

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081538.D
 Acq On : 8 Sep 2015 23:28
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	52090	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	196860	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	93256	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	176565	20.00	ng	0.00
75) Chrysene-d12	13.45	240	120159	20.00	ng	0.00
86) Perylene-d12	14.75	264	103081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.88	112	265578	79.10	ng	0.00
7) Phenol-d6	6.02	99	358774	80.73	ng	0.00
23) Nitrobenzene-d5	6.94	82	349034	85.54	ng	0.01
41) 2,4,6-Tribromophenol	10.16	330	58129	70.01	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	518253	71.22	ng	0.00
78) Terphenyl-d14	12.42	244	387077	74.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	66668	44.21	ng	90
3) Pyridine	2.19	79	134861	32.43	ng	# 85
4) n-Nitrosodimethylamine	2.16	42	99213	42.95	ng	# 65
6) Aniline	6.01	93	259125	41.29	ng	# 81
8) 2-Chlorophenol	6.14	128	144822	39.15	ng	95
9) Benzaldehyde	5.88	77	109001	39.14	ng	# 81
10) Phenol	6.03	94	214760	41.67	ng	# 52
11) bis(2-Chloroethyl)ether	6.10	93	150155	40.38	ng	89
12) 1,3-Dichlorobenzene	6.28	146	160051	40.49	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	163691	40.67	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	133404	36.81	ng	# 84
15) Benzyl Alcohol	6.51	79	138947	38.11	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	6.66	45	293372	41.16	ng	83
17) 2-Methylphenol	6.65	107	126083	42.71	ng	# 74
18) Hexachloroethane	6.86	117	59319	37.88	ng	92
19) n-Nitroso-di-n-propylamine	6.80	70	132915	43.94	ng	# 86
20) 3+4-Methylphenols	6.81	107	161896	40.68	ng	88
22) Acetophenone	6.78	105	208732	38.82	ng	# 71
24) Nitrobenzene	6.95	77	175526	41.42	ng	# 61
25) Isophorone	7.20	82	319420	42.09	ng	# 87
26) 2-Nitrophenol	7.27	139	78843	42.69	ng	# 47
27) 2,4-Dimethylphenol	7.34	122	133855	41.96	ng	# 81
28) bis(2-Chloroethoxy)methane	7.42	93	171872	39.21	ng	# 90
29) 2,4-Dichlorophenol	7.52	162	118515	42.85	ng	96
30) 1,2,4-Trichlorobenzene	7.59	180	130375	43.39	ng	96
31) Naphthalene	7.66	128	404211	38.50	ng	98
32) Benzoic acid	7.48	122	60998	27.91	ng	# 55
33) 4-Chloroaniline	7.72	127	163394	38.16	ng	# 77
34) Hexachlorobutadiene	7.79	225	77542	42.40	ng	98
35) Caprolactam	8.11	113	34413	40.56	ng	# 18
36) 4-Chloro-3-methylphenol	8.23	107	128205	41.41	ng	# 69
37) 2-Methylnaphthalene	8.35	142	295065	43.19	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	112207	38.05	ng	99
40) Hexachlorocyclopentadiene	8.50	237	15249	10.54	ng	93

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 ALS Vial : 2 Sample Multiplier: 1

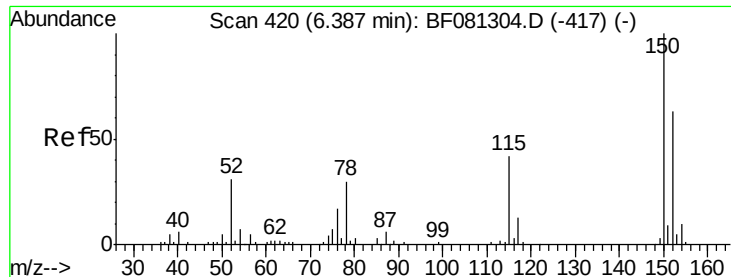
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 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	8.64	196	79463	39.04	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	87021	41.91	nq	# 93
45) 1,1'-Biphenyl	8.82	154	354822	41.36	nq	95
46) 2-Chloronaphthalene	8.83	162	235052	37.94	nq	# 88
47) 2-Nitroaniline	8.95	65	118566	46.95	nq	# 70
48) Acenaphthylene	9.24	152	438613	39.90	nq	98
49) Dimethylphthalate	9.14	163	299480	41.33	nq	# 96
50) 2,6-Dinitrotoluene	9.20	165	58639	35.66	nq	93
51) Acenaphthene	9.42	154	255985	40.94	nq	89
52) 3-Nitroaniline	9.36	138	84895	45.35	nq	# 69
53) 2,4-Dinitrophenol	9.47	184	5156	7.44	nq	# 59
54) Dibenzofuran	9.59	168	347358	38.04	nq	94
55) 4-Nitrophenol	9.58	139	181055	153.94	nq	# 31
56) 2,4-Dinitrotoluene	9.59	165	72543	34.64	nq	# 21
57) Fluorene	9.92	166	263619	38.05	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.67	232	61960	39.08	nq	95
59) Diethylphthalate	9.83	149	325600	42.72	nq	96
60) 4-Chlorophenyl-phenylether	9.93	204	132573	41.05	nq	94
61) 4-Nitroaniline	9.96	138	80878	42.76	nq	# 27
62) Azobenzene	10.08	77	319164	37.67	nq	82
64) 4,6-Dinitro-2-methylphenol	10.00	198	10018	10.14	nq	95
65) n-Nitrosodiphenylamine	10.04	169	229698	35.75	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	74187	41.55	nq	# 89
67) Hexachlorobenzene	10.47	284	71537	38.32	nq	# 76
68) Atrazine	10.58	200	62567	33.65	nq	81
69) Pentachlorophenol	10.66	266	34381	42.44	nq	97
70) Phenanthrene	10.87	178	405543	41.31	nq	97
71) Anthracene	10.91	178	337110	33.43	nq	98
72) Carbazole	11.08	167	373319	39.45	nq	97
73) Di-n-butylphthalate	11.44	149	514543	46.04	nq	# 98
74) Fluoranthene	12.03	202	335002	31.53	nq	91
76) Benzidine	12.18	184	175704	34.06	nq	98
77) Pyrene	12.26	202	374839	42.11	nq	99
79) Butylbenzylphthalate	12.91	149	172734	44.62	nq	95
80) Benzo(a)anthracene	13.44	228	290649	37.98	nq	97
81) 3,3'-Dichlorobenzidine	13.42	252	97108	37.62	nq	# 95
82) Chrysene	13.47	228	232981	33.96	nq	95
83) Bis(2-ethylhexyl)phthalate	13.47	149	212839	41.66	nq	# 89
84) Di-n-octyl phthalate	14.08	149	342886	40.76	nq	95
85) Indeno(1,2,3-cd)pyrene	15.83	276	234012	46.50	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	526108	71.49	nq	# 86
88) Benzo(k)fluoranthene	14.46	252	526108	86.16	nq	# 87
89) Benzo(a)pyrene	14.71	252	235225	37.72	nq	# 87
90) Dibenzo(a,h)anthracene	15.84	278	195446	40.56	nq	# 81
91) Benzo(g,h,i)perylene	16.15	276	172234	37.45	nq	# 70

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

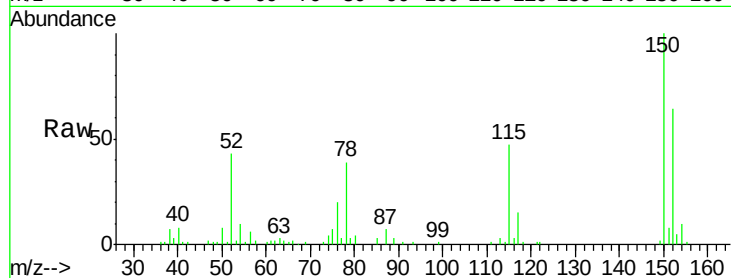
Tot Ion:152 Resp: 52090

Ion Ratio Lower Upper

152 100

150 156.3 124.7 187.1

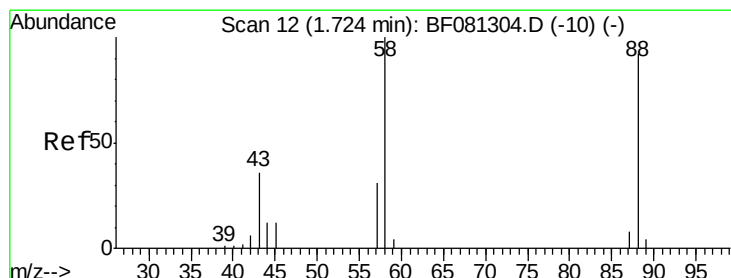
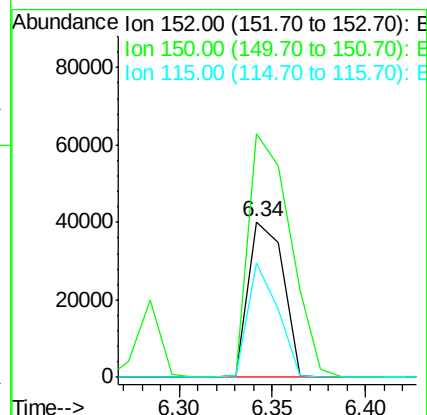
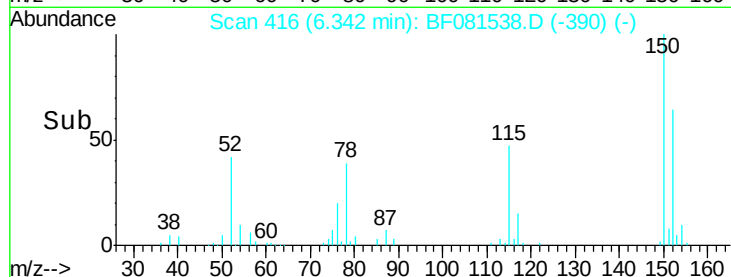
115 73.1 39.0 58.4#



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: 44.21 ng

RT: 1.66 min Scan# 6

Delta R.T. 0.01 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

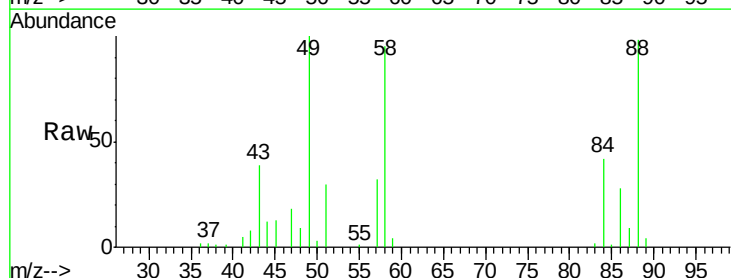
Tgt Ion: 88 Resp: 66668

Ion Ratio Lower Upper

88 100

58 85.9 77.7 116.5

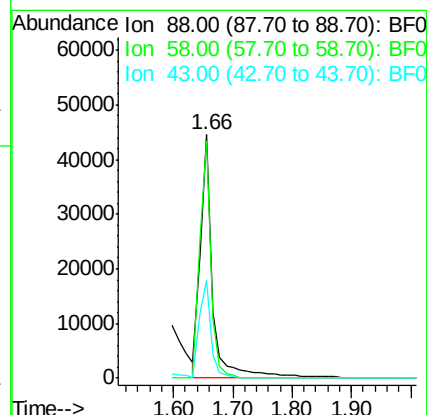
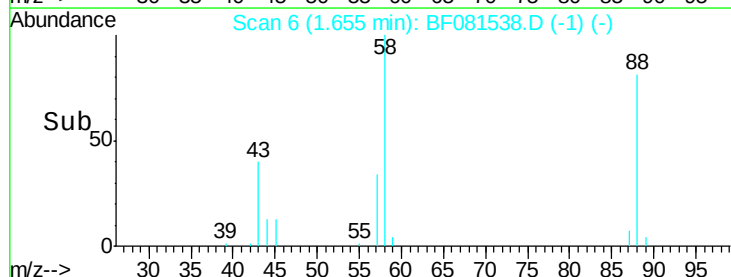
43 37.1 26.6 40.0

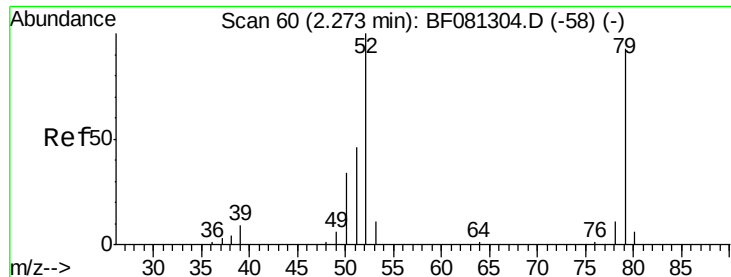


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.43 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

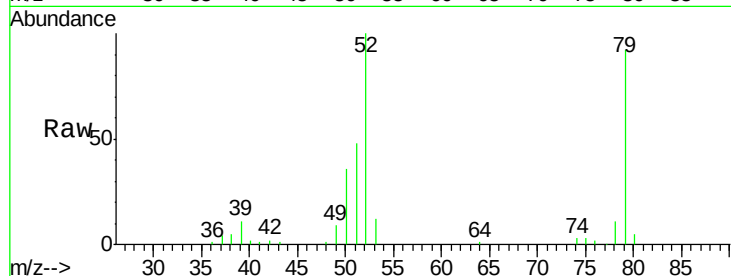
Tot Ion: 79 Resp: 134861

Ion Ratio Lower Upper

79 100

52 108.7 76.8 115.2

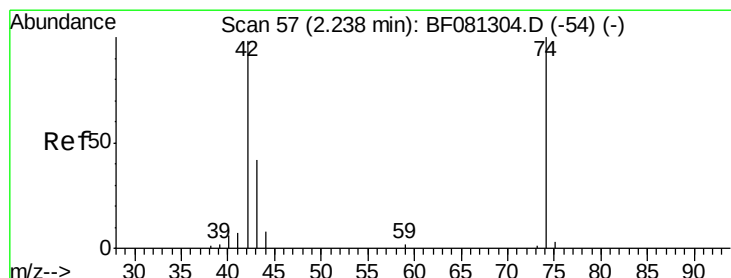
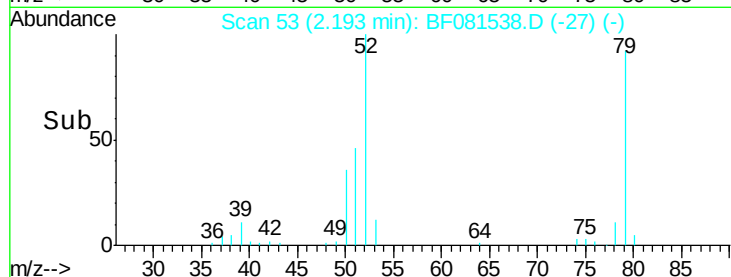
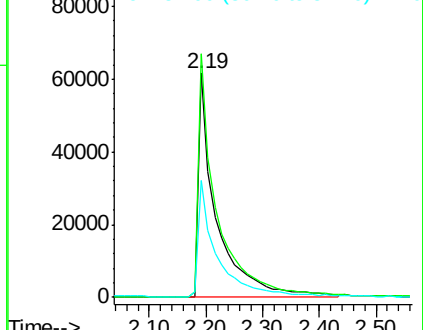
51 52.4 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.95 ng

RT: 2.16 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

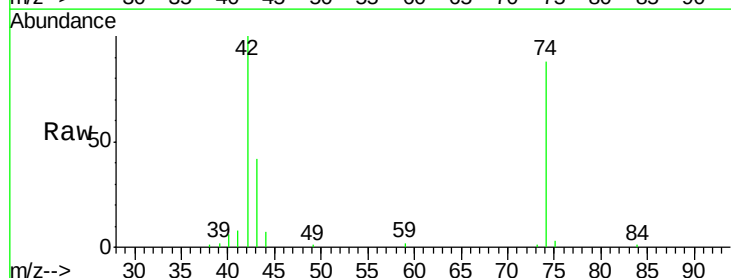
Tgt Ion: 42 Resp: 99213

Ion Ratio Lower Upper

42 100

74 87.6 105.0 157.6#

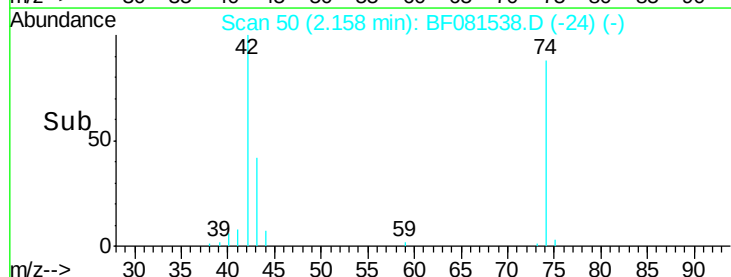
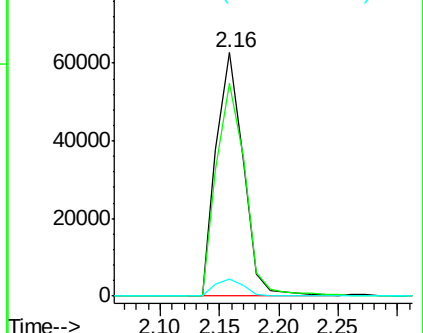
44 7.3 6.6 10.0

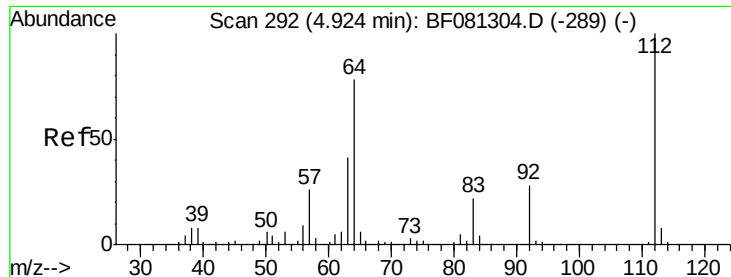


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.10 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

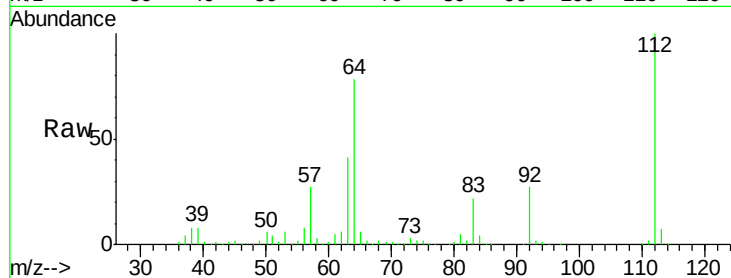
Tot Ion:112 Resp: 265578

Ion Ratio Lower Upper

112 100

64 77.5 39.7 59.5#

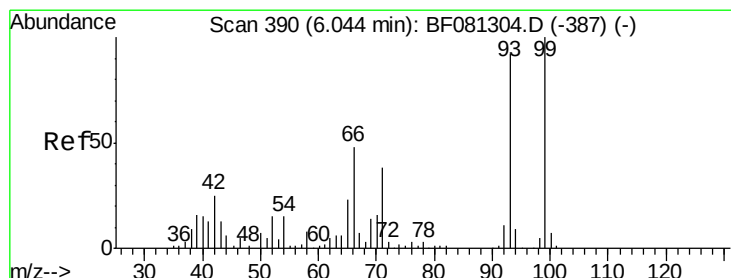
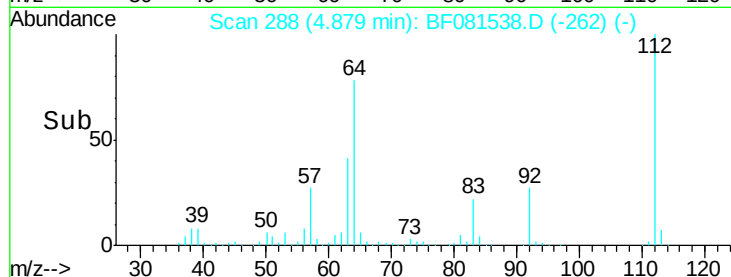
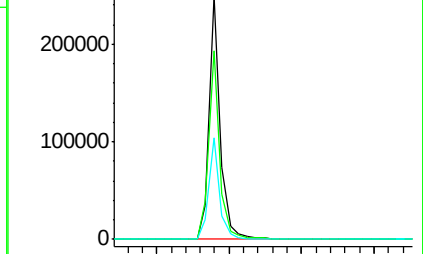
63 41.5 17.4 26.0#



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: 41.29 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

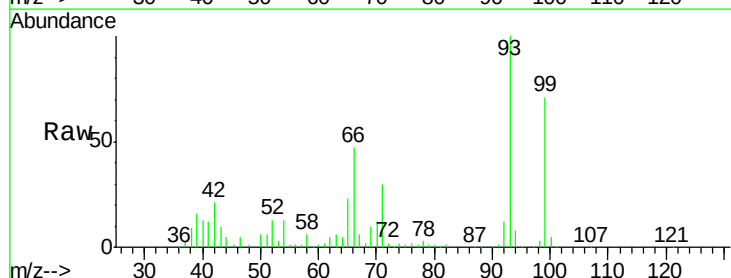
Tgt Ion: 93 Resp: 259125

Ion Ratio Lower Upper

93 100

66 47.3 27.2 40.8#

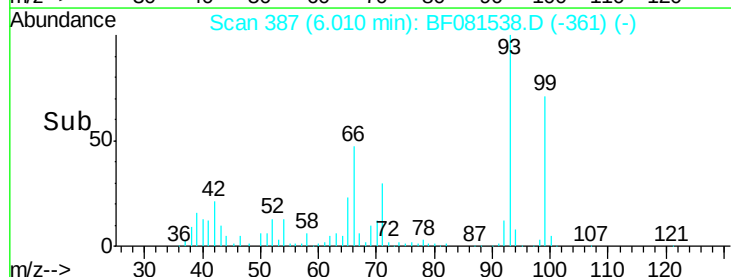
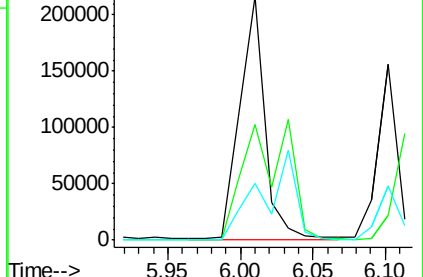
65 23.1 14.7 22.1#

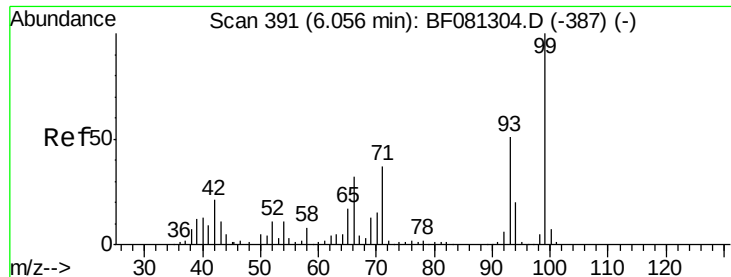


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.73 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

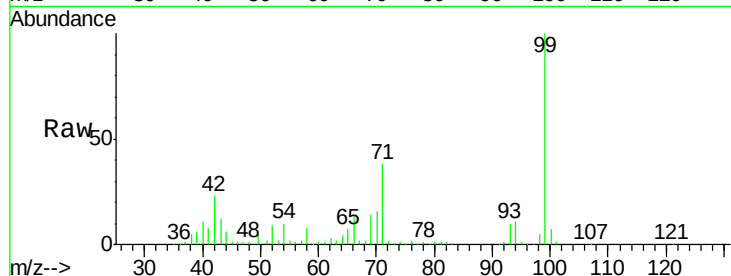
Tot Ion: 99 Resp: 358774

Ion Ratio Lower Upper

99 100

42 22.6 13.7 20.5#

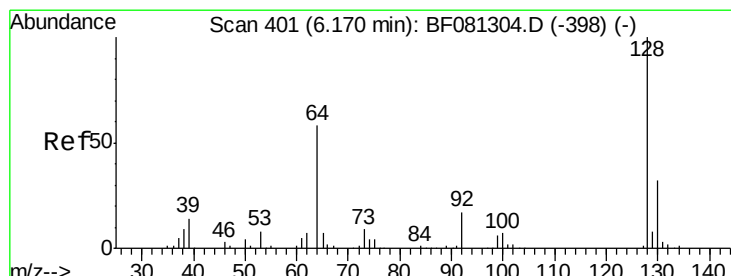
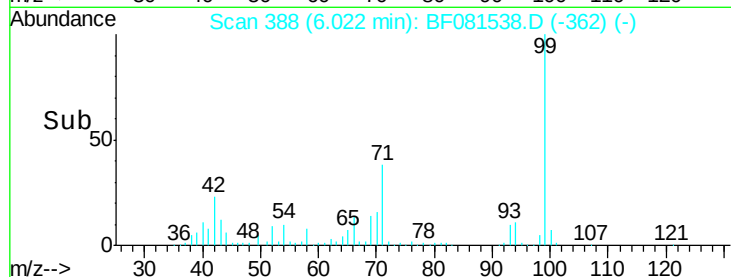
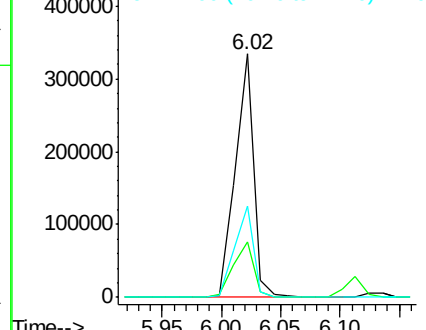
71 37.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.15 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

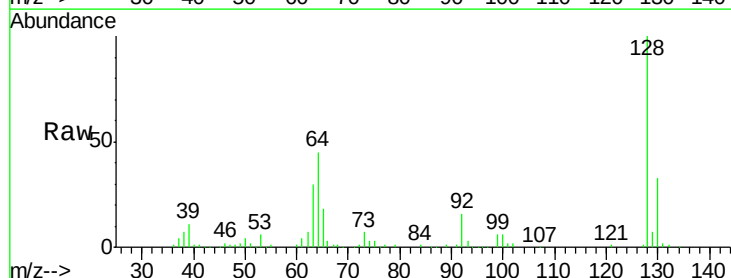
Tgt Ion: 128 Resp: 144822

Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

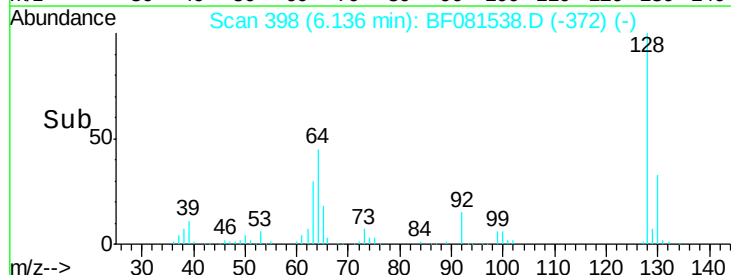
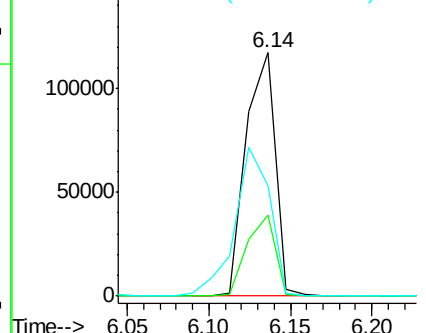
64 45.3 20.5 60.5

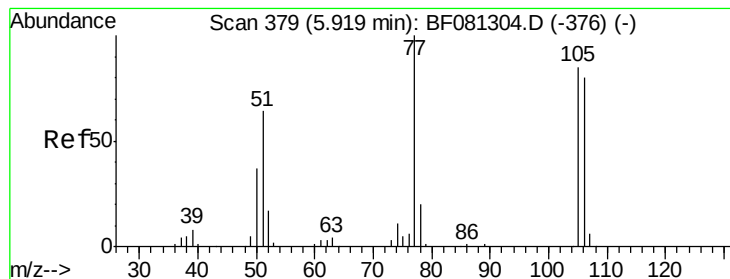


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.14 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

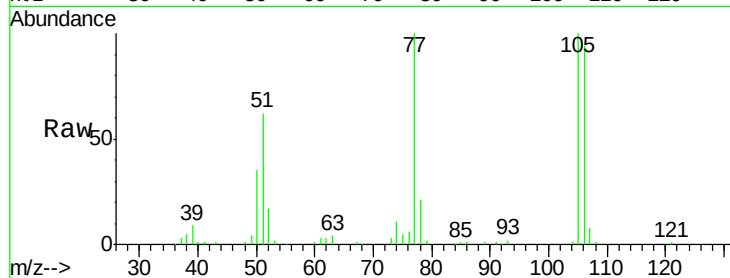
Tot Ion: 77 Resp: 109001

Ion Ratio Lower Upper

77 100

105 99.6 91.6 131.6

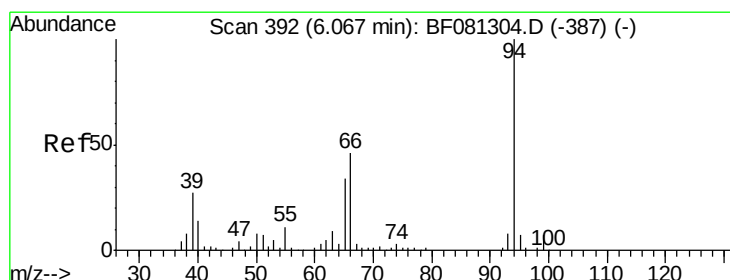
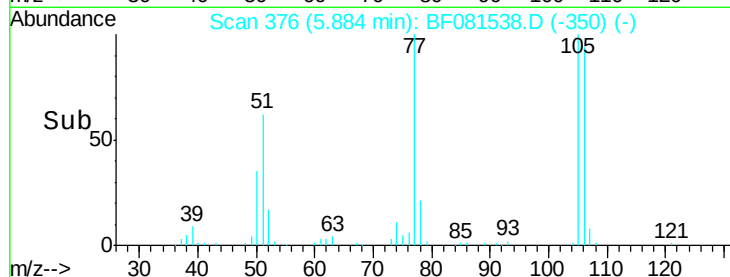
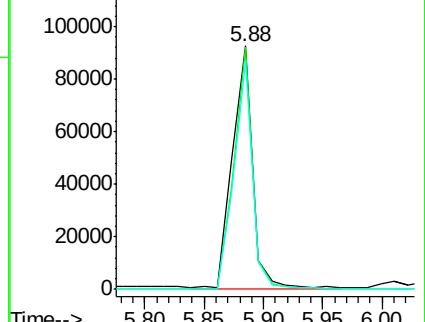
106 93.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.67 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

