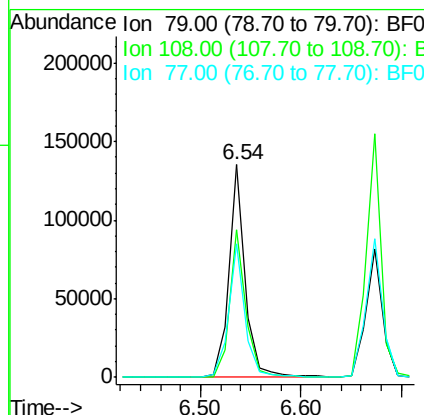
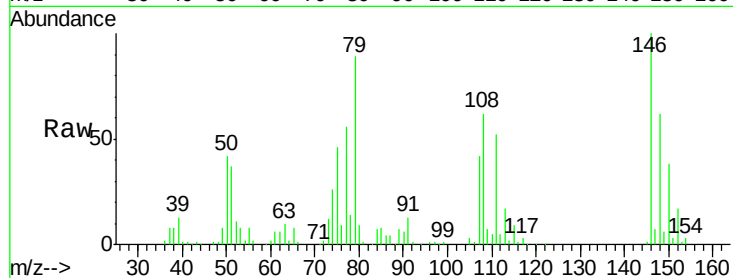




#15
Benzyl Alcohol
Concen: 34.72 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

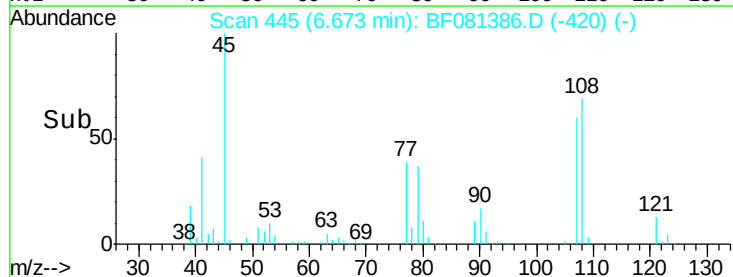
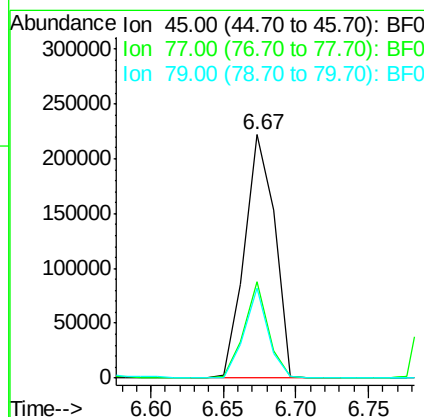
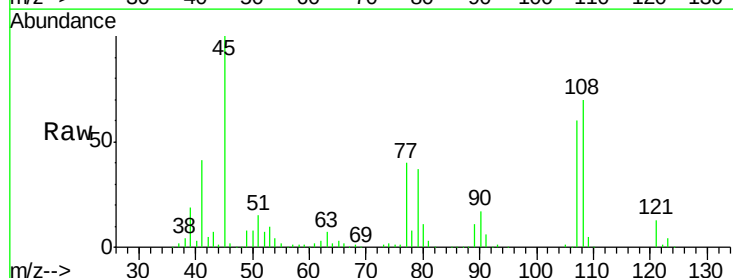
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

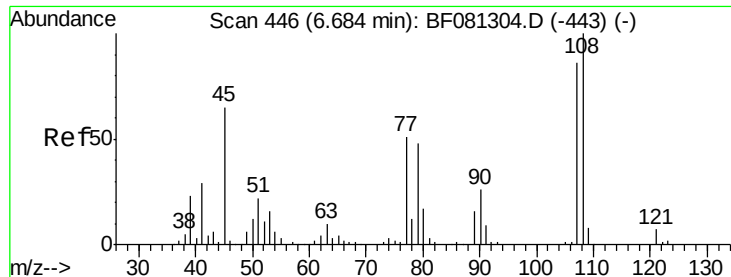
Tot Ion: 79 Resp: 152050
Ion Ratio Lower Upper
79 100
108 69.6 88.6 132.8#
77 62.6 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.31 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion: 45 Resp: 319356
Ion Ratio Lower Upper
45 100
77 39.7 0.0 28.1#
79 36.9 0.0 26.0#

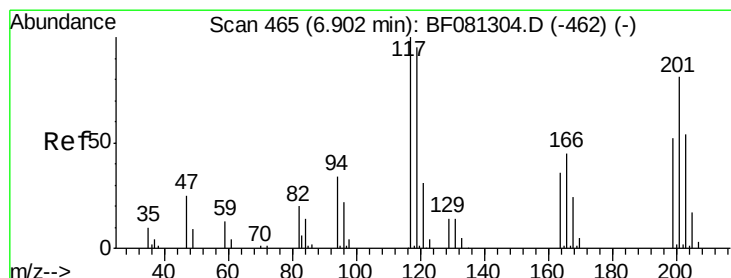
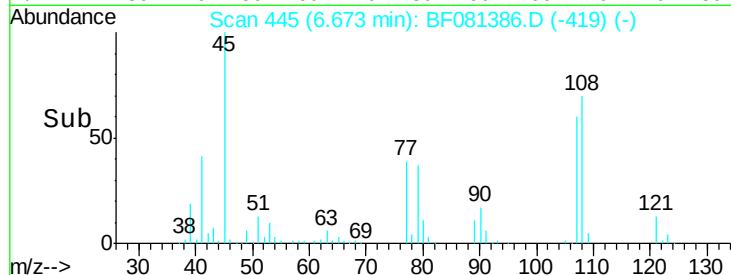
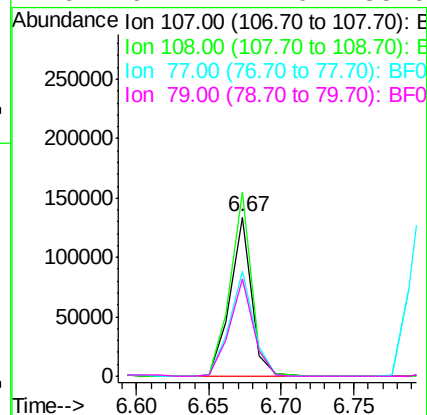
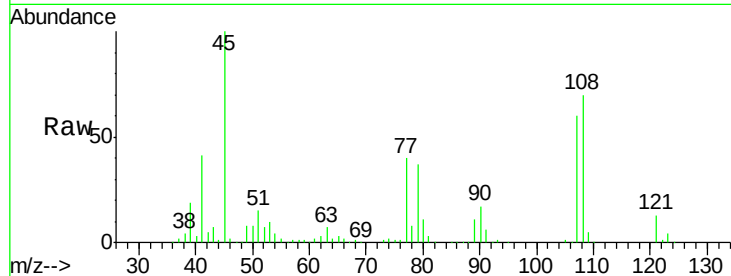




#17
2-Methylphenol
Concen: 38.67 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

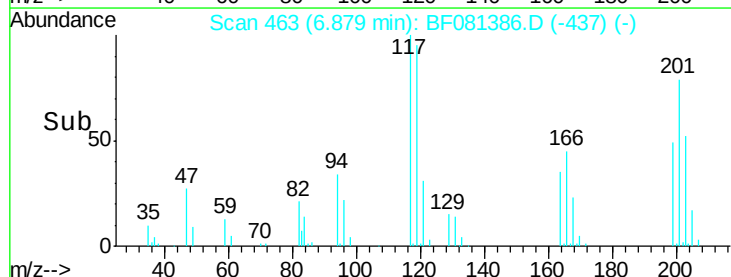
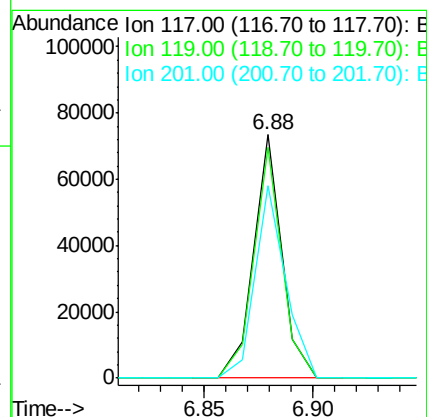
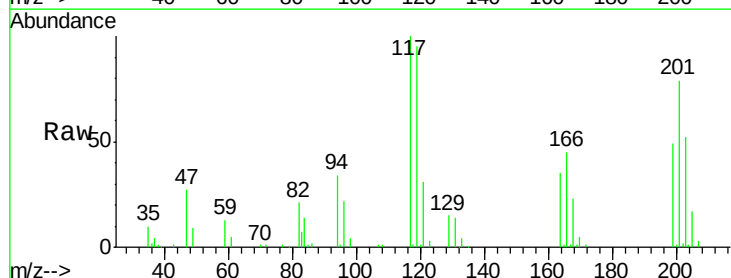
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

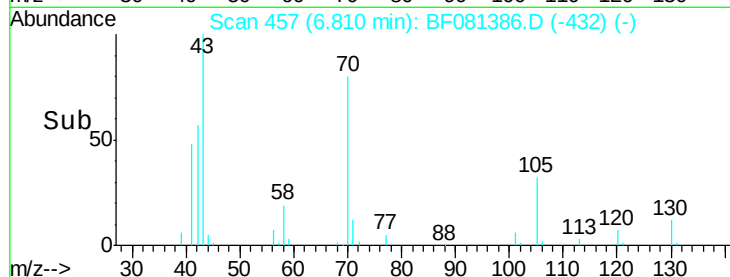
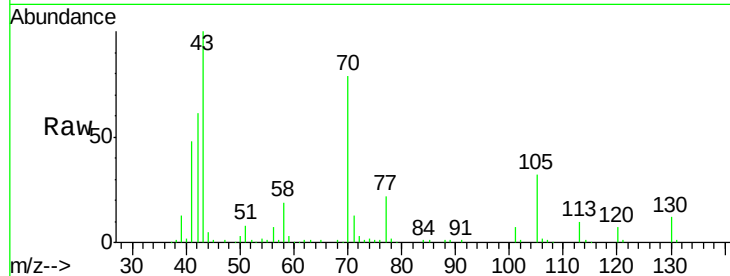
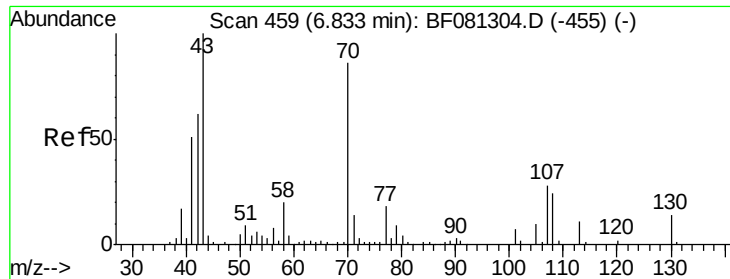
Tot Ion:107 Resp: 137122
Ion Ratio Lower Upper
107 100
108 115.9 96.6 145.0
77 66.0 23.3 34.9#
79 61.4 22.0 33.0#



#18
Hexachloroethane
Concen: 35.08 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:117 Resp: 65984
Ion Ratio Lower Upper
117 100
119 94.9 83.8 125.6
201 78.9 55.1 82.7

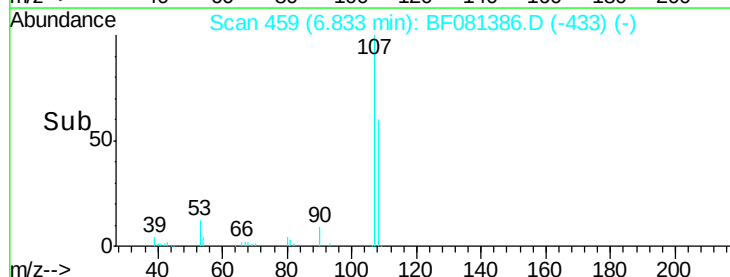
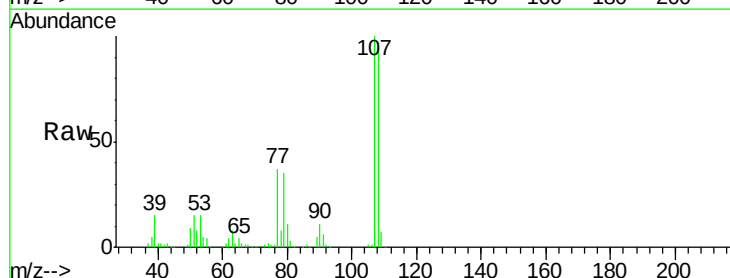
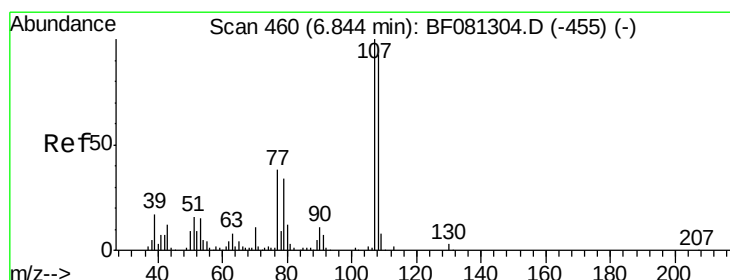
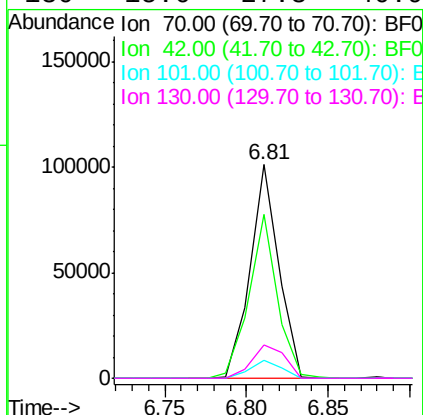




#19
n-Nitroso-di-n-propylamine
Concen: 33.92 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

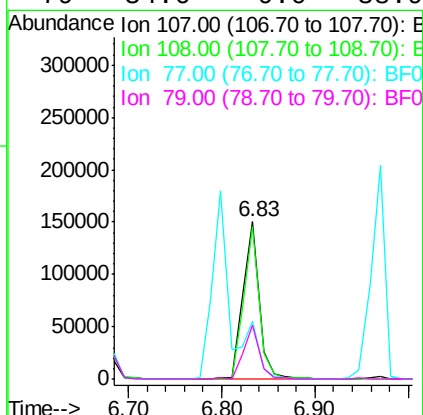
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

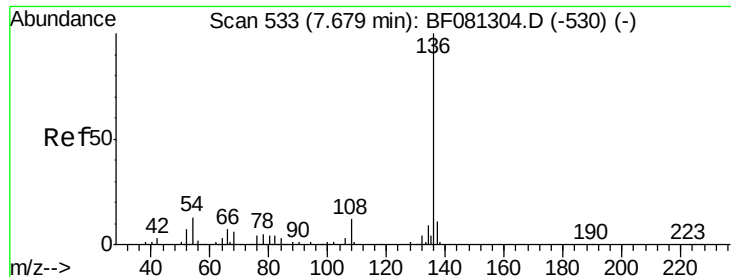
Tot Ion	Ratio	Lower	Upper
70	100		
42	76.7	63.8	95.6
101	8.2	9.2	13.8
130	15.6	27.3	40.9



#20
3+4-Methylphenols
Concen: 37.99 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	74.6	114.6
77	36.9	0.7	40.7
79	34.6	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

Tot Ion:136 Resp: 235244

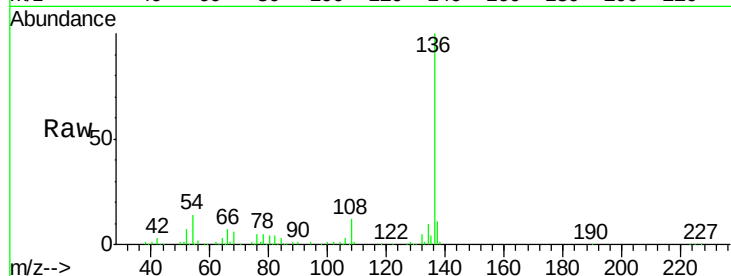
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 13.7 8.2 12.2#

68 6.1 5.8 8.6

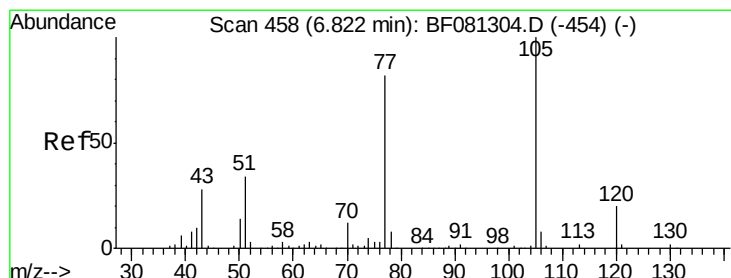
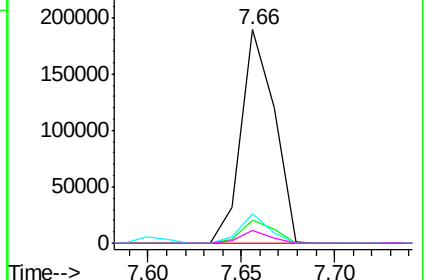
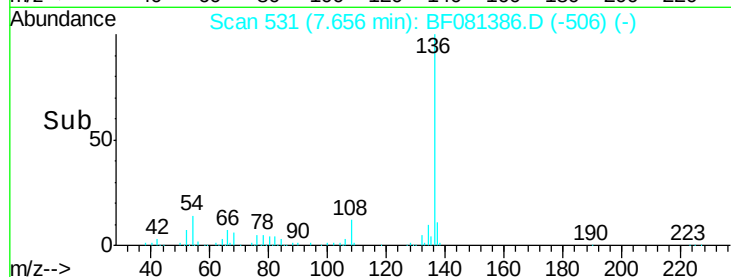


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.32 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Tgt Ion:105 Resp: 246239

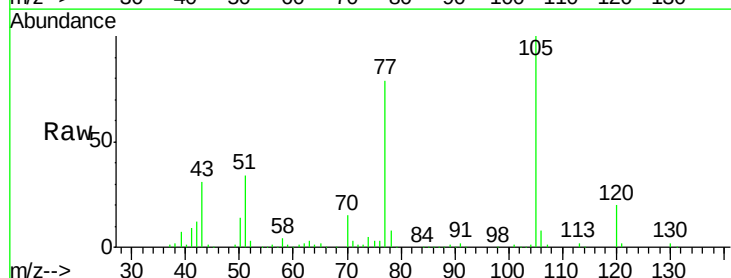
Ion Ratio Lower Upper

105 100

71 2.5 4.7 7.1#

51 34.1 22.0 33.0#

120 19.6 30.1 45.1#

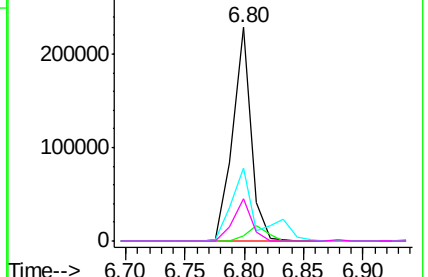
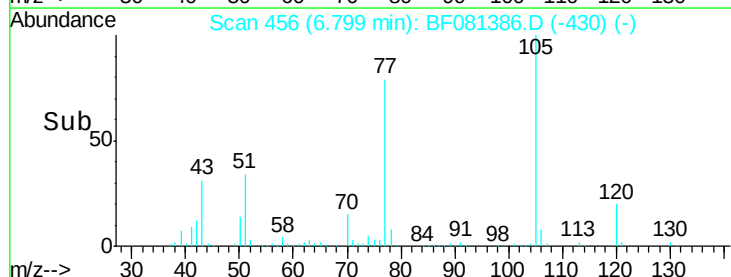


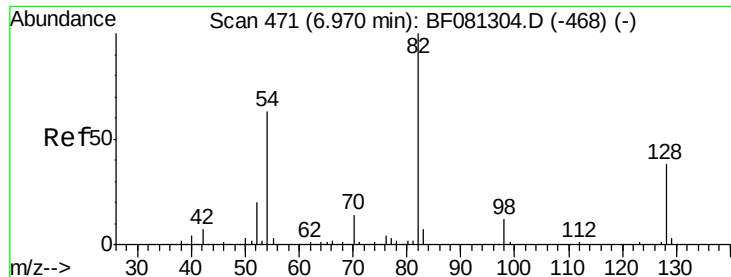
Abundance Ion 105.00 (104.70 to 105.70): E

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

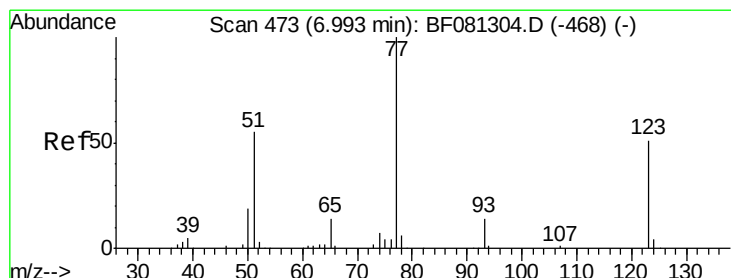
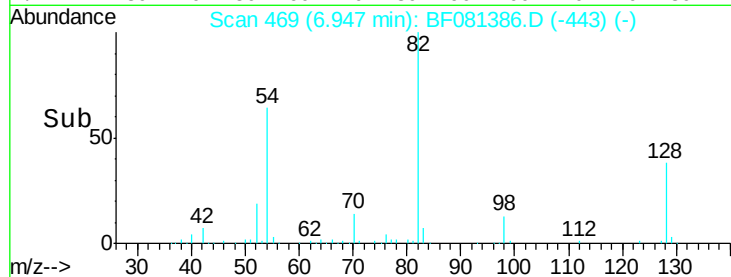
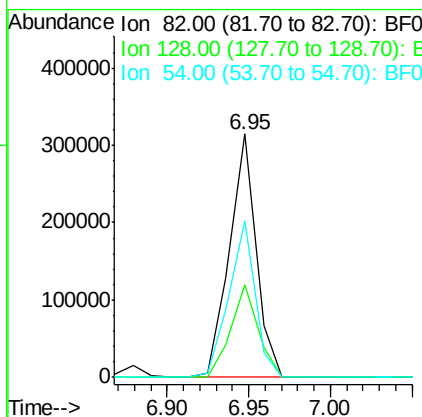
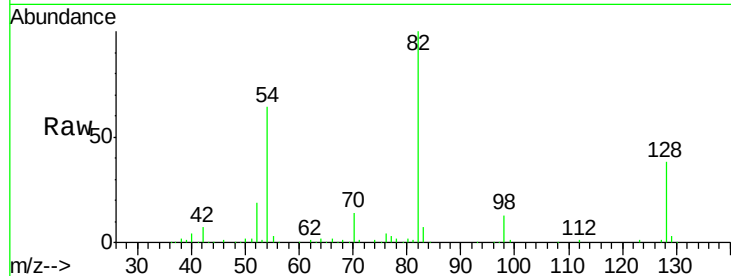




#23
 Nitrobenzene-d5
 Concen: 72.68 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

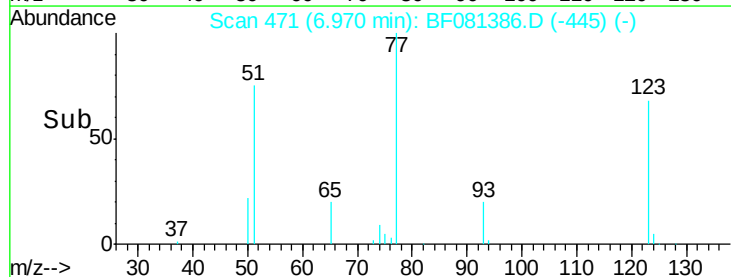
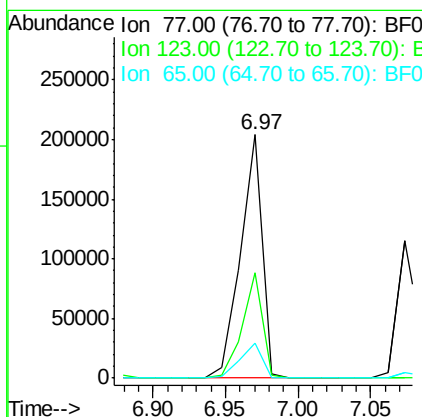
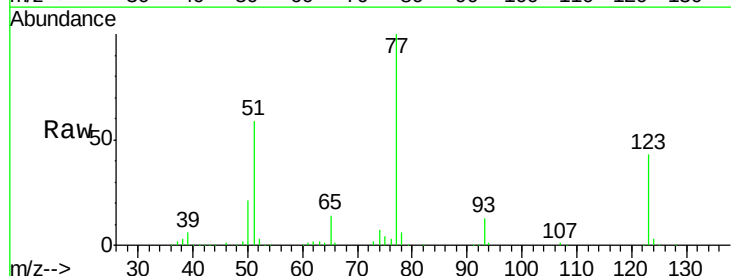
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

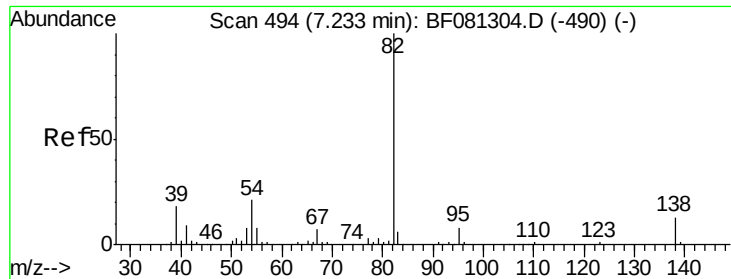
Tot Ion: 82 Resp: 354396
 Ion Ratio Lower Upper
 82 100
 128 37.8 51.0 76.6#
 54 64.1 47.5 71.3



#24
 Nitrobenzene
 Concen: 41.71 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion: 77 Resp: 211202
 Ion Ratio Lower Upper
 77 100
 123 43.0 59.8 89.8#
 65 14.4 10.2 15.4





#25

Isophorone

Concen: 35.90 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

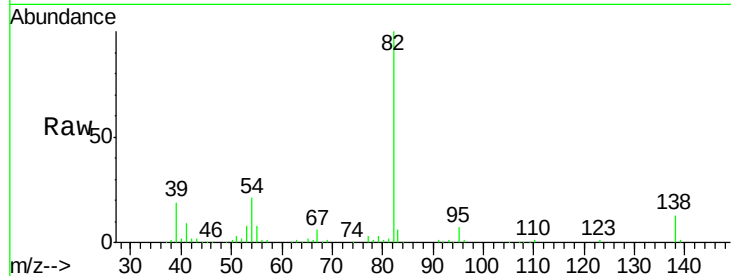
Tot Ion: 82 Resp: 325591

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

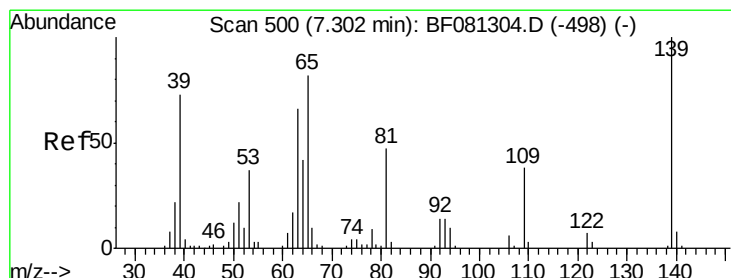
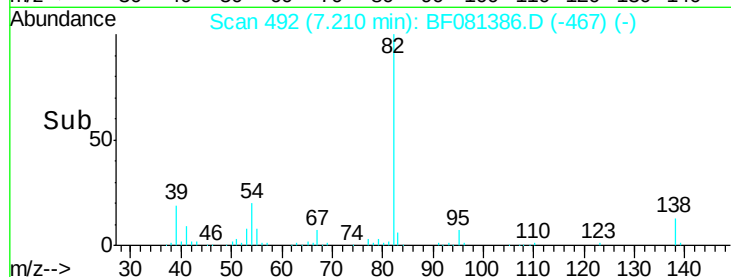
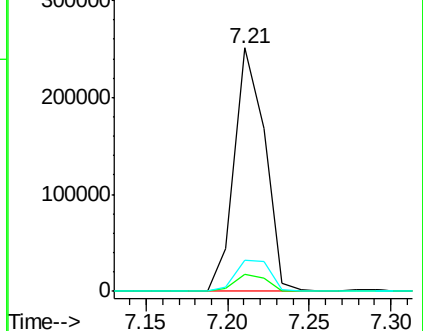
138 12.9 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.93 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

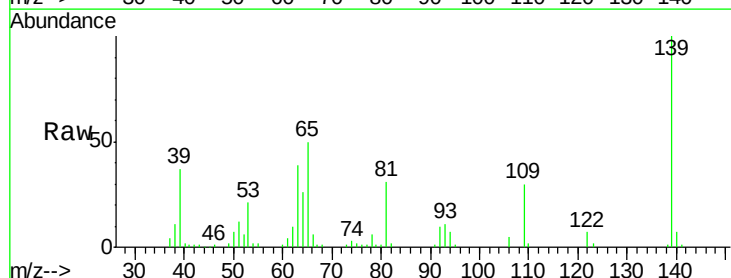
Tgt Ion: 139 Resp: 85922

Ion Ratio Lower Upper

139 100

109 30.3 11.0 16.4#

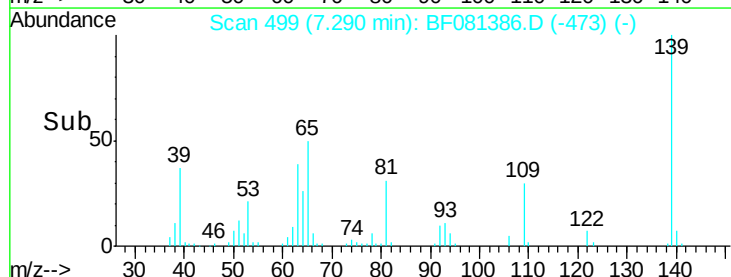
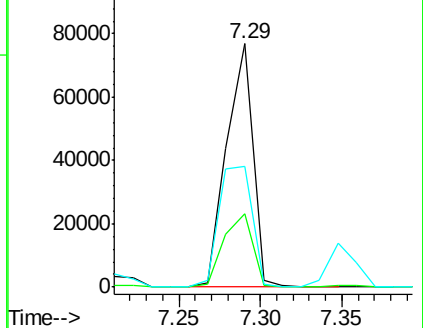
65 49.7 24.7 37.1#

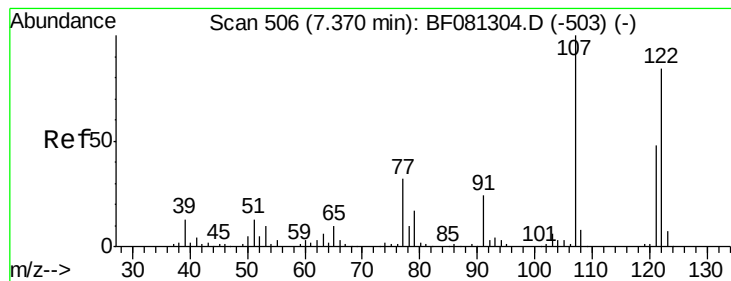


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

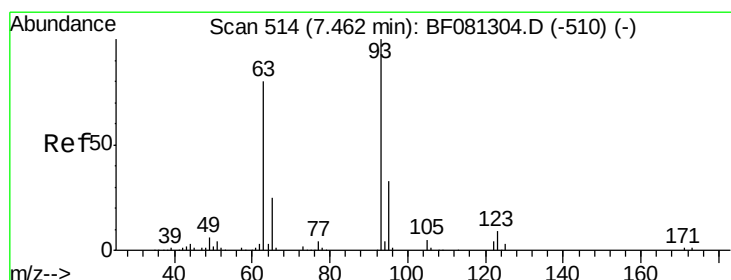
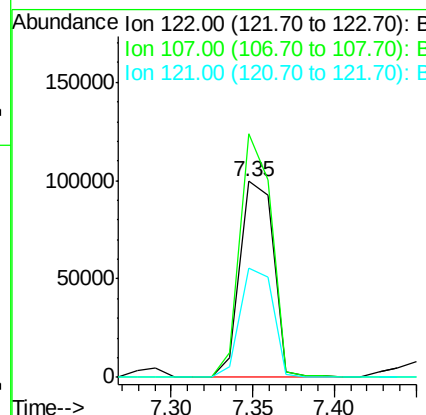
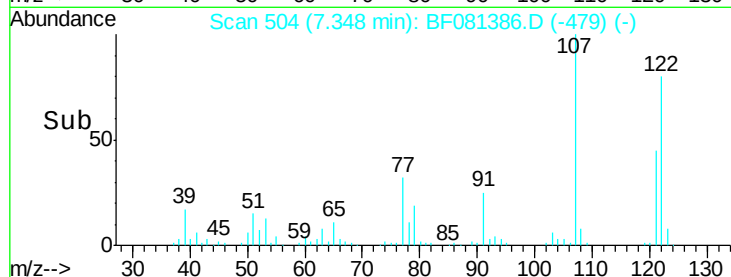
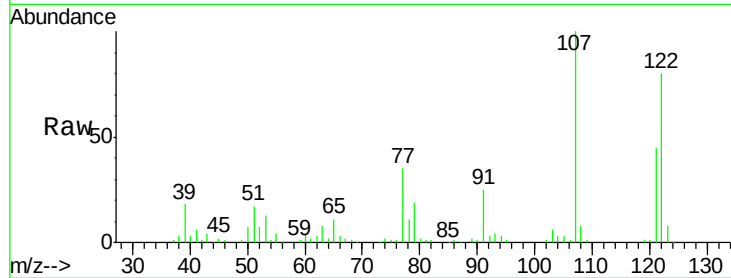




#27
 2,4-Dimethylphenol
 Concen: 37.13 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

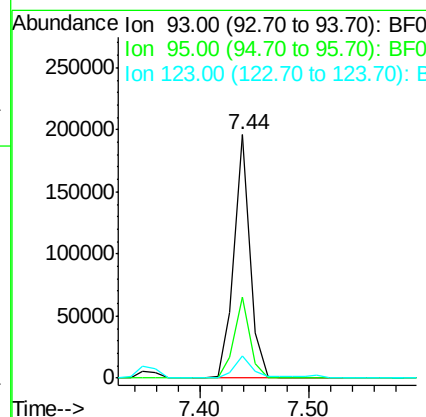
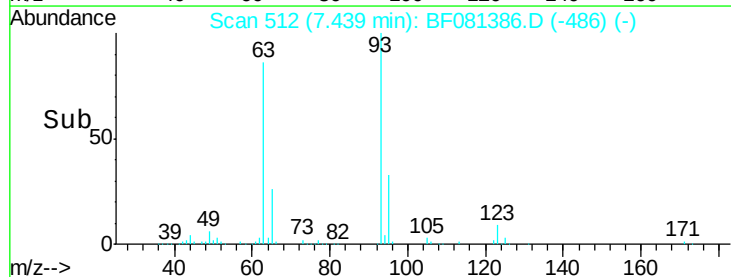
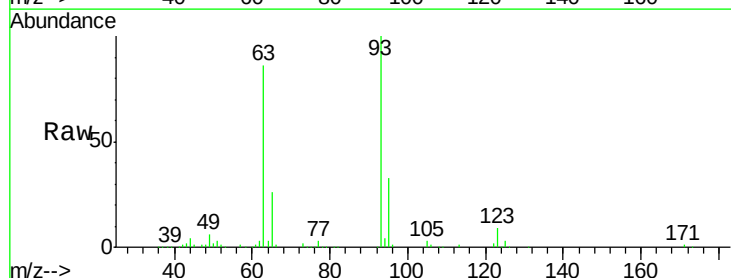
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

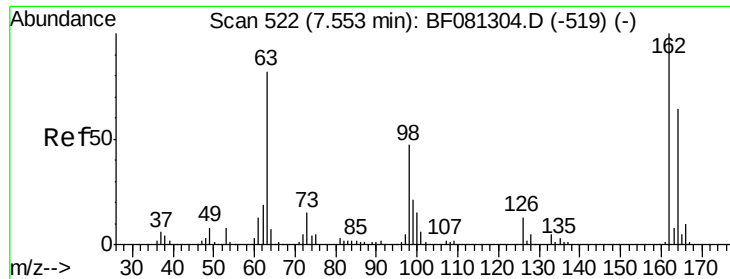
Tot Ion:122 Resp: 141540
 Ion Ratio Lower Upper
 122 100
 107 124.4 71.8 107.6#
 121 55.7 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.84 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion: 93 Resp: 198221
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.5 41.3
 123 9.0 13.7 20.5#

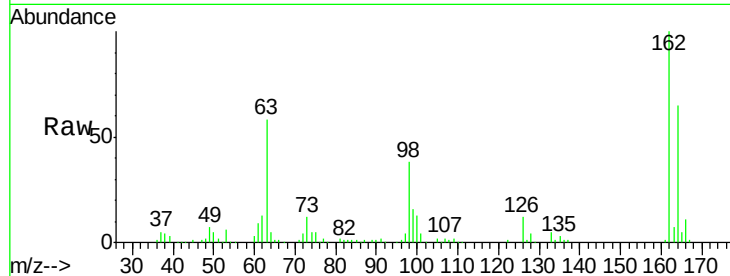




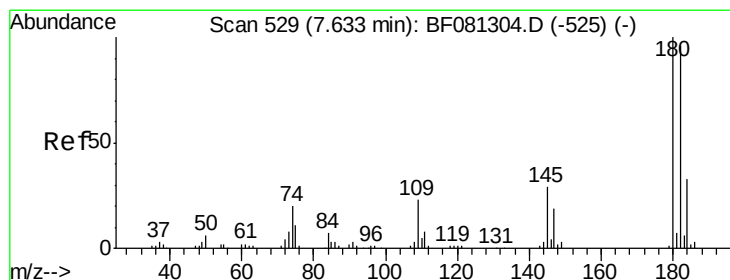
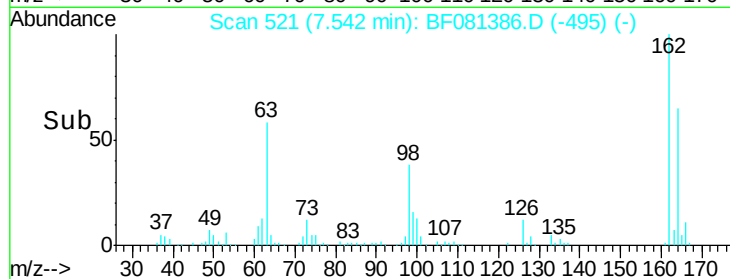
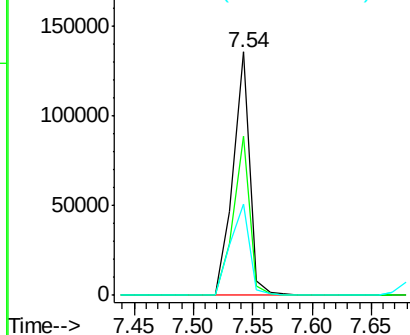
#29
 2,4-Dichlorophenol
 Concen: 40.25 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	37.7	13.0	53.0

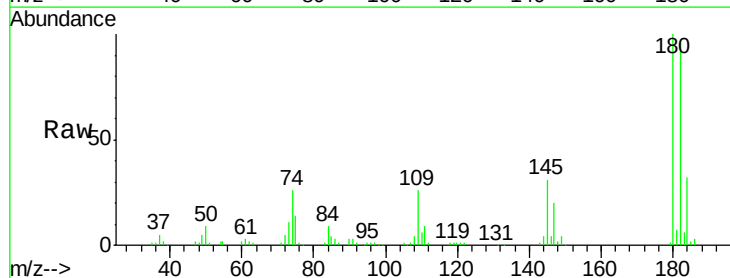


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

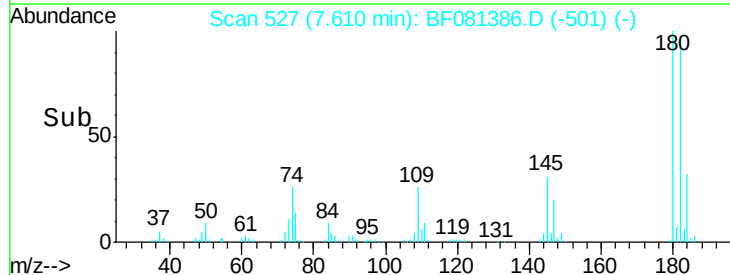
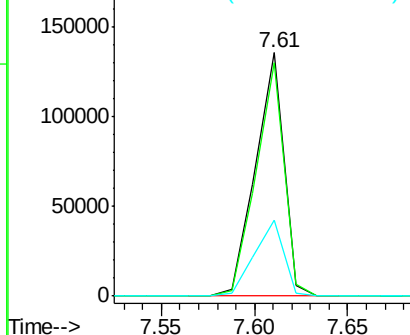


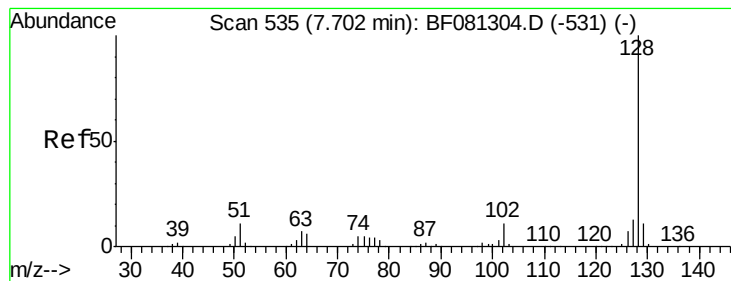
#30
 1,2,4-Trichlorobenzene
 Concen: 39.76 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	30.9	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.46 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

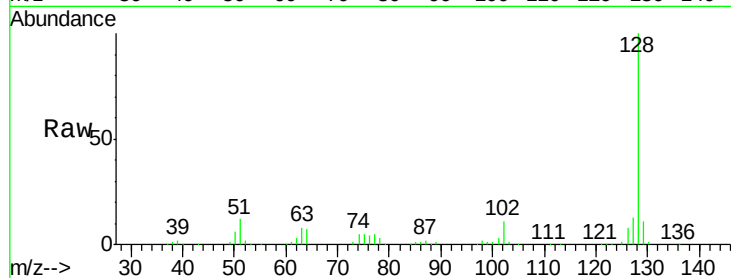
Tot Ion:128 Resp: 444919

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

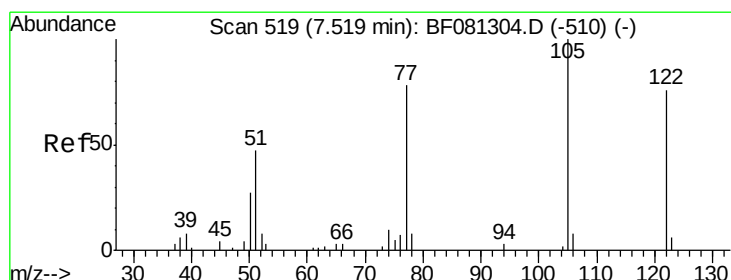
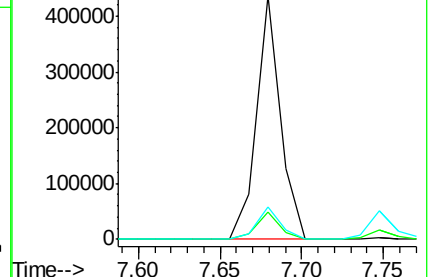
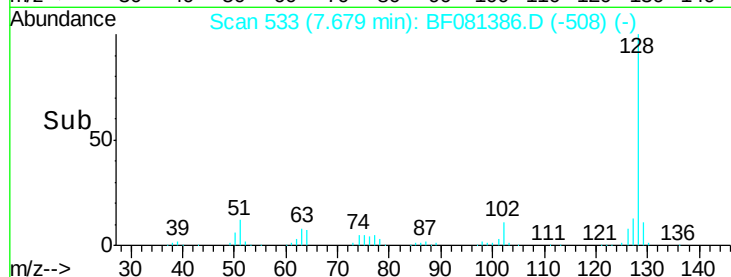
127 13.3 9.9 14.9



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: 29.58 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

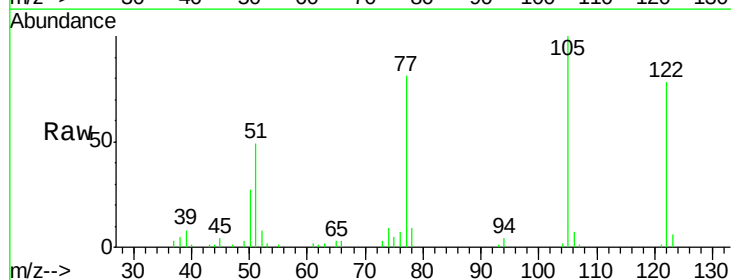
Tgt Ion:122 Resp: 77681

Ion Ratio Lower Upper

122 100

105 127.7 76.1 116.1#

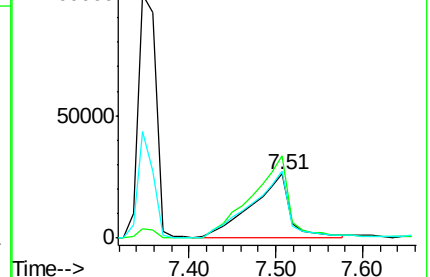
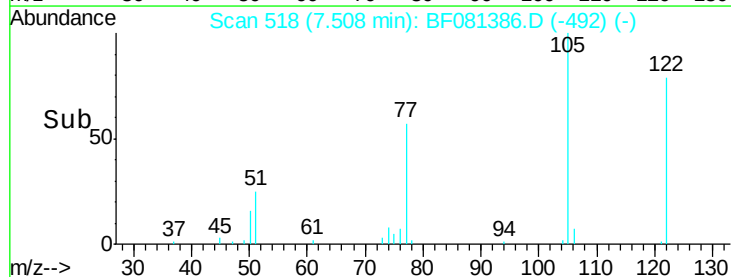
77 103.7 40.5 80.5#

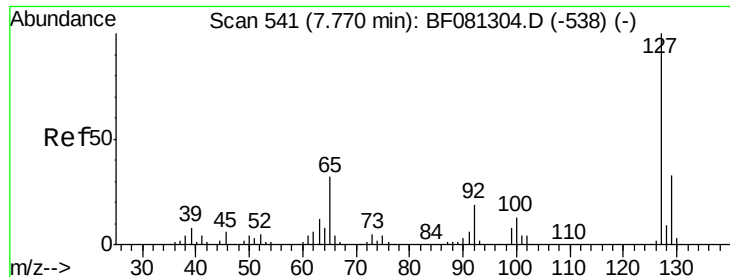


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

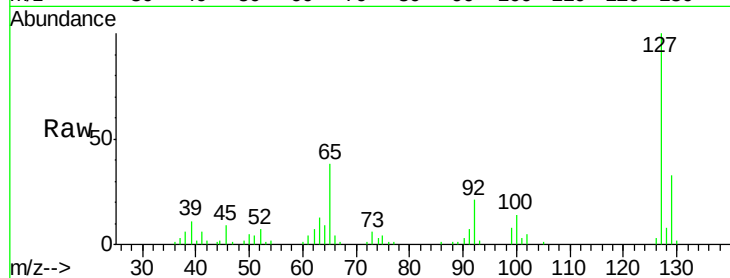




#33
4-Chloroaniline
Concen: 11.57 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Instrument :
BNA_F
ClientSampleId :
PB85376BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	37.7	17.9	26.9
92	21.3	10.5	15.7



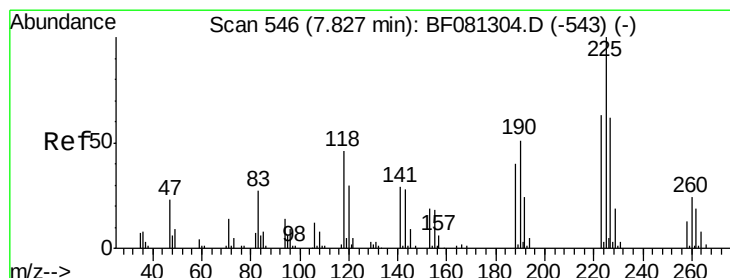
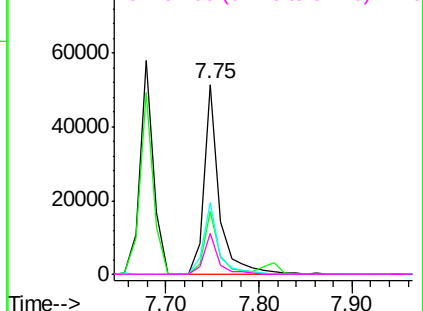
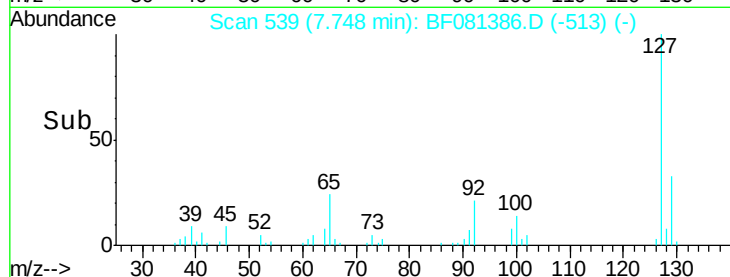
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

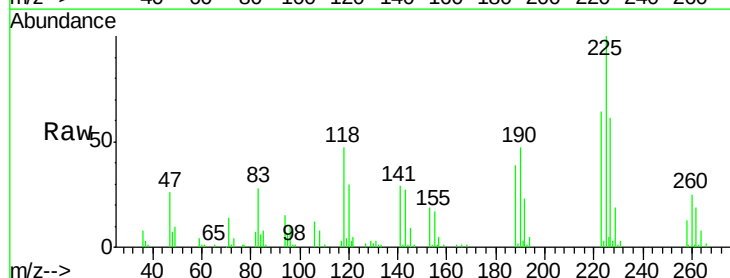
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 36.11 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	60.9	52.2	78.2