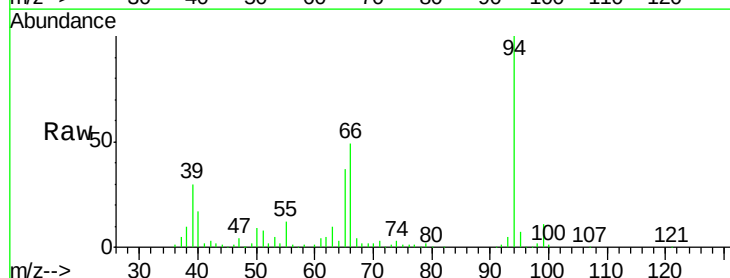
Tgt Ion: 94 Resp: 214760

Ion Ratio Lower Upper

94 100

65 36.6 0.7 40.7

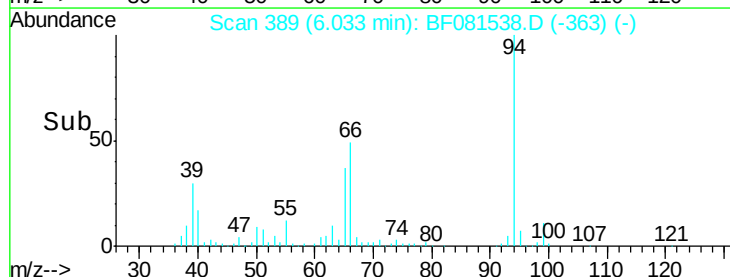
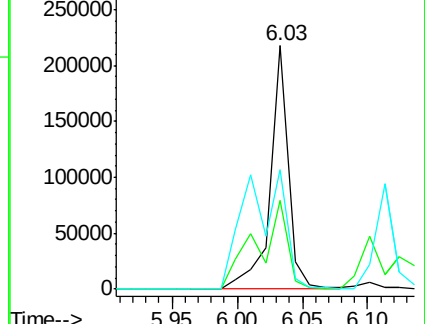
66 49.2 0.8 40.8#

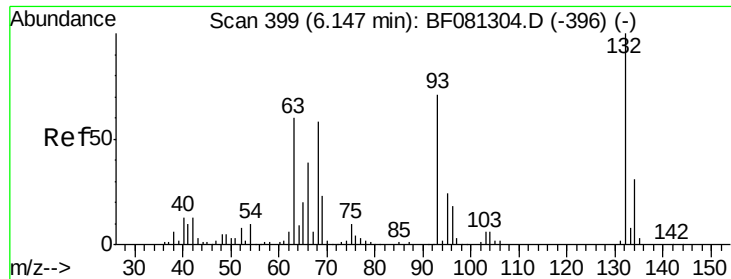


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.38 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

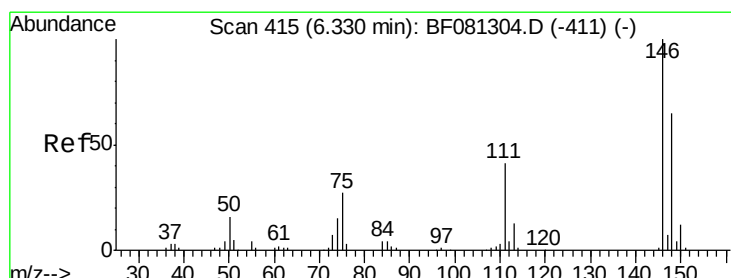
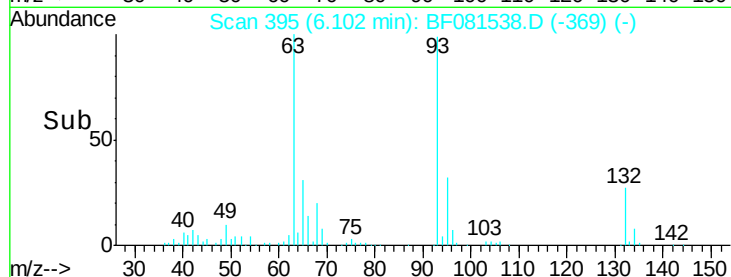
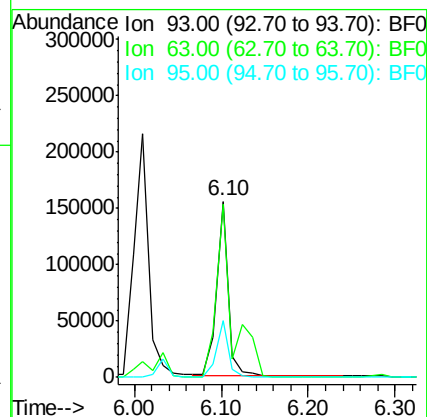
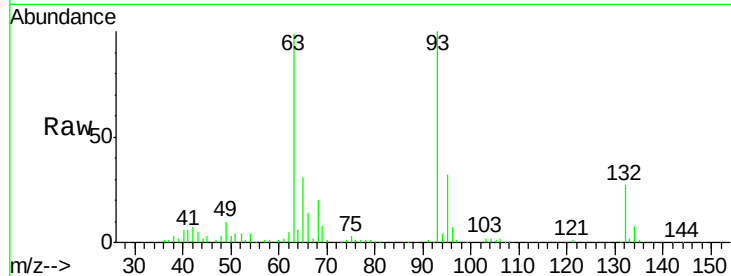
Tot Ion: 93 Resp: 150155

Ion Ratio Lower Upper

93 100

63 98.8 65.6 105.6

95 32.0 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 40.49 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

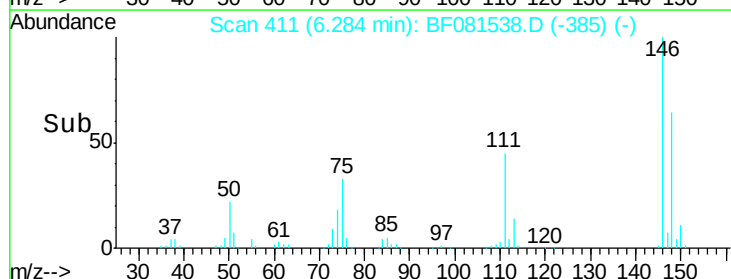
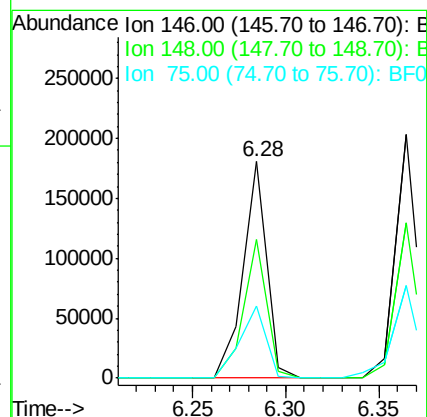
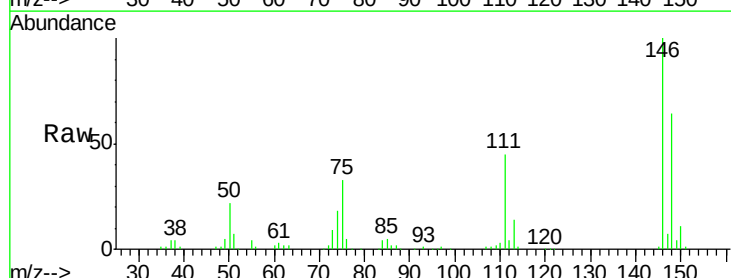
Tgt Ion: 146 Resp: 160051

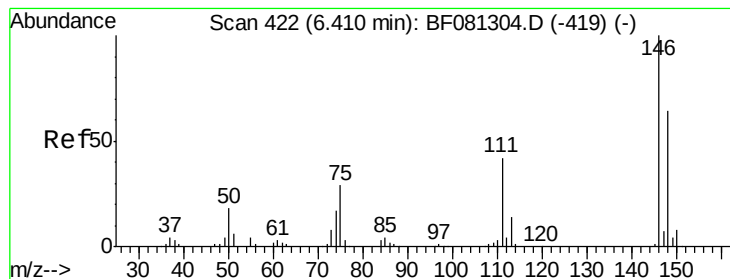
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 33.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.67 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampled :

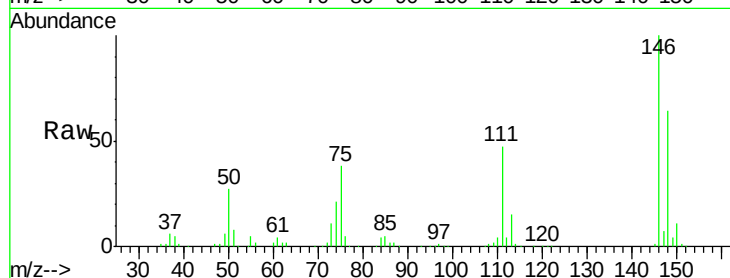
Tot Ion:146 Resp: 163691

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

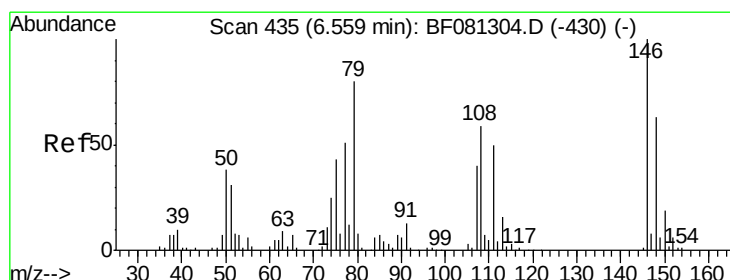
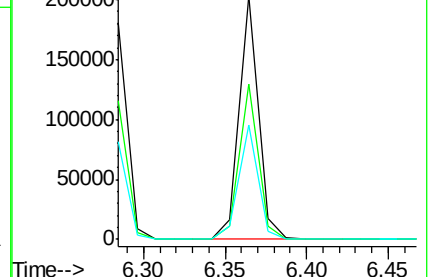
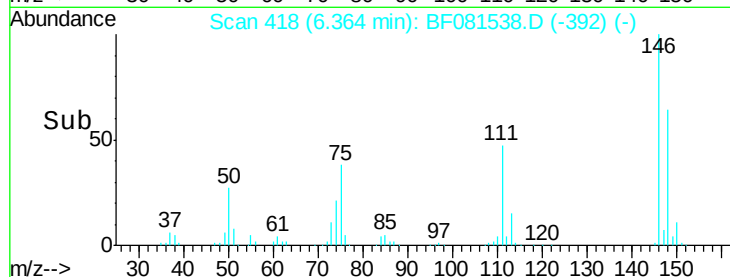
111 47.0 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.81 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

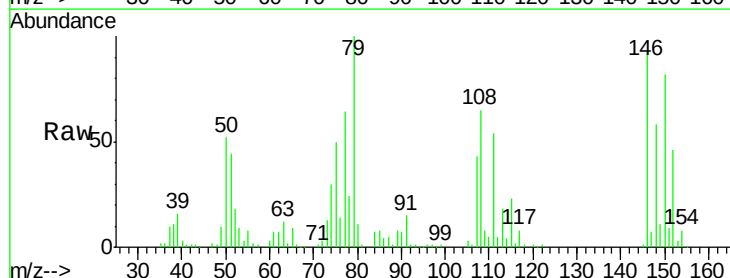
Tgt Ion:146 Resp: 133404

Ion Ratio Lower Upper

146 100

148 62.4 52.7 79.1

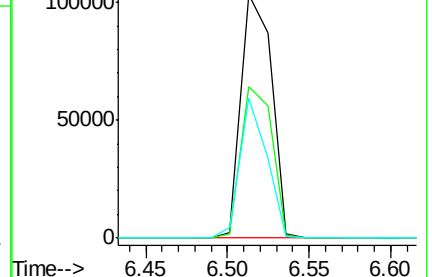
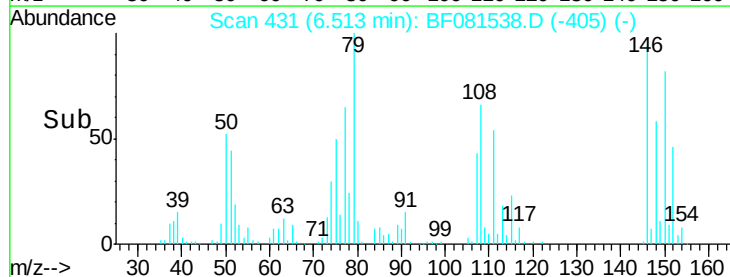
111 57.6 28.8 43.2#

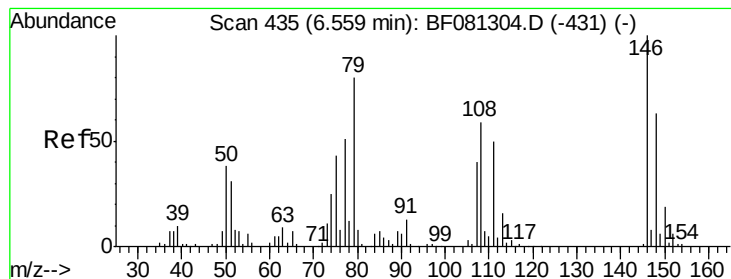


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampled :

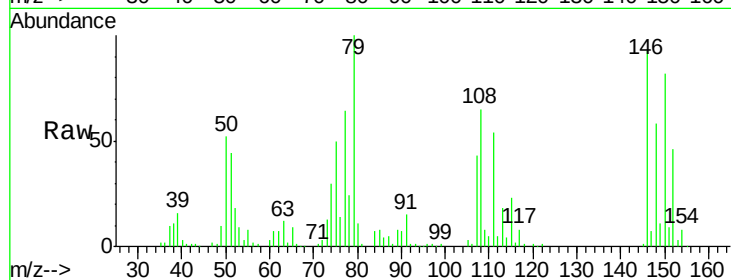
Tot Ion: 79 Resp: 138947

Ion Ratio Lower Upper

79 100

108 65.4 88.6 132.8#

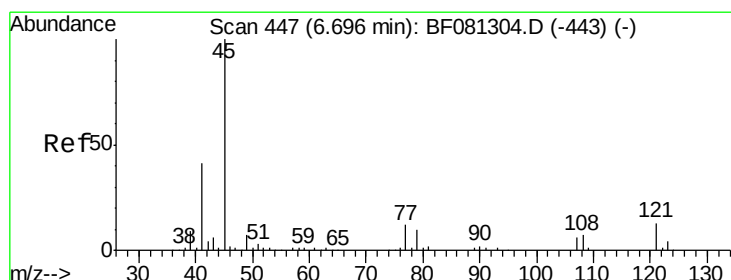
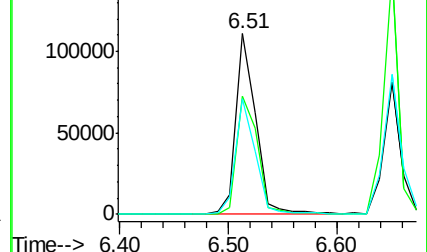
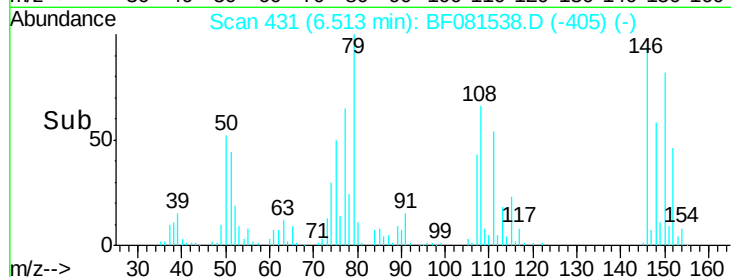
77 64.3 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.16 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

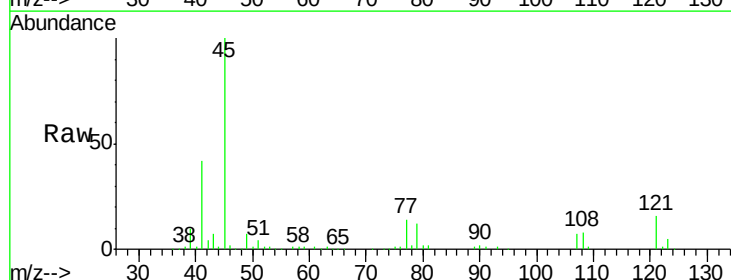
Tgt Ion: 45 Resp: 293372

Ion Ratio Lower Upper

45 100

77 14.4 0.0 28.1

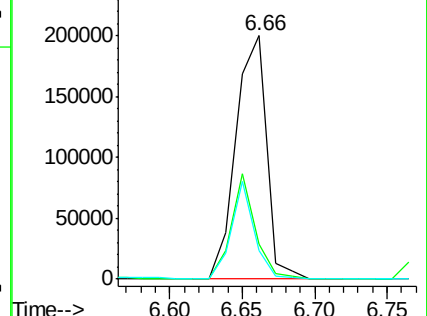
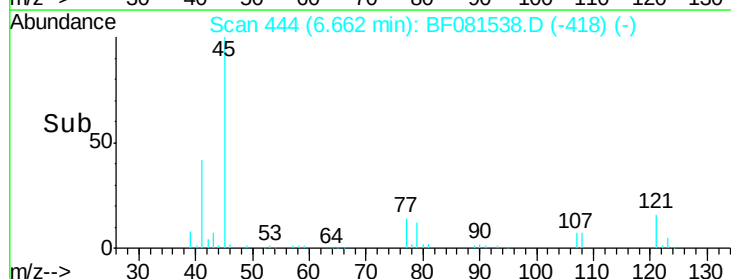
79 11.8 0.0 26.0

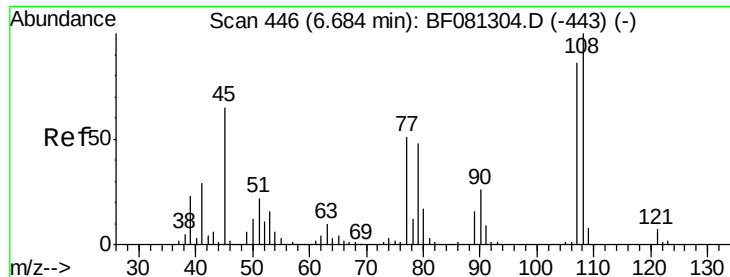


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

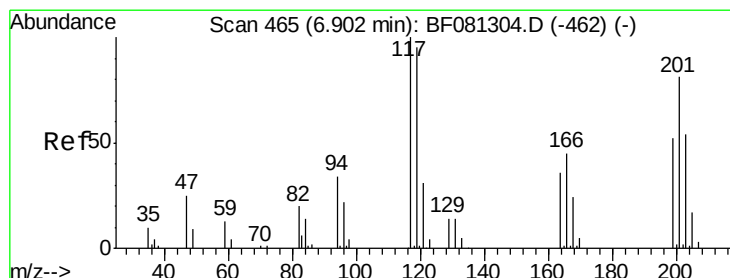
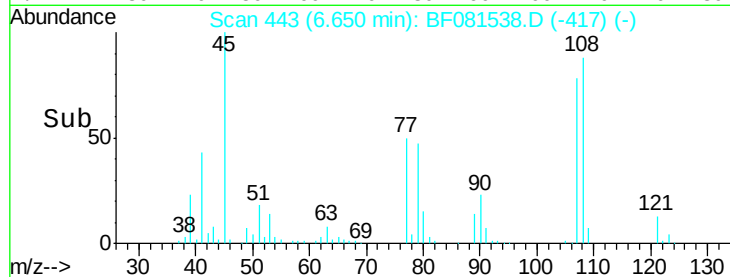
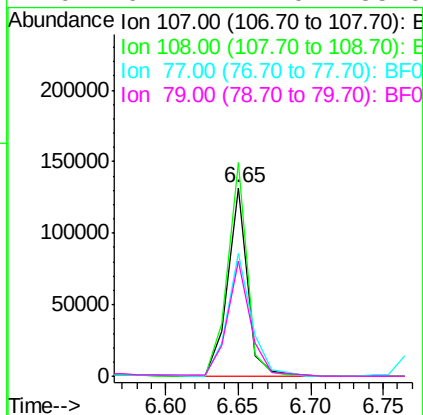
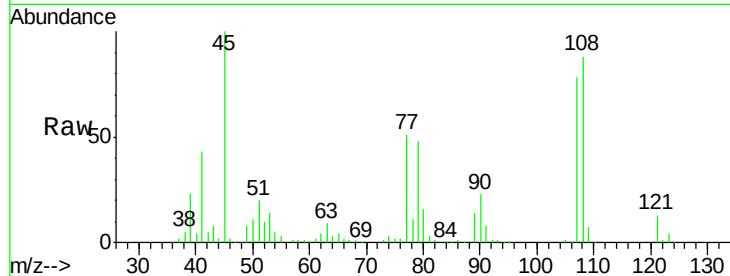




#17
2-Methylphenol
Concen: 42.71 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

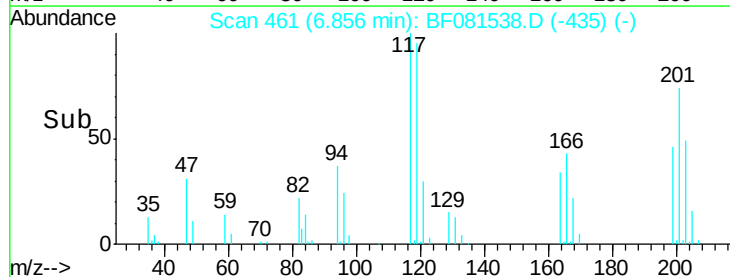
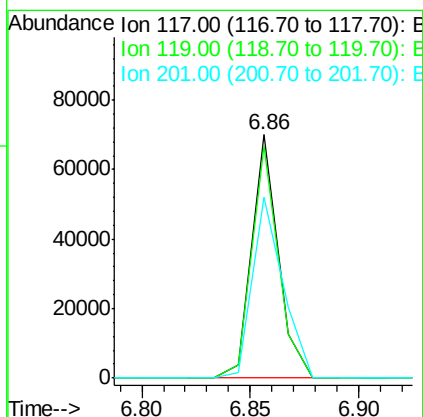
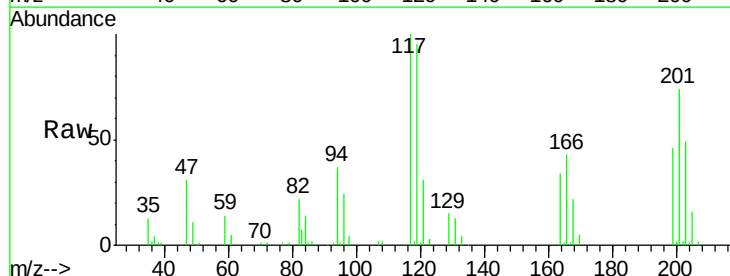
Instrument :
BNA_F
ClientSampleId :

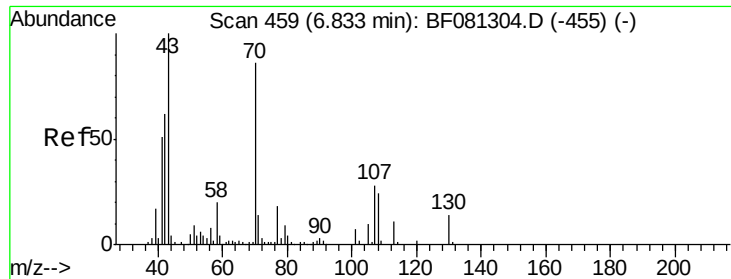
Tot Ion:107 Resp: 126083
Ion Ratio Lower Upper
107 100
108 113.1 96.6 145.0
77 65.3 23.3 34.9#
79 61.2 22.0 33.0#



#18
Hexachloroethane
Concen: 37.88 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:117 Resp: 59319
Ion Ratio Lower Upper
117 100
119 95.4 83.8 125.6
201 74.2 55.1 82.7

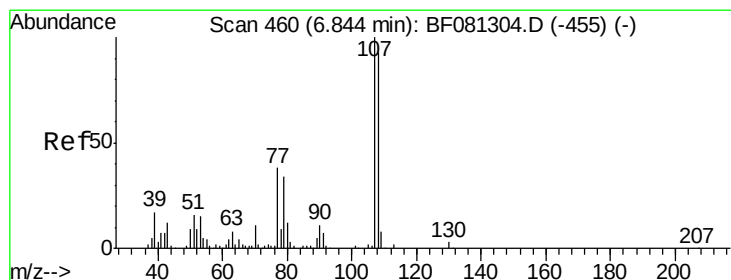
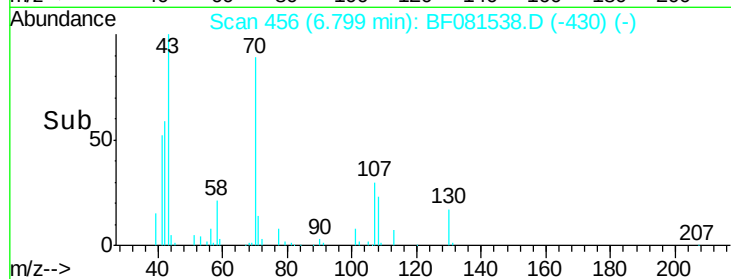
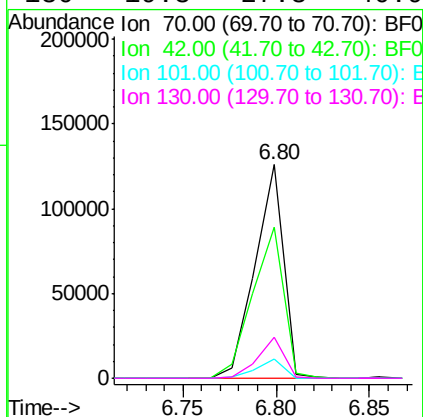
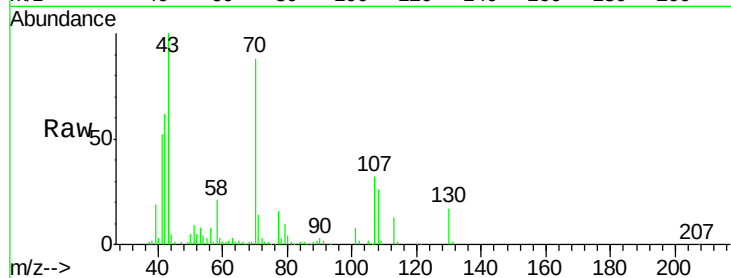




#19
n-Nitroso-di-n-propylamine
Concen: 43.94 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

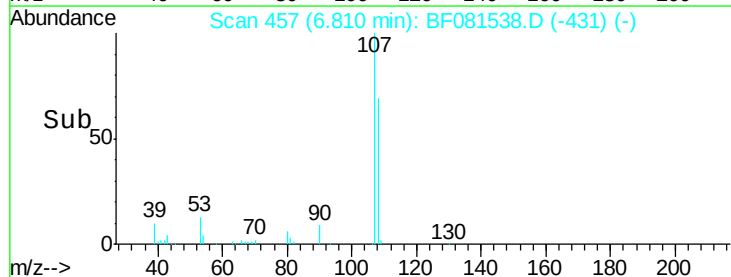
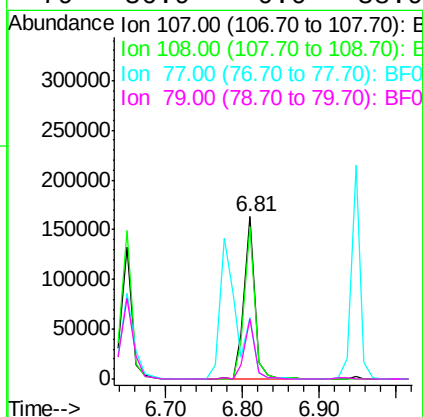
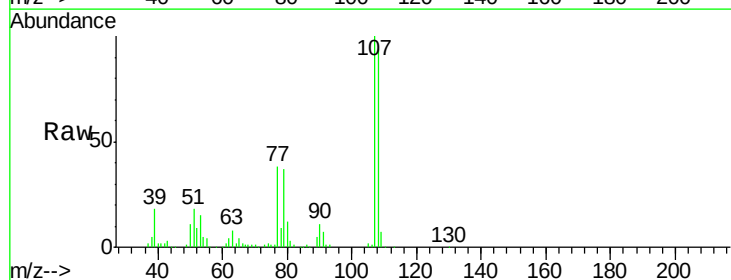
Instrument :
BNA_F
ClientSampleId :

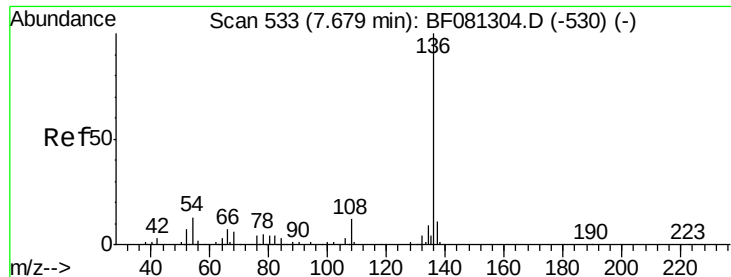
Tot Ion: 70 Resp: 132915
Ion Ratio Lower Upper
70 100
42 70.5 63.8 95.6
101 9.2 9.2 13.8
130 19.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 40.68 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:107 Resp: 161896
Ion Ratio Lower Upper
107 100
108 93.5 74.6 114.6
77 38.0 0.7 40.7
79 36.9 0.0 38.9

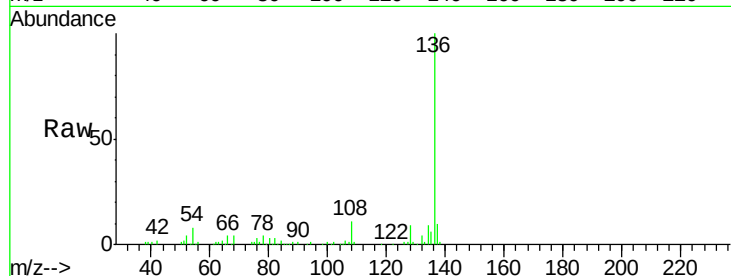




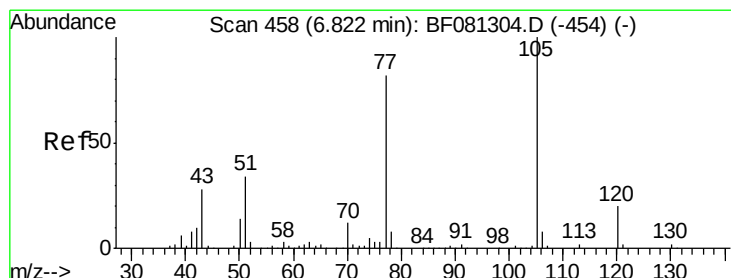
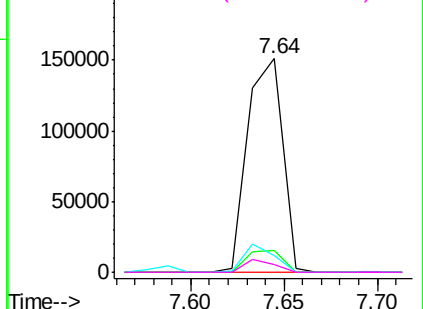
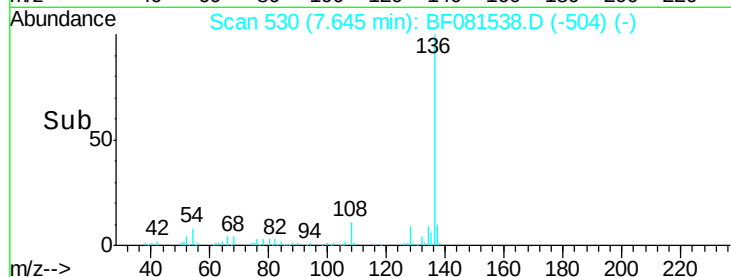
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	196860
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.0 13.6
54	8.0	8.2 12.2#
68	3.6	5.8 8.6#