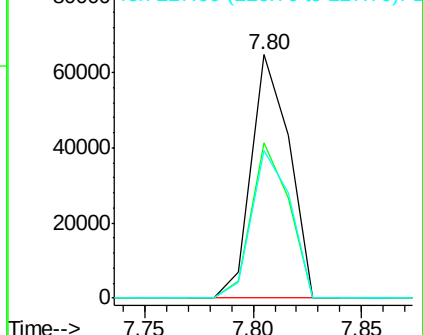
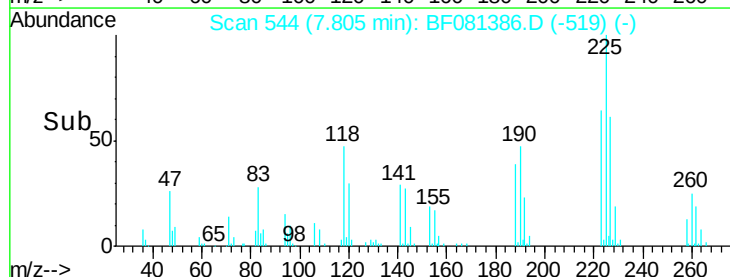


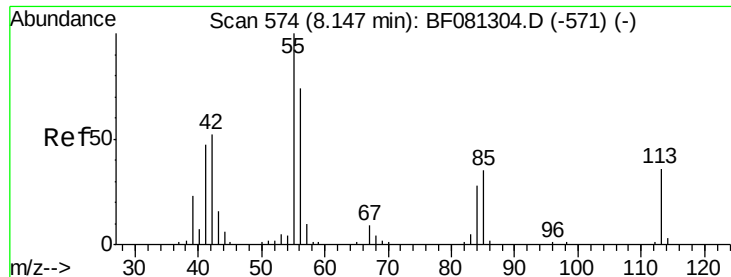
Abundance

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

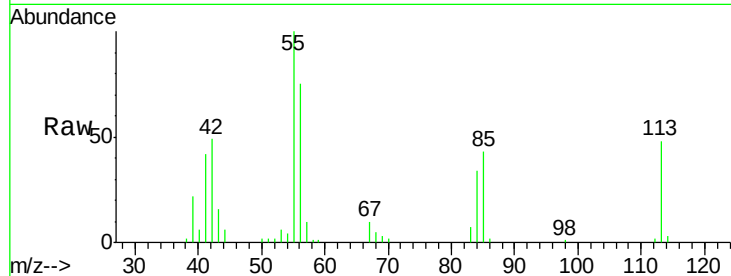




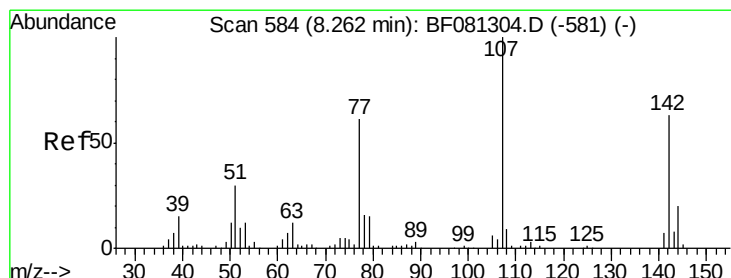
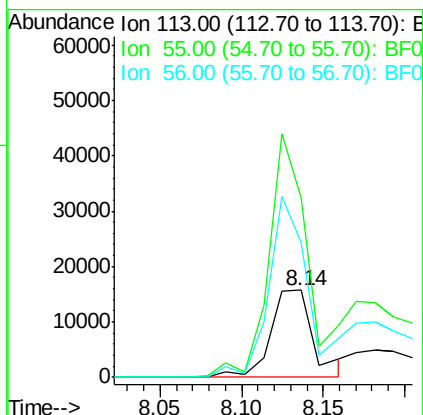
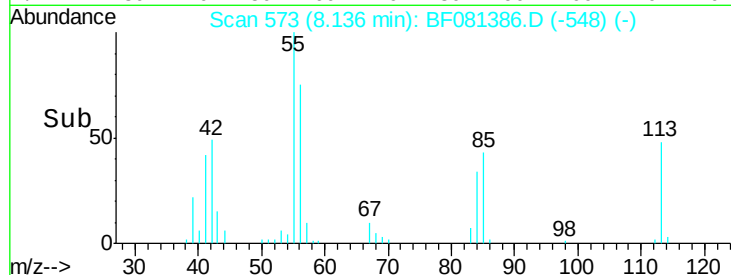
#35
 Caprolactam
 Concen: 28.27 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion:113 Resp: 28657
 Ion Ratio Lower Upper
 113 100
 55 206.9 152.4 192.4#
 56 154.8 104.6 144.6#

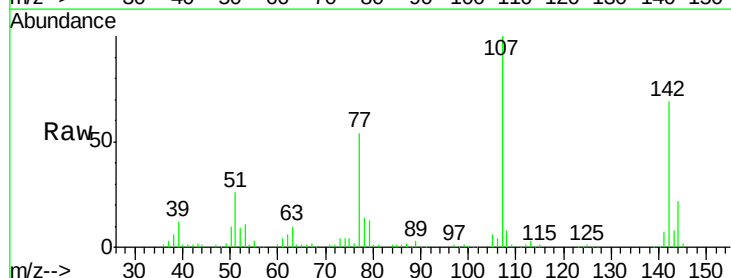


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

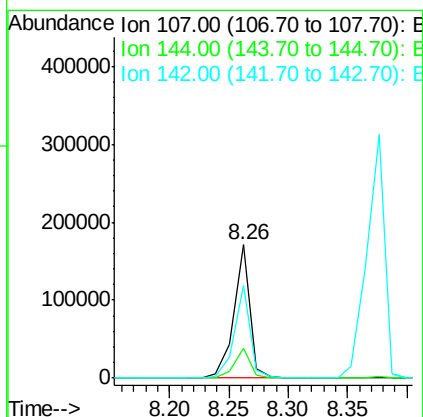
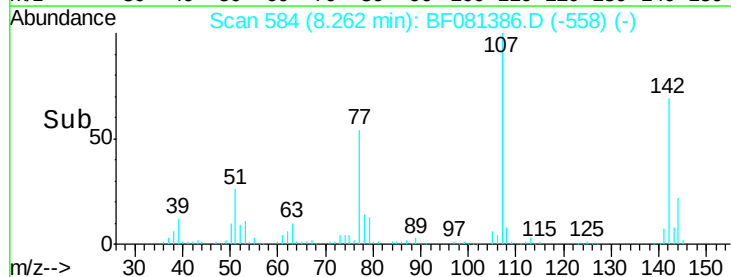


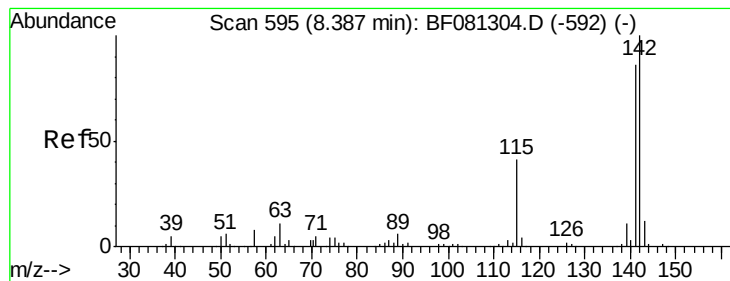
#36
 4-Chloro-3-methylphenol
 Concen: 43.71 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:107 Resp: 161707
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 69.4 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

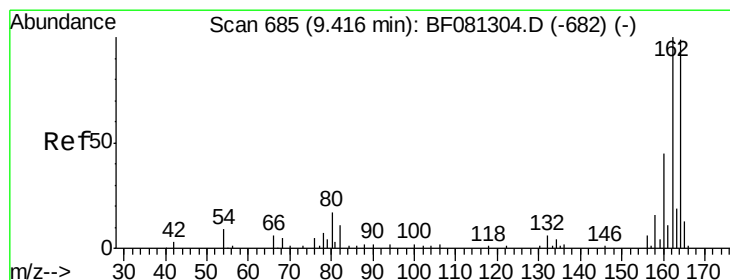
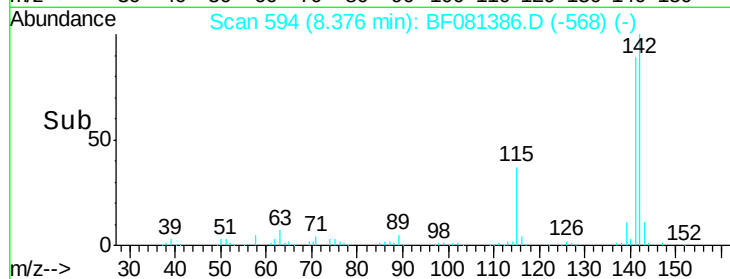
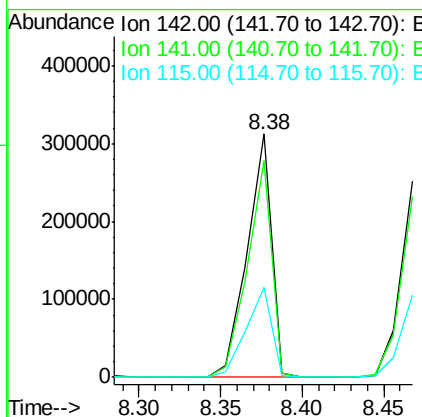
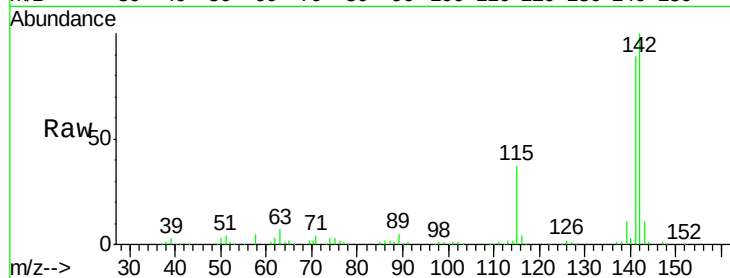




#37
 2-Methylnaphthalene
 Concen: 40.02 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

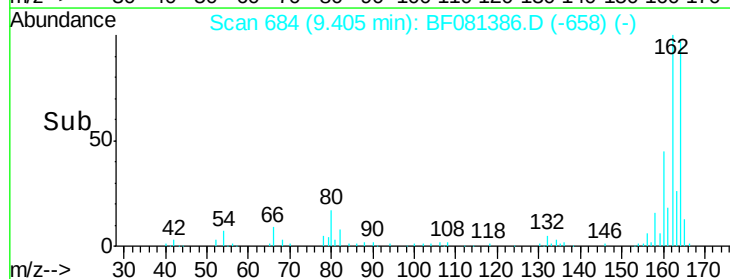
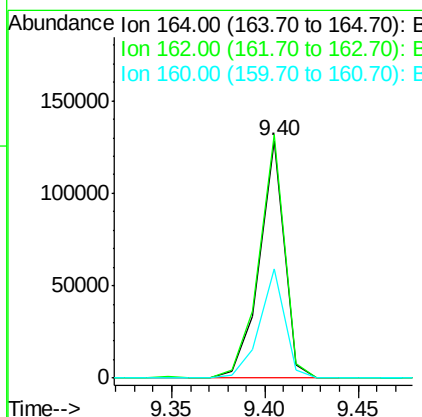
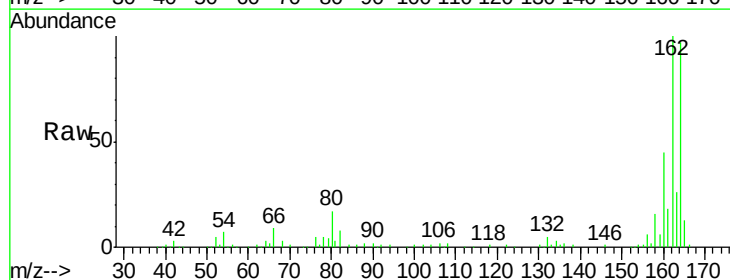
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

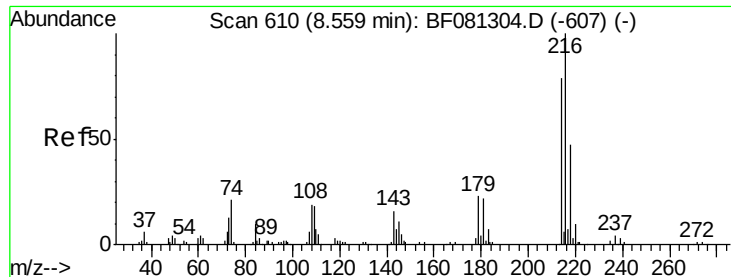
Tot Ion:142 Resp: 326769
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 37.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:164 Resp: 118355
 Ion Ratio Lower Upper
 164 100
 162 102.6 75.2 112.8
 160 46.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.09 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

Tot Ion:216 Resp: 127606

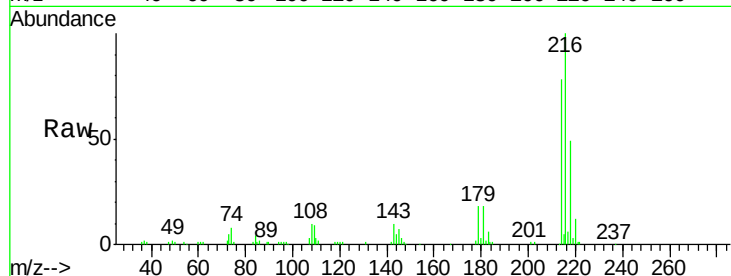
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 21.8 16.6 24.8

108 22.0 16.3 24.5

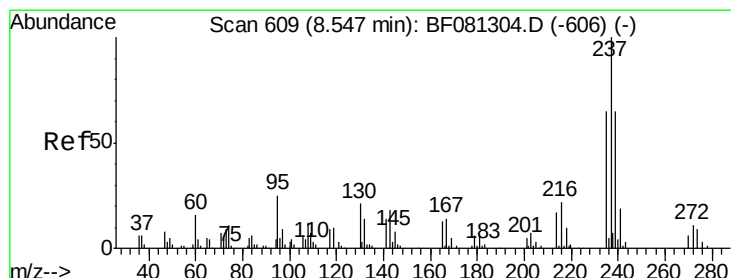
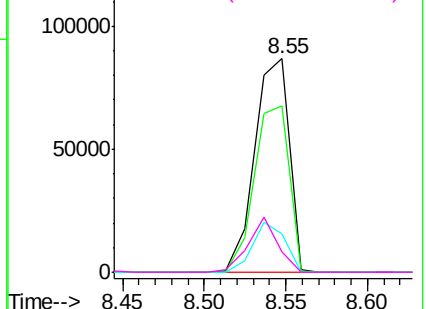
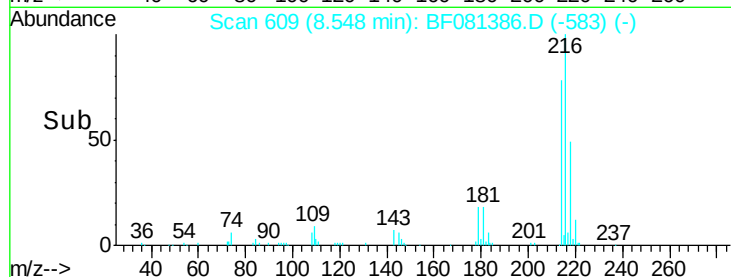


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.45 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

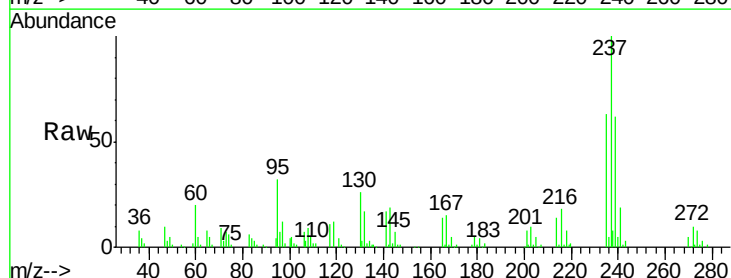
Tgt Ion:237 Resp: 136753

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

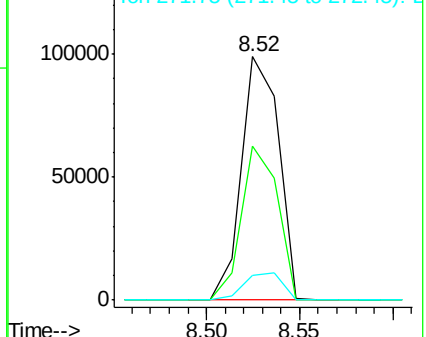
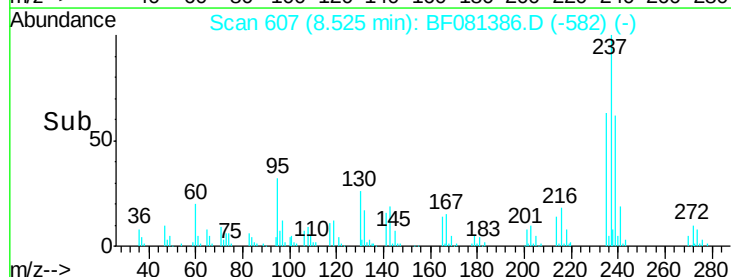
272 10.0 0.0 36.1

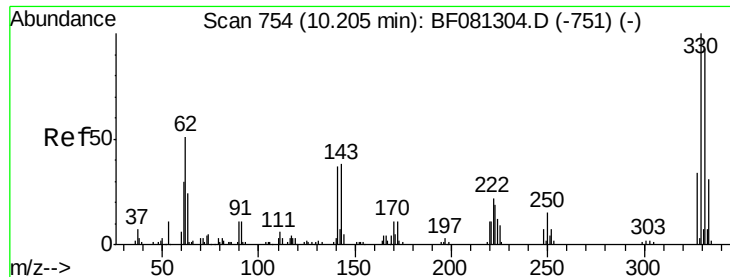


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

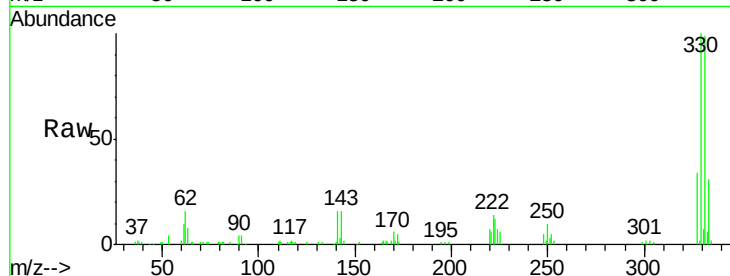




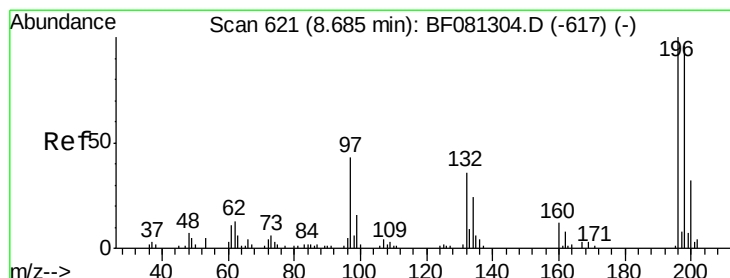
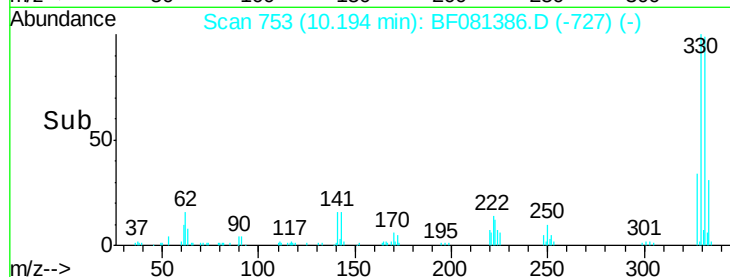
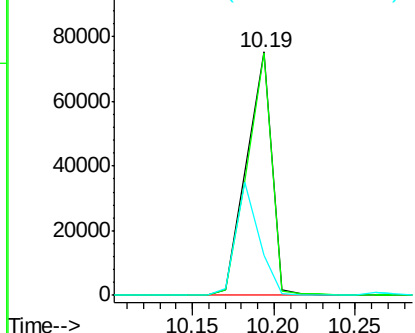
#41
 2,4,6-Tribromophenol
 Concen: 76.27 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion:330 Resp: 80380
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 42.7 29.7 44.5

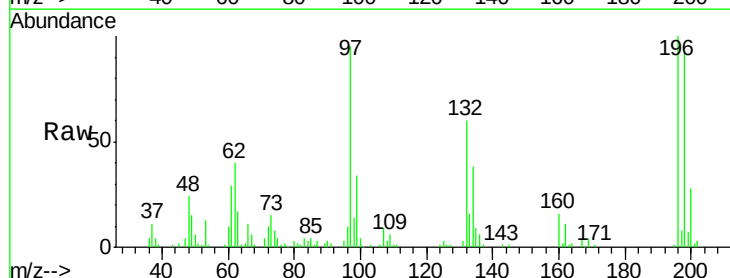


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

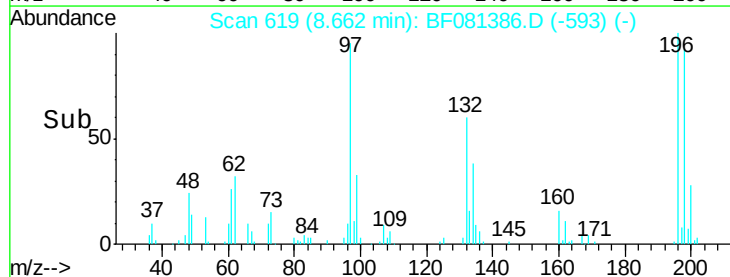
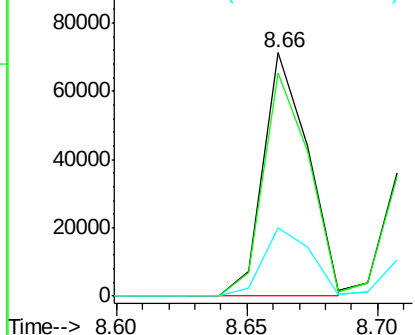


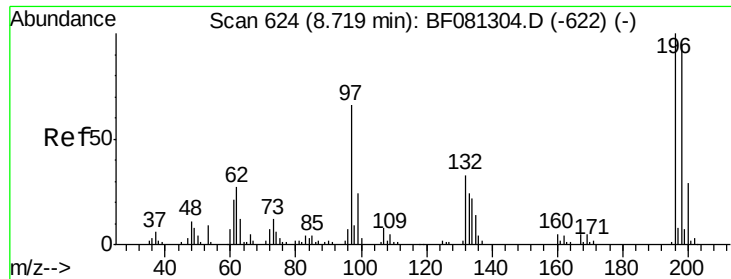
#42
 2,4,6-Trichlorophenol
 Concen: 32.95 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:196 Resp: 85126
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.7 113.5
 200 27.8 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

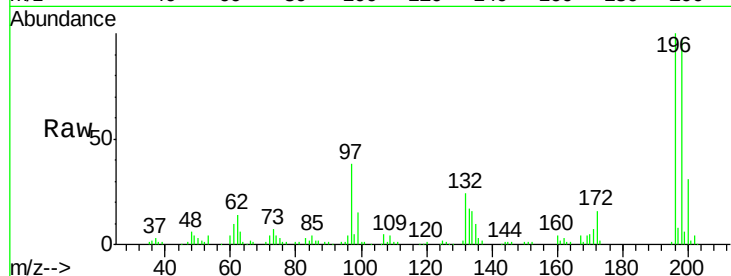




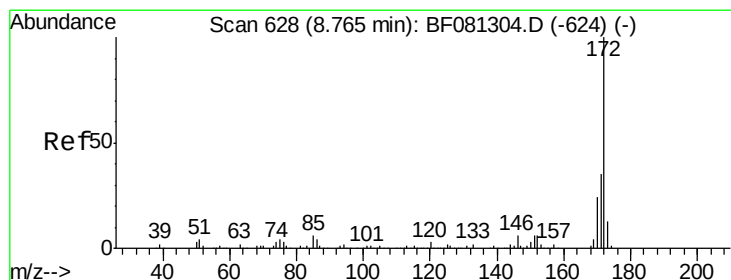
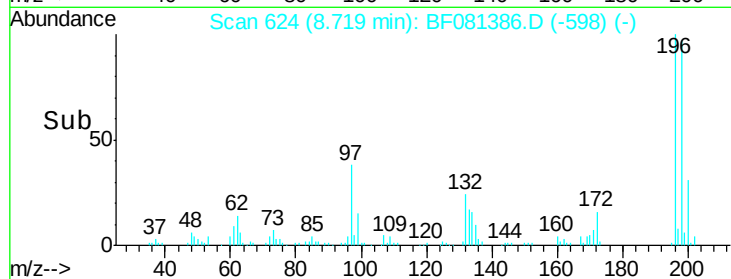
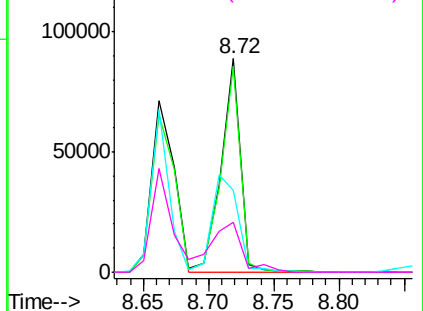
#43
 2,4,5-Trichlorophenol
 Concen: 34.99 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.4	113.0
97	38.1	33.3	49.9
132	23.6	24.6	37.0