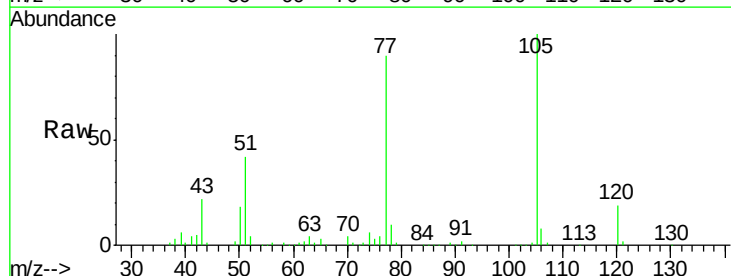


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

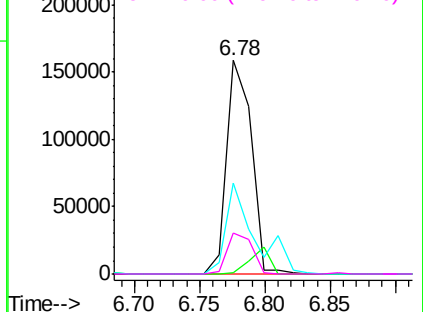
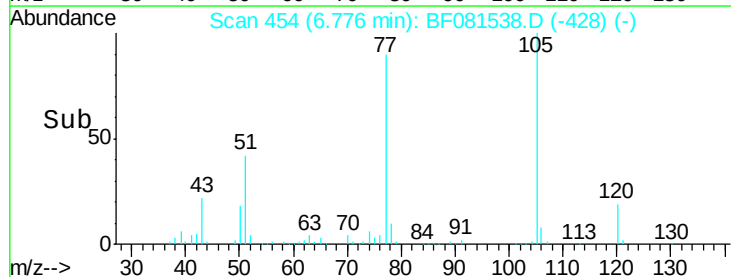


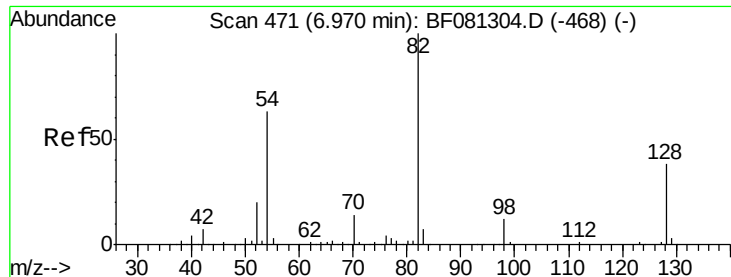
#22
Acetophenone
Concen: 38.82 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:105	Resp:	208732
Ion Ratio	Lower	Upper
105	100	
71	0.6	4.7 7.1#
51	42.4	22.0 33.0#
120	19.0	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

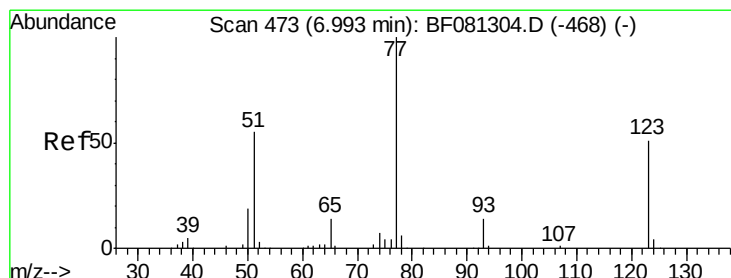
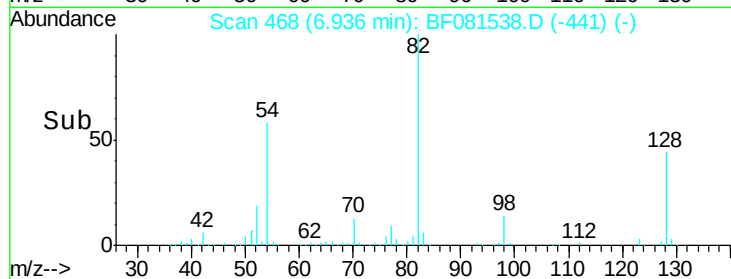
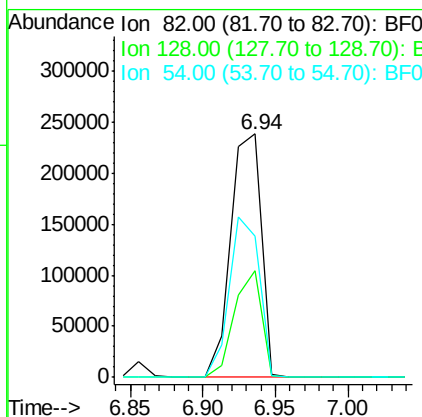
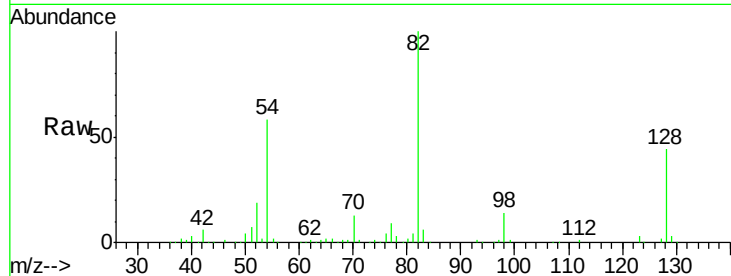




#23
 Nitrobenzene-d5
 Concen: 85.54 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

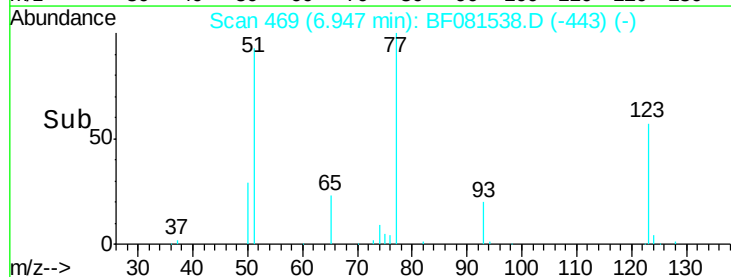
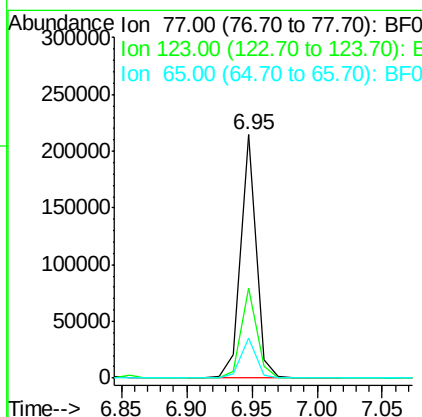
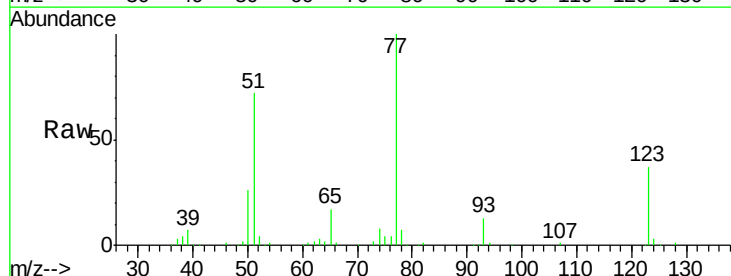
Instrument :
 BNA_F
 ClientSampleID :

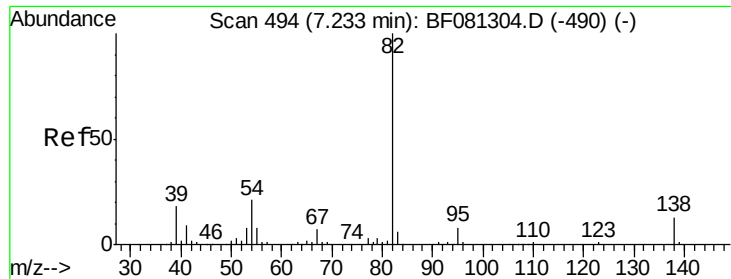
Tot Ion: 82 Resp: 349034
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 57.7 47.5 71.3



#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion: 77 Resp: 175526
 Ion Ratio Lower Upper
 77 100
 123 37.1 59.8 89.8#
 65 16.7 10.2 15.4#





#25

Isophorone

Concen: 42.09 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

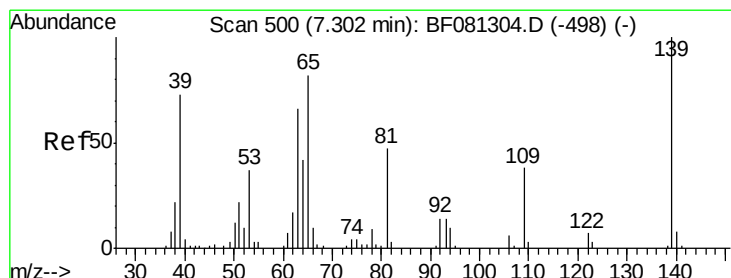
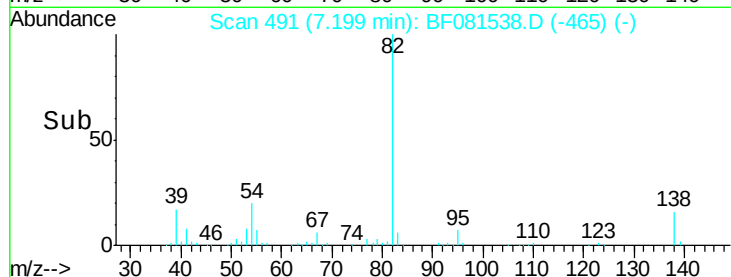
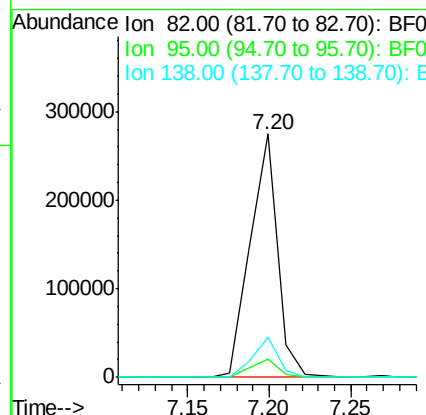
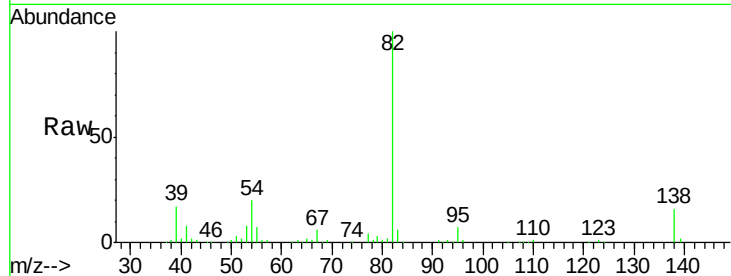
Tot Ion: 82 Resp: 319420

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 16.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 42.69 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

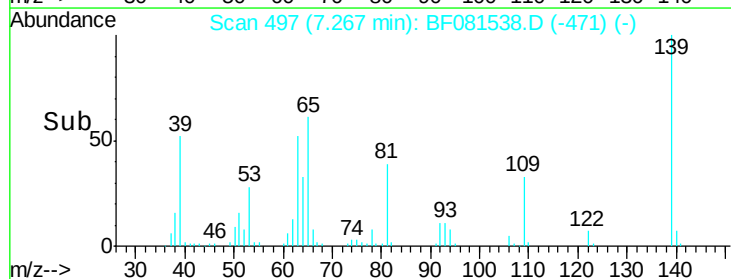
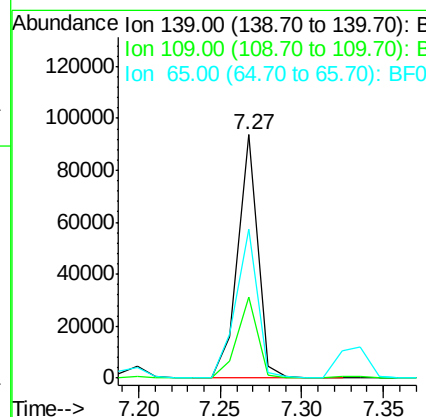
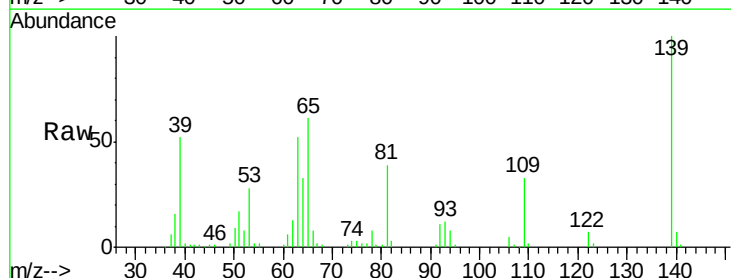
Tgt Ion: 139 Resp: 78843

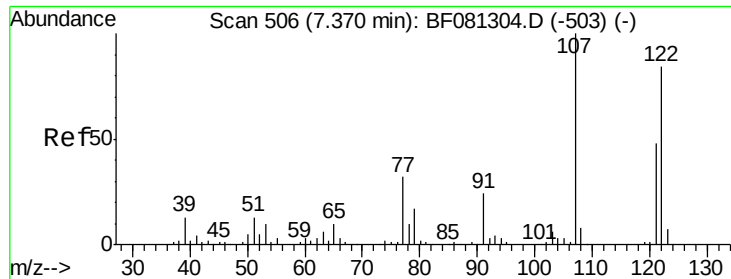
Ion Ratio Lower Upper

139 100

109 33.2 11.0 16.4#

65 61.2 24.7 37.1#

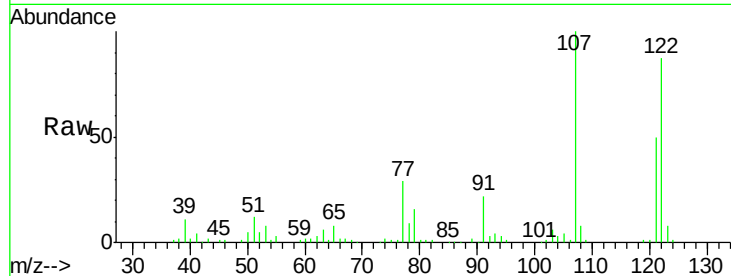




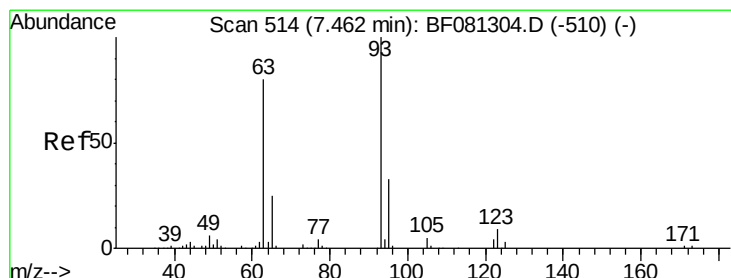
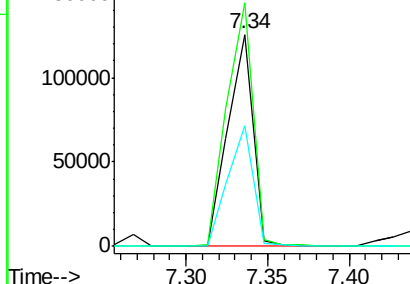
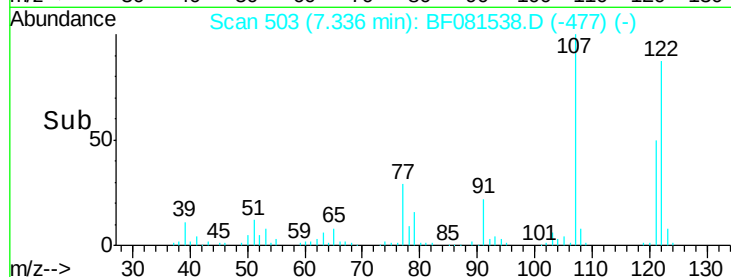
#27
 2,4-Dimethylphenol
 Concen: 41.96 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 133855
 Ion Ratio Lower Upper
 122 100
 107 115.1 71.8 107.6#
 121 57.0 42.3 63.5

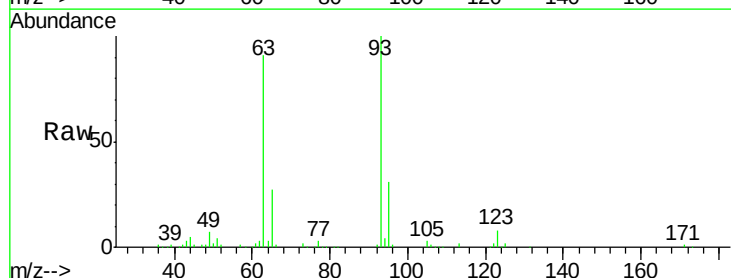


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

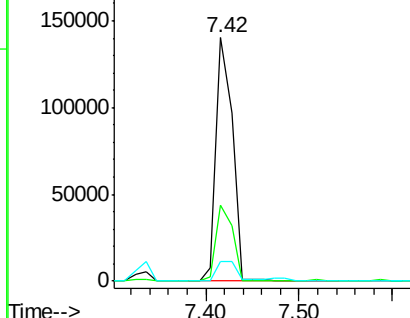
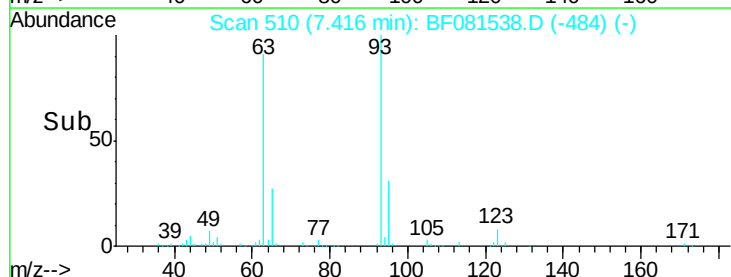


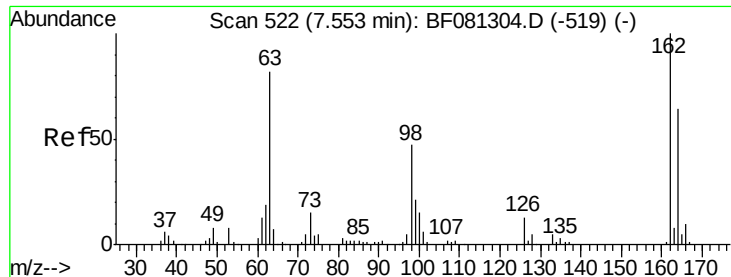
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.21 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion: 93 Resp: 171872
 Ion Ratio Lower Upper
 93 100
 95 31.3 27.5 41.3
 123 8.2 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

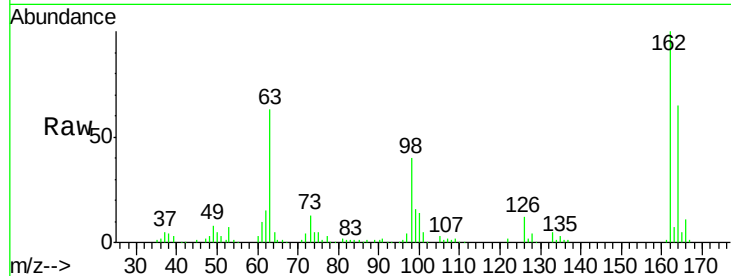




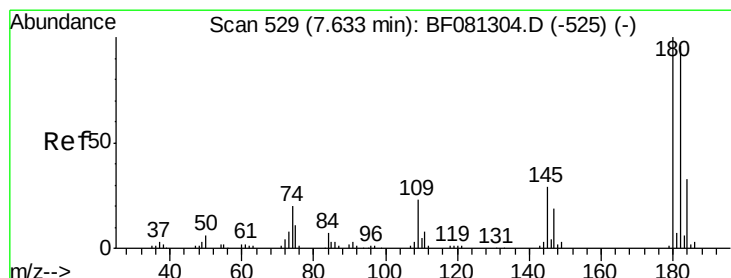
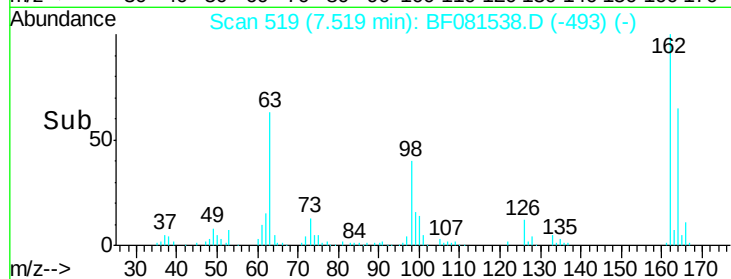
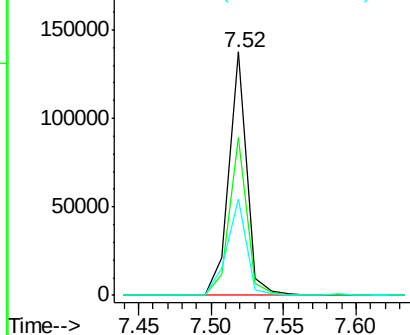
#29
 2,4-Dichlorophenol
 Concen: 42.85 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	39.8	13.0	53.0

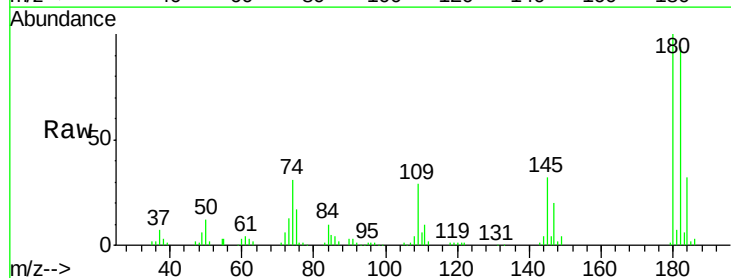


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

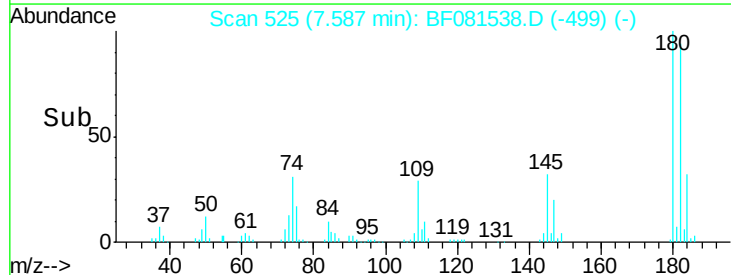
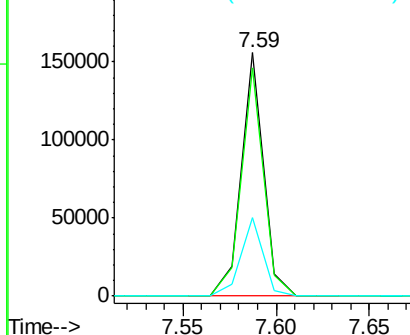


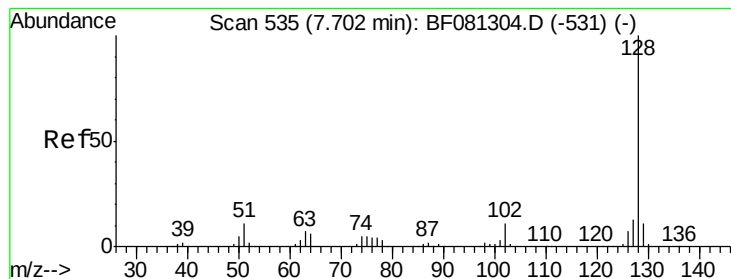
#30
 1,2,4-Trichlorobenzene
 Concen: 43.39 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.1	115.7
145	32.5	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: 38.50 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

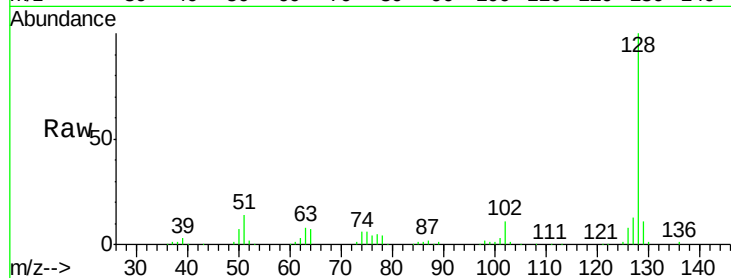
Tot Ion:128 Resp: 404211

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

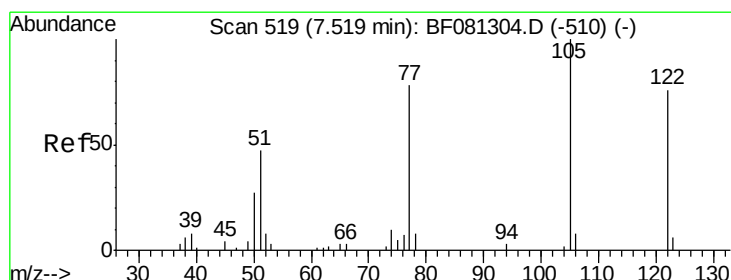
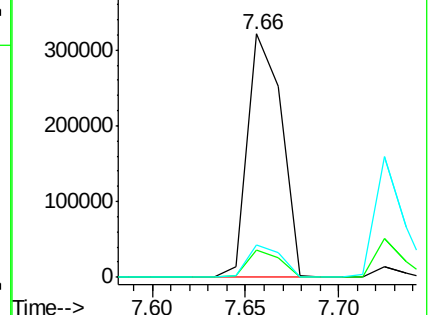
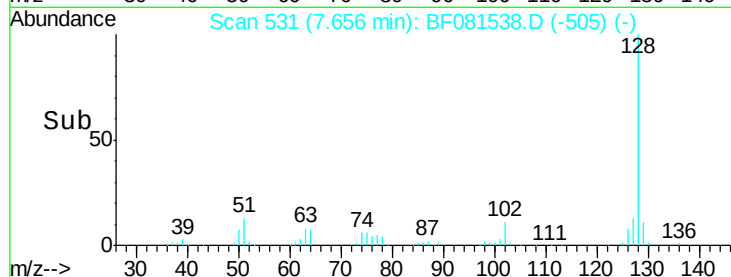
127 13.3 9.9 14.9



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: 27.91 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

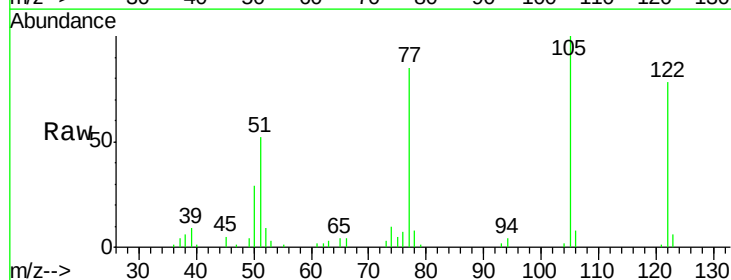
Tgt Ion:122 Resp: 60998

Ion Ratio Lower Upper

122 100

105 128.4 76.1 116.1#

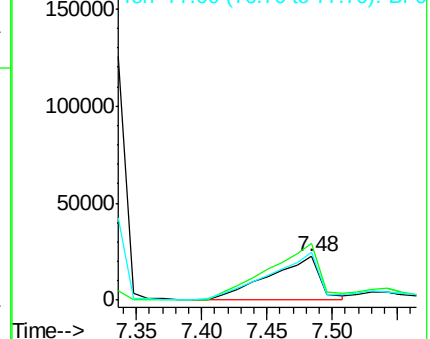
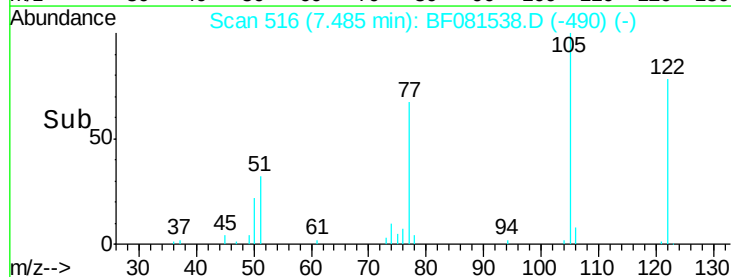
77 108.6 40.5 80.5#

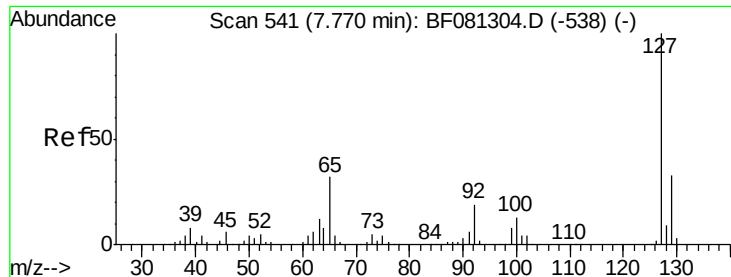


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

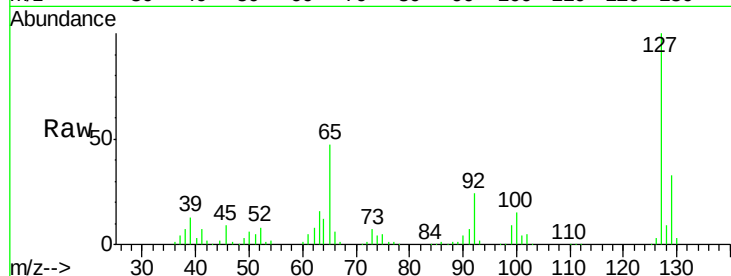




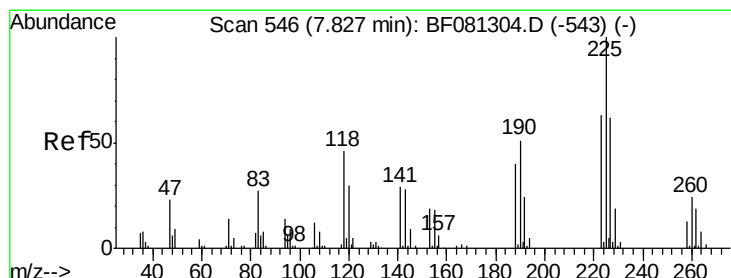
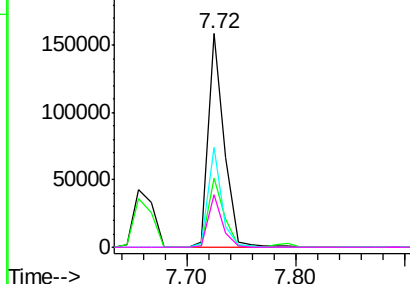
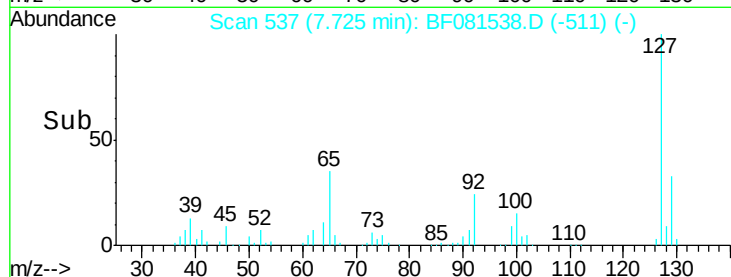
#33
4-Chloroaniline
Concen: 38.16 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	163394
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	47.0	17.9	26.9#
92	24.3	10.5	15.7#

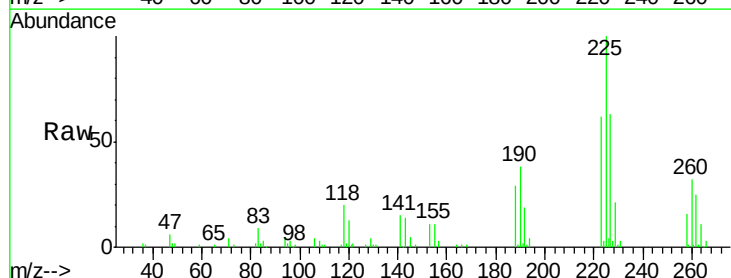


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

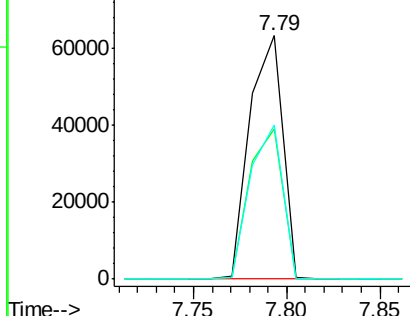
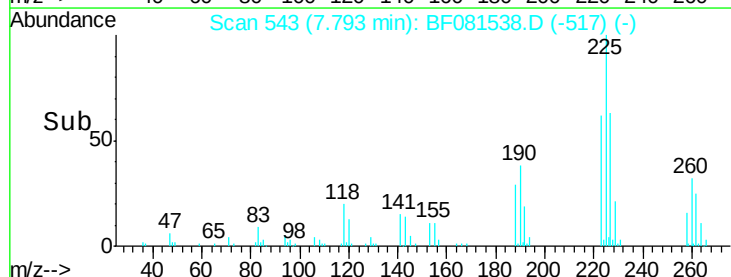


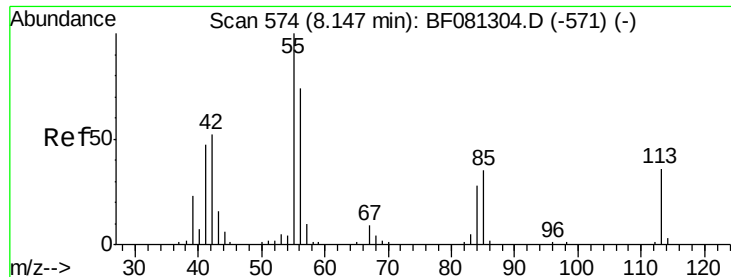
#34
Hexachlorobutadiene
Concen: 42.40 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:	225	Resp:	77542
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	63.4	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

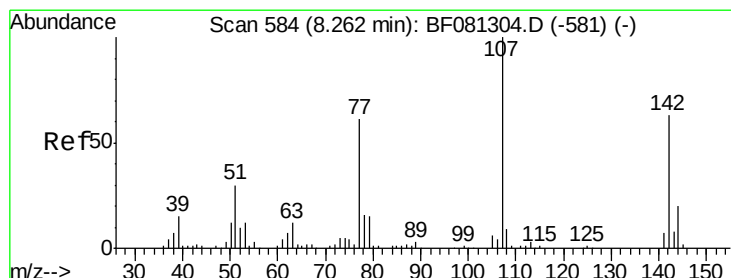
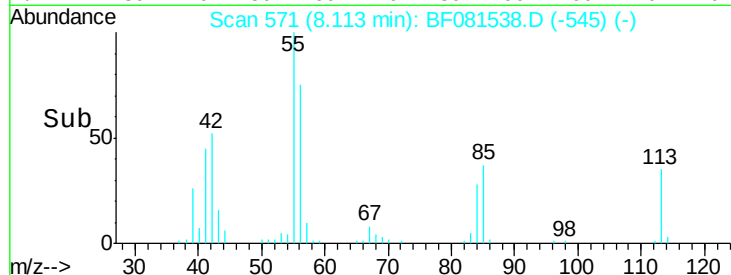
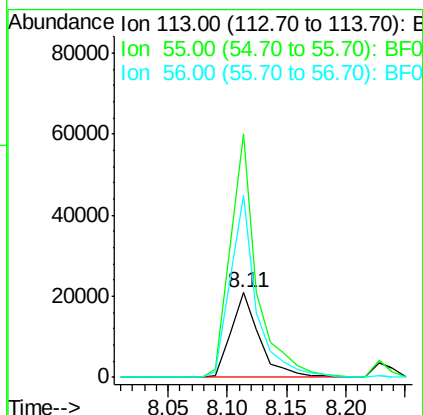
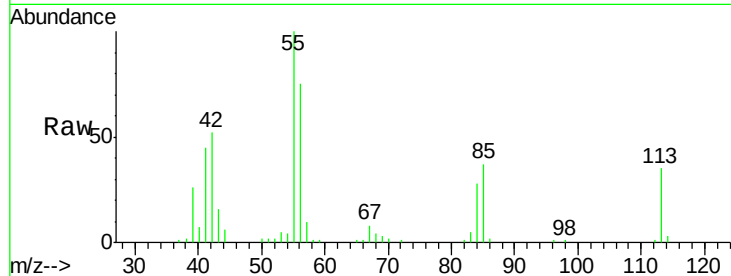




#35
 Caprolactam
 Concen: 40.56 ng
 RT: 8.11 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

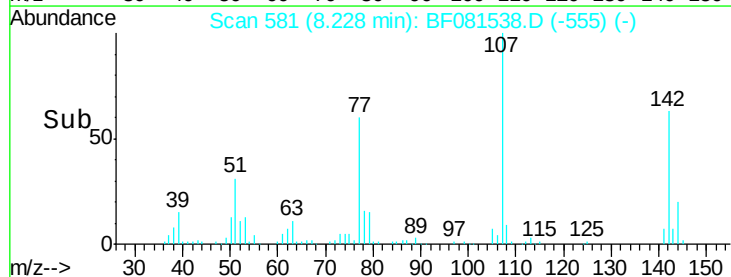
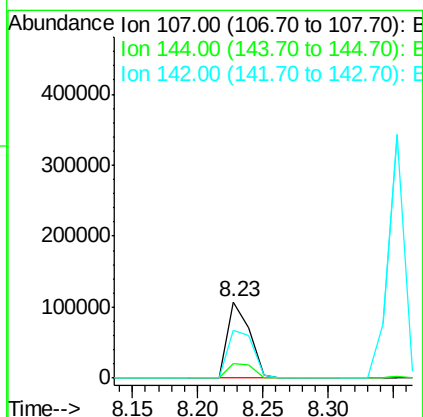
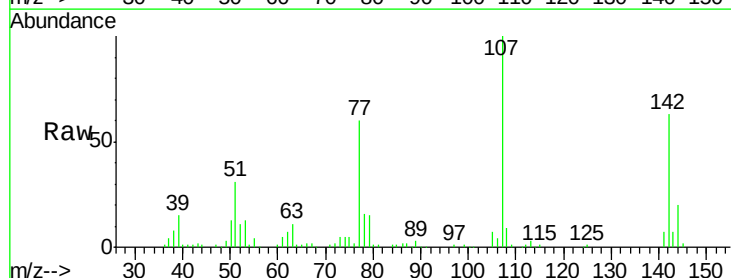
Instrument :
 BNA_F
 ClientSampleId :

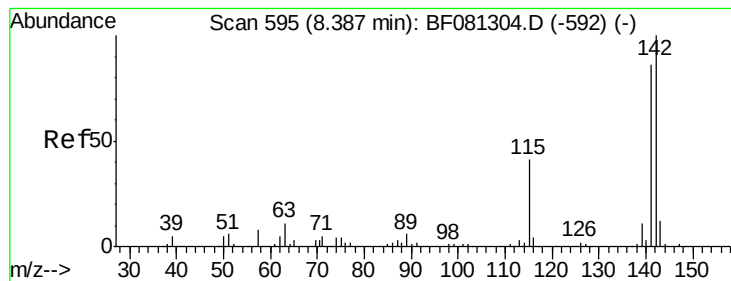
Tot Ion:113 Resp: 34413
 Ion Ratio Lower Upper
 113 100
 55 288.5 152.4 192.4#
 56 215.2 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.41 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:107 Resp: 128205
 Ion Ratio Lower Upper
 107 100
 144 19.6 25.4 38.0#
 142 63.5 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 43.19 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

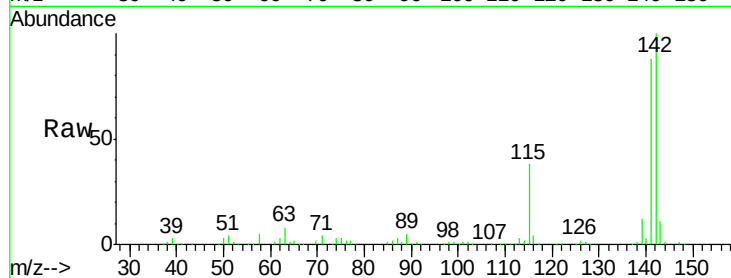
Tot Ion:142 Resp: 295065

Ion Ratio Lower Upper

142 100

141 87.6 67.5 101.3

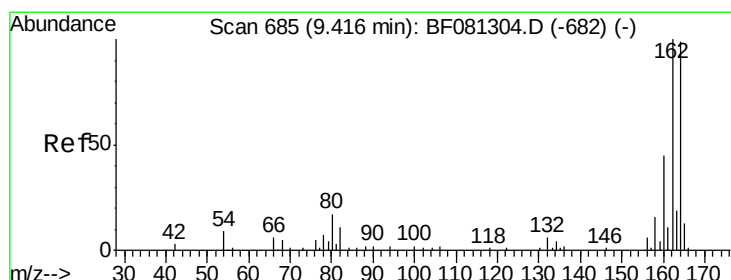
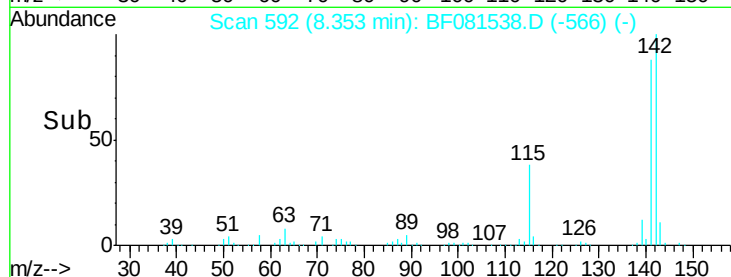
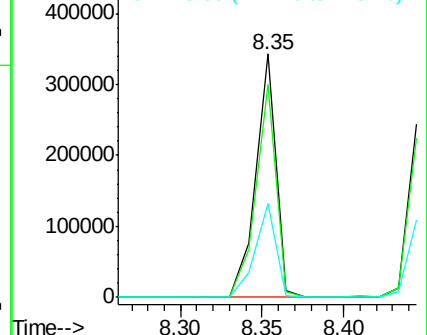
115 38.4 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

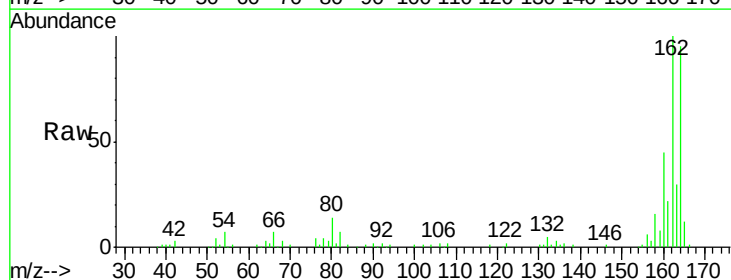
Tgt Ion:164 Resp: 93256

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

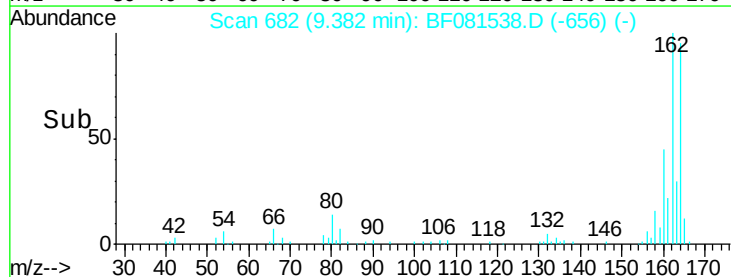
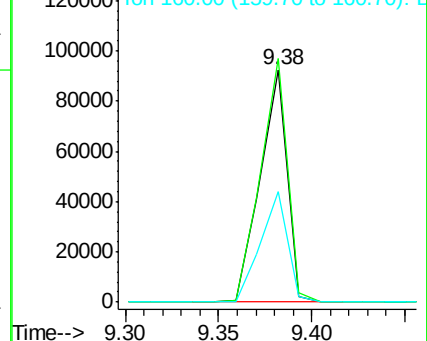
160 47.7 31.5 47.3#

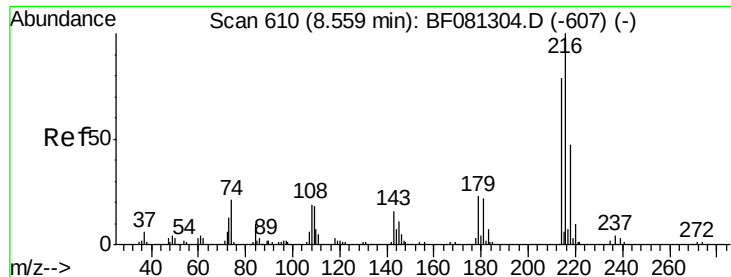


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

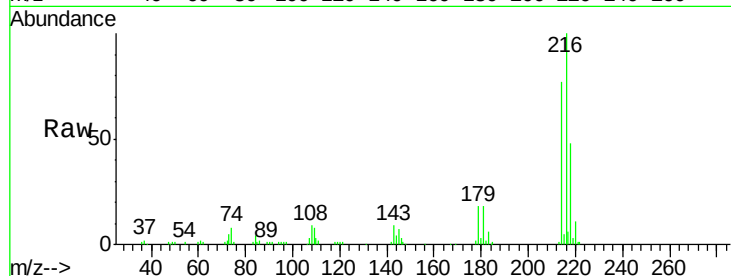




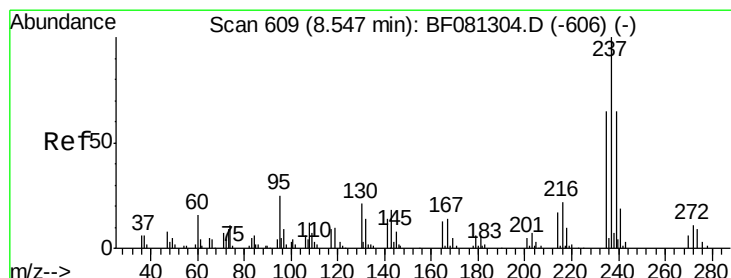
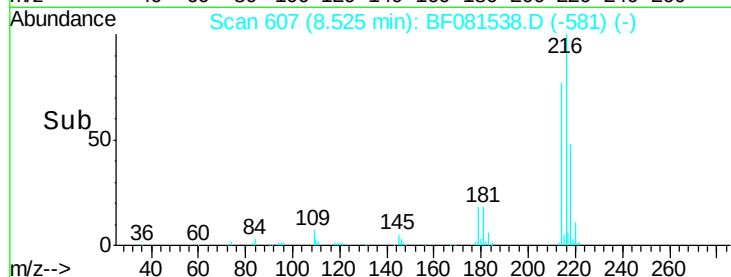
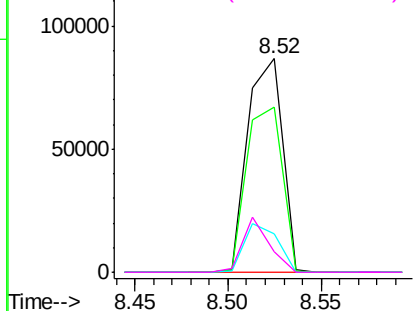
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.05 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	112207
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.5 95.3
179	21.9	16.6 24.8
108	19.8	16.3 24.5

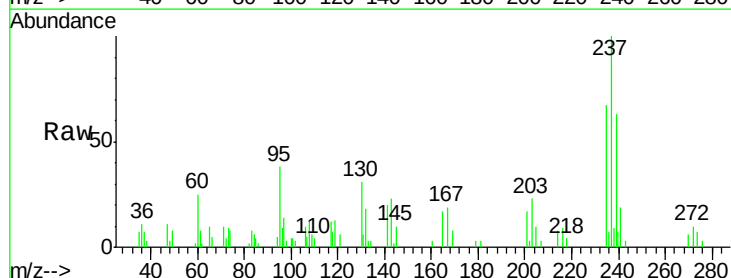


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

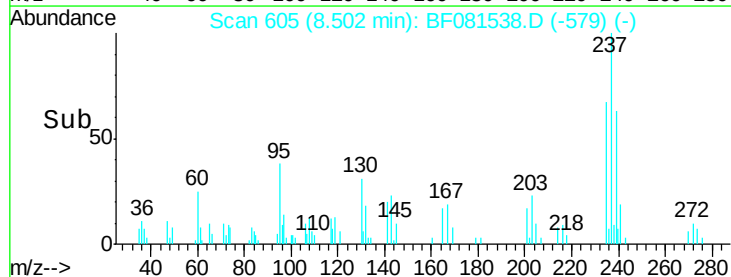
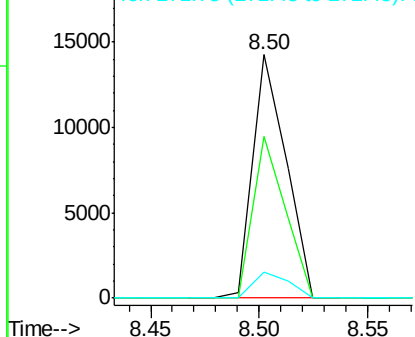


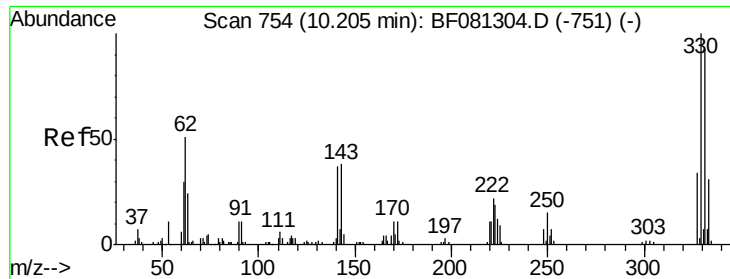
#40
 Hexachlorocyclopentadiene
 Concen: 10.54 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:237	Resp:	15249
Ion Ratio	Lower	Upper
237	100	
235	66.5	42.0 82.0
272	10.4	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

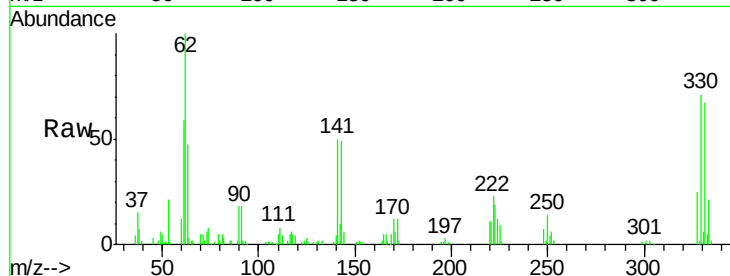




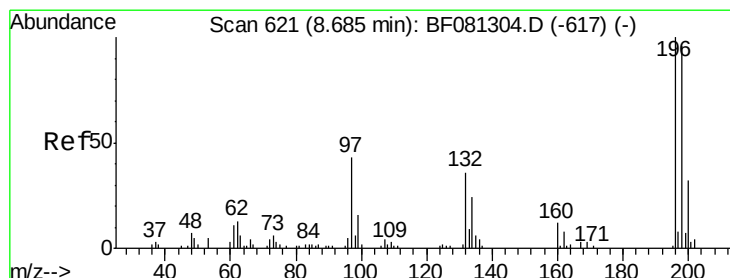
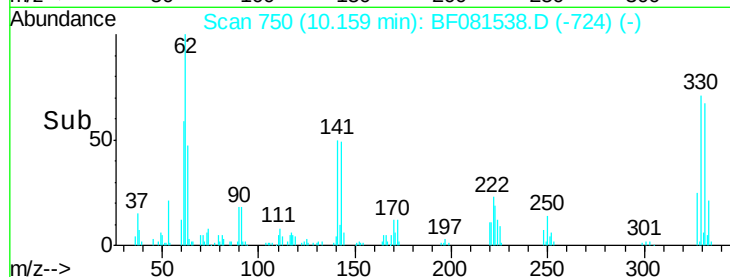
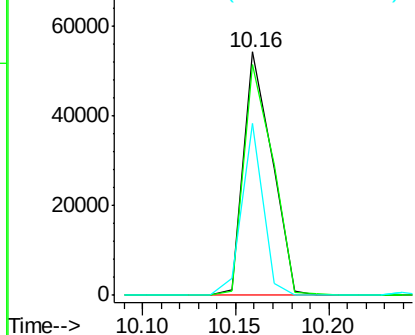
#41
 2,4,6-Tribromophenol
 Concen: 70.01 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 58129
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 52.7 29.7 44.5#

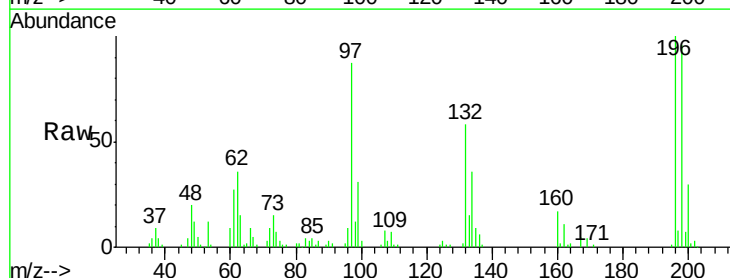


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

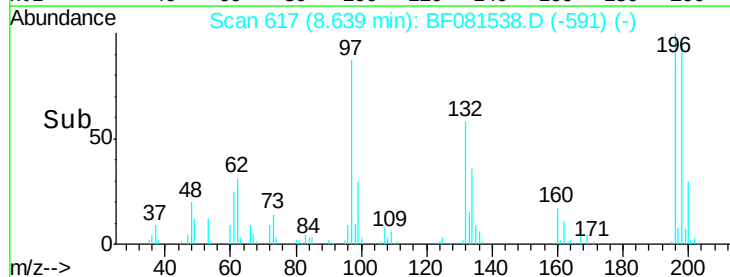
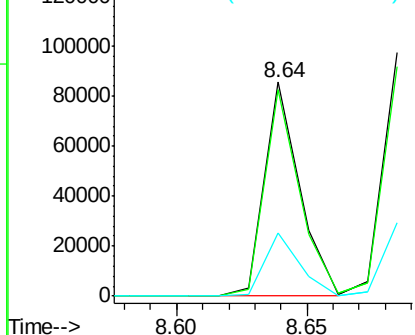


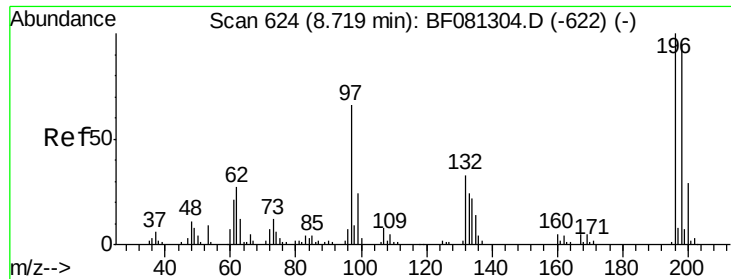
#42
 2,4,6-Trichlorophenol
 Concen: 39.04 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:196 Resp: 79463
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 29.7 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

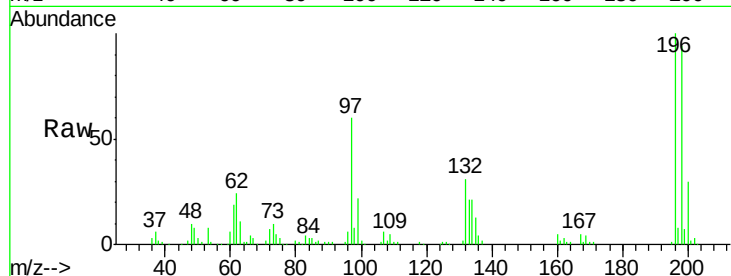




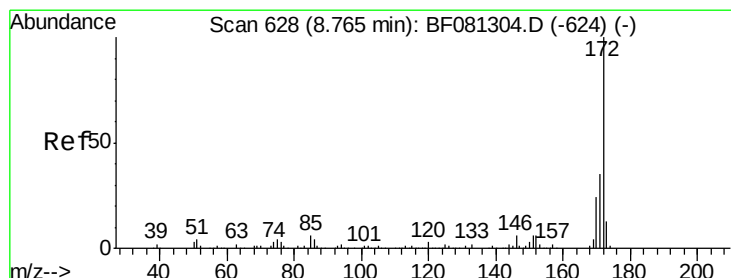
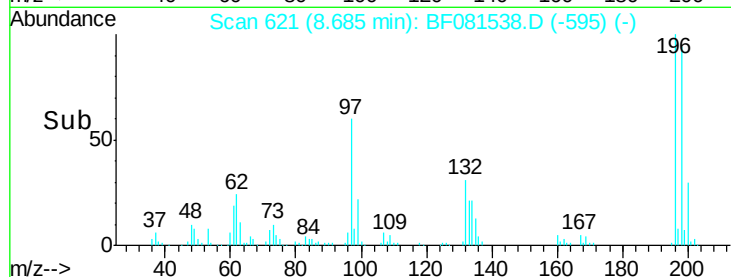
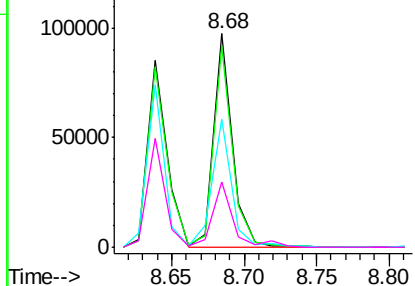
#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	87021
Ion Ratio	Lower	Upper
196	100	
198	94.2	75.4 113.0
97	59.9	33.3 49.9#
132	30.8	24.6 37.0

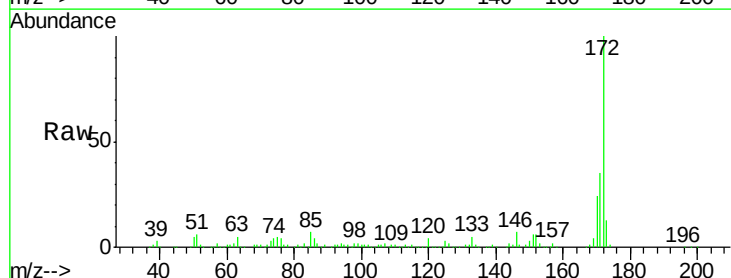


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

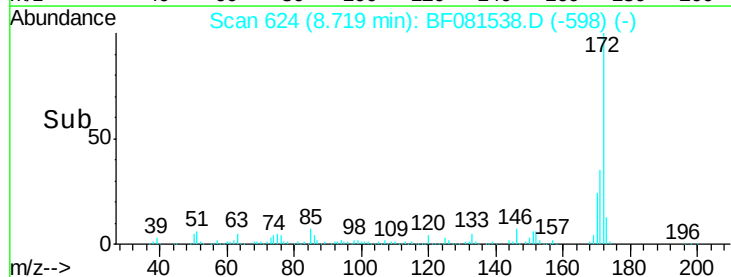
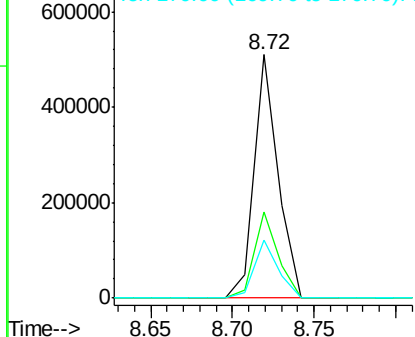


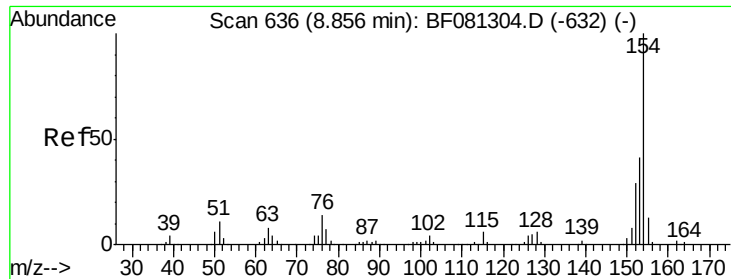
#44
 2-Fluorobiphenyl
 Concen: 71.22 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:172	Resp:	518253
Ion Ratio	Lower	Upper
172	100	
171	35.3	26.1 39.1
170	24.0	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: 41.36 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampled :