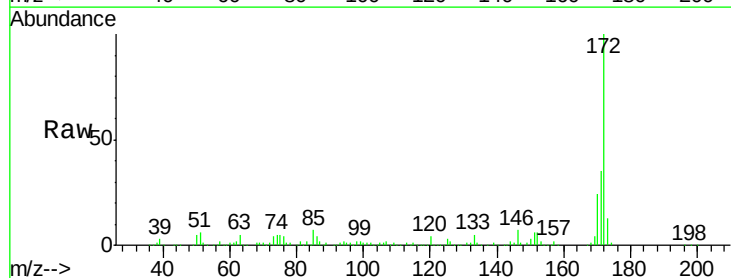


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

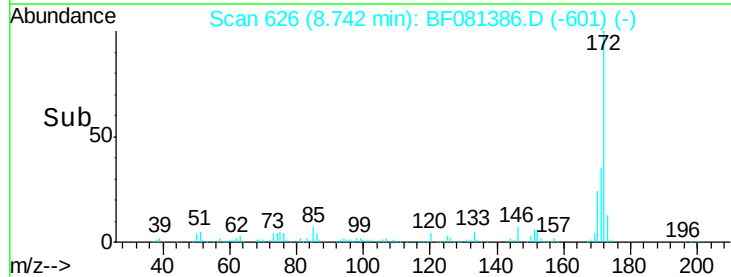
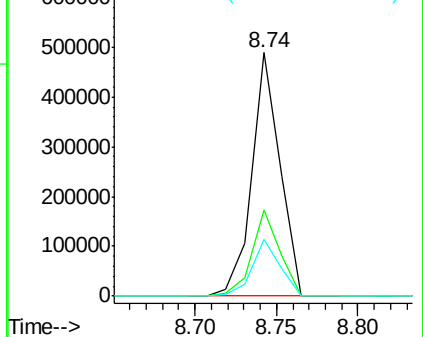


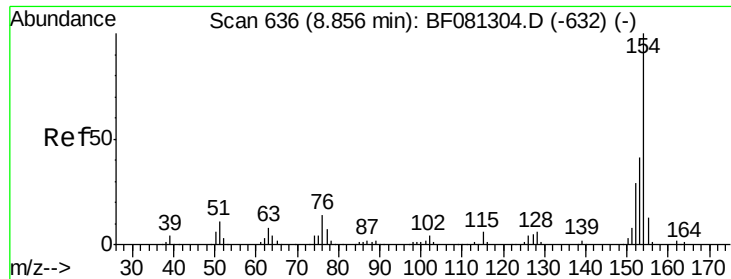
#44
 2-Fluorobiphenyl
 Concen: 63.29 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.5	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: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

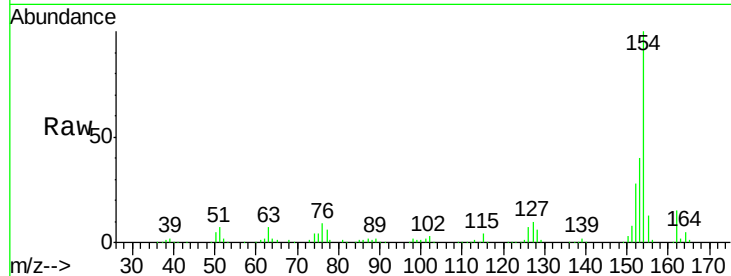
Tot Ion:154 Resp: 390758

Ion Ratio Lower Upper

154 100

153 40.1 17.1 57.1

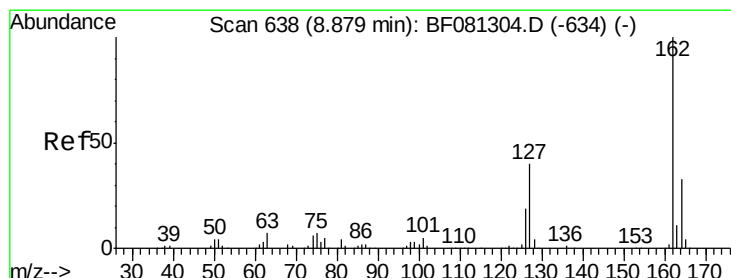
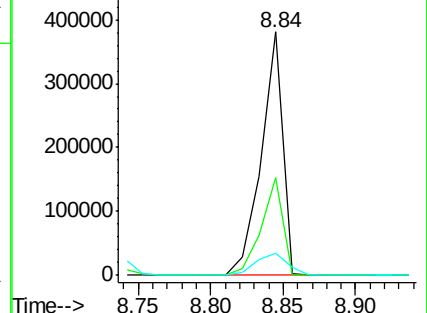
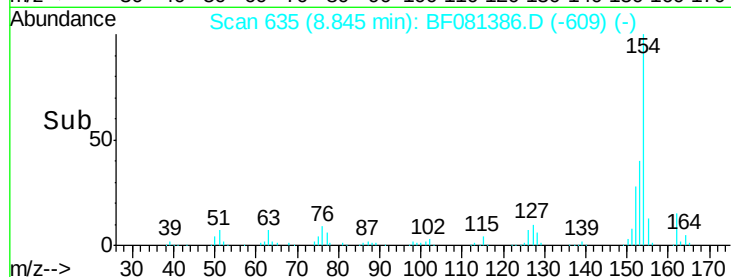
76 9.1 0.0 31.6



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: 33.74 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

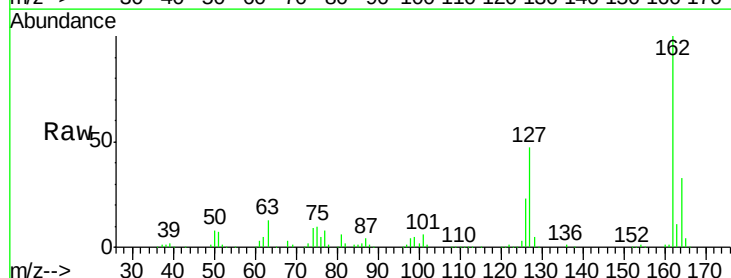
Tgt Ion:162 Resp: 265319

Ion Ratio Lower Upper

162 100

127 47.0 27.6 41.4#

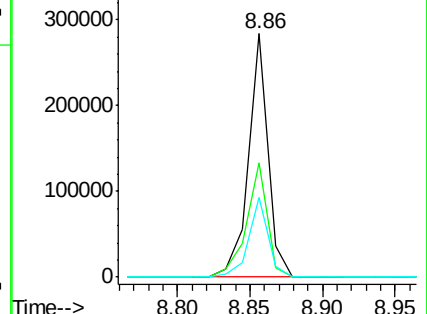
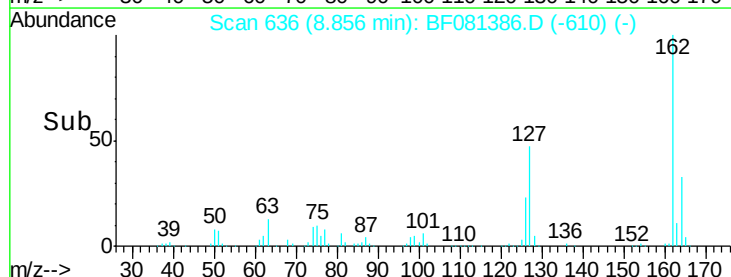
164 32.6 25.4 38.2

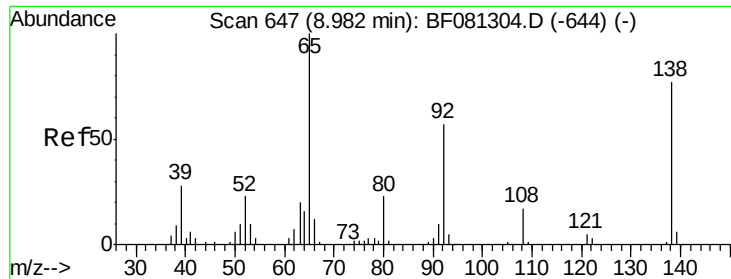


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

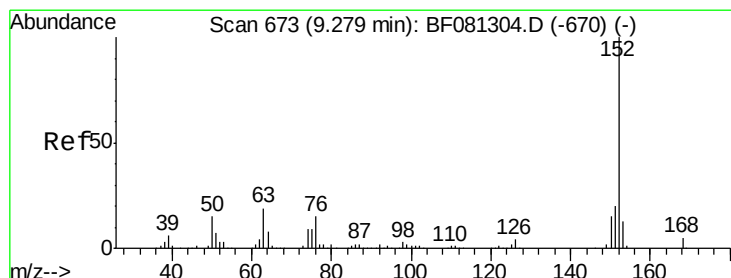
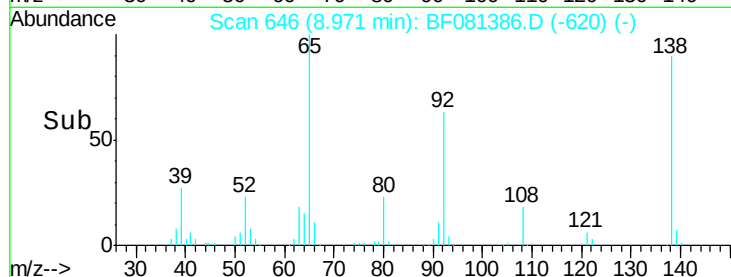
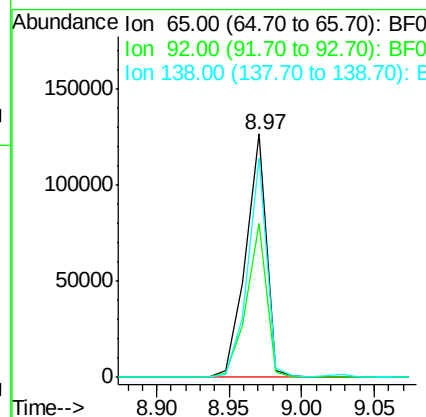
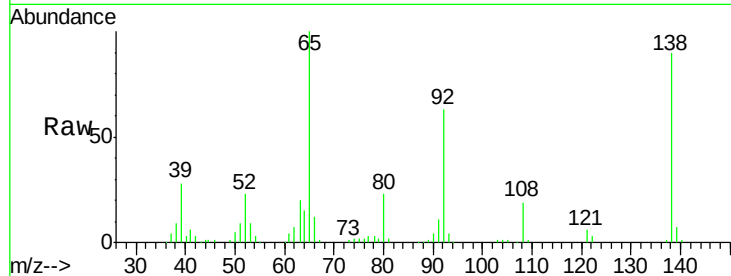




#47
 2-Nitroaniline
 Concen: 39.53 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

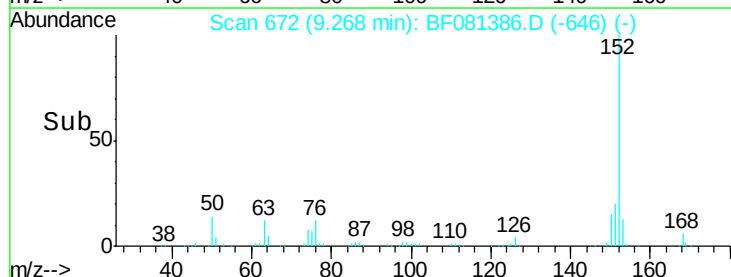
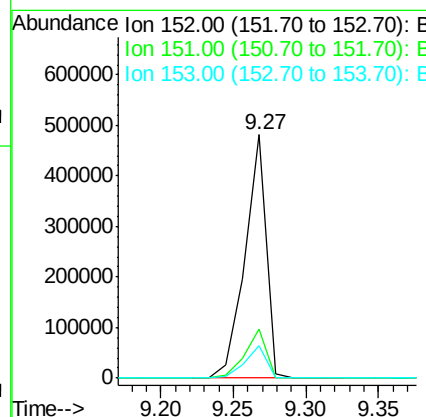
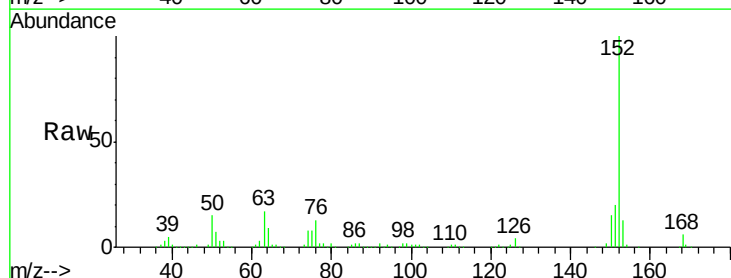
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

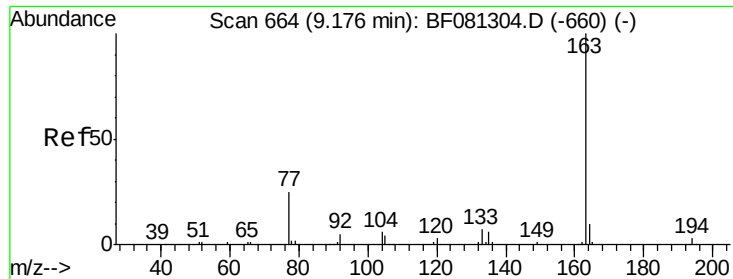
Tot Ion: 65 Resp: 126671
 Ion Ratio Lower Upper
 65 100
 92 63.2 55.4 83.0
 138 89.8 115.5 173.3#



#48
 Acenaphthylene
 Concen: 35.01 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion: 152 Resp: 488447
 Ion Ratio Lower Upper
 152 100
 151 20.0 14.6 22.0
 153 13.3 10.3 15.5

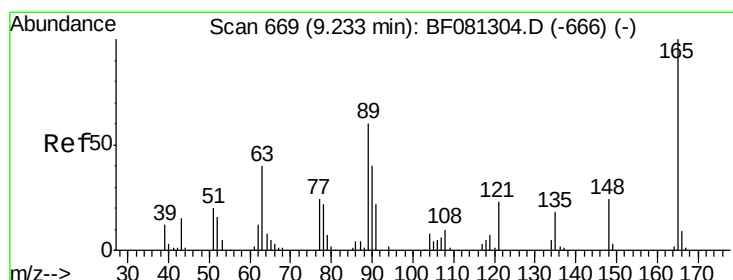
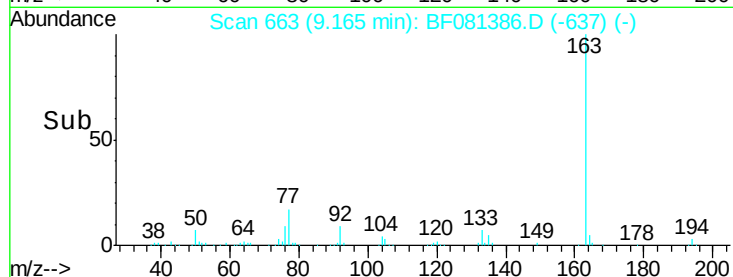
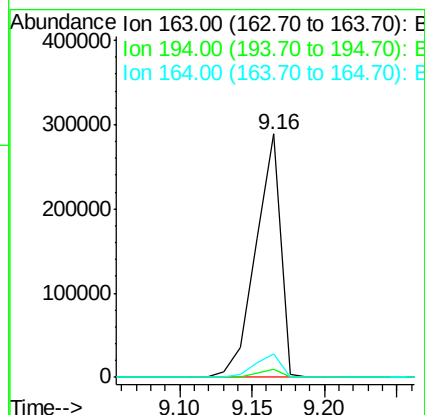
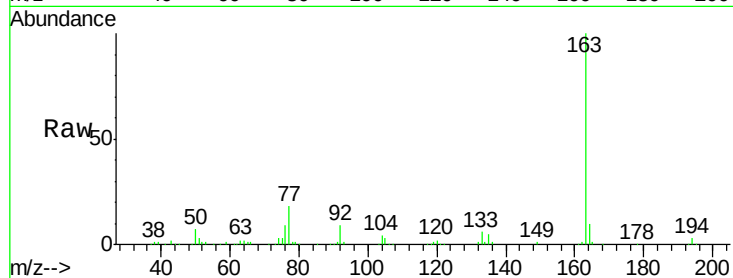




#49
Dimethylphthalate
Concen: 37.20 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

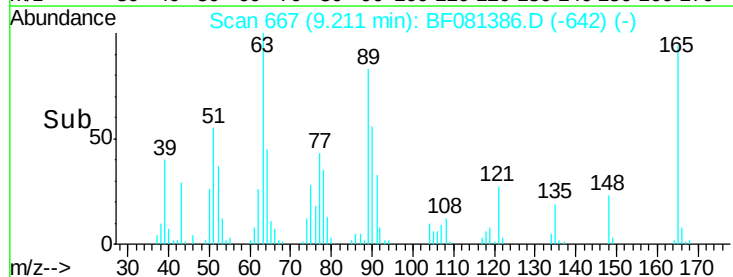
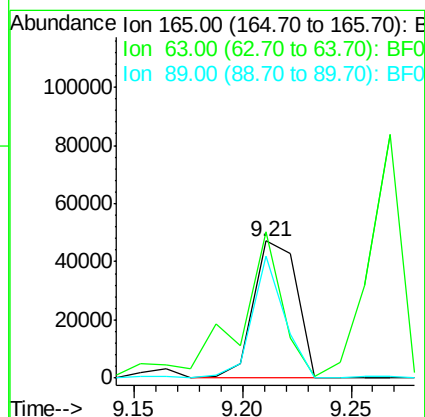
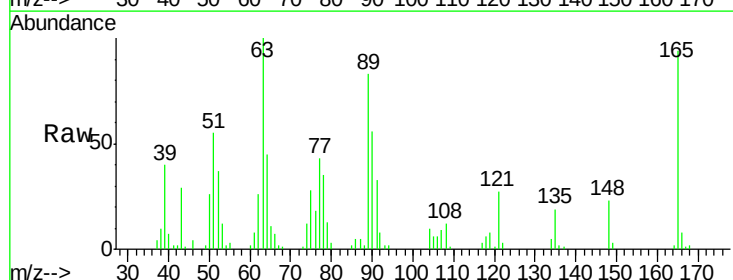
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

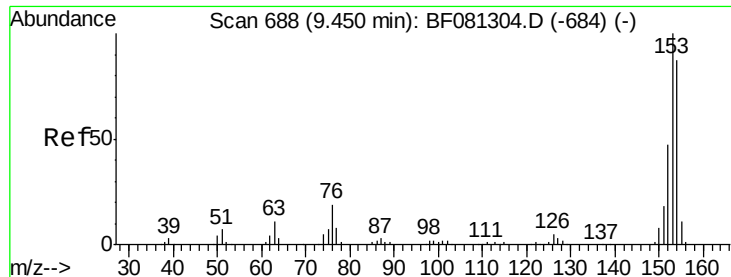
Tot Ion:163 Resp: 342116
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.7 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 31.47 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:165 Resp: 65684
Ion Ratio Lower Upper
165 100
63 106.6 32.3 48.5#
89 88.6 28.6 43.0#





#51

Acenaphthene

Concen: 36.12 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

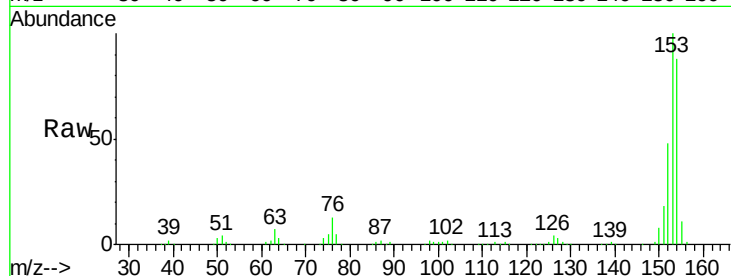
Tot Ion:154 Resp: 286632

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

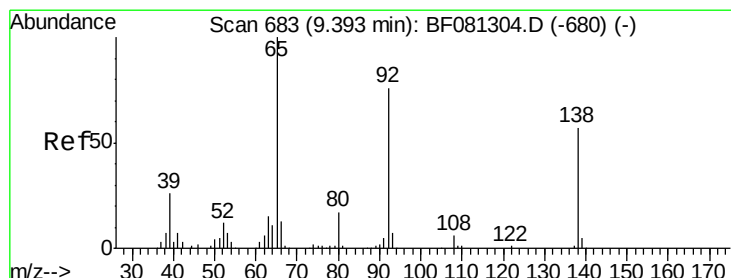
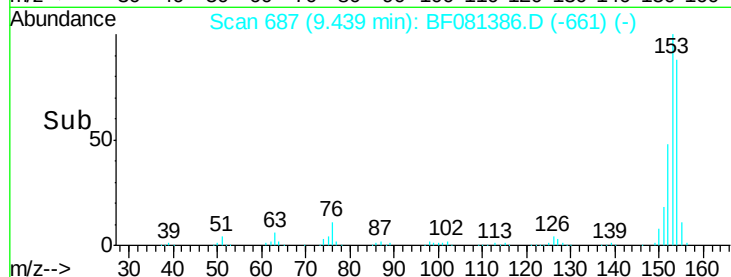
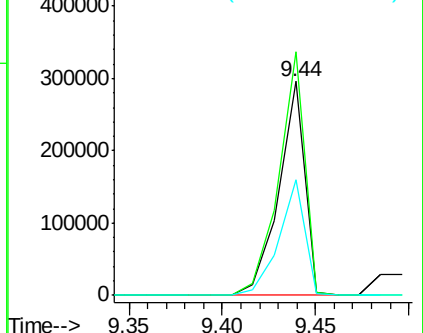
152 54.3 37.9 56.9



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: 17.01 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

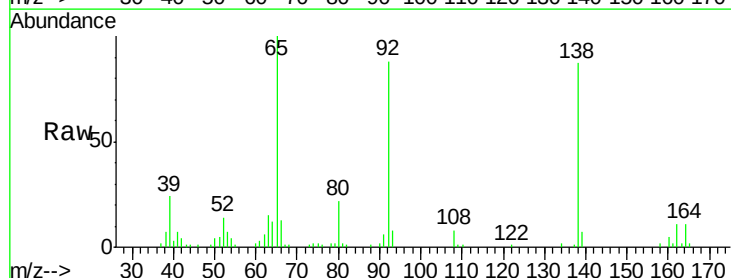
Tgt Ion:138 Resp: 40421

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

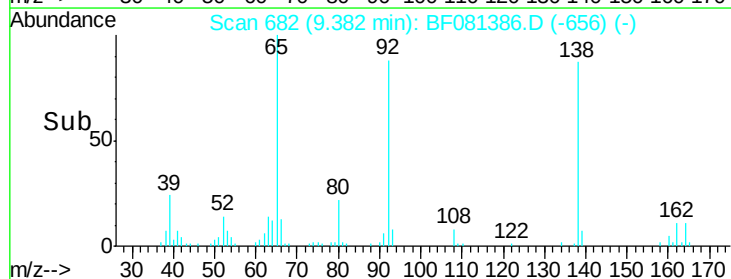
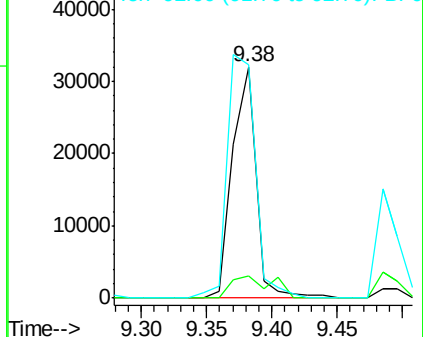
92 100.9 67.7 101.5