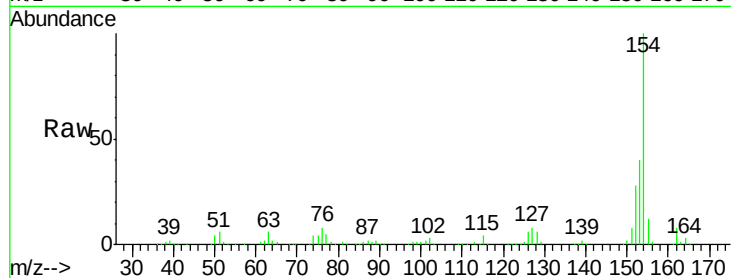
Tot Ion:154 Resp: 354822

Ion Ratio Lower Upper

154 100

153 39.8 17.1 57.1

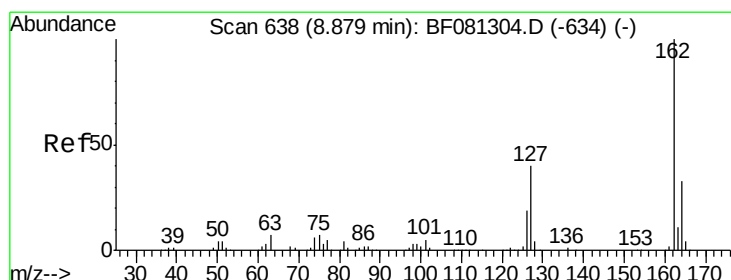
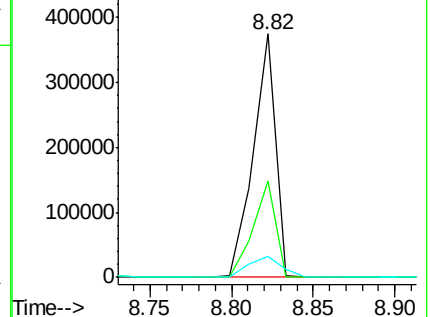
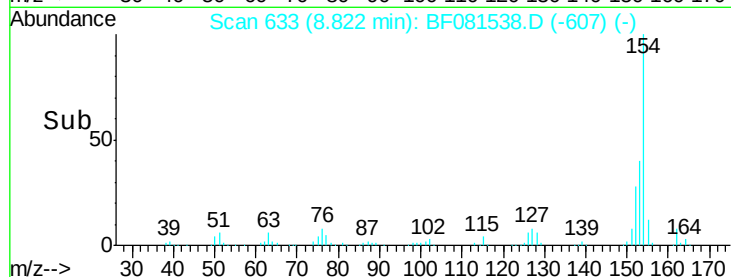
76 8.4 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.94 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

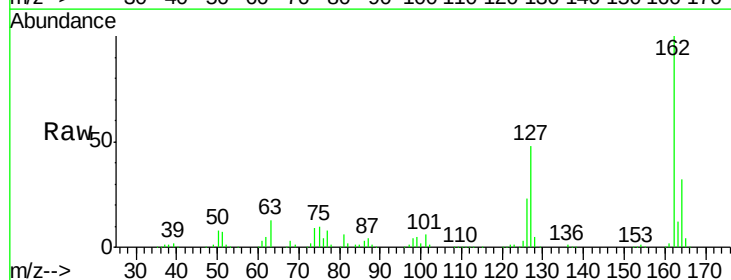
Tgt Ion:162 Resp: 235052

Ion Ratio Lower Upper

162 100

127 47.9 27.6 41.4#

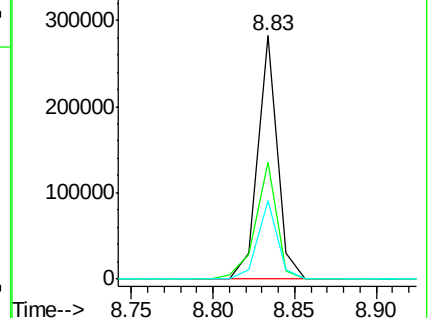
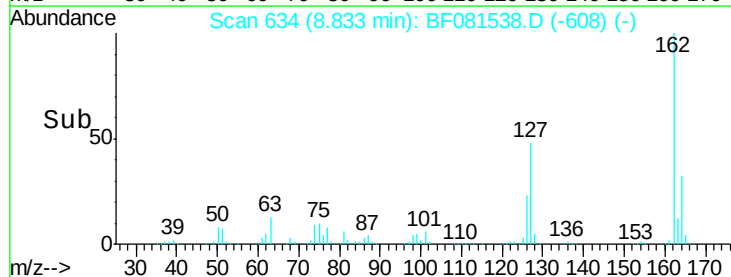
164 32.2 25.4 38.2

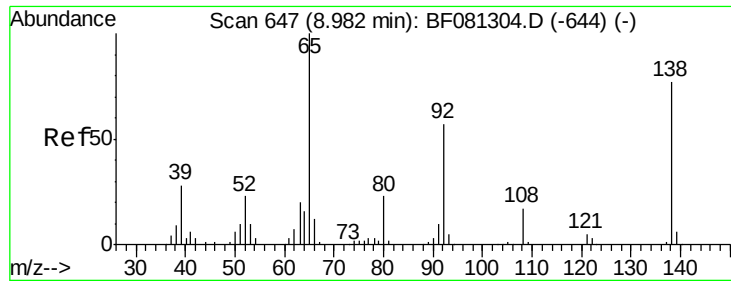


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

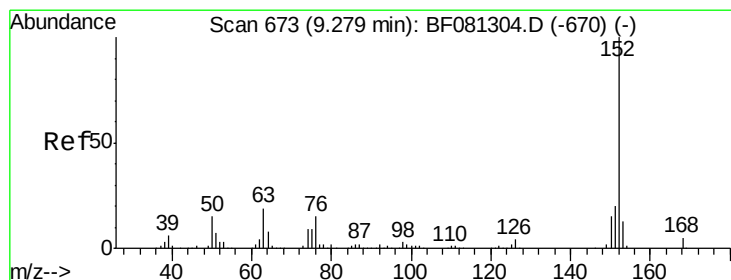
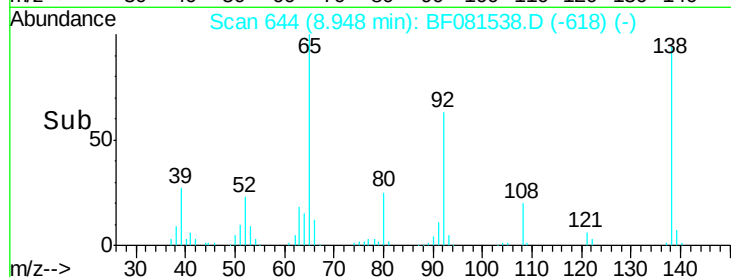
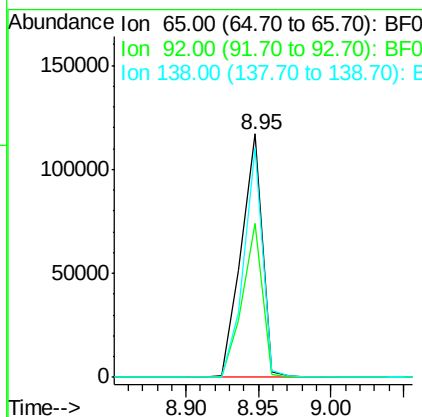
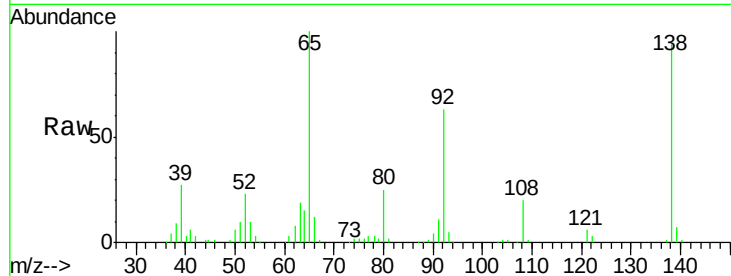




#47
 2-Nitroaniline
 Concen: 46.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

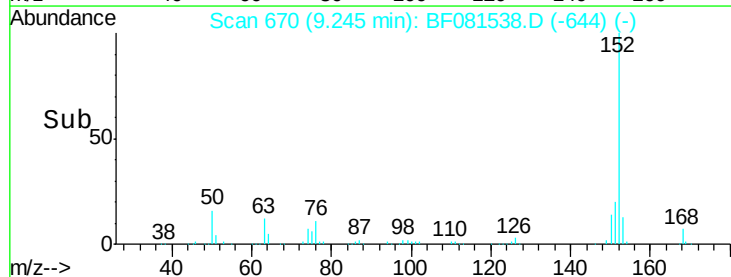
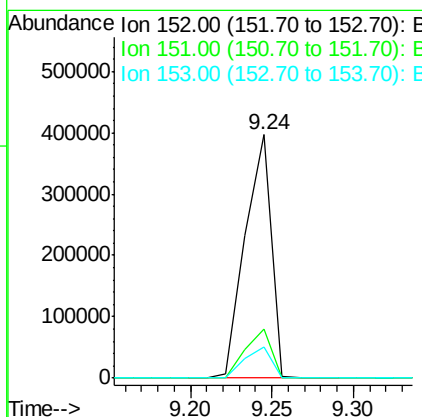
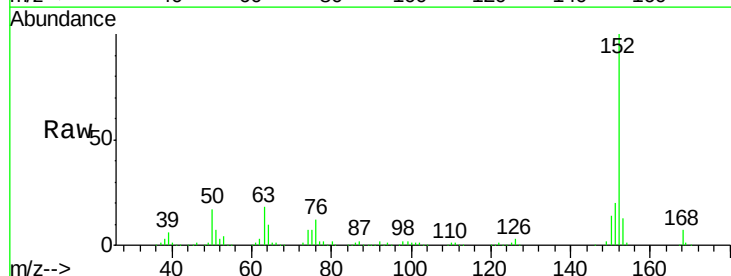
Instrument :
 BNA_F
 ClientSampleId :

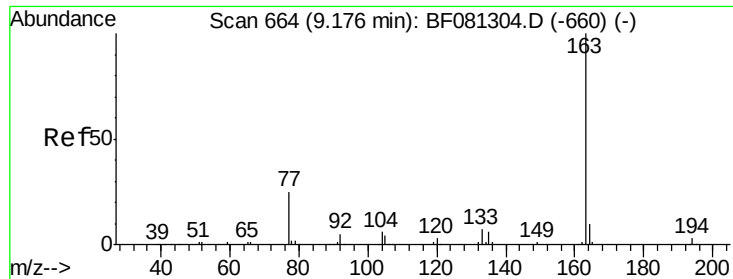
Tot Ion: 65 Resp: 118566
 Ion Ratio Lower Upper
 65 100
 92 63.3 55.4 83.0
 138 94.3 115.5 173.3#



#48
 Acenaphthylene
 Concen: 39.90 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion: 152 Resp: 438613
 Ion Ratio Lower Upper
 152 100
 151 20.1 14.6 22.0
 153 12.8 10.3 15.5

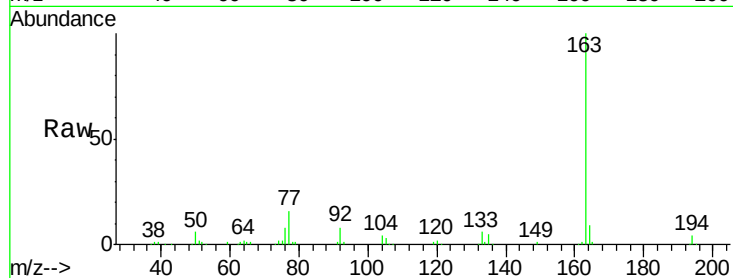




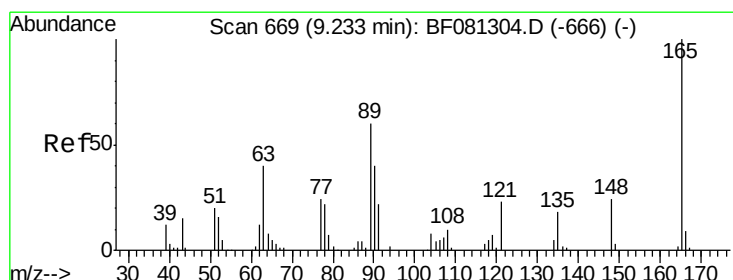
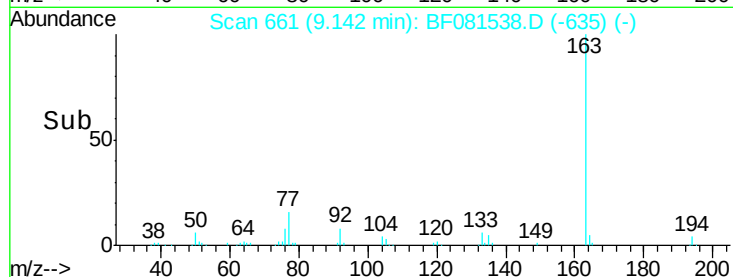
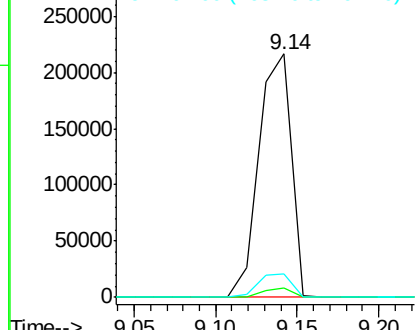
#49
Dimethylphthalate
Concen: 41.33 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 299480
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.4 8.3 12.5

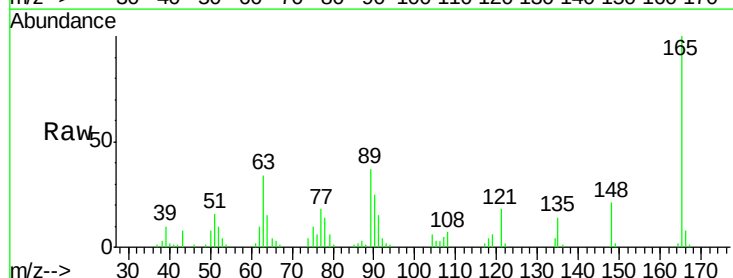


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

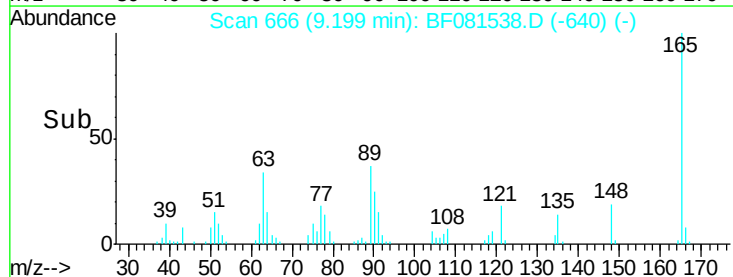
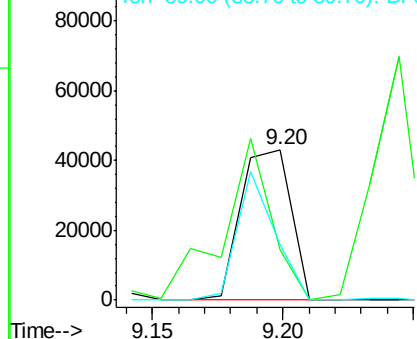


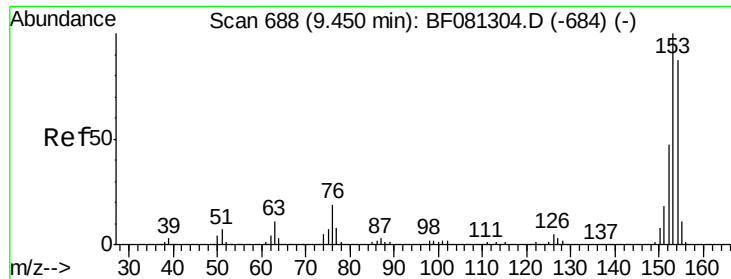
#50
2,6-Dinitrotoluene
Concen: 35.66 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:165 Resp: 58639
Ion Ratio Lower Upper
165 100
63 33.7 32.3 48.5
89 36.8 28.6 43.0



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





#51

Acenaphthene

Concen: 40.94 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

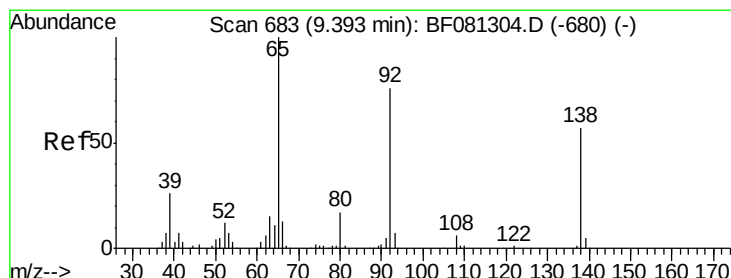
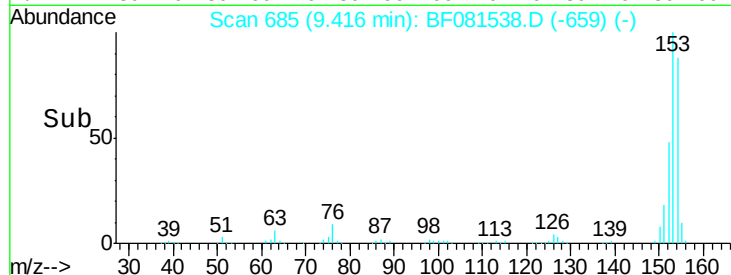
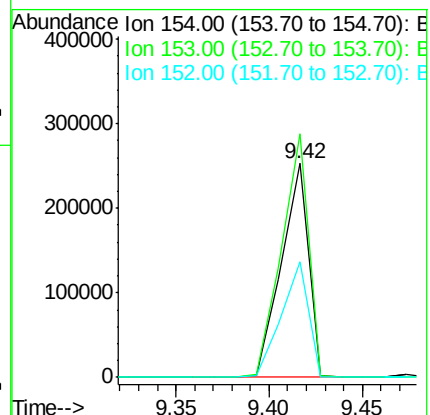
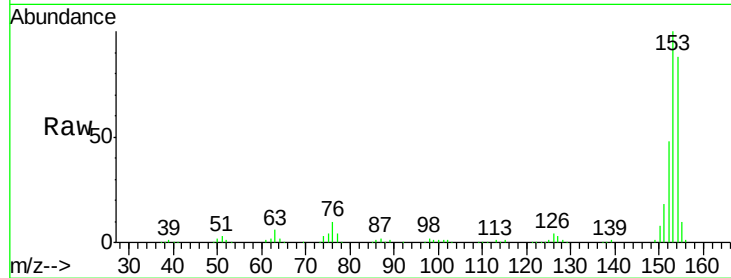
Tot Ion:154 Resp: 255985

Ion Ratio Lower Upper

154 100

153 113.7 82.1 123.1

152 54.1 37.9 56.9



#52

3-Nitroaniline

Concen: 45.35 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

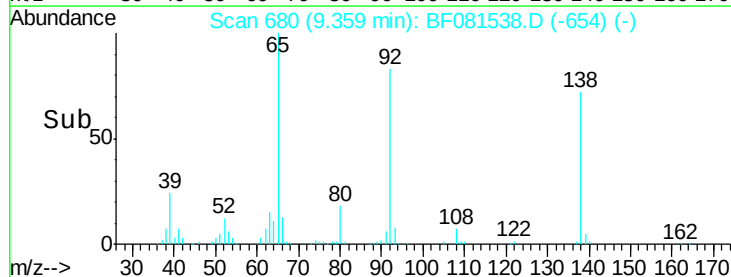
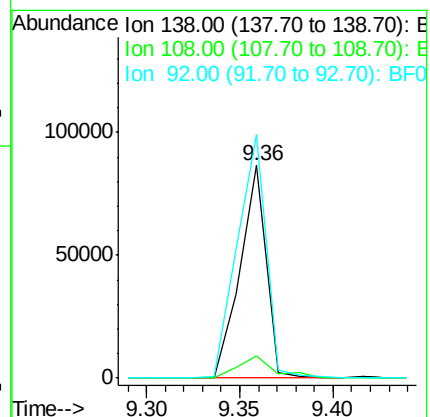
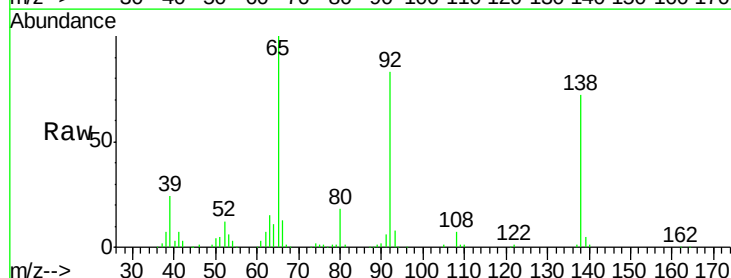
Tgt Ion:138 Resp: 84895

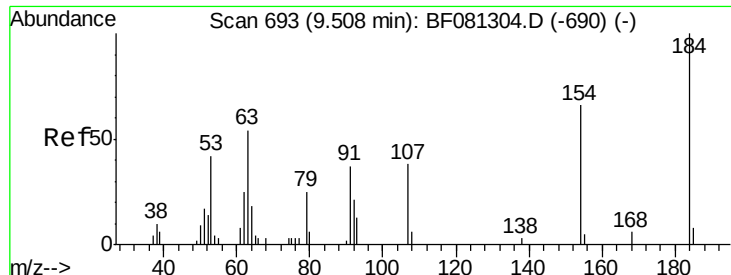
Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

92 114.7 67.7 101.5#

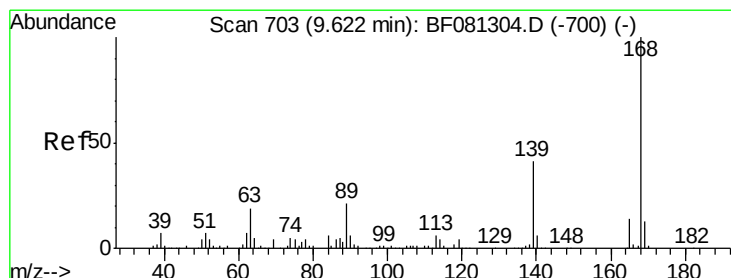
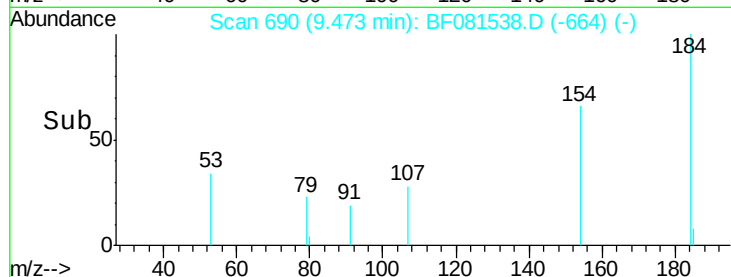
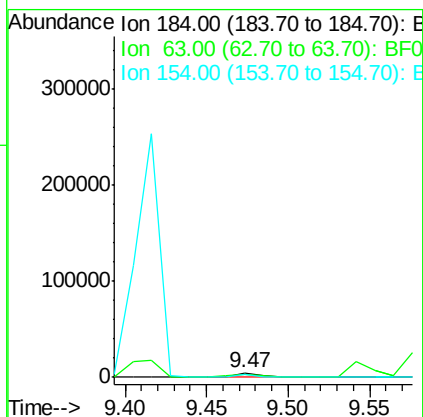
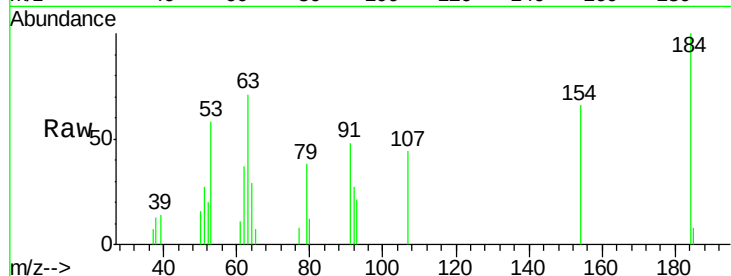




#53
 2,4-Dinitrophenol
 Concen: 7.44 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

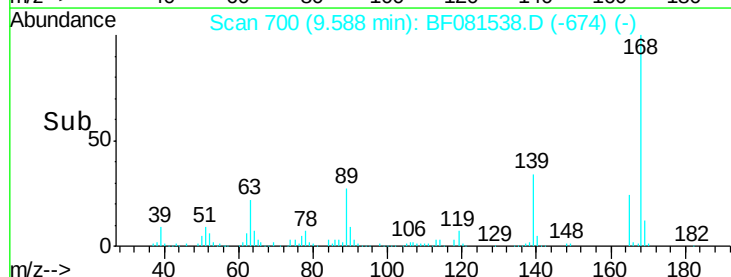
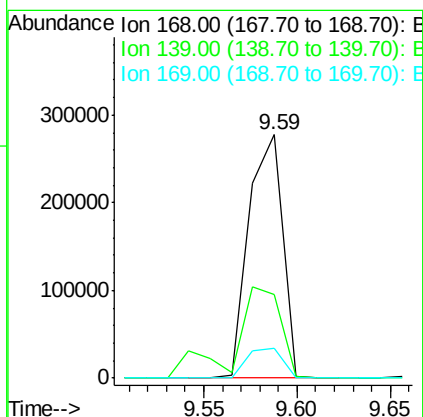
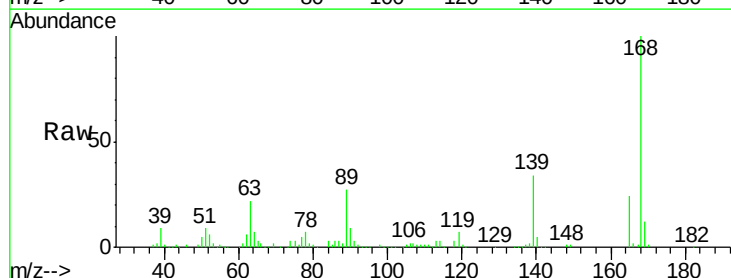
Instrument :
 BNA_F
 ClientSampleId :

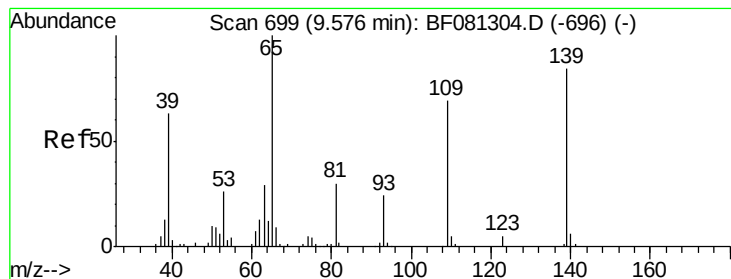
Tot Ion:184 Resp: 5156
 Ion Ratio Lower Upper
 184 100
 63 70.7 35.4 53.2#
 154 65.9 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.04 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:168 Resp: 347358
 Ion Ratio Lower Upper
 168 100
 139 34.3 24.2 36.2
 169 12.2 10.6 15.8





#55

4-Nitrophenol

Concen: 153.94 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampled :

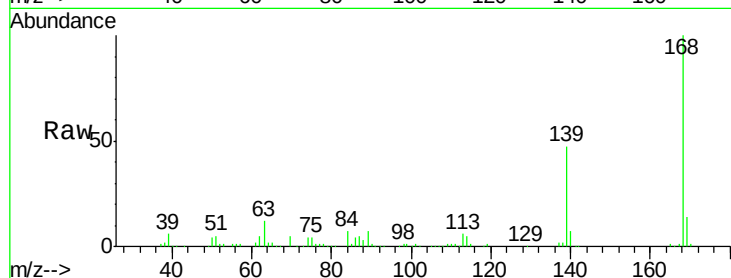
Tot Ion:139 Resp: 181055

Ion Ratio Lower Upper

139 100

109 2.9 12.7 52.7#

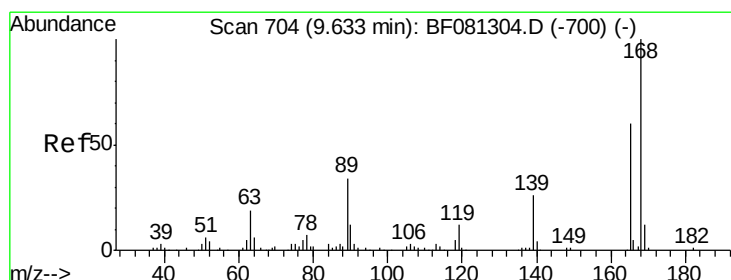
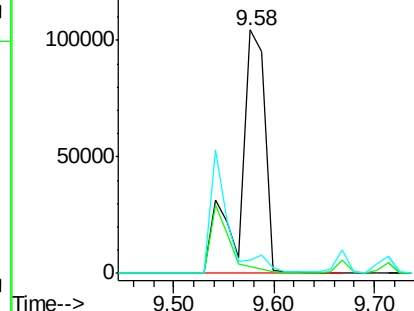
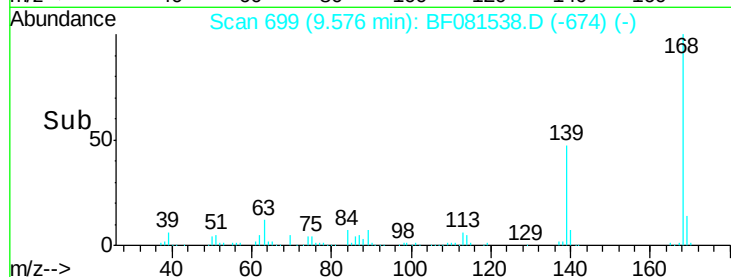
65 5.3 45.9 85.9#



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: 34.64 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Tgt Ion:165 Resp: 72543