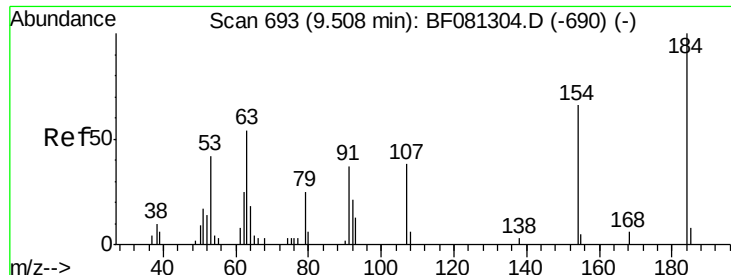


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

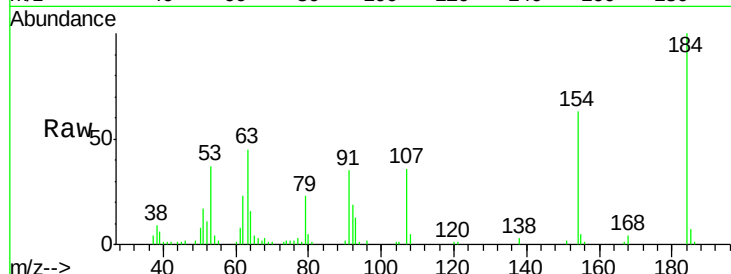




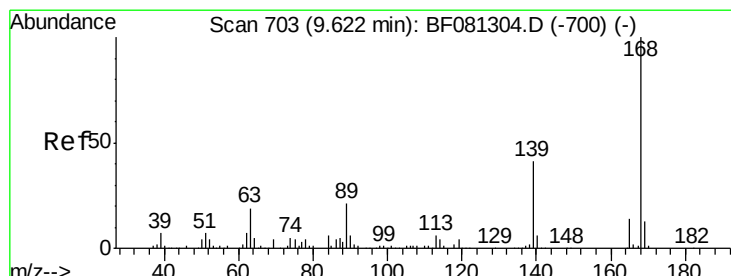
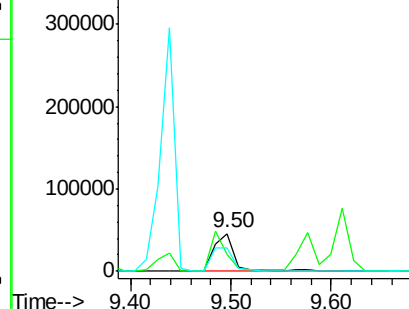
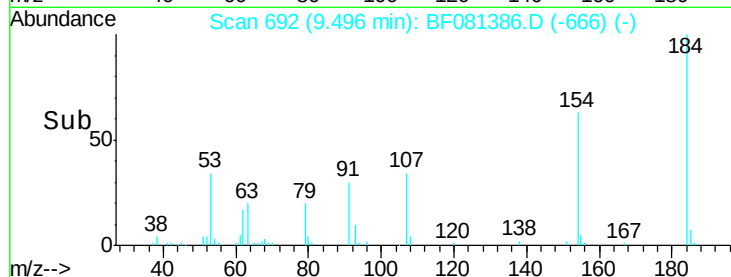
#53
 2,4-Dinitrophenol
 Concen: 73.05 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion:184 Resp: 64220
 Ion Ratio Lower Upper
 184 100
 63 44.6 35.4 53.2
 154 62.6 32.2 48.4#

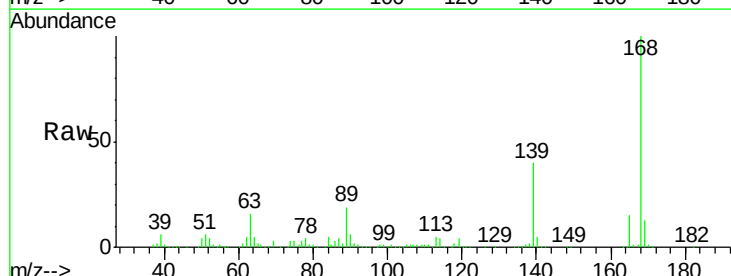


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

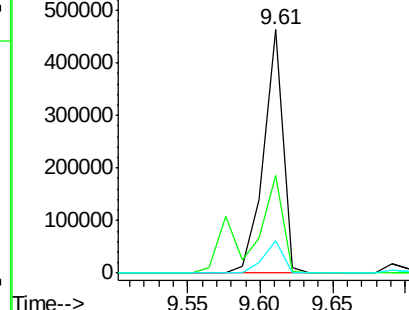
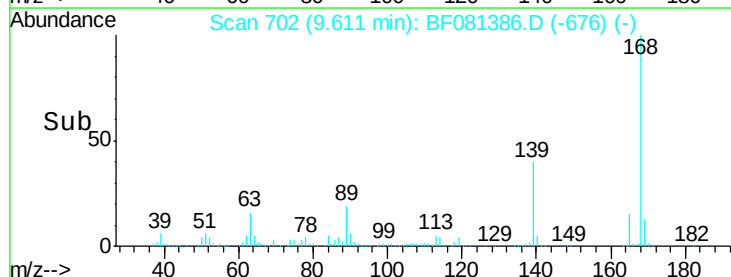


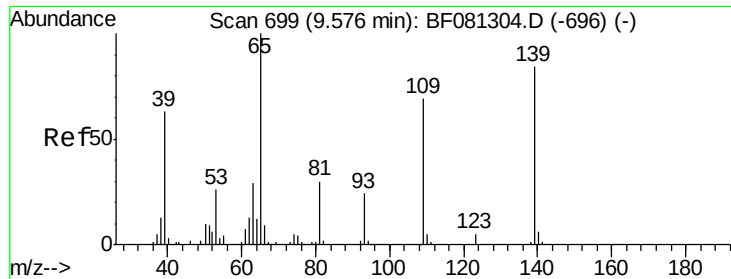
#54
 Dibenzofuran
 Concen: 37.22 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:168 Resp: 431253
 Ion Ratio Lower Upper
 168 100
 139 40.0 24.2 36.2#
 169 13.4 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

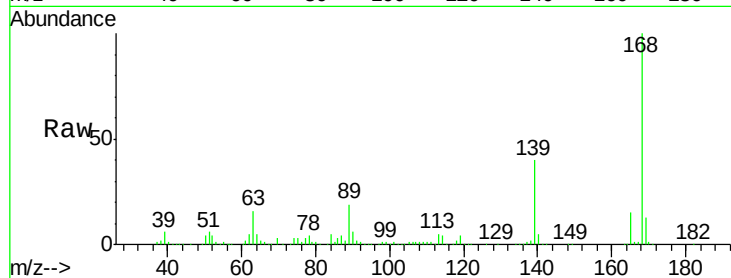




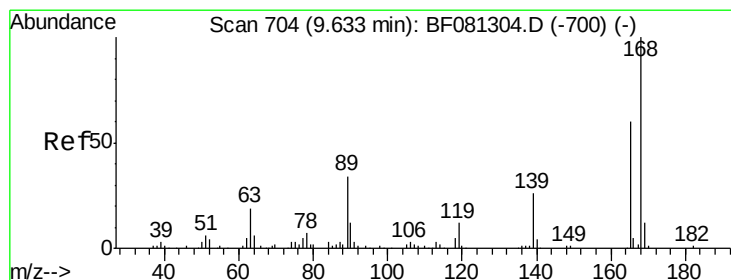
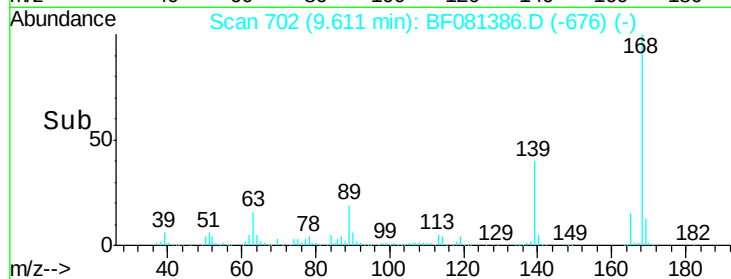
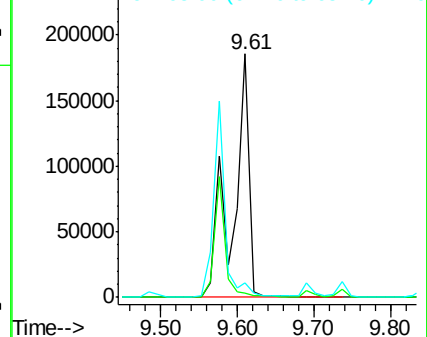
#55
4-Nitrophenol
Concen: 186.87 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Instrument :
BNA_F
ClientSampleId :
PB85376BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.9	12.7	52.7#
65	5.7	45.9	85.9#



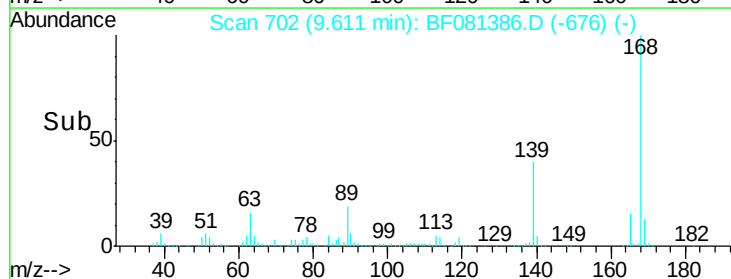
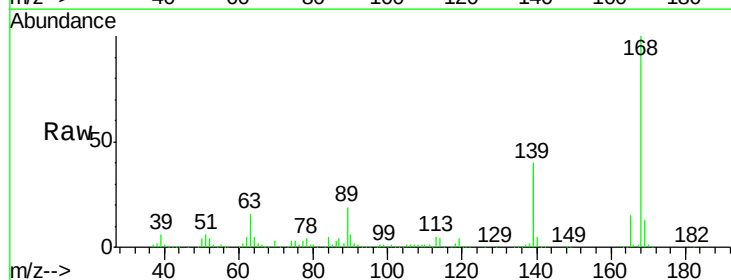
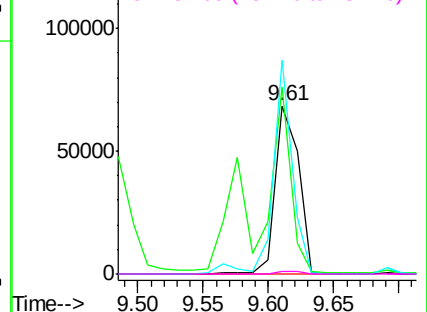
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

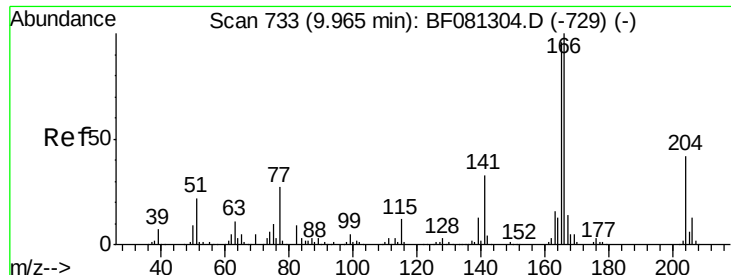


#56
2,4-Dinitrotoluene
Concen: 32.71 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	111.2	29.8	44.6#
89	126.9	44.5	66.7#
182	1.9	3.0	4.4#

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

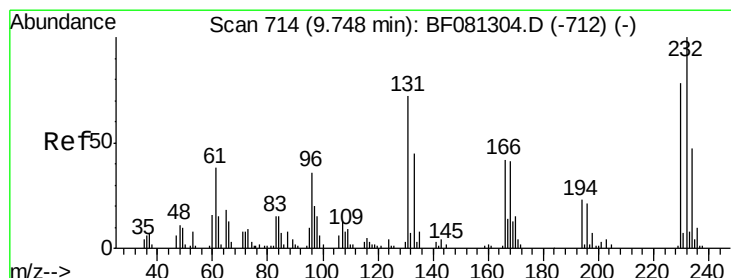
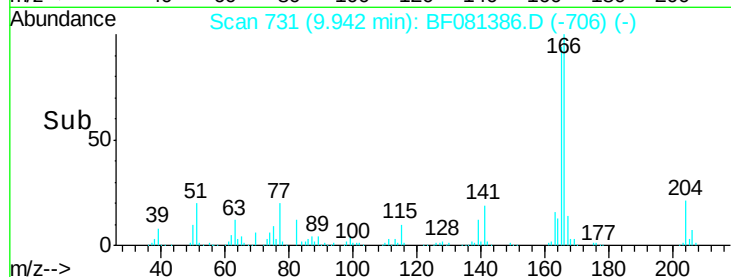
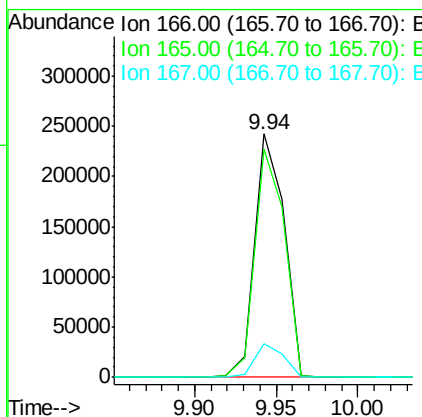
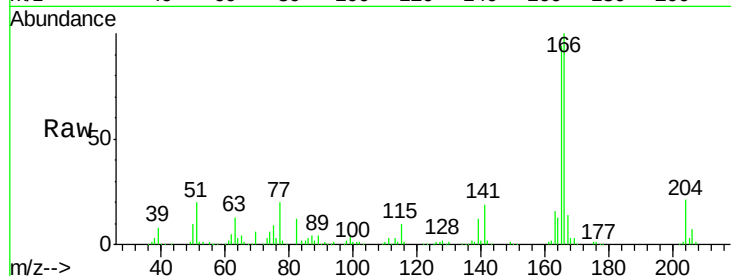




#57
 Fluorene
 Concen: 34.67 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

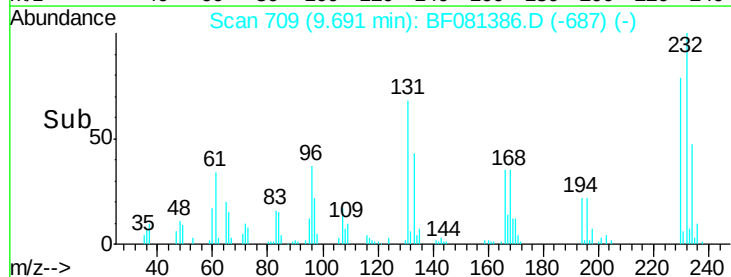
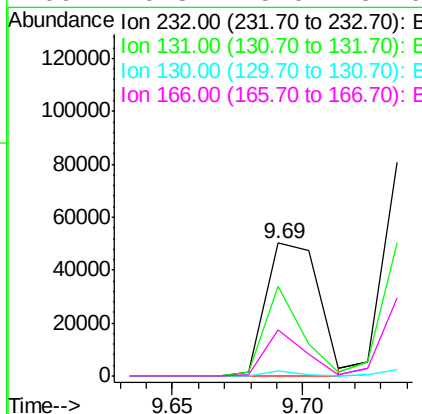
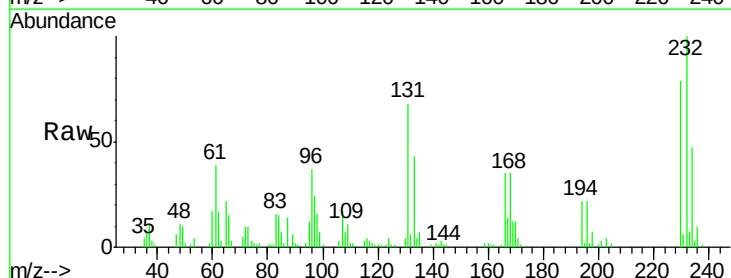
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

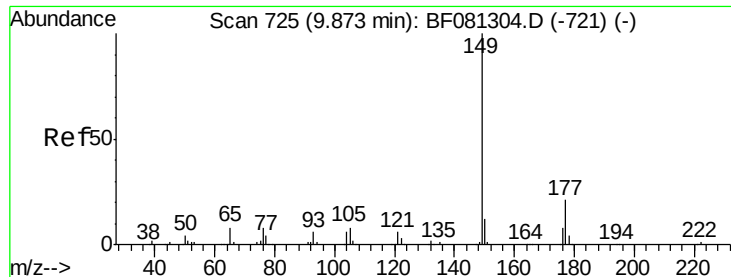
Tot Ion:166 Resp: 304849
 Ion Ratio Lower Upper
 166 100
 165 93.6 72.6 109.0
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.78 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.05 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:232 Resp: 69978
 Ion Ratio Lower Upper
 232 100
 131 47.7 38.5 57.7
 130 2.3 1.8 2.6
 166 26.8 25.0 37.6

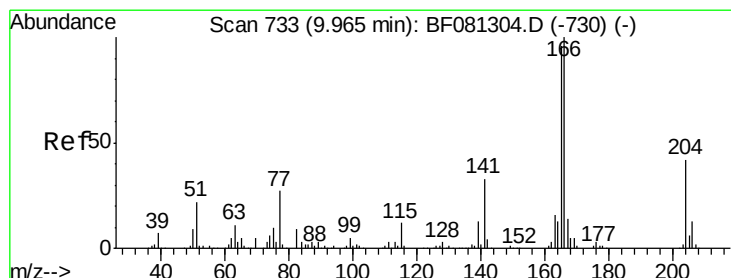
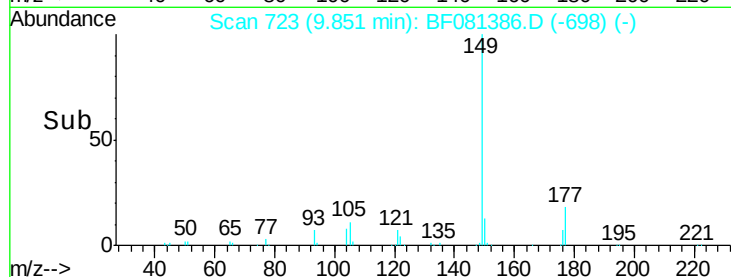
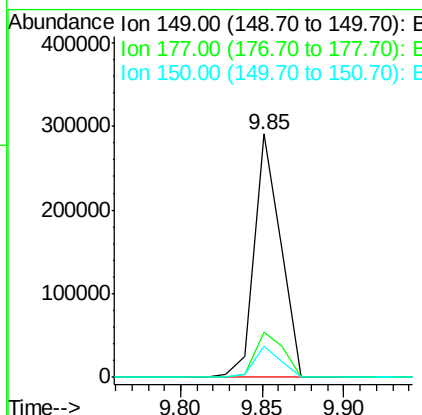
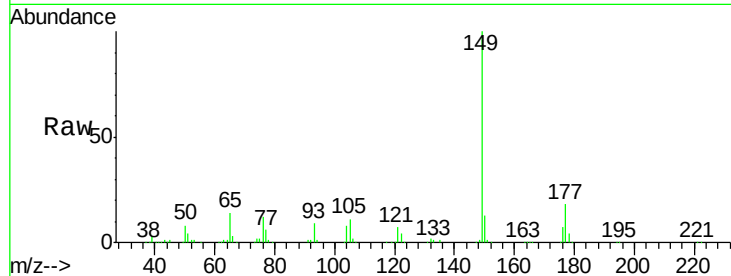




#59
Diethylphthalate
Concen: 33.64 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

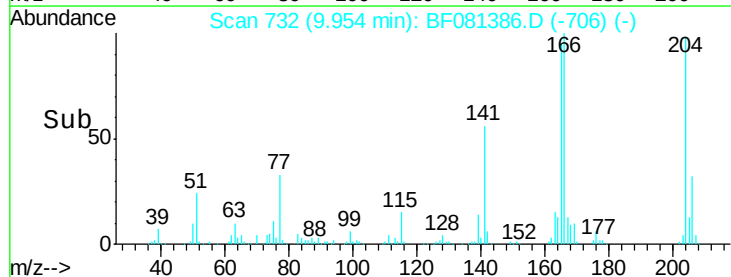
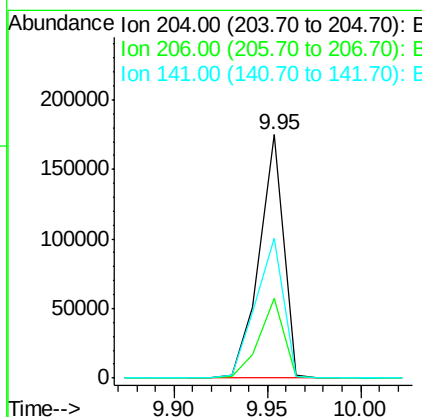
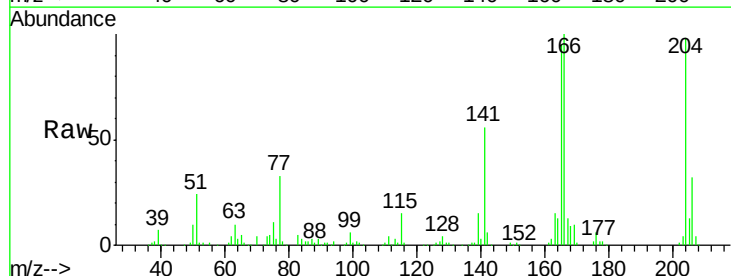
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

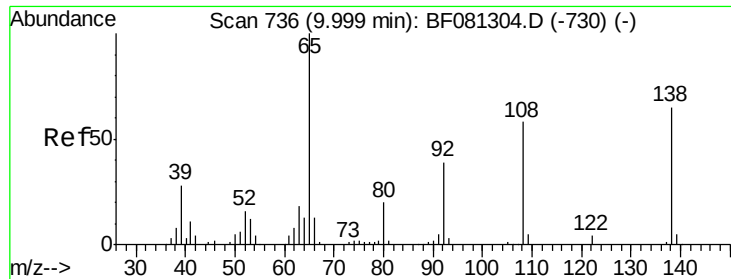
Tot Ion:149 Resp: 325381
Ion Ratio Lower Upper
149 100
177 18.5 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 38.68 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:204 Resp: 158517
Ion Ratio Lower Upper
204 100
206 32.7 24.8 37.2
141 57.3 42.2 63.4





#61

4-Nitroaniline

Concen: 29.39 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

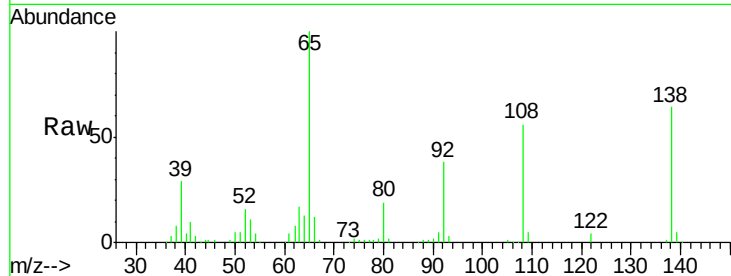
Tot Ion:138 Resp: 70544

Ion Ratio Lower Upper

138 100

92 59.8 12.6 52.6#

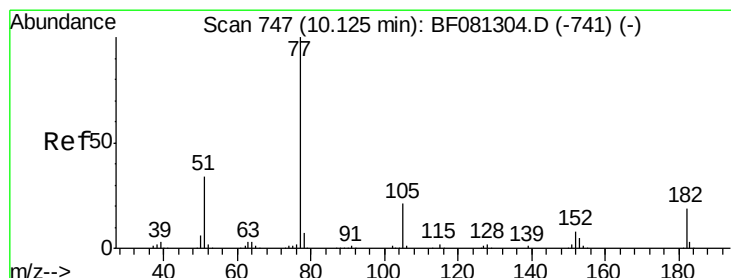
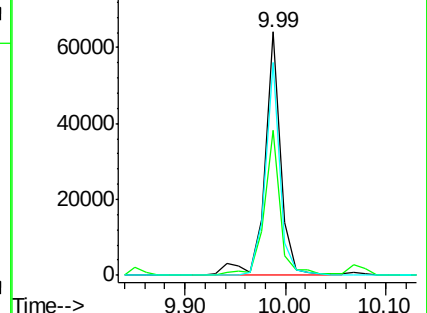
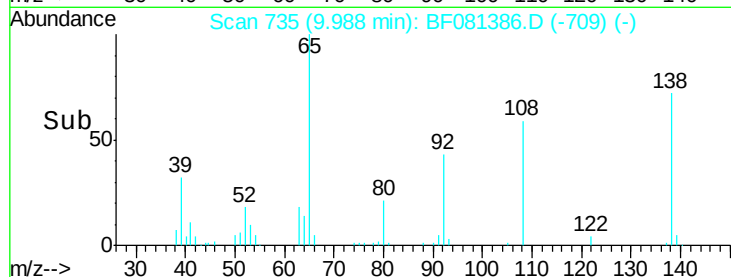
108 87.7 12.4 52.4#



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: 35.56 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Tgt Ion: 77 Resp: 382410

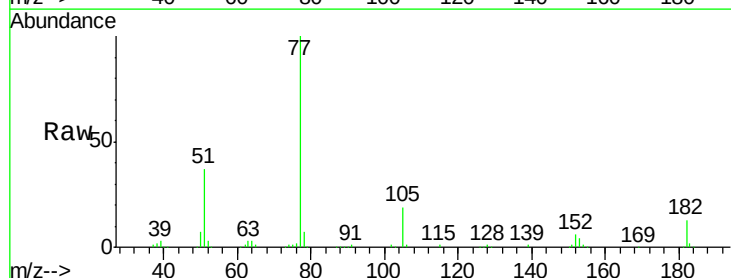
Ion Ratio Lower Upper

77 100

182 13.0 15.1 55.1#

105 19.3 3.4 43.4

51 37.5 12.0 52.0

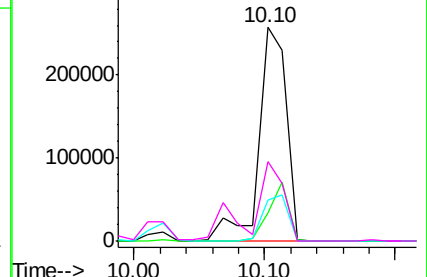
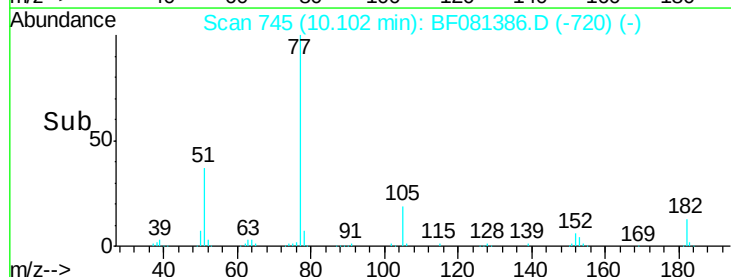


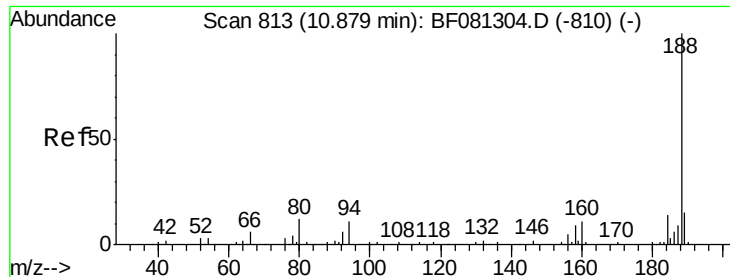
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

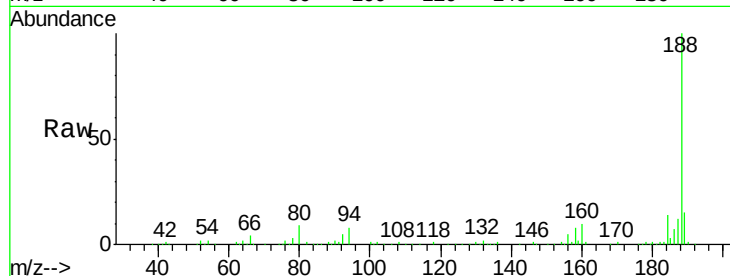




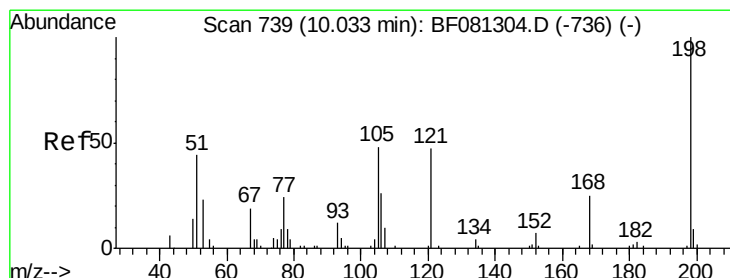
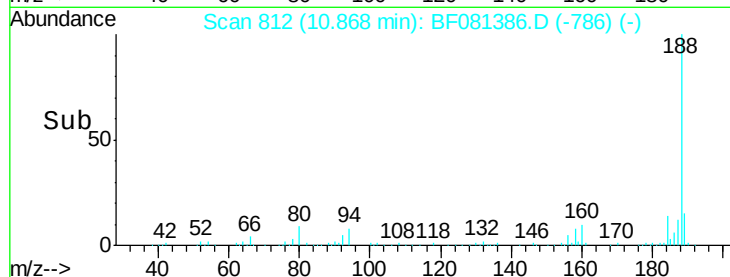
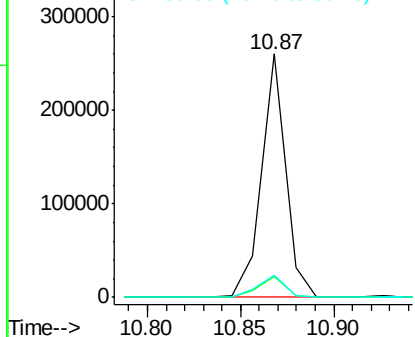
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion:188 Resp: 232106
 Ion Ratio Lower Upper
 188 100
 94 8.4 11.1 16.7#
 80 9.3 11.0 16.4#

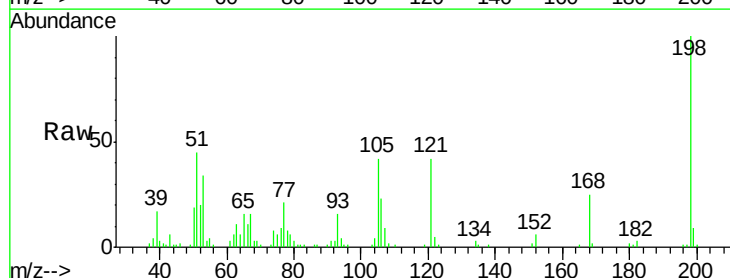


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

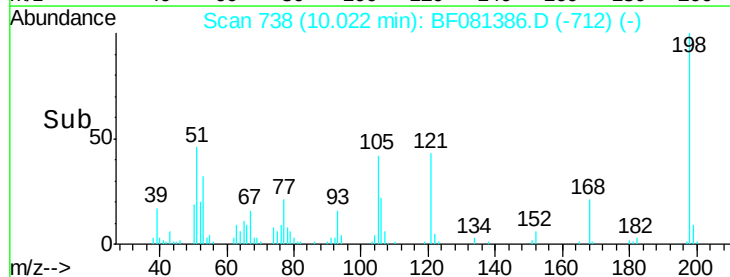
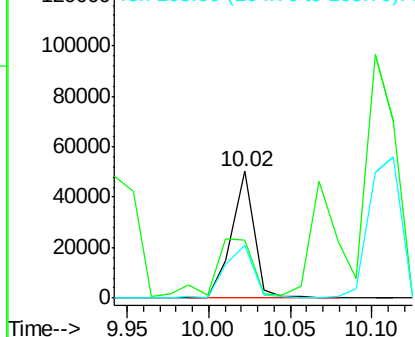


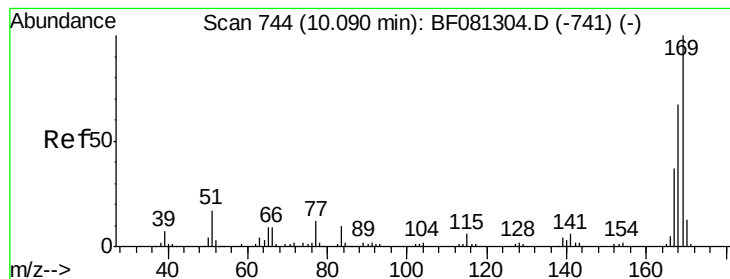
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.94 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:198 Resp: 47954
 Ion Ratio Lower Upper
 198 100
 51 45.4 39.6 79.6
 105 42.0 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.47 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

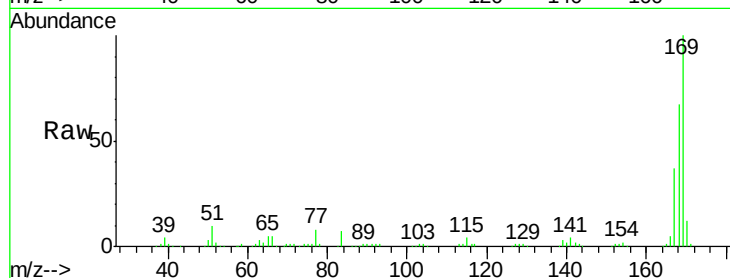
Tot Ion:169 Resp: 282683

Ion Ratio Lower Upper

169 100

168 67.0 48.9 73.3

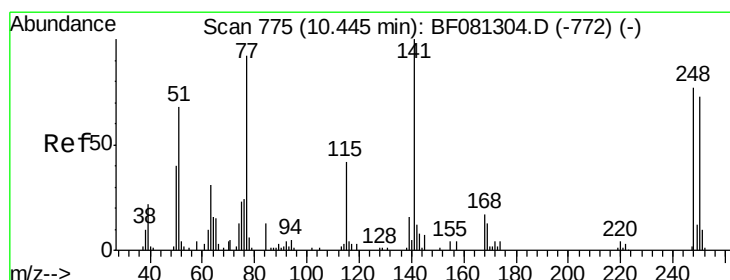
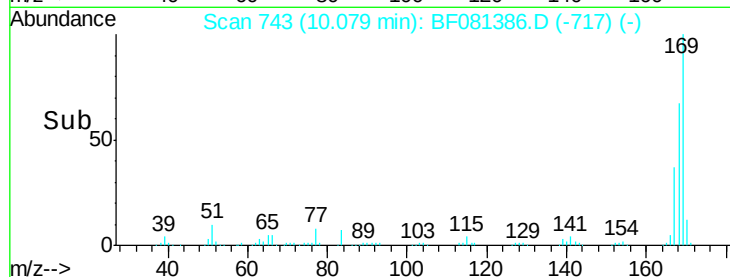
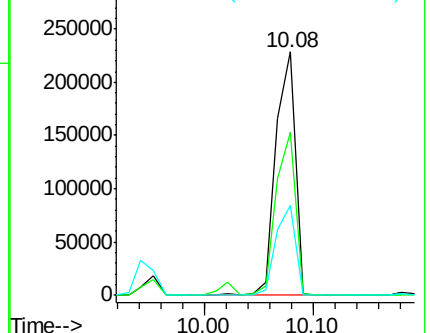
167 37.0 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.97 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

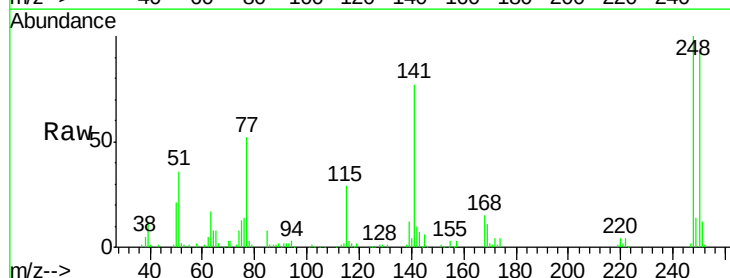
Tgt Ion:248 Resp: 89113

Ion Ratio Lower Upper

248 100

250 92.9 78.5 117.7

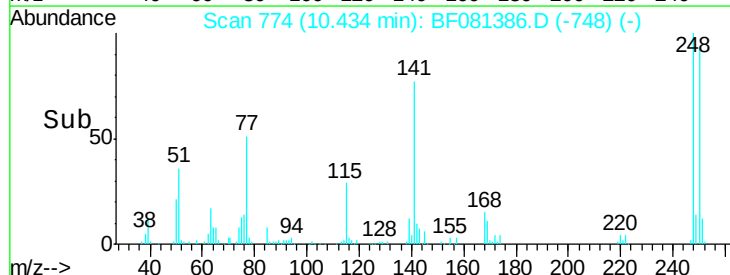
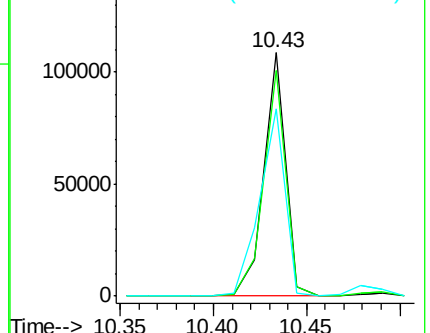
141 76.8 59.0 88.6

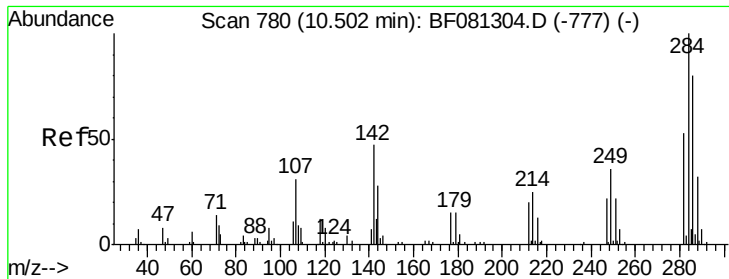


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.70 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

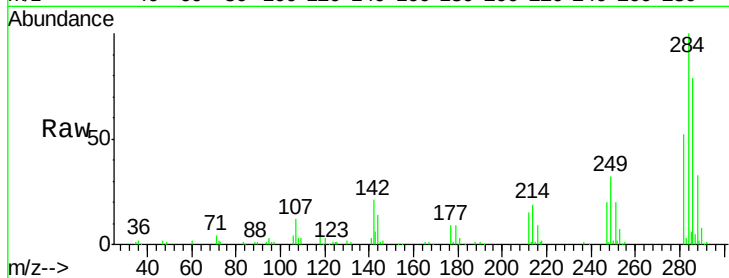
Tot Ion:284 Resp: 90056

Ion Ratio Lower Upper

284 100

142 21.0 29.5 44.3#

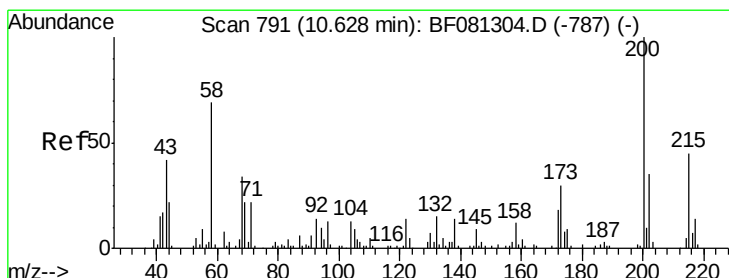
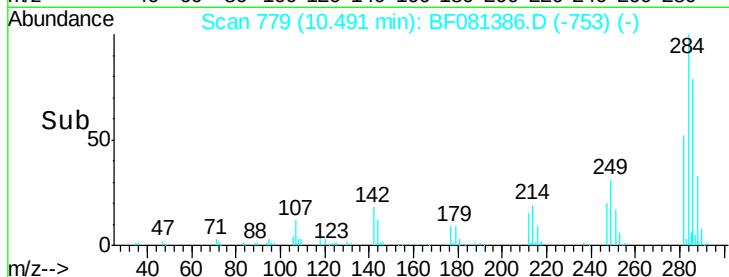
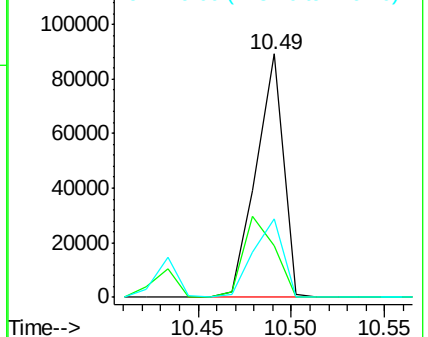
249 32.1 19.5 29.3#



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: 39.28 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

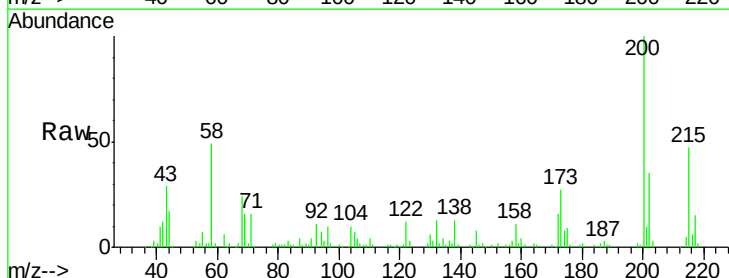
Tgt Ion:200 Resp: 95996

Ion Ratio Lower Upper

200 100

173 27.3 13.2 53.2

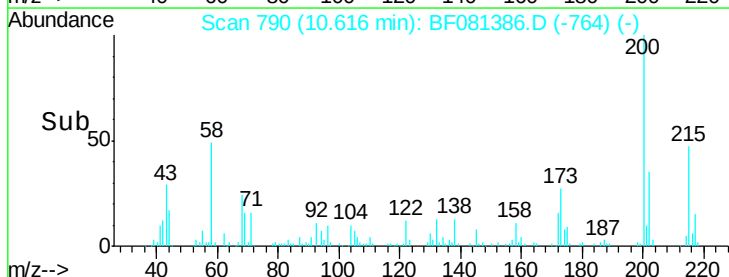
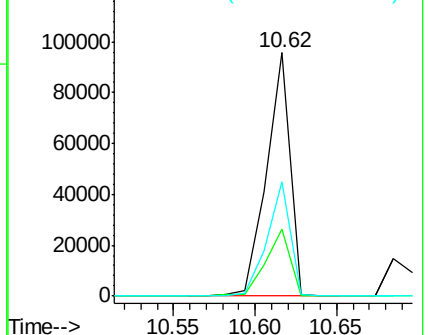
215 47.1 41.8 81.8

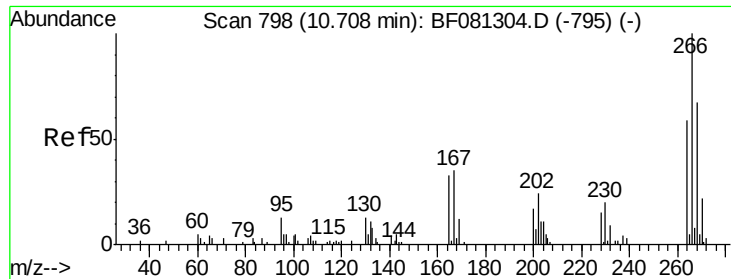


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

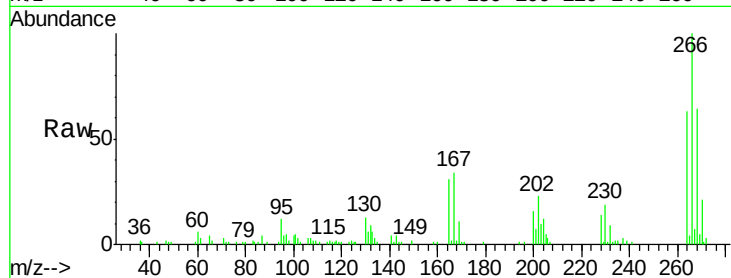




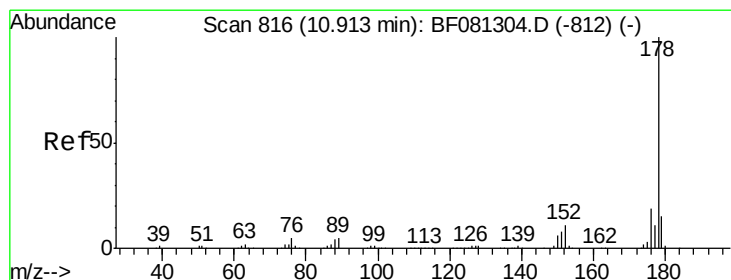
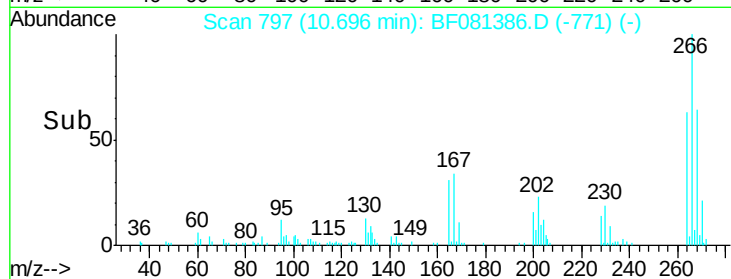
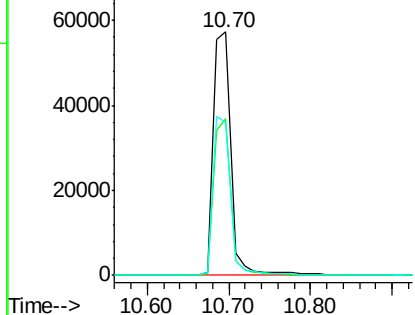
#69
 Pentachlorophenol
 Concen: 73.24 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.6
264	62.8	50.2	75.2

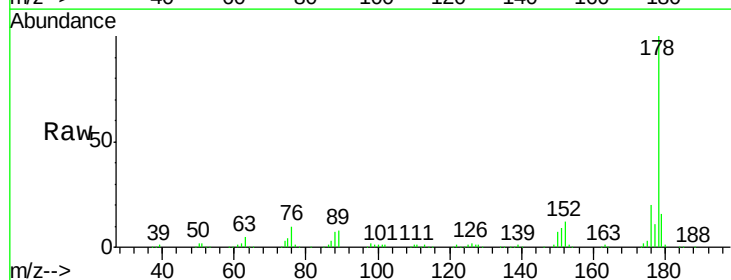


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

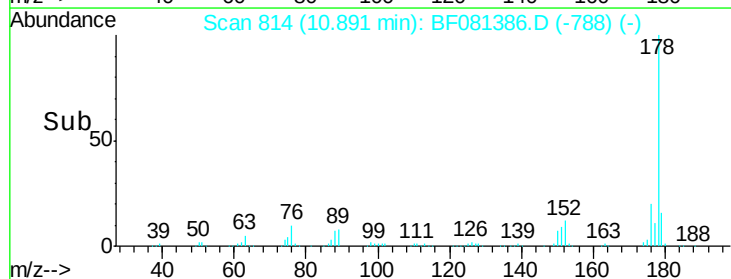
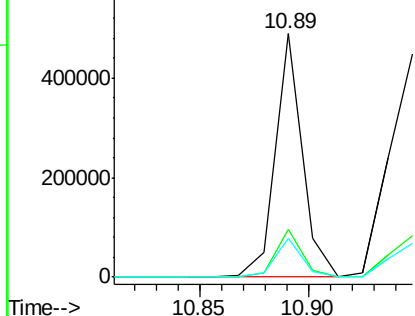


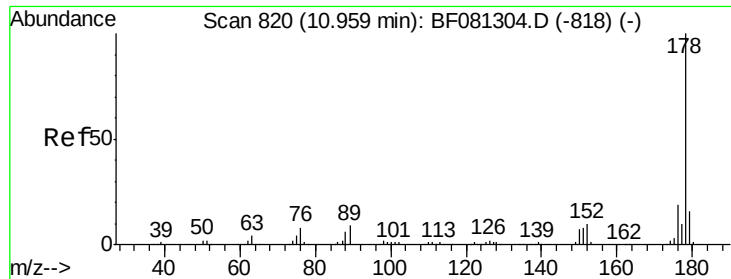
#70
 Phenanthrene
 Concen: 33.14 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	15.7	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

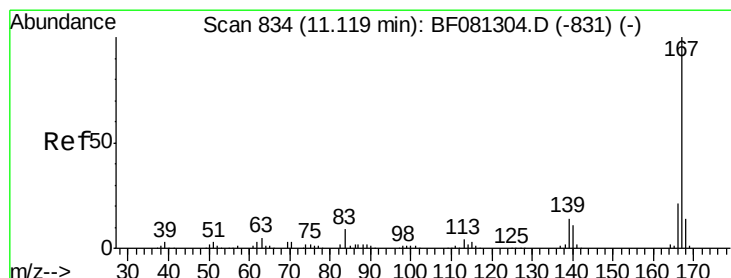
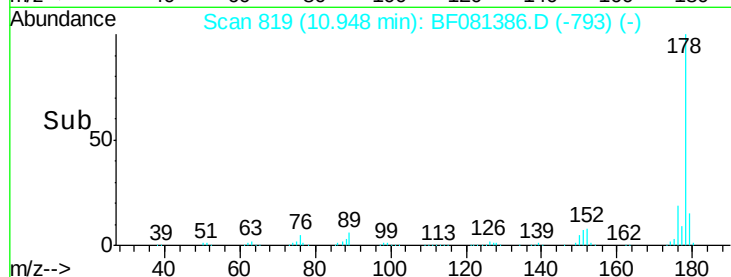
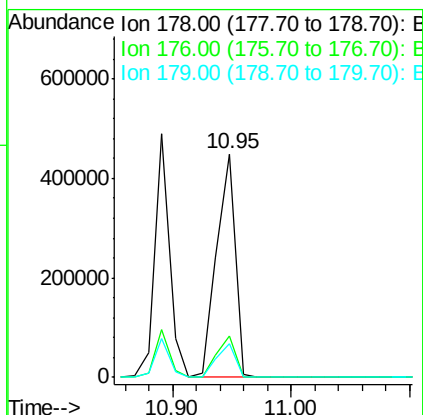
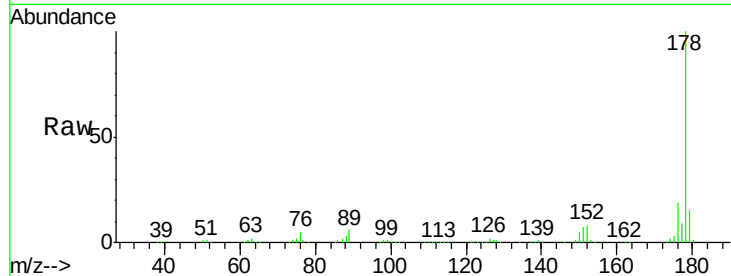




#71
 Anthracene
 Concen: 36.65 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