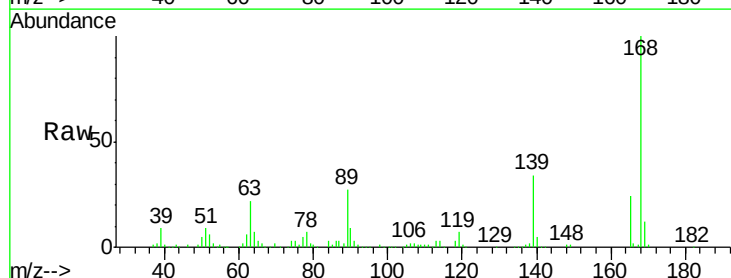
Ion Ratio Lower Upper

165 100

63 90.1 29.8 44.6#

89 112.1 44.5 66.7#

182 1.9 3.0 4.4#

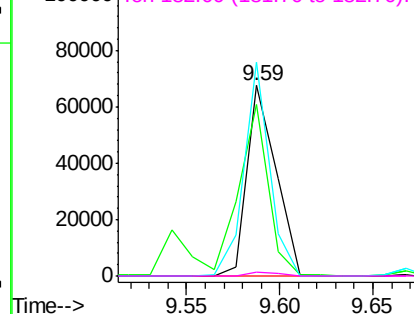
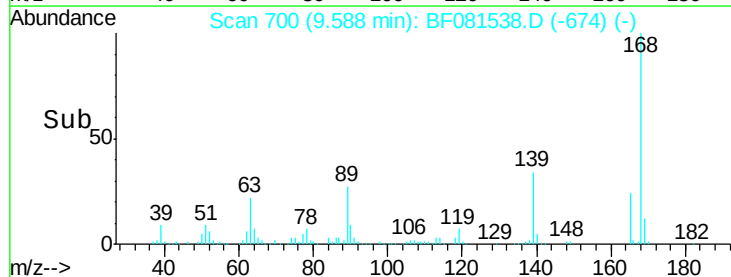


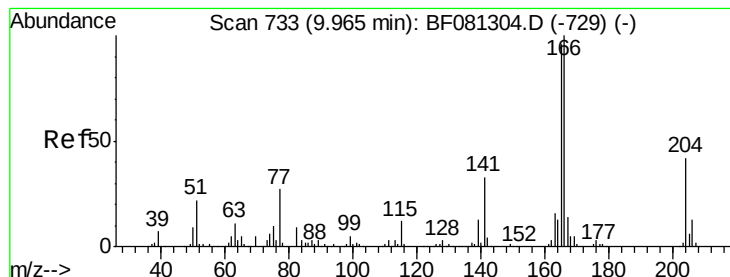
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.05 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

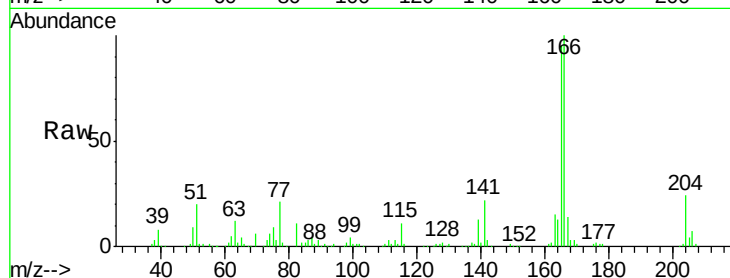
Tot Ion:166 Resp: 263619

Ion Ratio Lower Upper

166 100

165 94.9 72.6 109.0

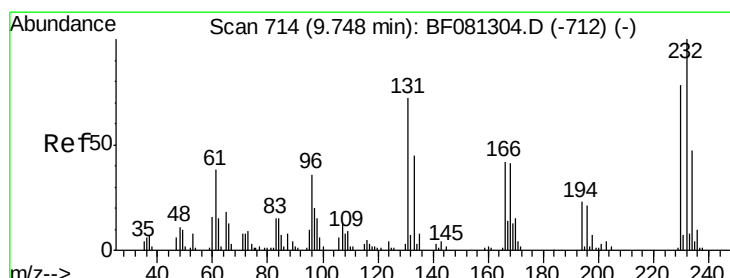
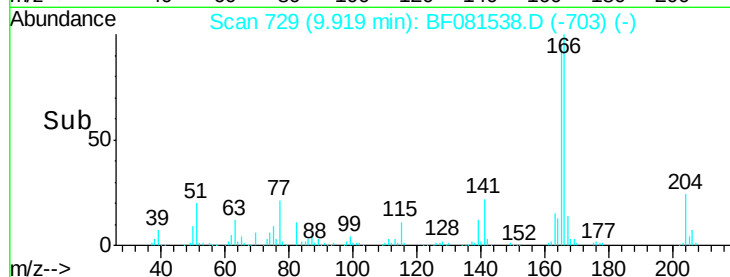
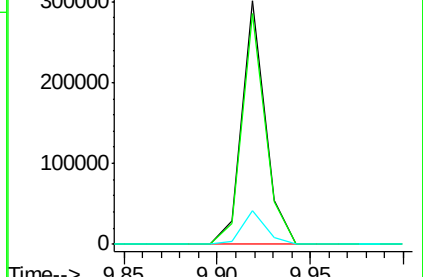
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.08 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Tgt Ion:232 Resp: 61960

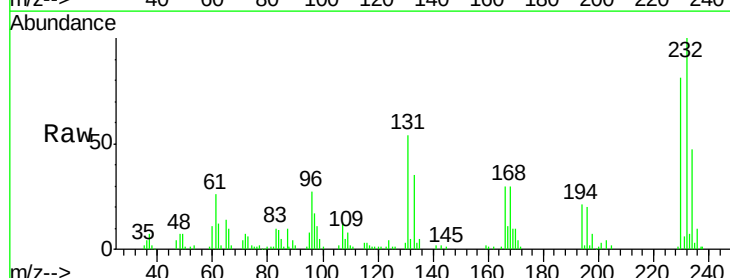
Ion Ratio Lower Upper

232 100

131 51.1 38.5 57.7

130 2.5 1.8 2.6

166 27.9 25.0 37.6

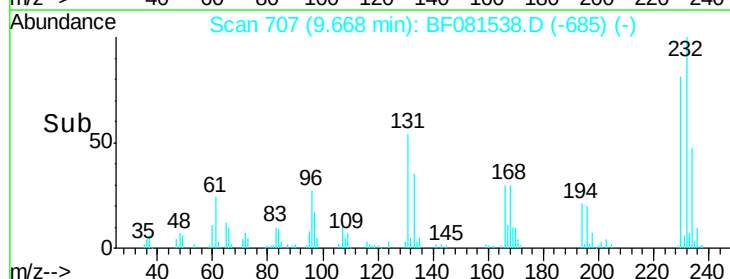
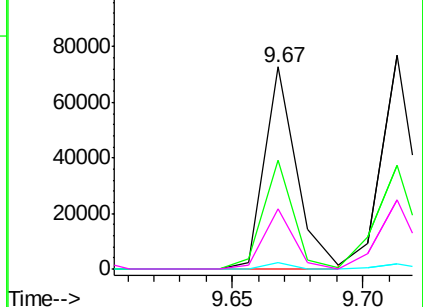


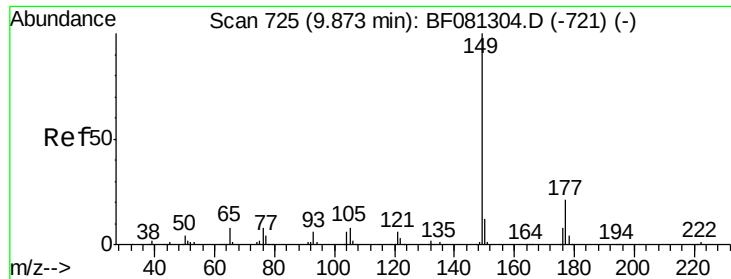
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

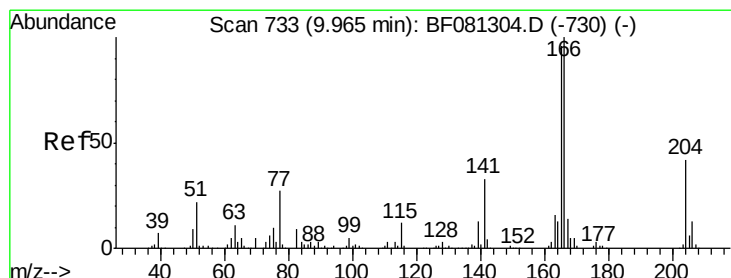
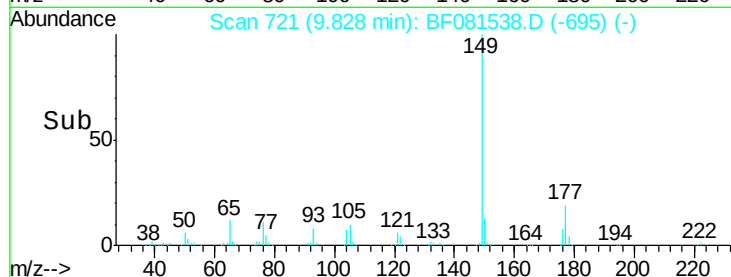
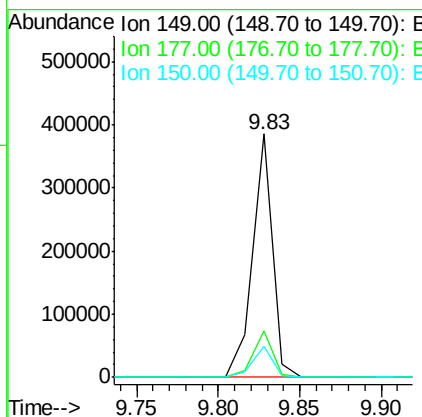
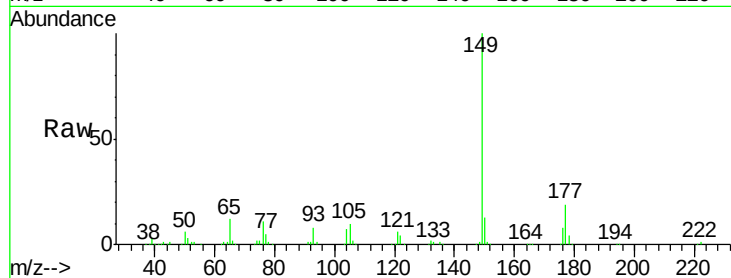




#59
Diethylphthalate
Concen: 42.72 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

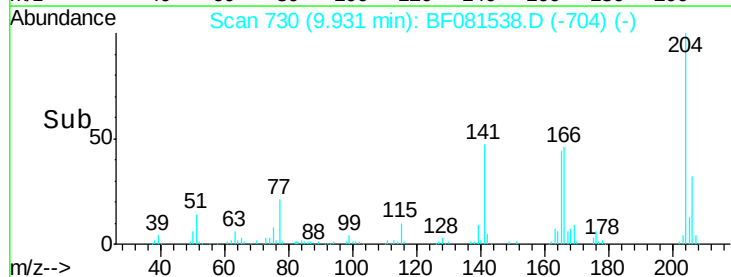
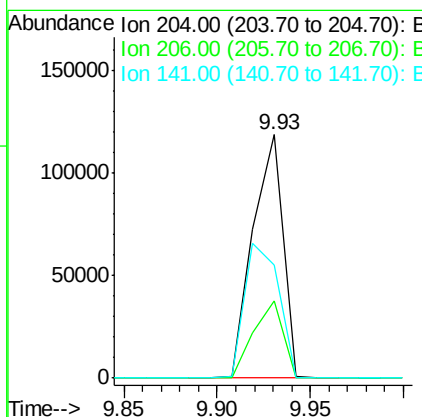
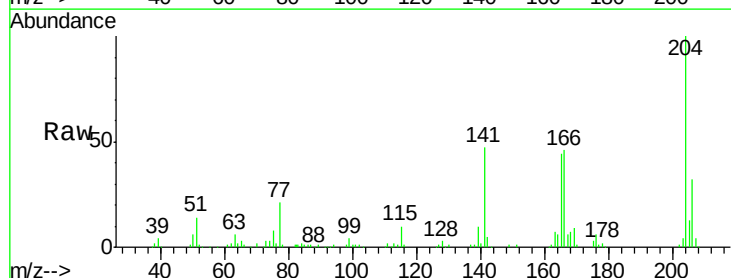
Instrument :
BNA_F
ClientSampled :

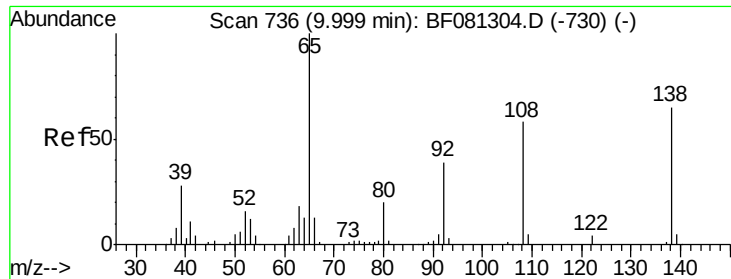
Tot Ion:149 Resp: 325600
Ion Ratio Lower Upper
149 100
177 19.2 17.5 26.3
150 12.6 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:204 Resp: 132573
Ion Ratio Lower Upper
204 100
206 31.5 24.8 37.2
141 46.6 42.2 63.4





#61

4-Nitroaniline

Concen: 42.76 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

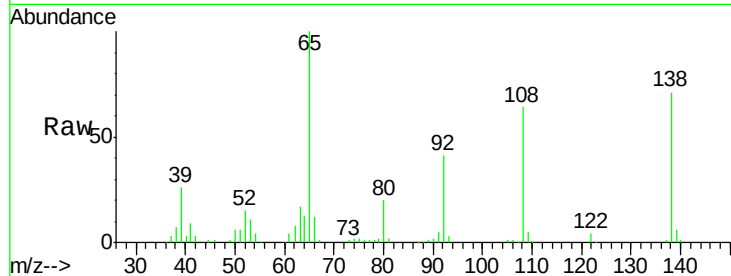
Tot Ion:138 Resp: 80878

Ion Ratio Lower Upper

138 100

92 57.7 12.6 52.6#

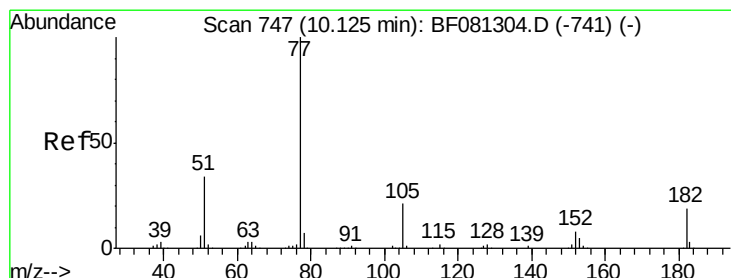
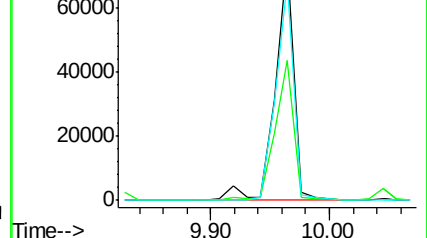
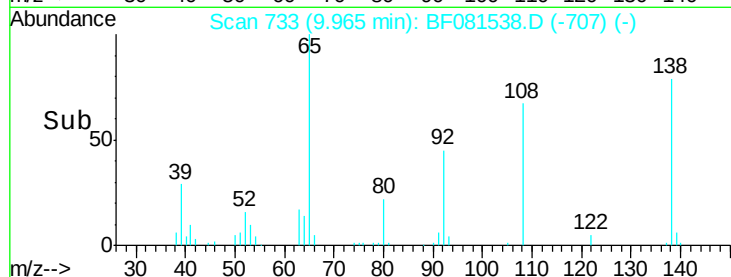
108 89.3 12.4 52.4#



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: 37.67 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Tgt Ion: 77 Resp: 319164

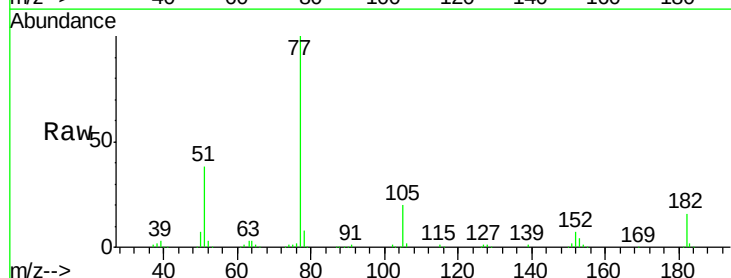
Ion Ratio Lower Upper

77 100

182 16.3 15.1 55.1

105 20.3 3.4 43.4

51 38.3 12.0 52.0

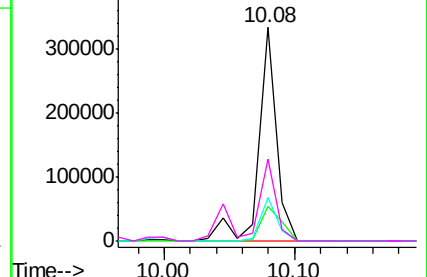
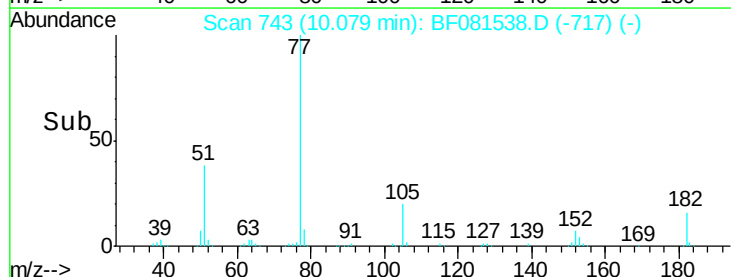


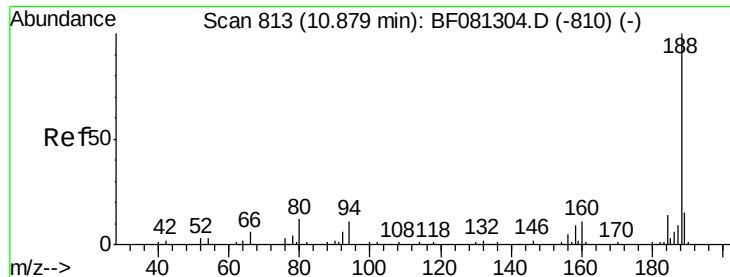
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

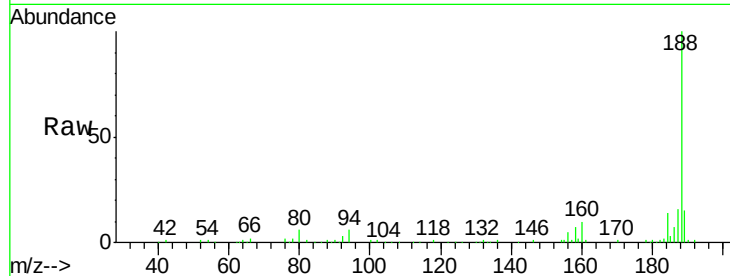




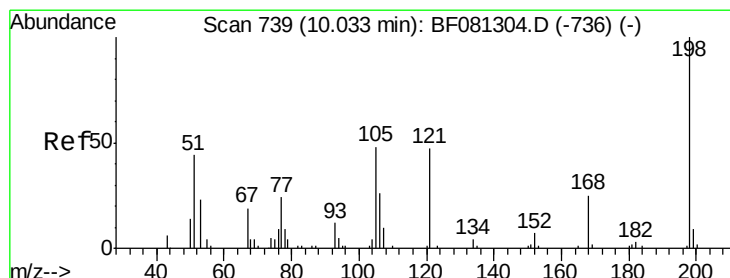
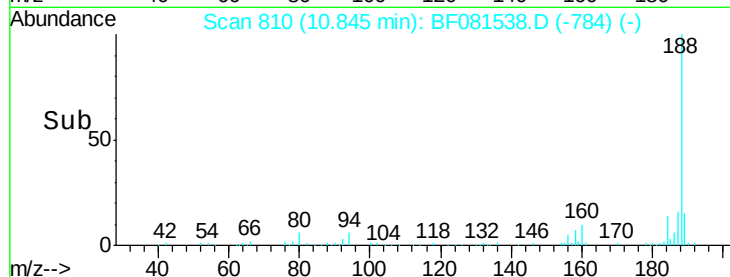
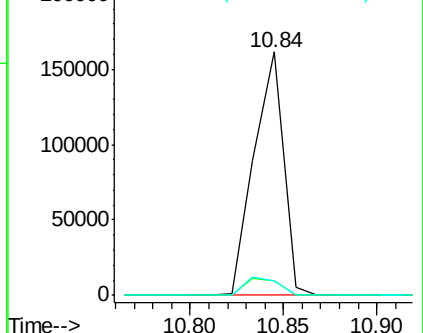
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 176565
Ion Ratio Lower Upper
188 100
94 6.1 11.1 16.7#
80 6.0 11.0 16.4#

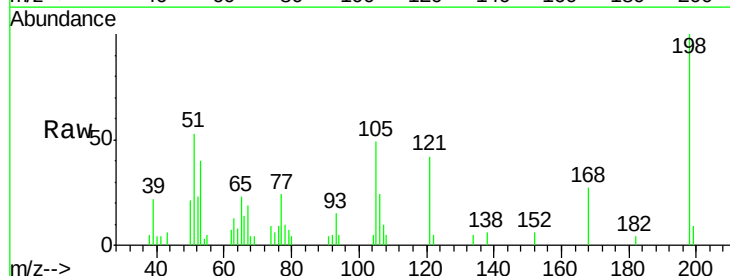


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

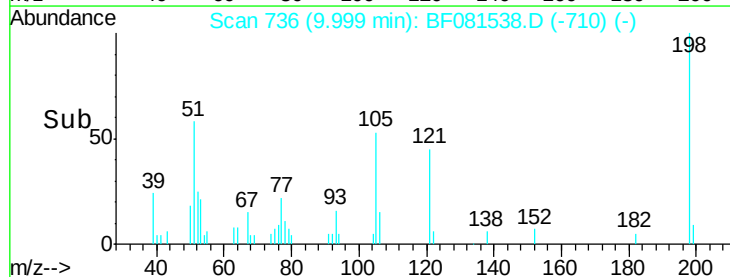
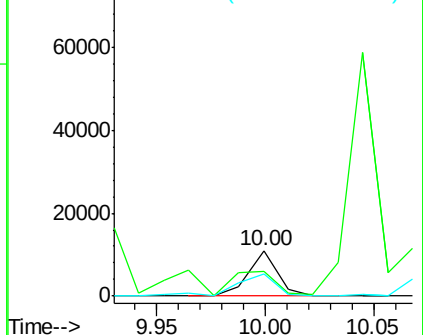


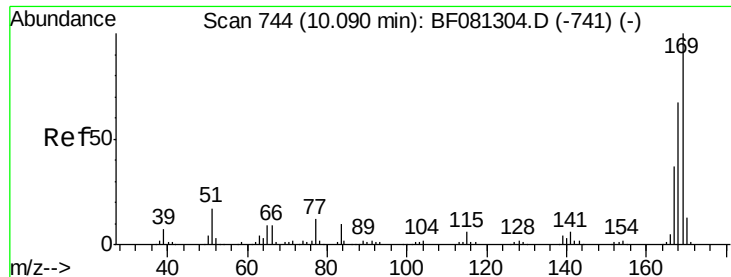
#64
4,6-Dinitro-2-methylphenol
Concen: 10.14 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:198 Resp: 10018
Ion Ratio Lower Upper
198 100
51 53.4 39.6 79.6
105 48.7 28.5 68.5



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

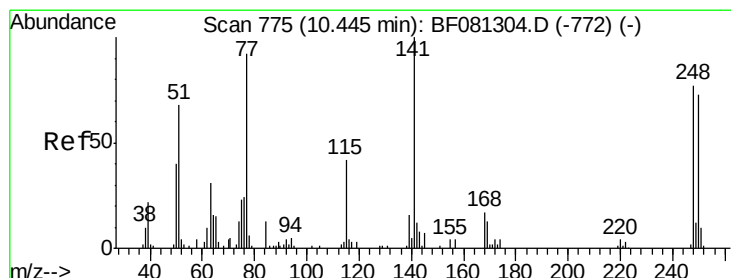
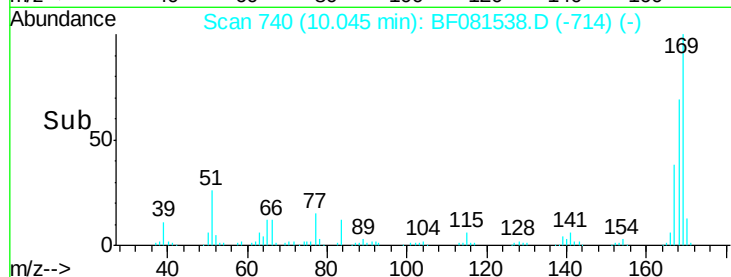
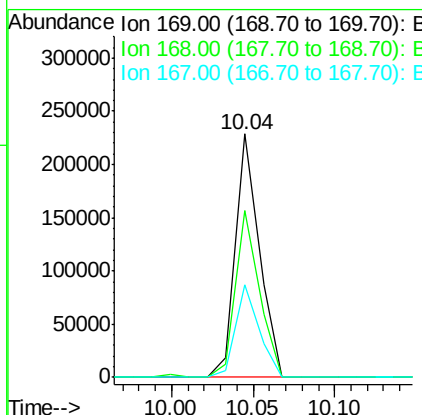
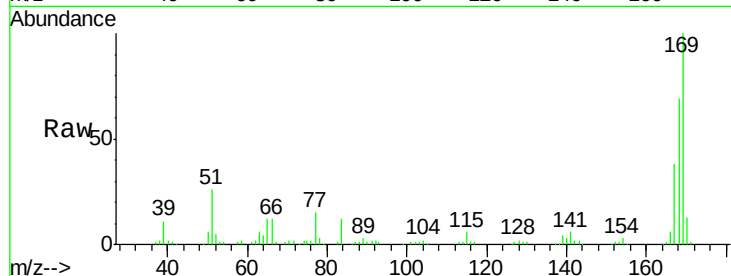




#65
 n-Nitrosodiphenylamine
 Concen: 35.75 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

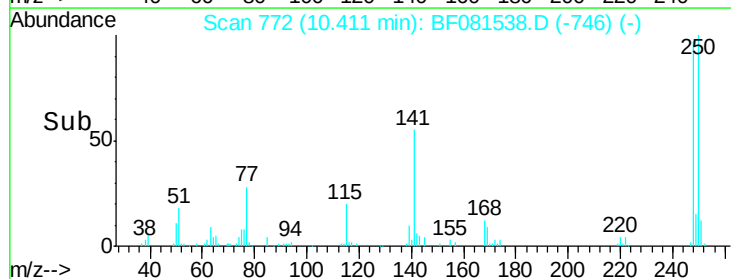
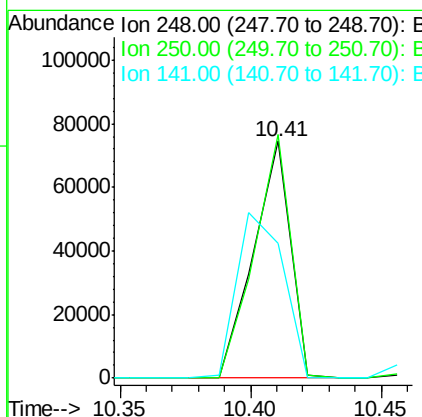
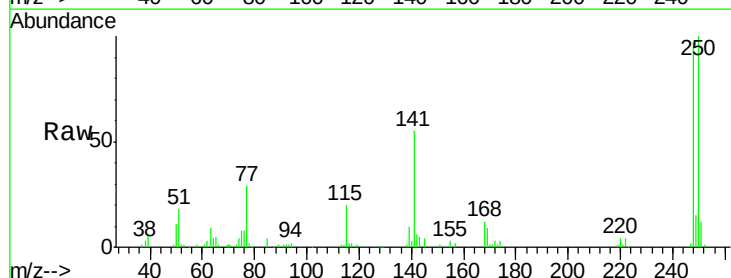
Instrument :
 BNA_F
 ClientSampled :

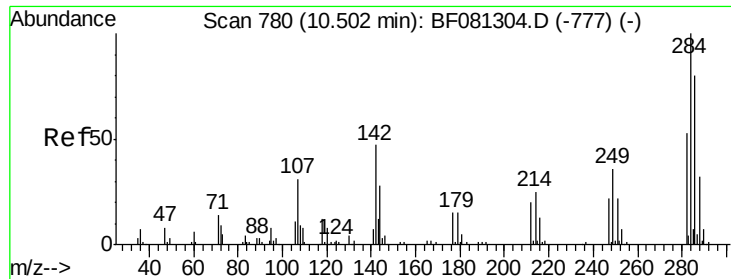
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	48.9	73.3
167	37.8	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.55 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.9	78.5	117.7
141	57.1	59.0	88.6

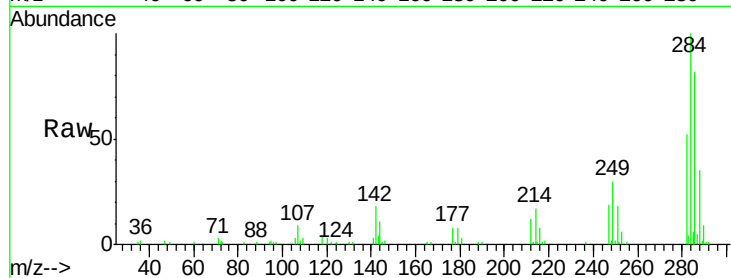




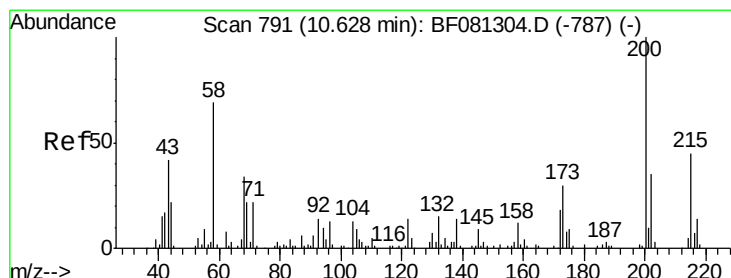
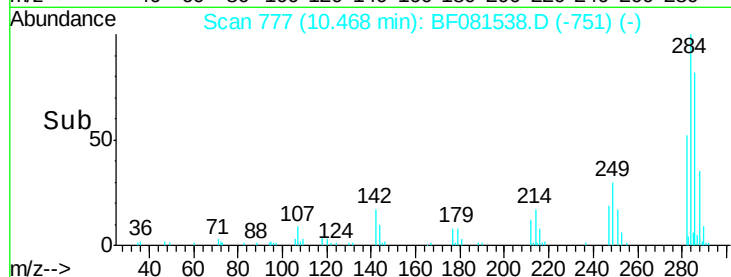
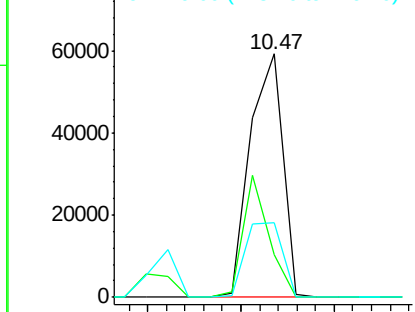
#67
Hexachlorobenzene
Concen: 38.32 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 71537
Ion Ratio Lower Upper
284 100
142 17.7 29.5 44.3#
249 30.5 19.5 29.3#

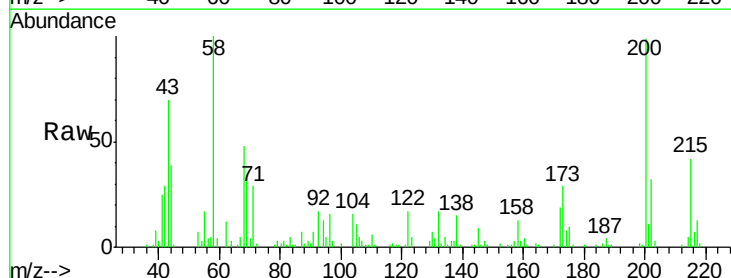


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

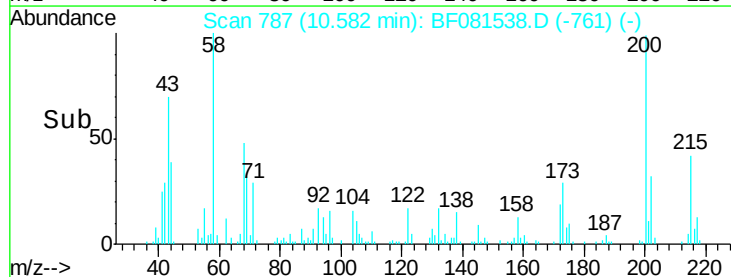
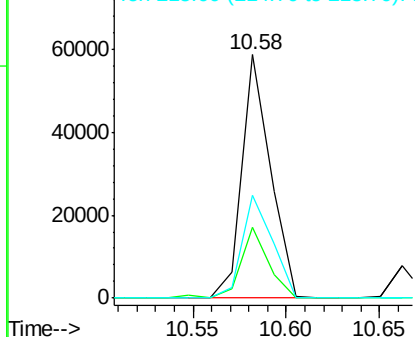


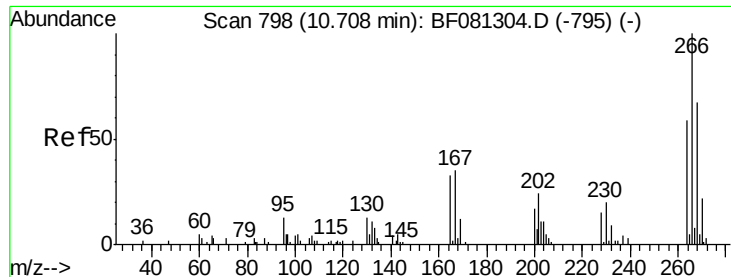
#68
Atrazine
Concen: 33.65 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:200 Resp: 62567
Ion Ratio Lower Upper
200 100
173 28.9 13.2 53.2
215 42.2 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

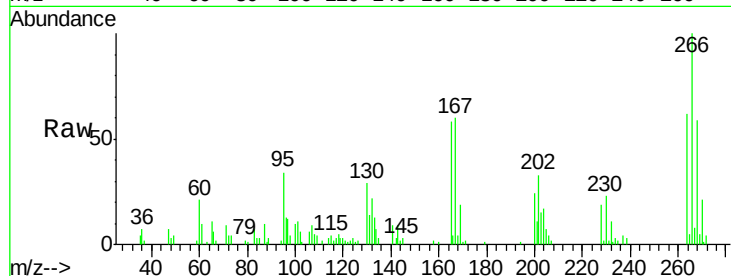




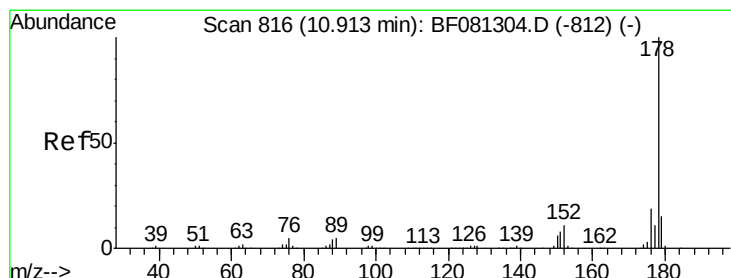
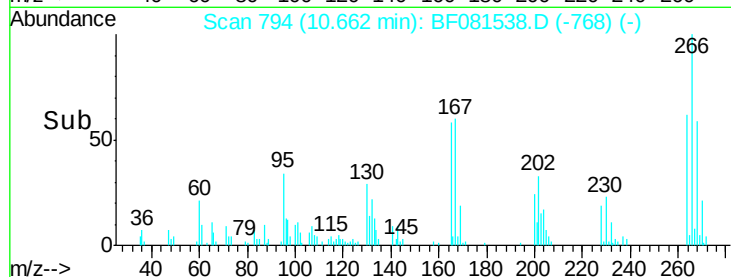
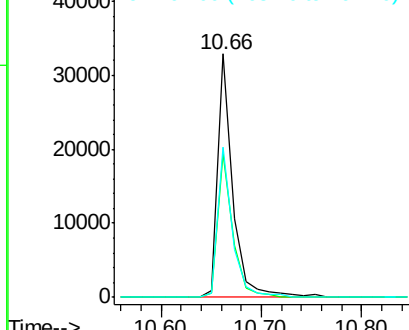
#69
 Pentachlorophenol
 Concen: 42.44 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 34381
 Ion Ratio Lower Upper
 266 100
 268 59.1 49.8 74.6
 264 61.6 50.2 75.2

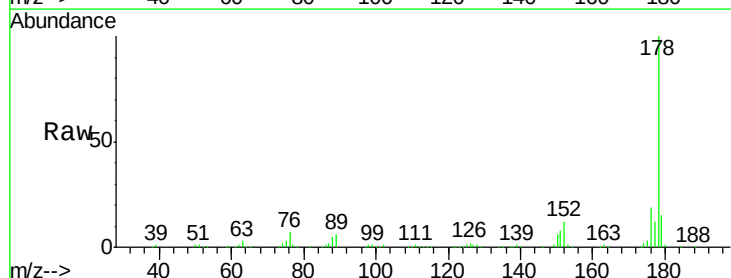


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

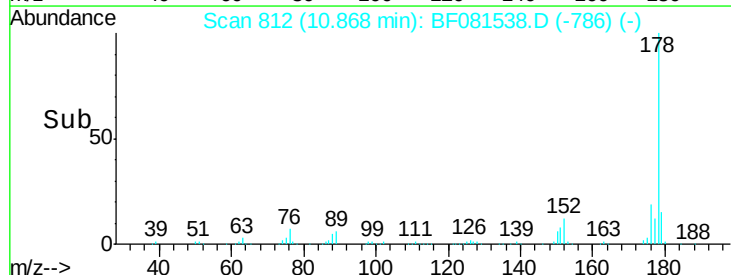
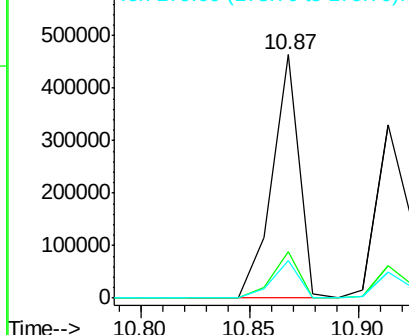


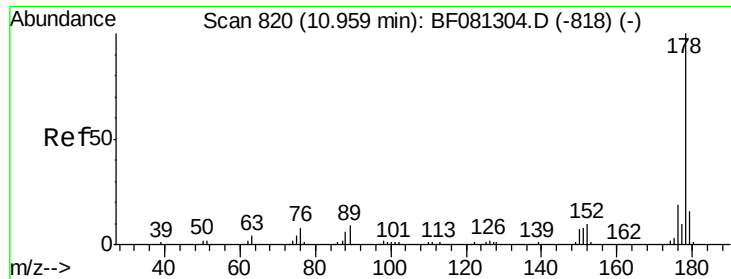
#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:178 Resp: 405543
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 15.5 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

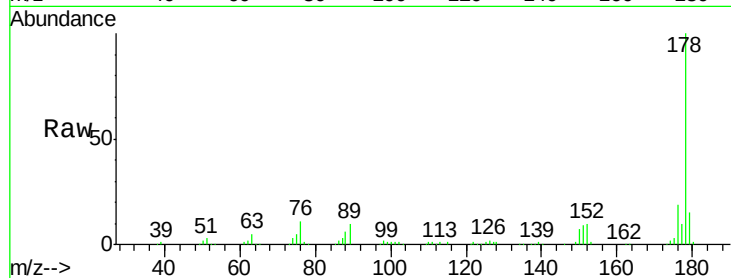




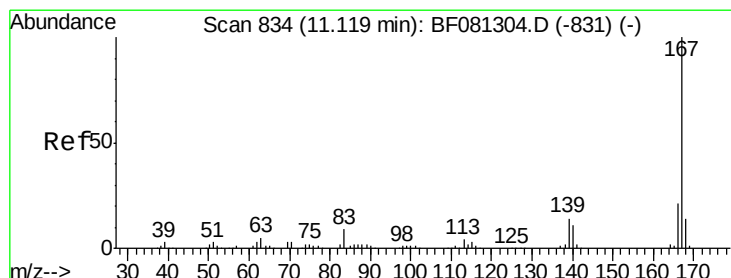
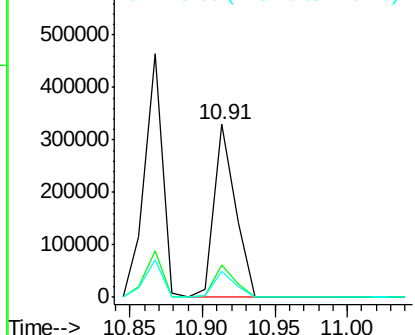
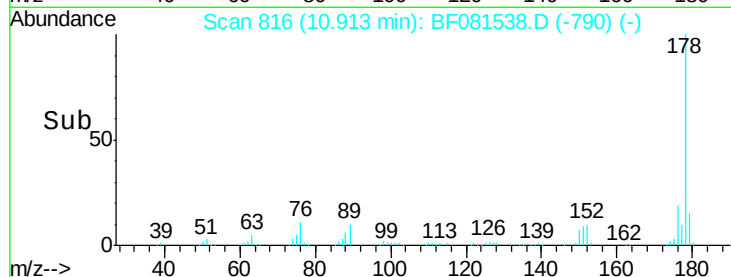
#71
 Anthracene
 Concen: 33.43 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 337110
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.3 12.2 18.2

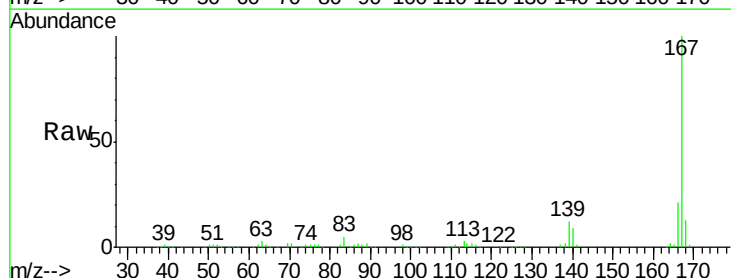


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

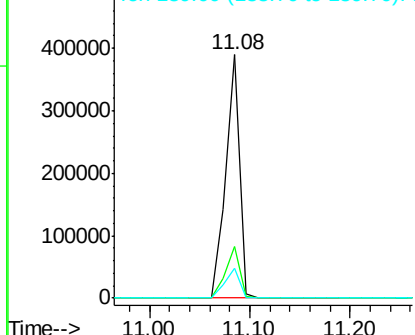
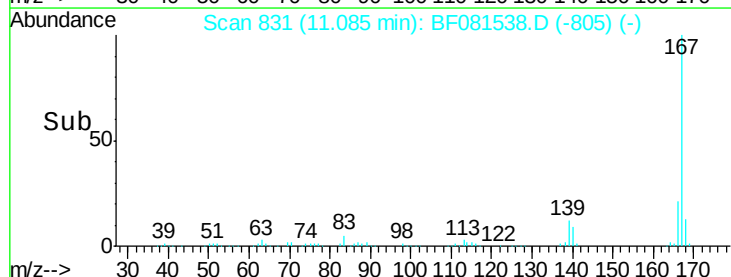


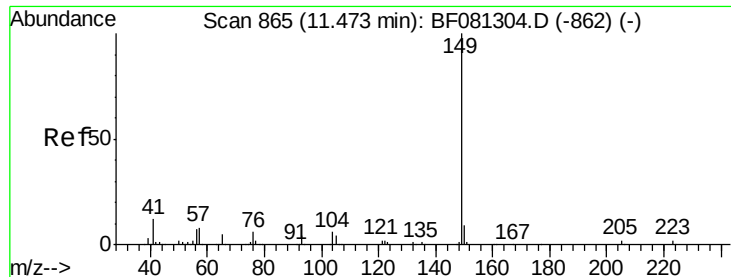
#72
 Carbazole
 Concen: 39.45 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:167 Resp: 373319
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 12.4 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.04 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

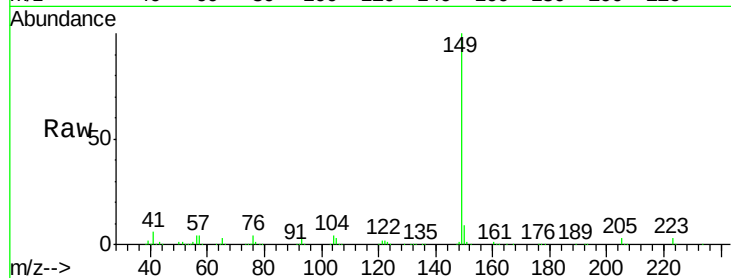
Tot Ion:149 Resp: 514543

Ion Ratio Lower Upper

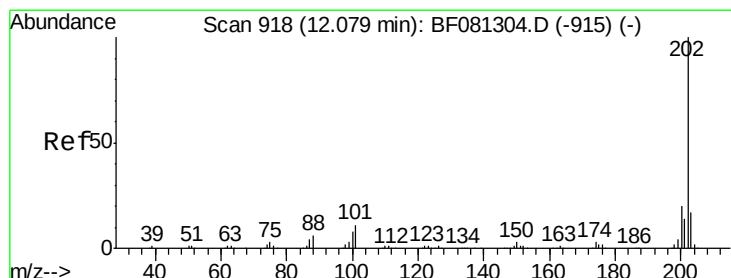
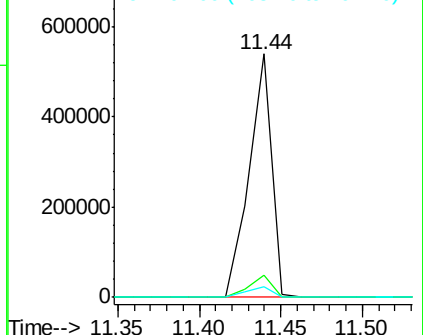
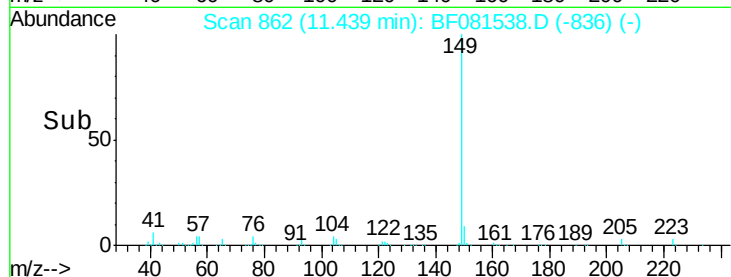
149 100

150 8.9 7.4 11.2

104 4.4 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: 31.53 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

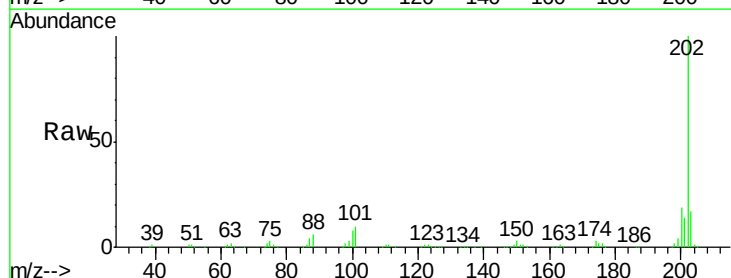
Tgt Ion:202 Resp: 335002

Ion Ratio Lower Upper

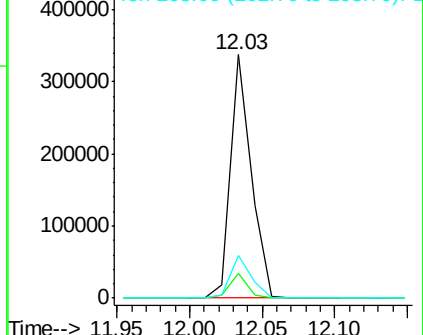
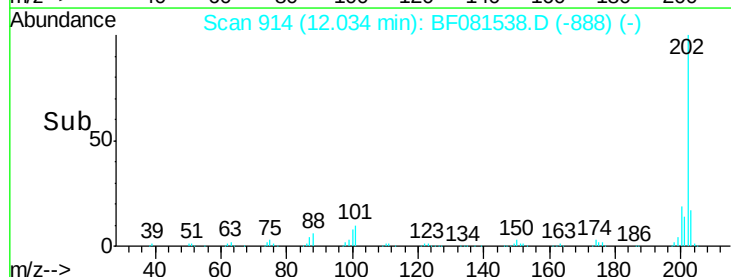
202 100

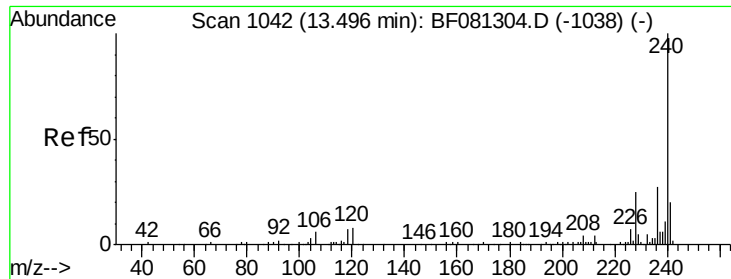
101 10.4 0.0 38.3

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: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

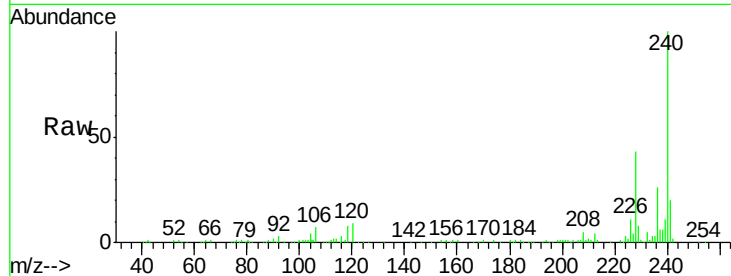
Tot Ion:240 Resp: 120159

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

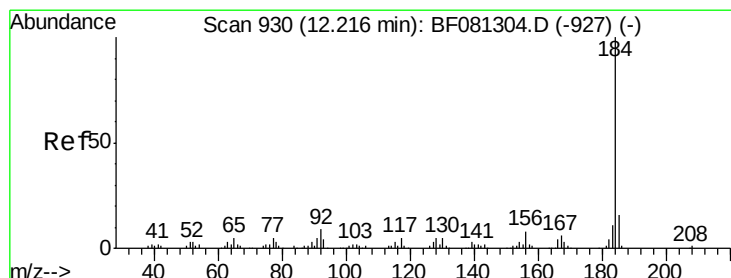
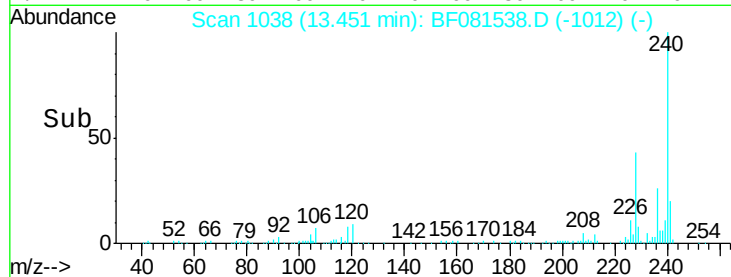
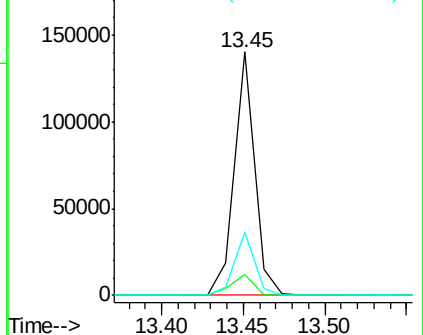
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.06 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

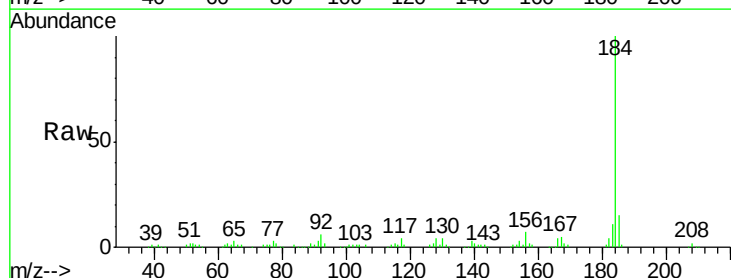
Tgt Ion:184 Resp: 175704

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

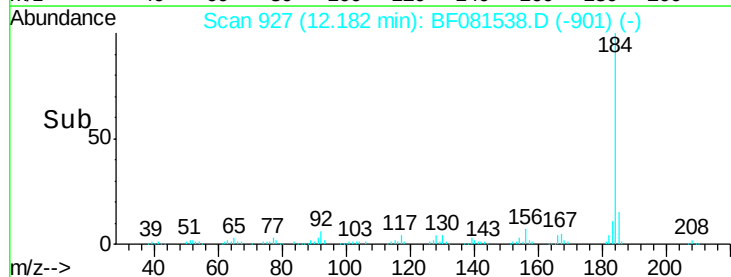
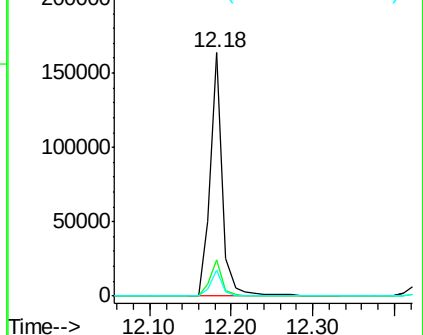
183 10.6 7.6 11.4

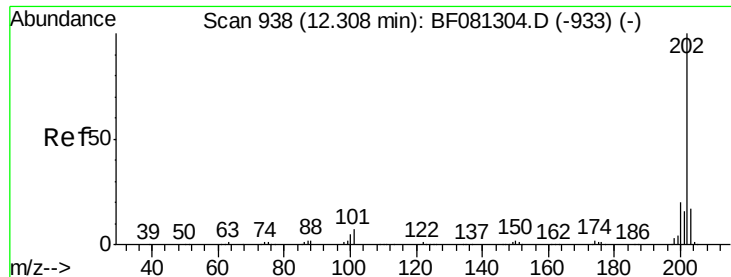


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

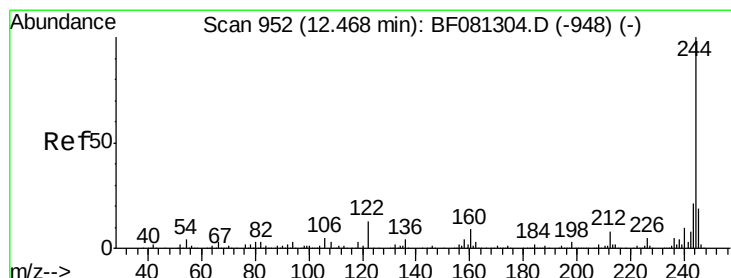
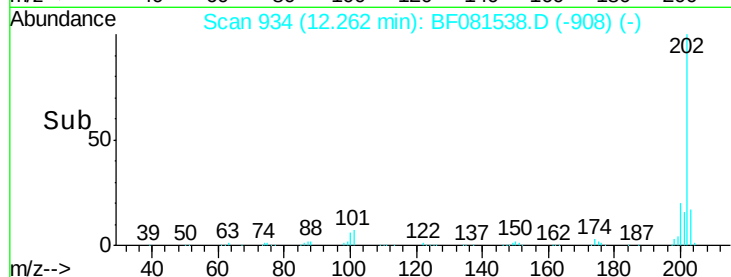
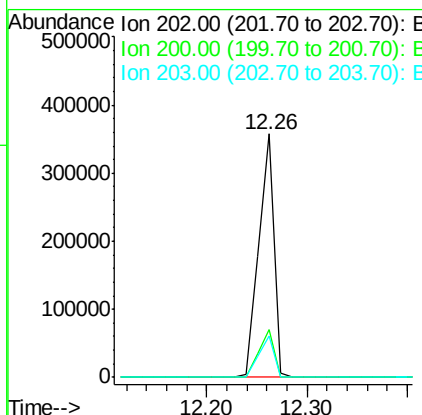
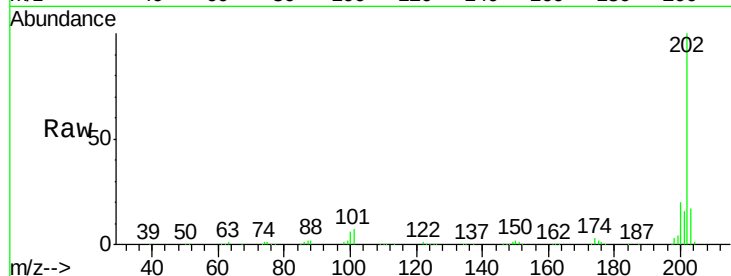




#77
Pvrene
Concen: 42.11 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

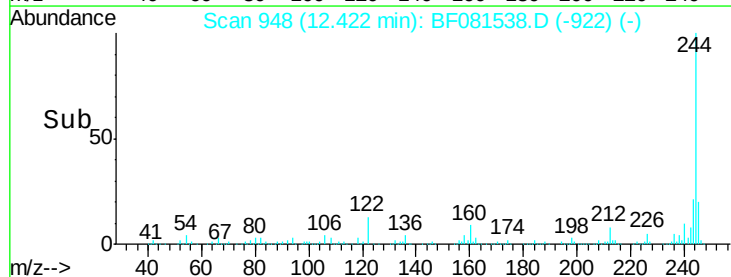
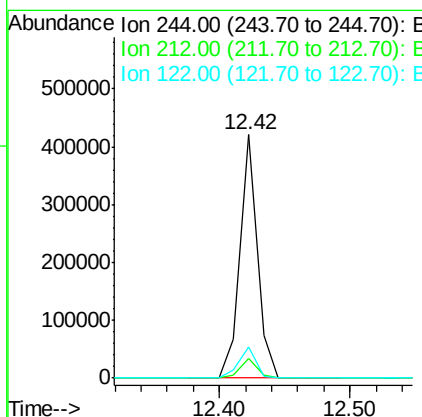
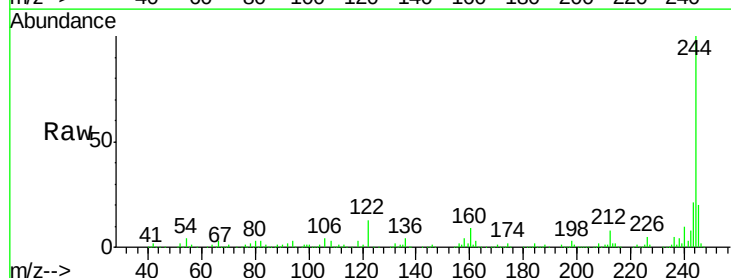
Instrument :
BNA_F
ClientSampleId :

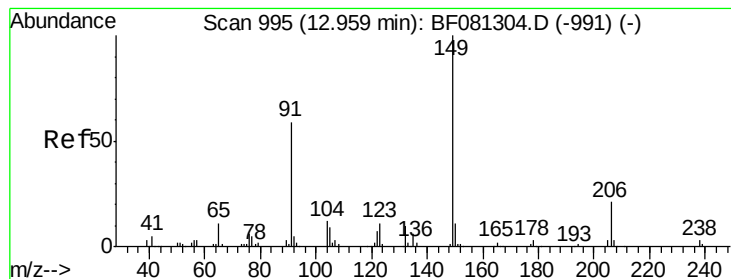
Tot Ion:202 Resp: 374839
Ion Ratio Lower Upper
202 100
200 19.5 15.0 22.4
203 17.1 14.1 21.1



#78
Terphenyl-d14
Concen: 74.99 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:244 Resp: 387077
Ion Ratio Lower Upper
244 100
212 8.0 4.3 6.5#
122 12.7 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 44.62 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

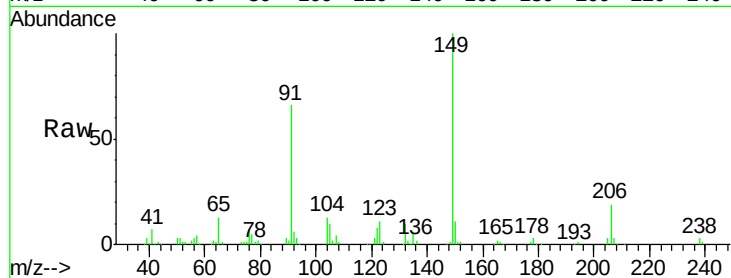
Tot Ion:149 Resp: 172734

Ion Ratio Lower Upper

149 100

91 65.7 48.6 72.8

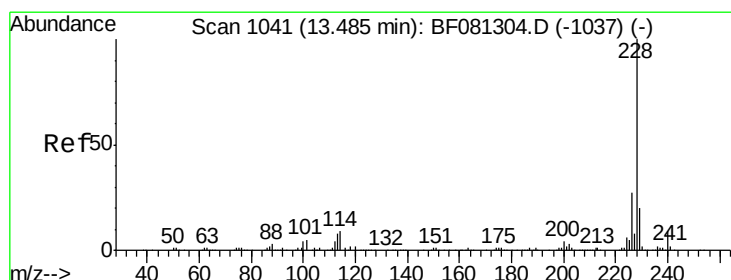
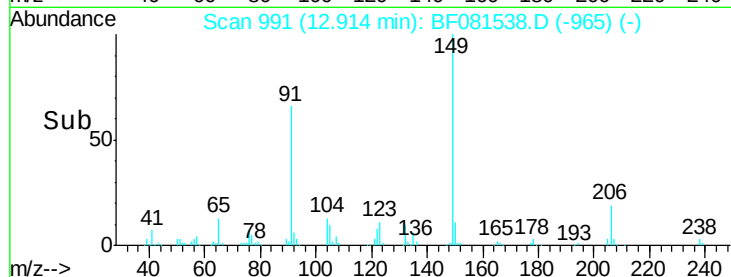
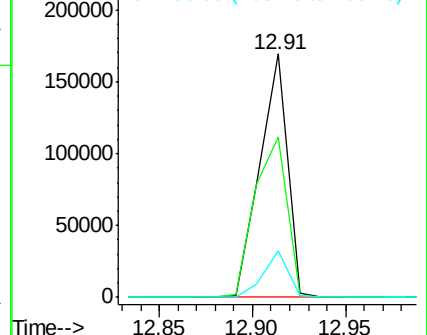
206 19.1 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.98 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081538.D