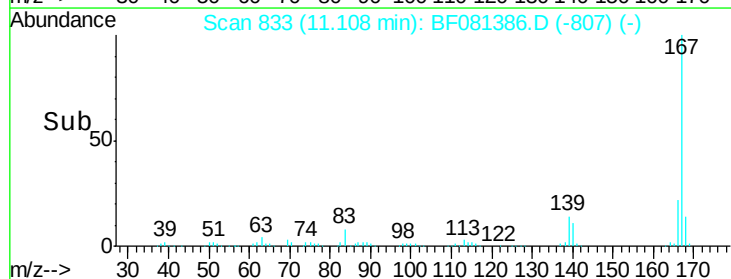
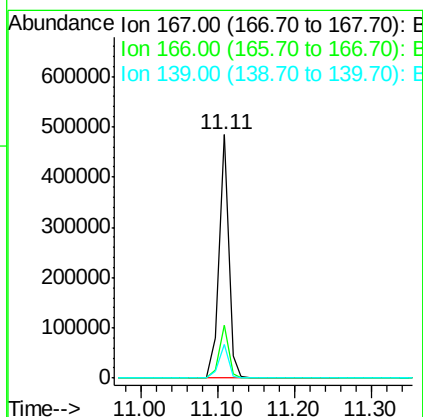
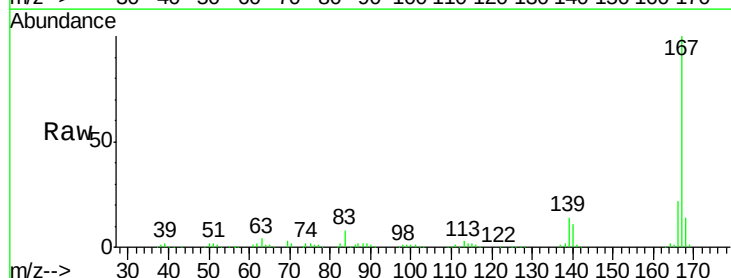
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

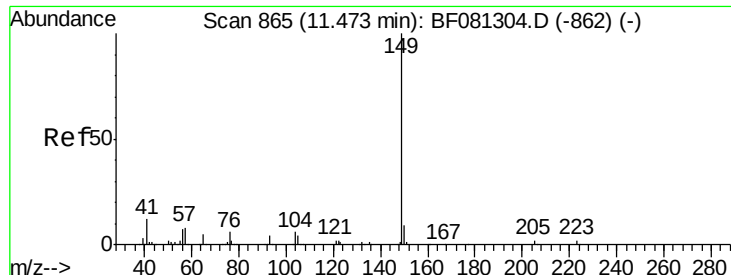
Tot Ion:178 Resp: 485883
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 34.13 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:167 Resp: 424573
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 36.19 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

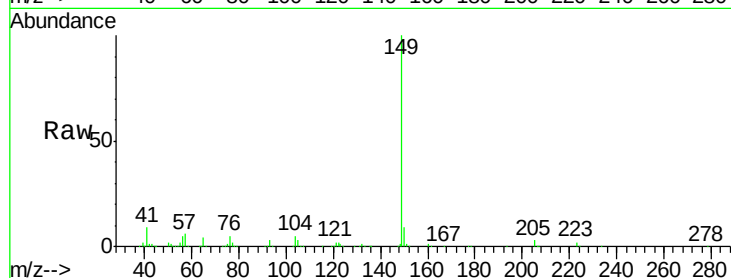
Tot Ion:149 Resp: 531563

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

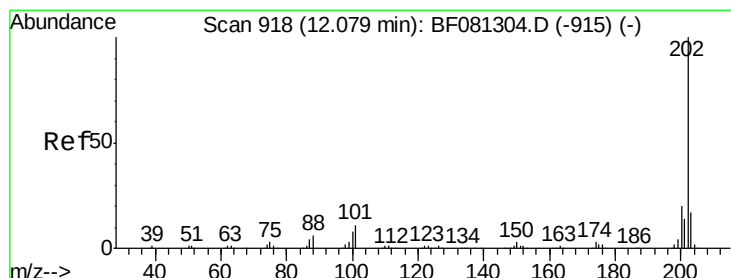
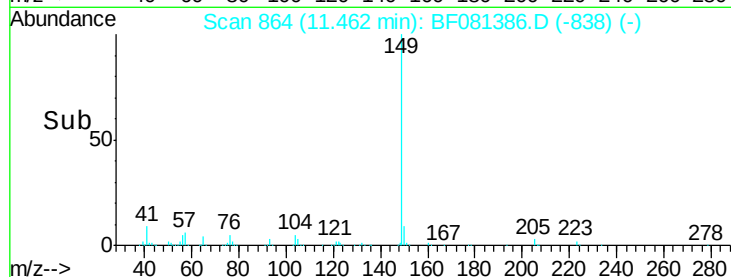
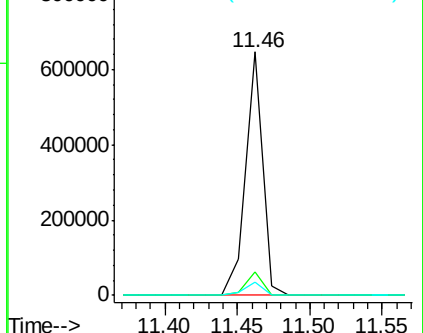
104 5.2 2.4 3.6#



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: 37.00 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

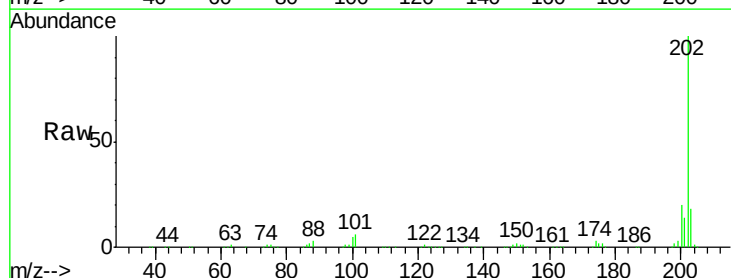
Tgt Ion:202 Resp: 516868

Ion Ratio Lower Upper

202 100

101 6.2 0.0 38.3

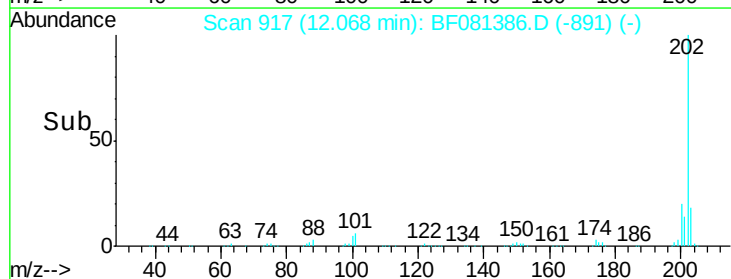
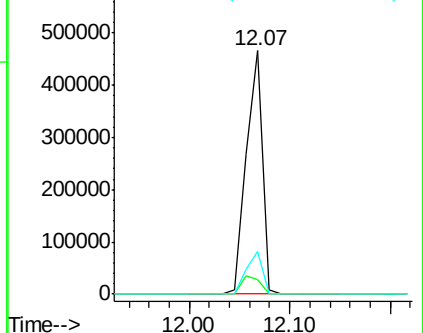
203 17.5 0.0 37.3

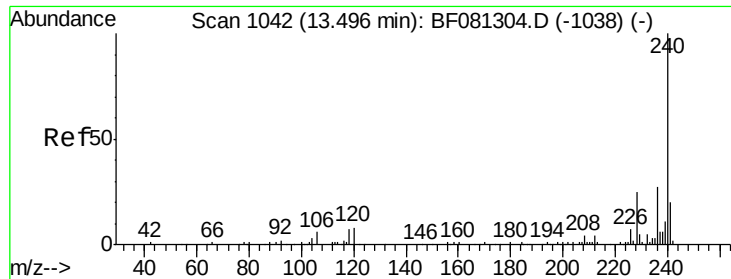


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

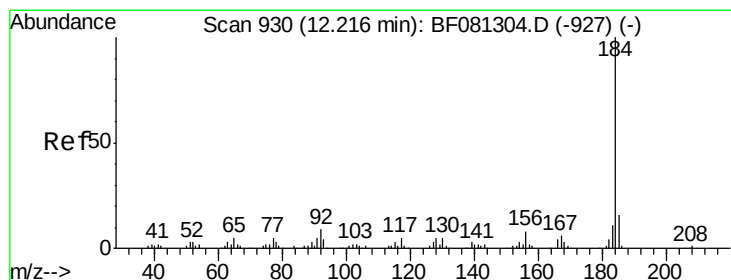
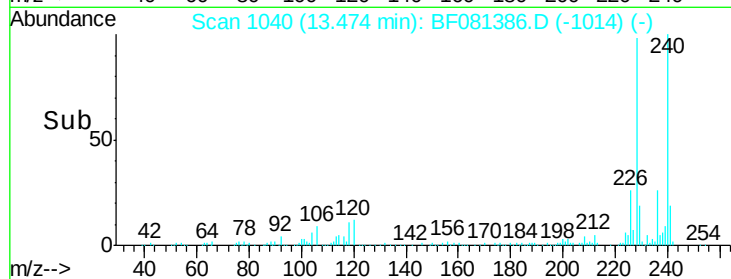
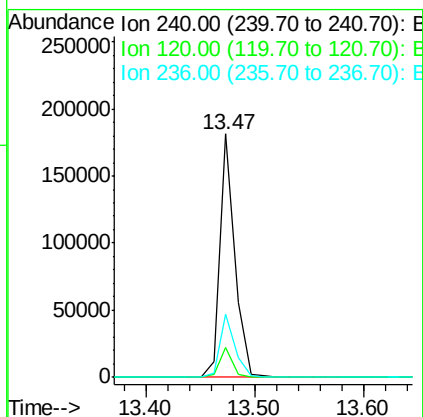
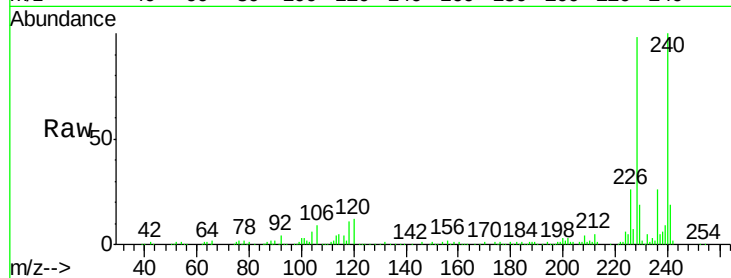




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

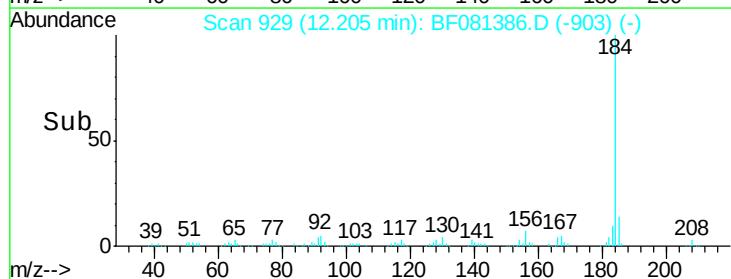
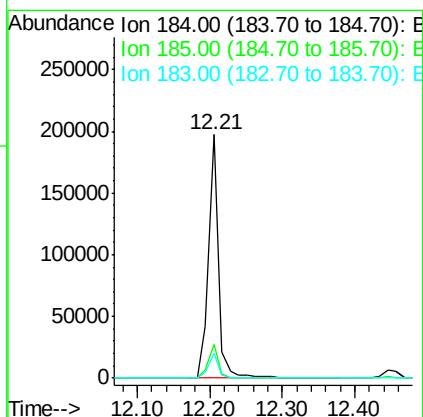
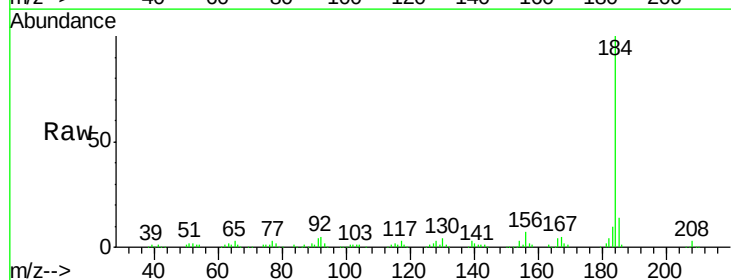
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

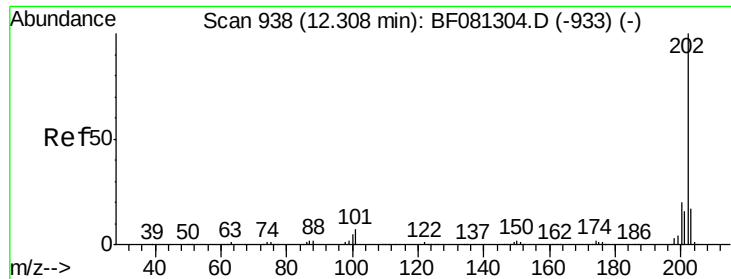
Tot Ion:240 Resp: 174791
Ion Ratio Lower Upper
240 100
120 12.3 16.2 24.2#
236 26.0 18.4 27.6



#76
Benzidine
Concen: 25.31 ng
RT: 12.21 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:184 Resp: 189910
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 10.2 7.6 11.4

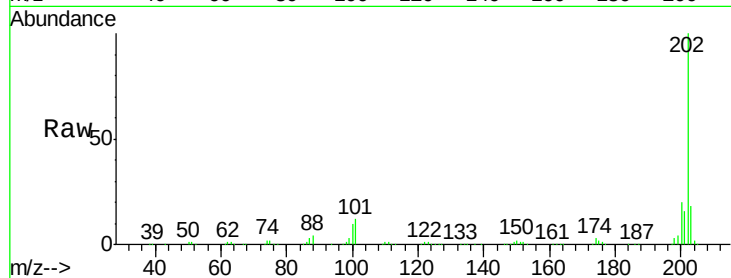




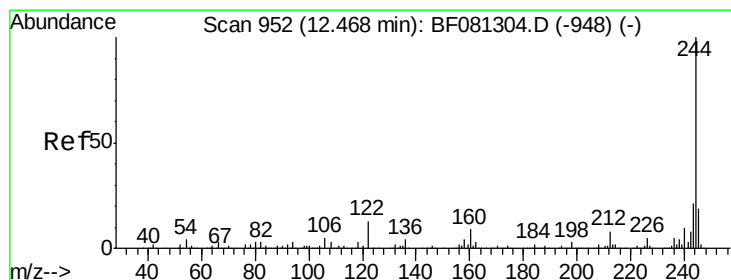
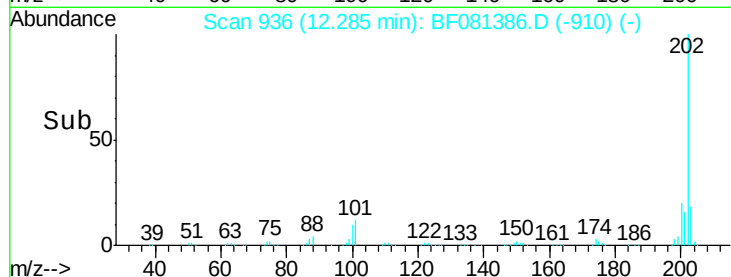
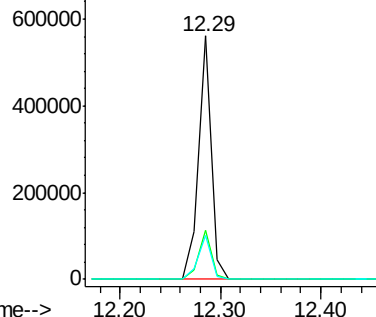
#77
Pvrene
Concen: 38.29 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Instrument :
BNA_F
ClientSampleId :
PB85376BSD

Tot Ion:202 Resp: 495713
Ion Ratio Lower Upper
202 100
200 20.0 15.0 22.4
203 17.9 14.1 21.1

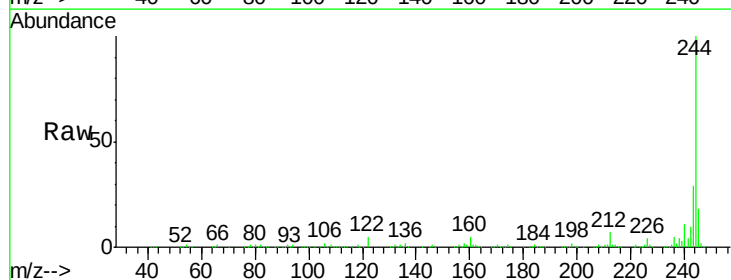


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

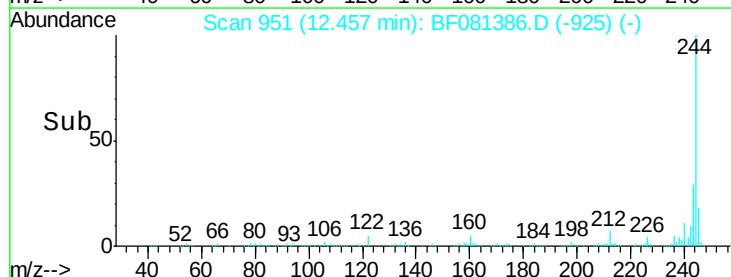
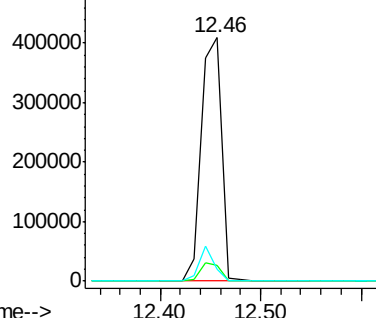


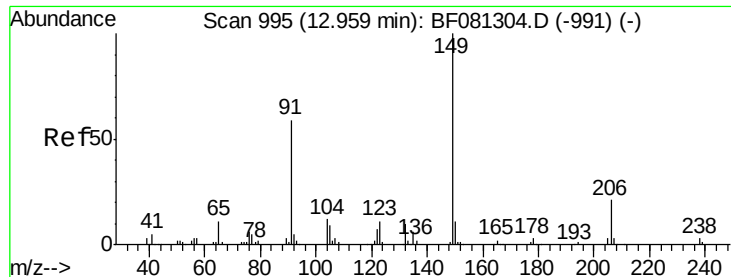
#78
Terphenyl-d14
Concen: 76.09 ng
RT: 12.46 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:244 Resp: 571335
Ion Ratio Lower Upper
244 100
212 6.6 4.3 6.5#
122 4.6 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

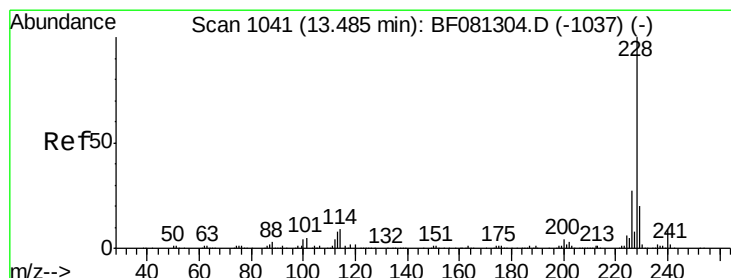
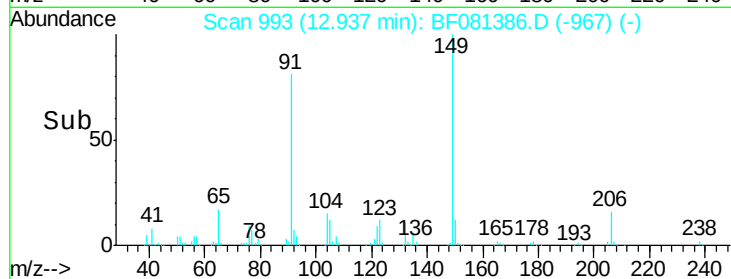
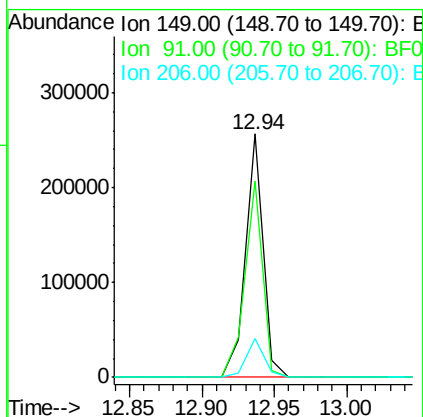
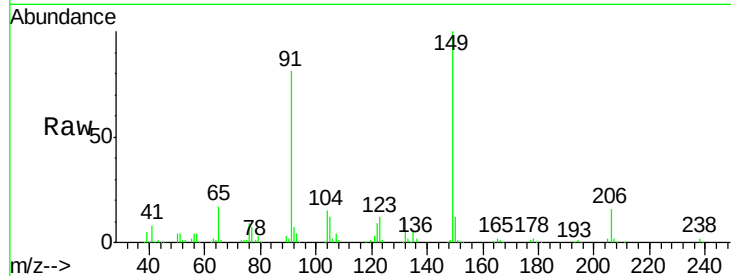




#79
Butylbenzylphthalate
Concen: 38.47 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

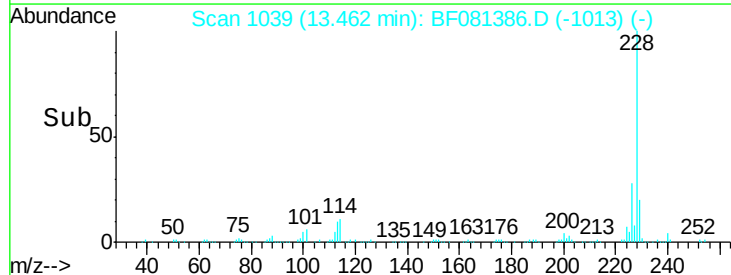
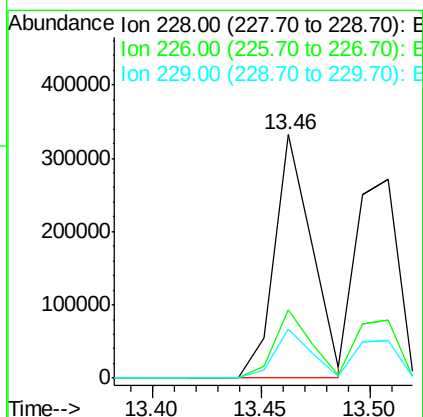
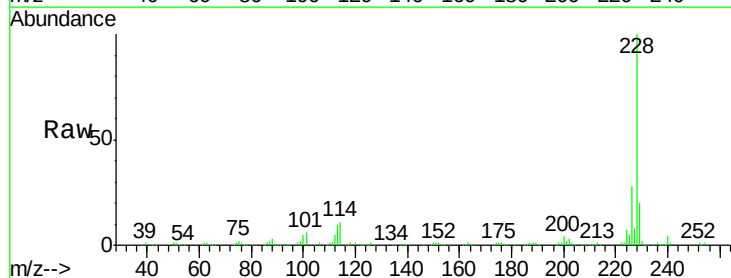
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

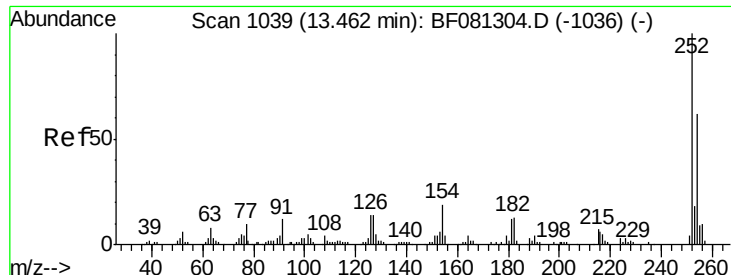
Tot Ion:149 Resp: 216627
Ion Ratio Lower Upper
149 100
91 80.5 48.6 72.8#
206 15.8 14.9 22.3



#80
Benzo(a)anthracene
Concen: 35.72 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:228 Resp: 397639
Ion Ratio Lower Upper
228 100
226 28.2 20.0 30.0
229 20.2 15.4 23.2

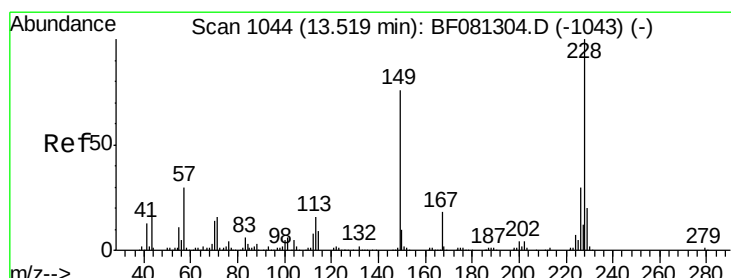
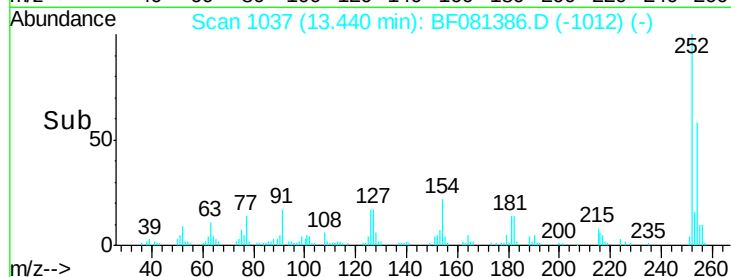
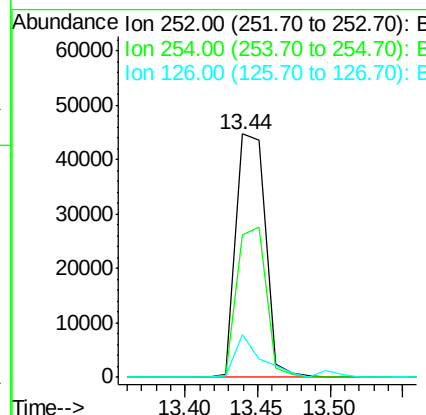
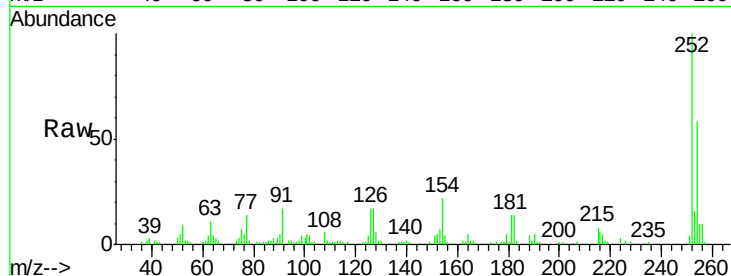




#81
 3,3'-Dichlorobenzidine
 Concen: 16.94 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

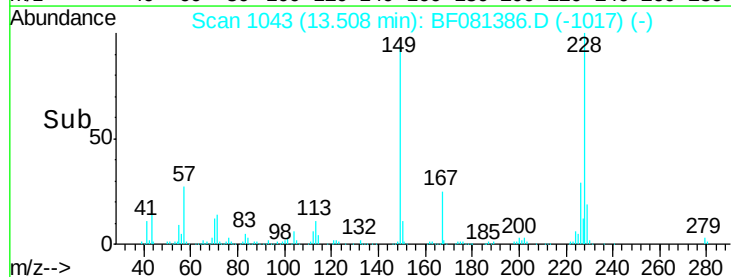
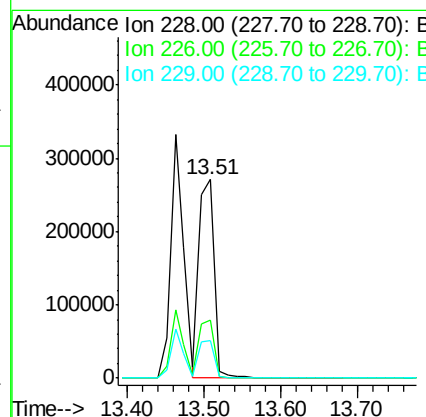
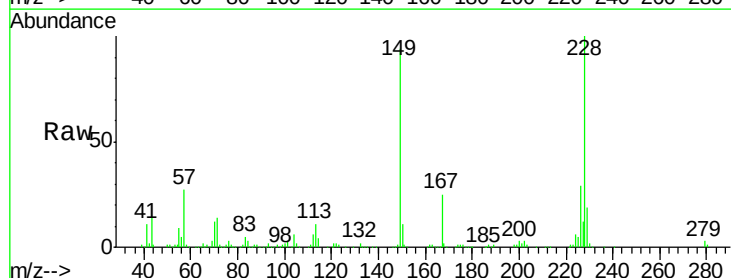
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

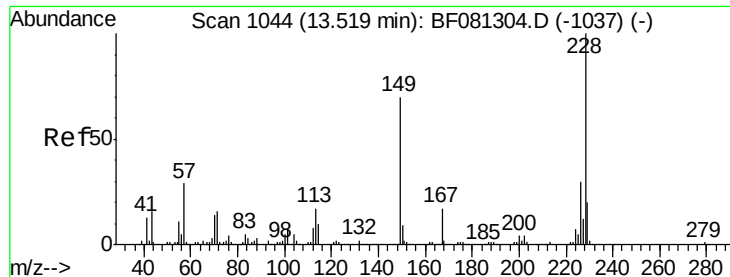
Tot Ion	Ratio	Lower	Upper
252	100		
254	58.5	51.4	77.2
126	17.3	16.4	24.6



#82
 Chrysene
 Concen: 37.43 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.0	31.4
229	18.9	15.6	23.4

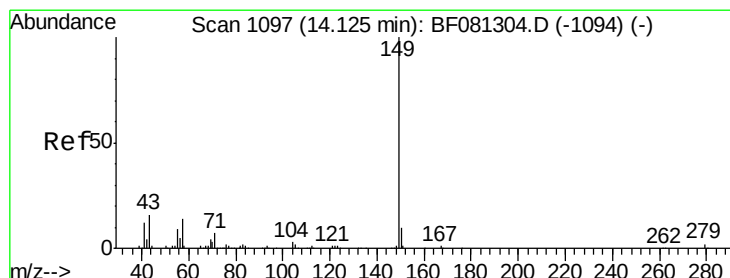
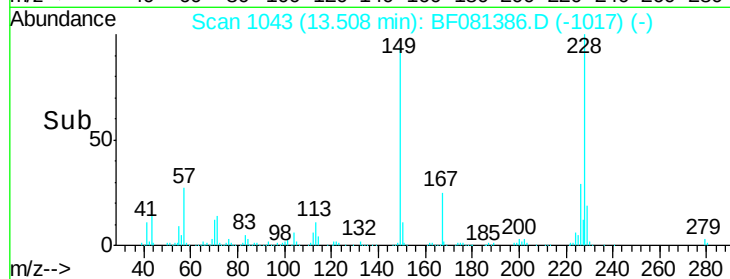
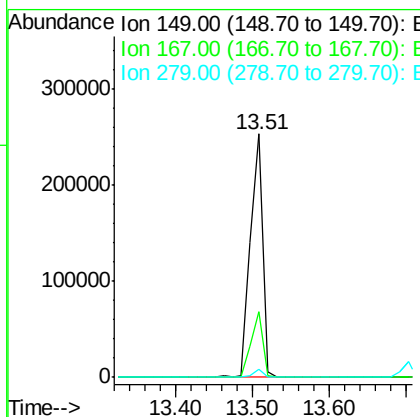
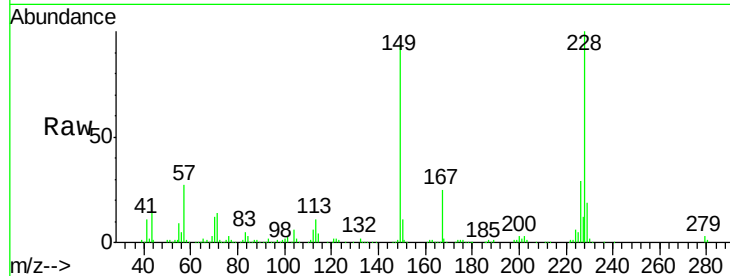




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.65 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

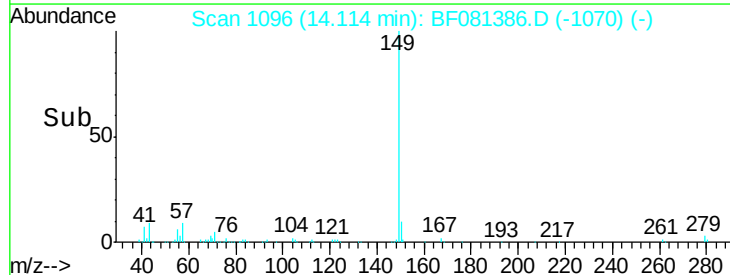
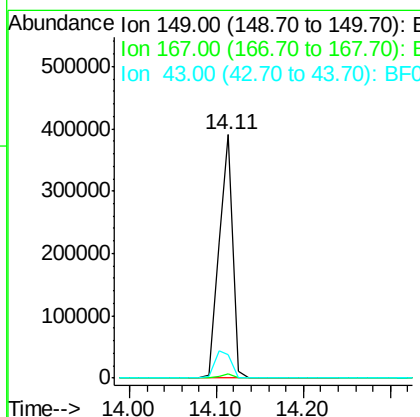
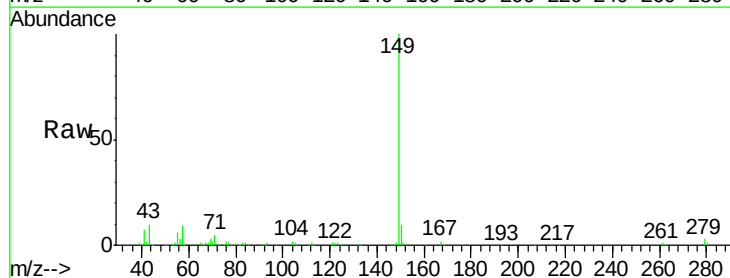
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

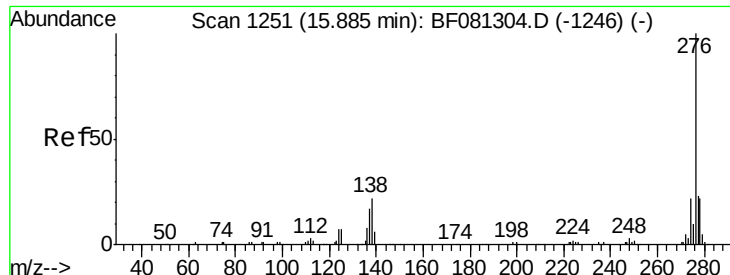
Tot Ion:149 Resp: 279760
 Ion Ratio Lower Upper
 149 100
 167 26.9 24.2 36.2
 279 3.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 35.34 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:149 Resp: 432464
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.2 10.2 15.2

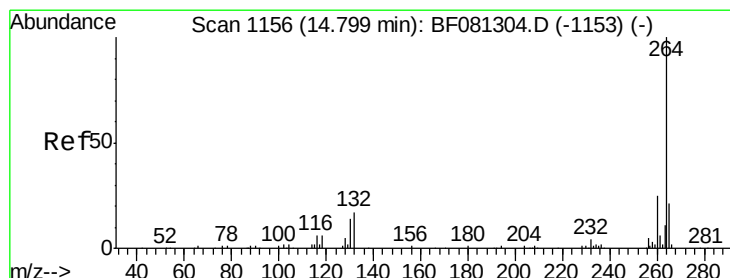
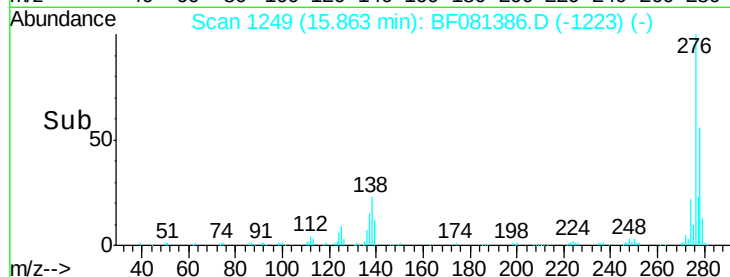
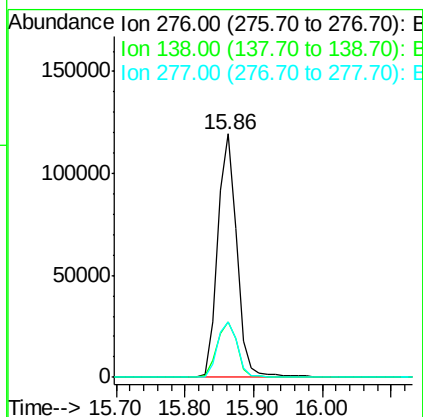
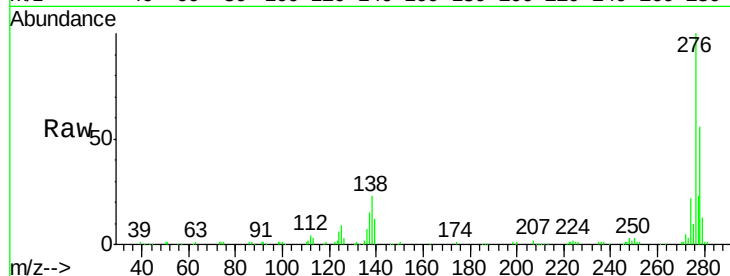




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.35 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

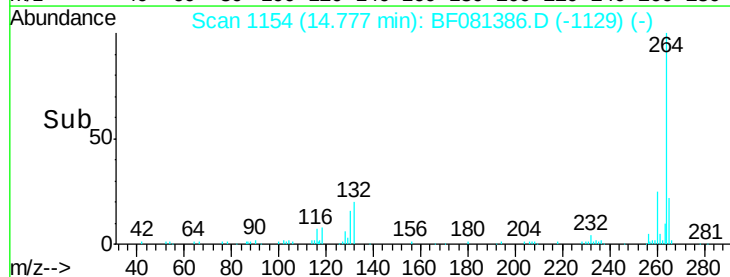
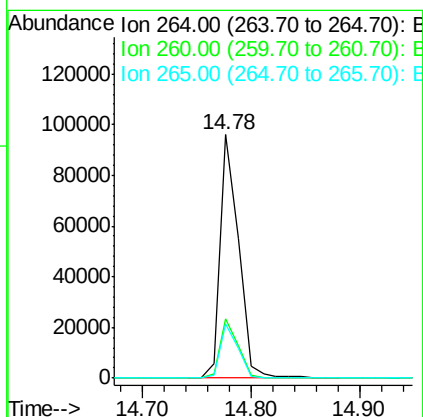
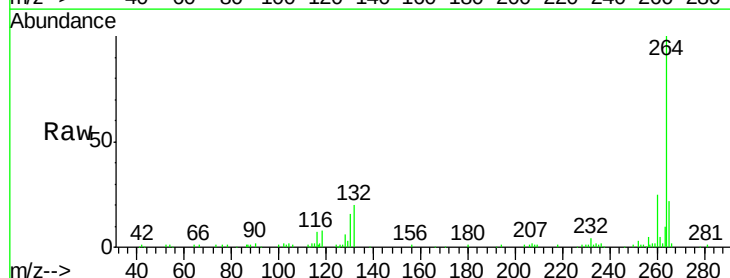
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

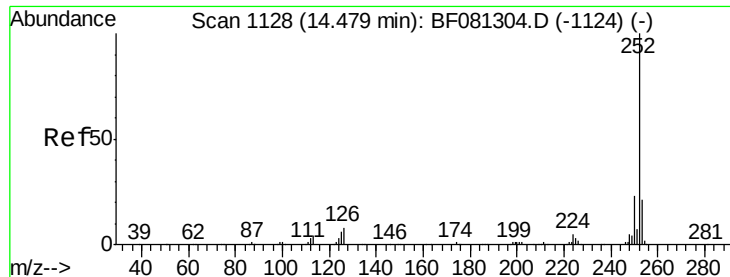
Tot Ion:276 Resp: 236826
 Ion Ratio Lower Upper
 276 100
 138 24.2 25.7 38.5#
 277 24.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Tgt Ion:264 Resp: 113611
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 22.1 17.2 25.8

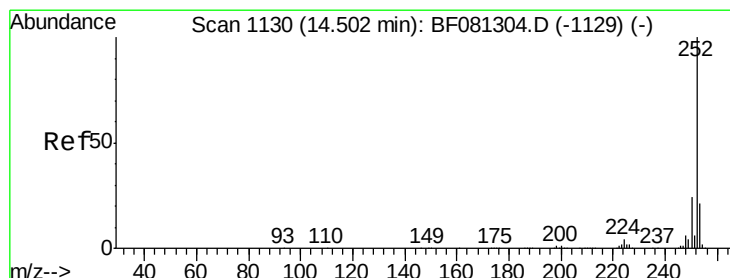
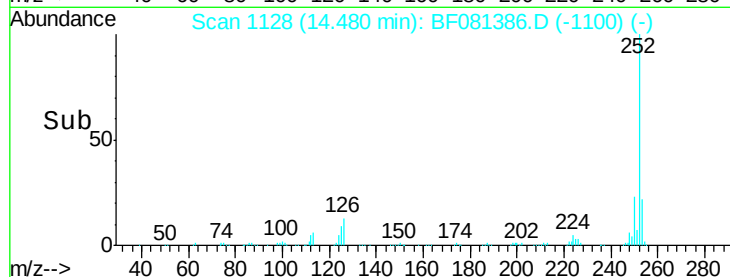
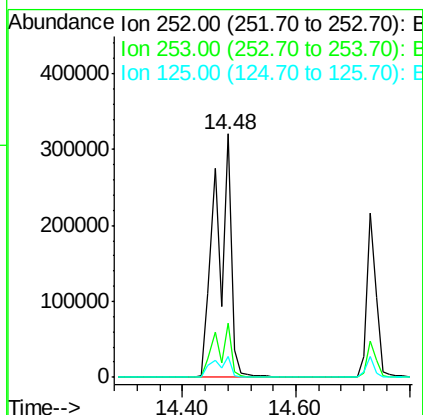
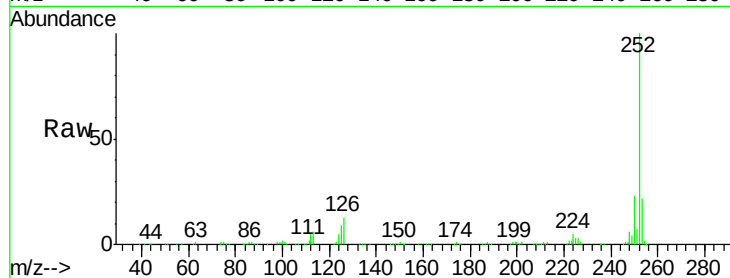




#87
Benzo(b)fluoranthene
Concen: 72.57 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

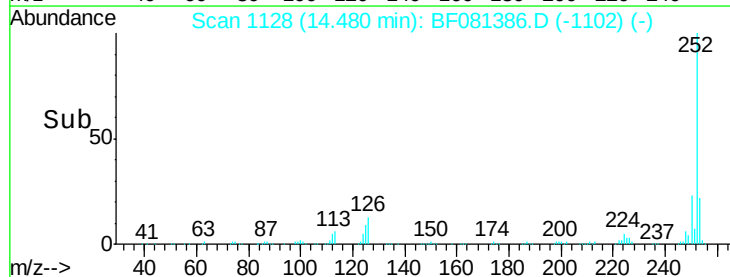
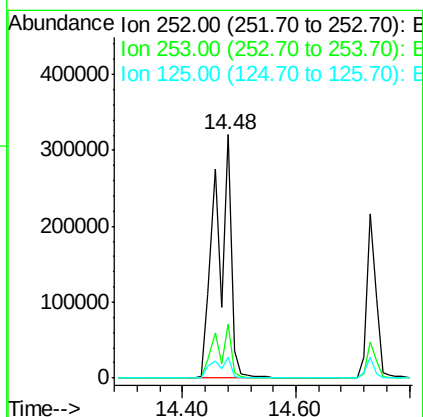
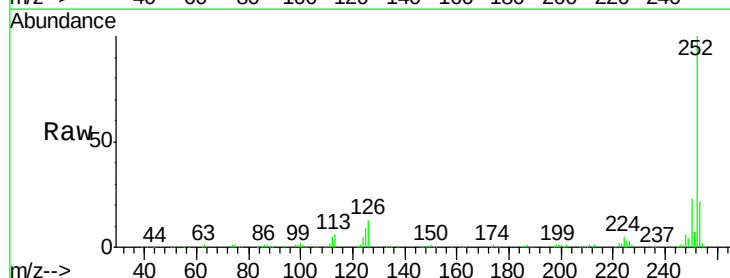
Instrument :
BNA_F
ClientSampleId :
PB85376BSD

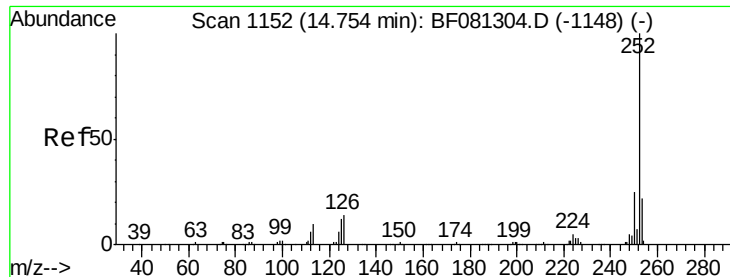
Tot Ion:252 Resp: 588645
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 87.46 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081386.D
Acq: 3 Sep 2015 20:16

Tgt Ion:252 Resp: 588645
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 8.8 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.43 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB85376BSD

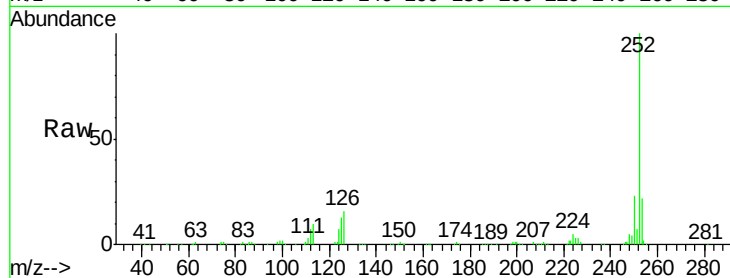
Tot Ion:252 Resp: 257273

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

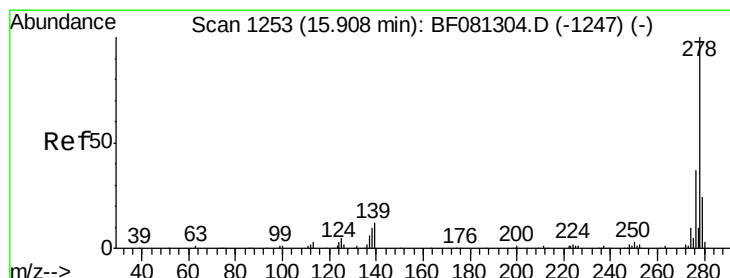
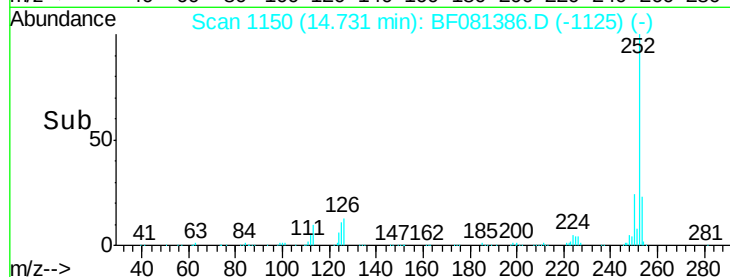
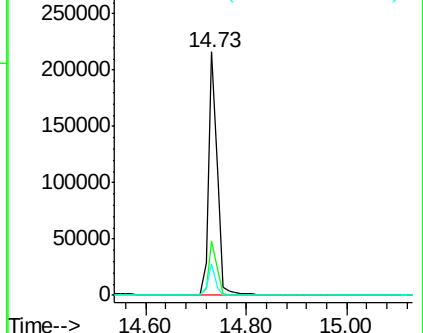
125 12.6 18.0 27.0#



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: 36.69 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081386.D

Acq: 3 Sep 2015 20:16

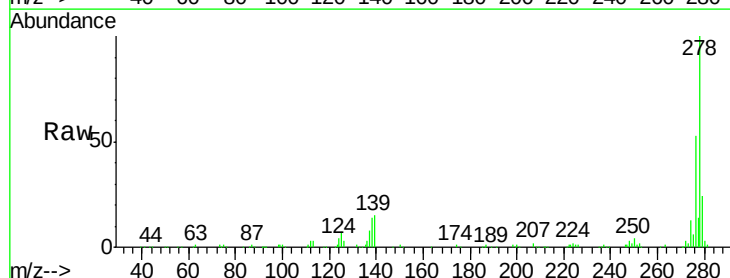
Tgt Ion:278 Resp: 194865

Ion Ratio Lower Upper

278 100

139 14.6 26.3 39.5#

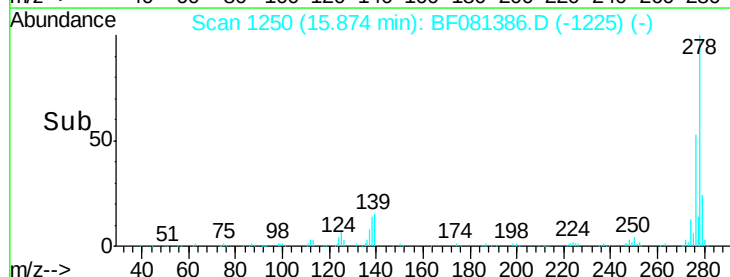
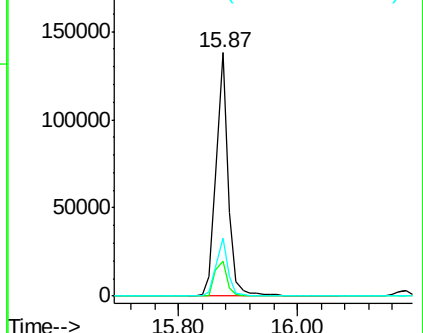
279 23.9 18.2 27.4

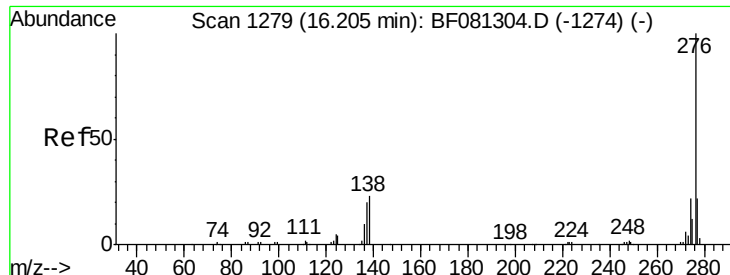


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.85 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF081386.D
 Acq: 3 Sep 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	18.9	34.6	51.8#