Acq: 8 Sep 2015 23:28

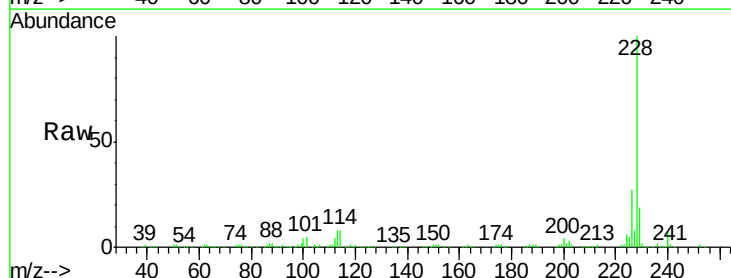
Tgt Ion:228 Resp: 290649

Ion Ratio Lower Upper

228 100

226 27.5 20.0 30.0

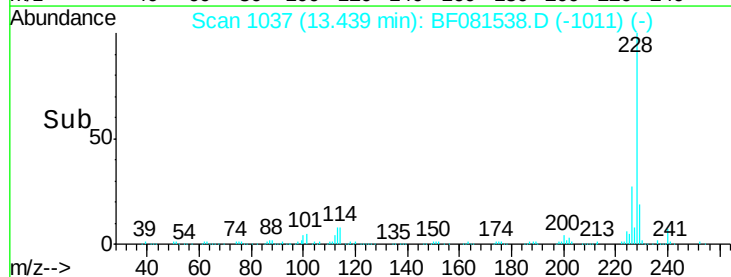
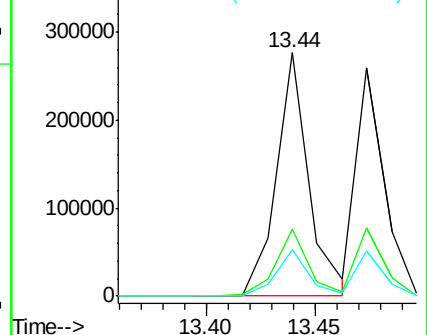
229 19.1 15.4 23.2

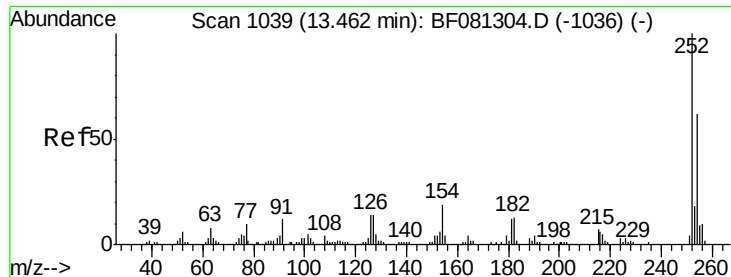


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

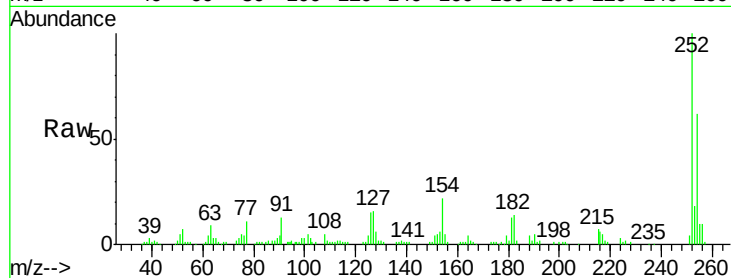




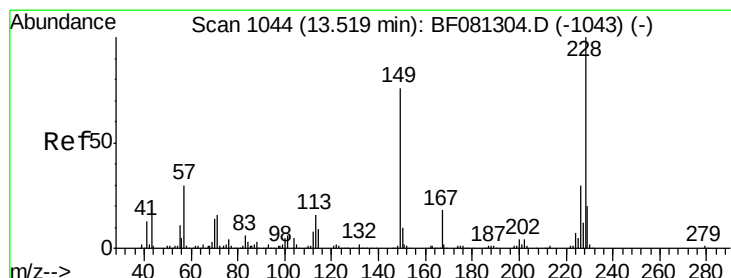
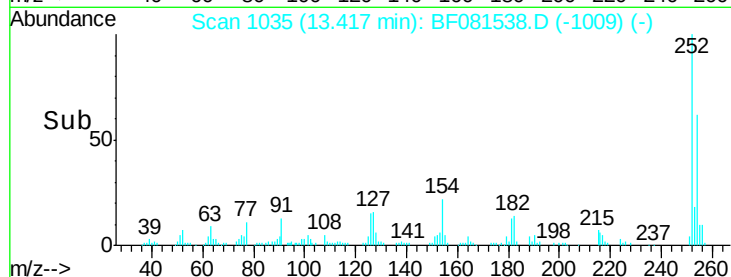
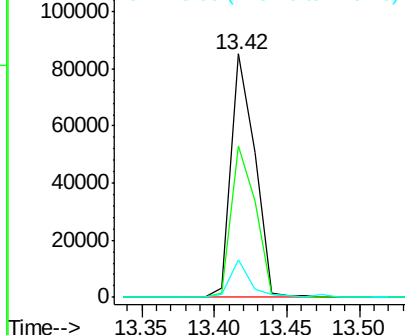
#81
 3,3'-Dichlorobenzidine
 Concen: 37.62 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 97108
 Ion Ratio Lower Upper
 252 100
 254 62.0 51.4 77.2
 126 15.2 16.4 24.6#

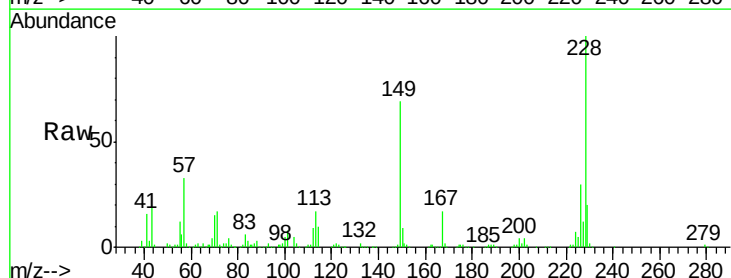


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

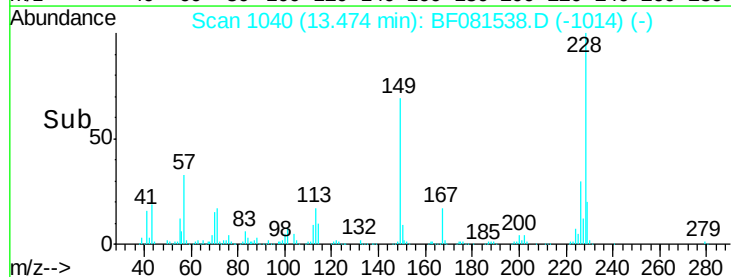
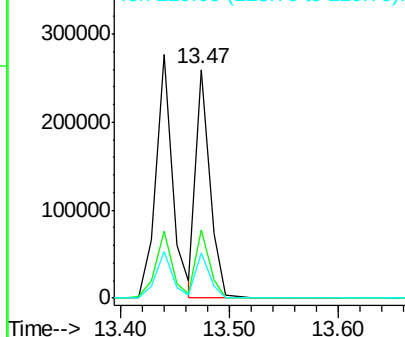


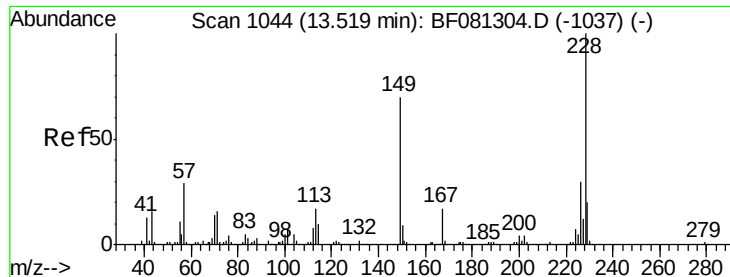
#82
 Chrysene
 Concen: 33.96 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:228 Resp: 232981
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.0 31.4
 229 20.0 15.6 23.4



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

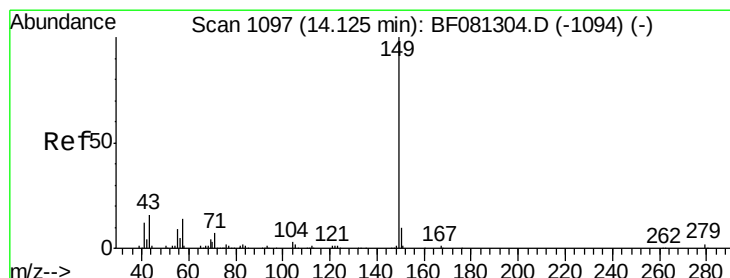
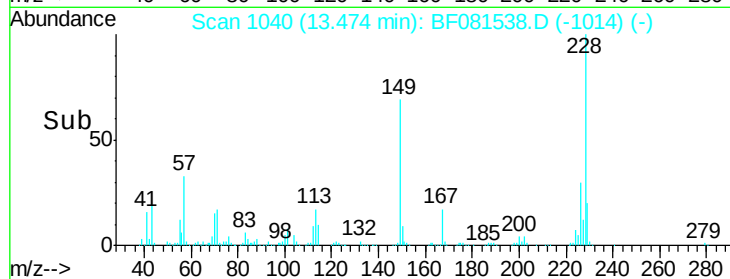
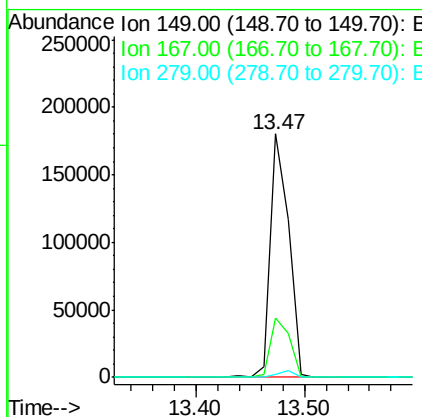
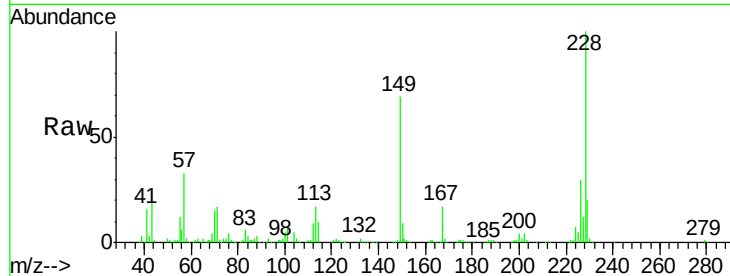




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.66 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

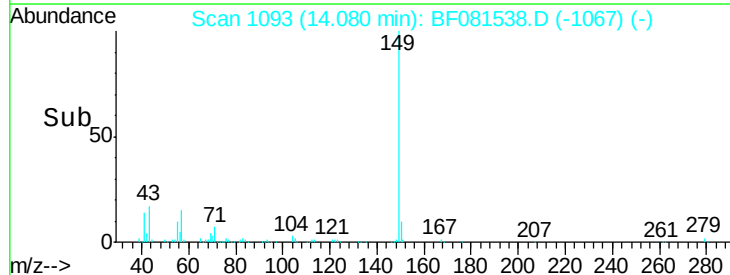
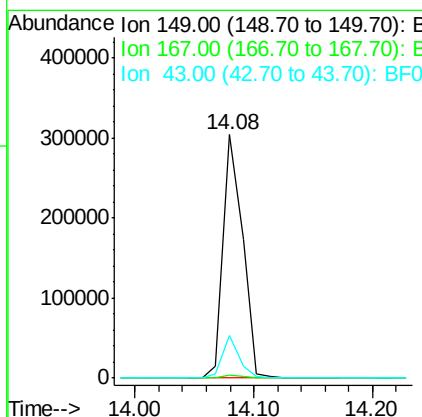
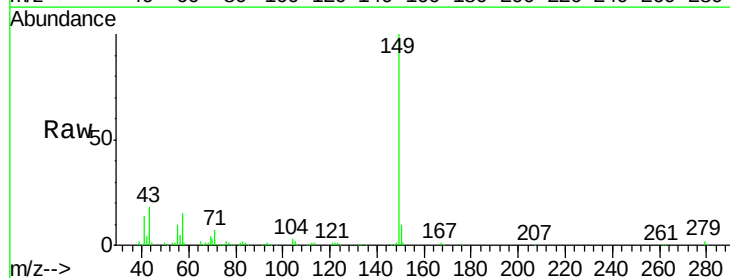
Instrument :
 BNA_F
 ClientSampled :

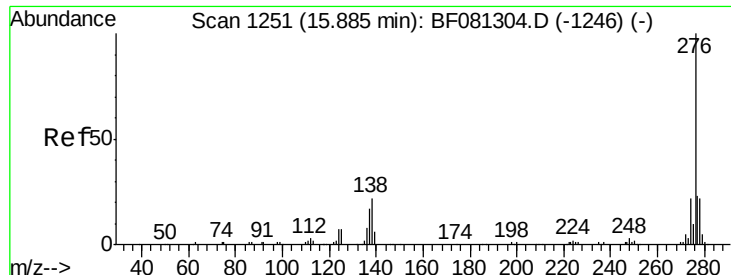
Tot Ion:149 Resp: 212839
 Ion Ratio Lower Upper
 149 100
 167 24.1 24.2 36.2#
 279 1.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 40.76 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Tgt Ion:149 Resp: 342886
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.0 1.6
 43 15.0 10.2 15.2

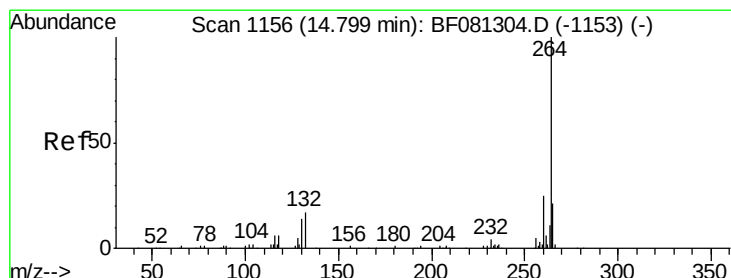
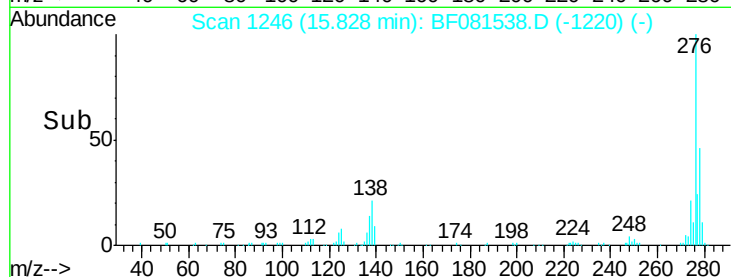
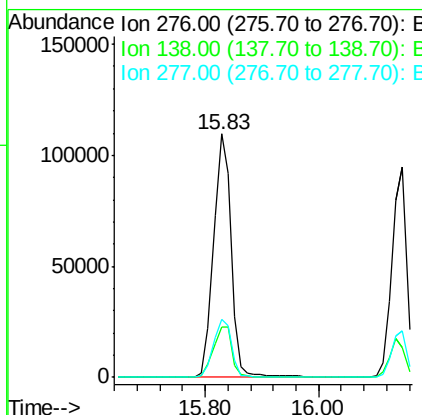
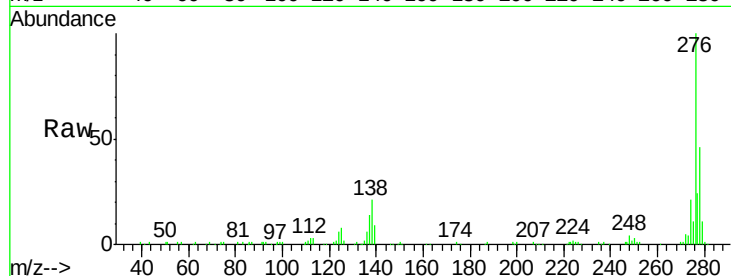




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.50 ng
RT: 15.83 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

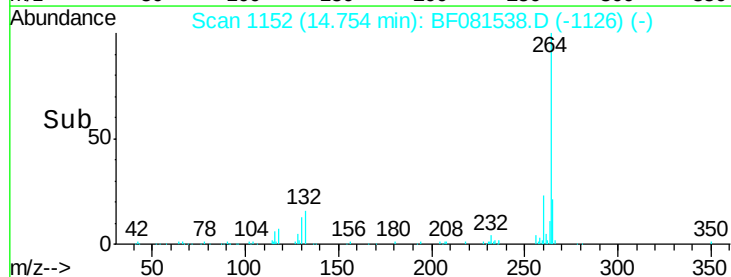
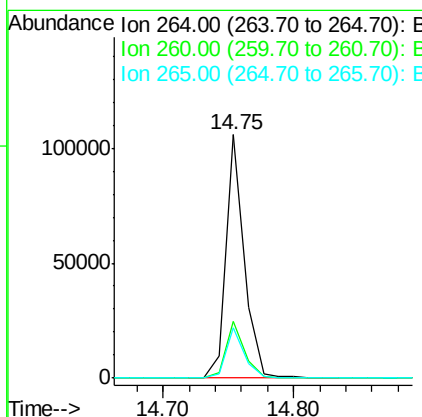
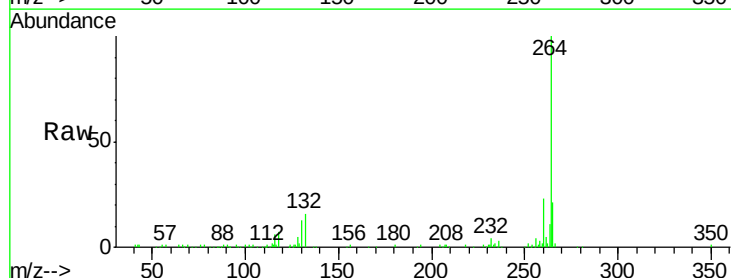
Instrument :
BNA_F
ClientSampled :

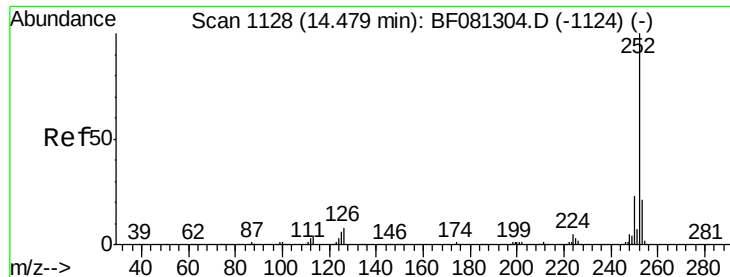
Tot Ion:276 Resp: 234012
Ion Ratio Lower Upper
276 100
138 22.3 25.7 38.5#
277 24.5 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:264 Resp: 103081
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 20.9 17.2 25.8

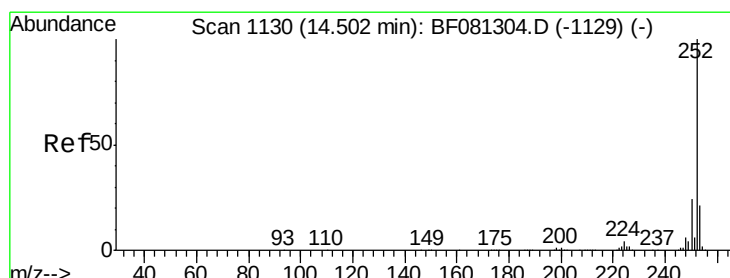
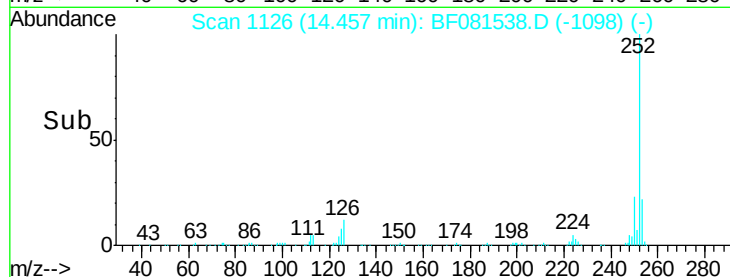
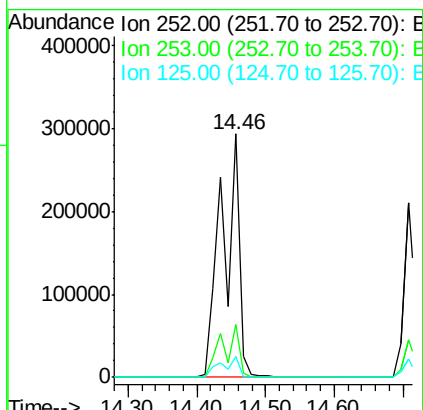
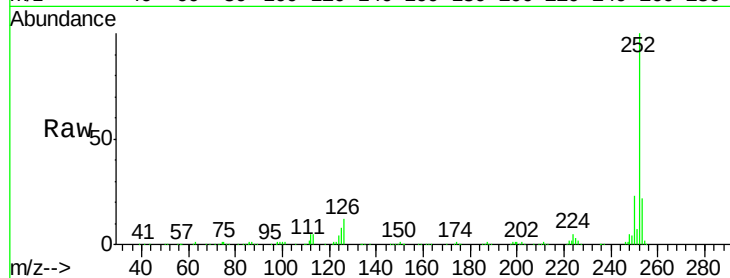




#87
Benzo(b)fluoranthene
Concen: 71.49 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

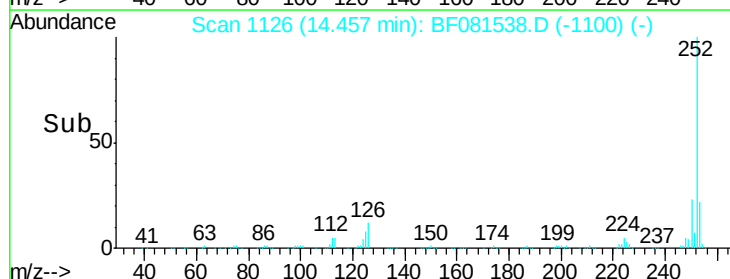
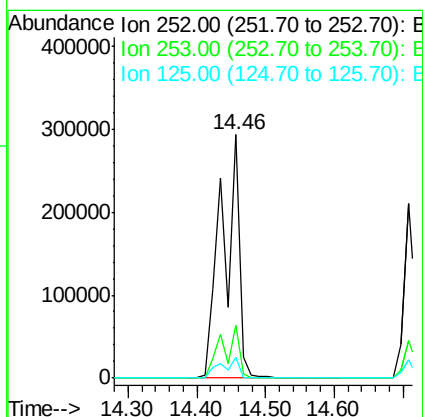
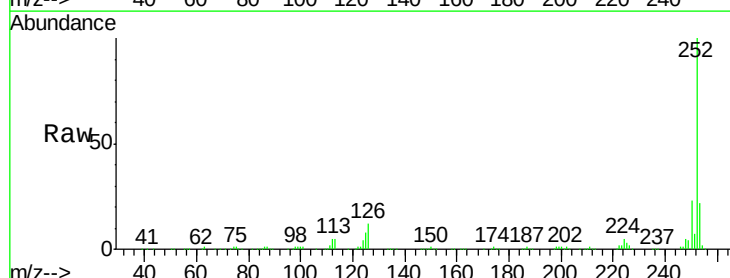
Instrument :
BNA_F
ClientSampleId :

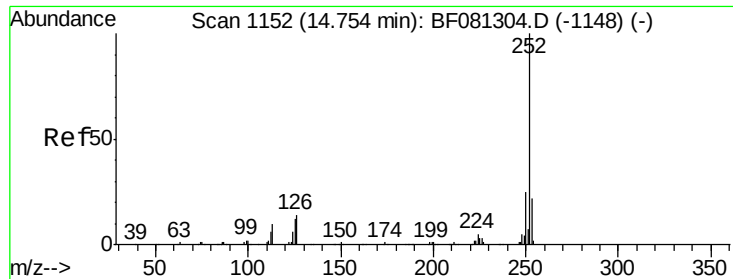
Tot Ion:252 Resp: 526108
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 86.16 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:252 Resp: 526108
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 8.4 16.0 24.0#

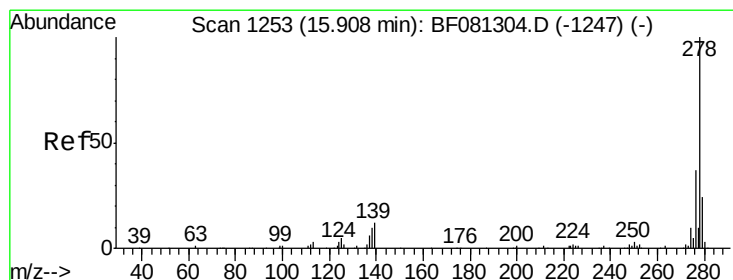
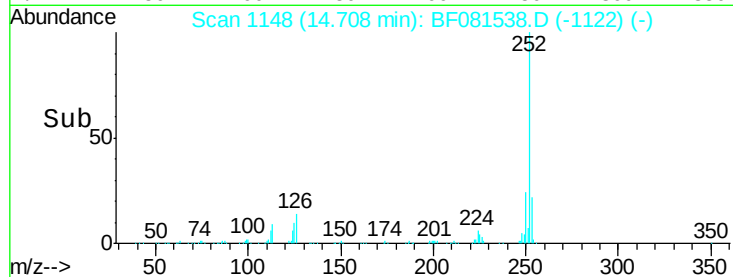
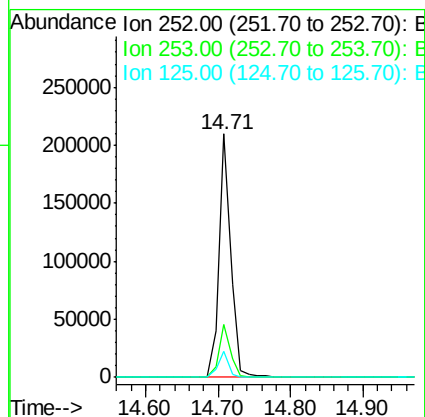
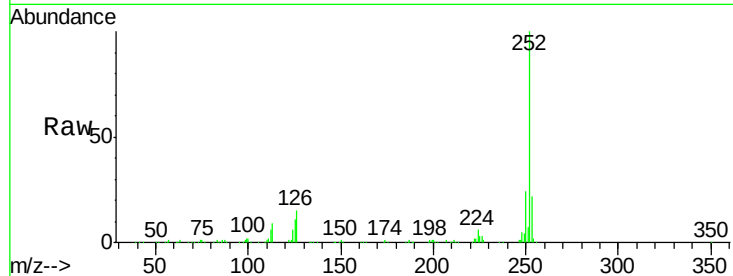




#89
Benzo(a)pyrene
Concen: 37.72 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

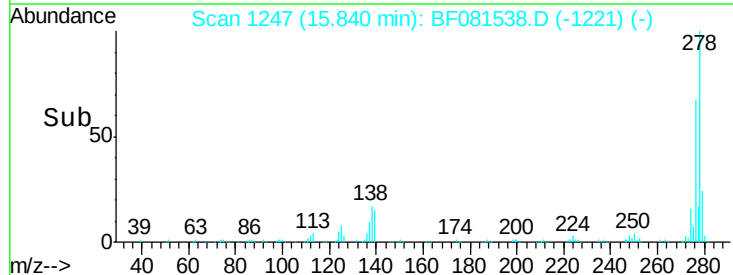
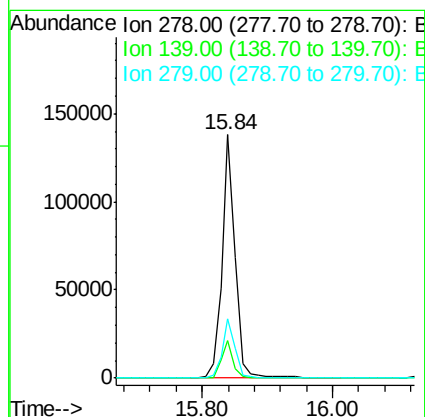
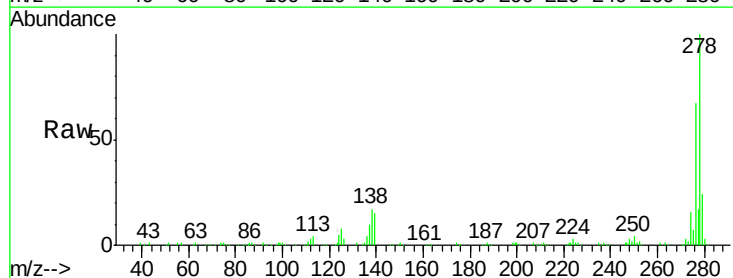
Instrument :
BNA_F
ClientSampleId :

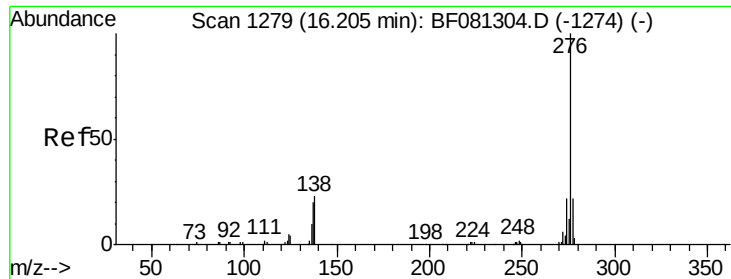
Tot Ion:252 Resp: 235225
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.6 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.56 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081538.D
Acq: 8 Sep 2015 23:28

Tgt Ion:278 Resp: 195446
Ion Ratio Lower Upper
278 100
139 15.4 26.3 39.5#
279 24.1 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.45 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF081538.D
 Acq: 8 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 172234
 Ion Ratio Lower Upper
 276 100
 277 22.0 17.8 26.6
 138 14.5 34.6 51.8#

