

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081526.D
 Acq On : 8 Sep 2015 17:08
 Operator : UM/IZ
 Sample : PB85409BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 18:26:10 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 16:11:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	46918	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	179475	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	87996	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	181371	20.00	ng	0.00
75) Chrysene-d12	13.45	240	151226	20.00	ng	0.00
86) Perylene-d12	14.75	264	91934	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	370160	122.41	ng	0.02
7) Phenol-d6	6.02	99	456979	114.16	ng	0.00
23) Nitrobenzene-d5	6.92	82	291395	78.33	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	96667	123.38	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	495987	72.23	ng	0.00
78) Terphenyl-d14	12.42	244	475944	73.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	37958	27.95	ng	# 82
3) Pyridine	2.27	79	116065	30.99	ng	# 87
4) n-Nitrosodimethylamine	2.24	42	82837	39.82	ng	# 71
6) Aniline	6.01	93	154098	27.26	ng	# 79
8) 2-Chlorophenol	6.14	128	129387	38.83	ng	94
9) Benzaldehyde	5.88	77	76126	30.35	ng	# 79
10) Phenol	6.03	94	182255	39.26	ng	# 48
11) bis(2-Chloroethyl)ether	6.10	93	133042	39.72	ng	88
12) 1,3-Dichlorobenzene	6.28	146	137152	38.52	ng	# 93
13) 1,4-Dichlorobenzene	6.36	146	140292	38.70	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	118635	36.35	ng	# 86
15) Benzyl Alcohol	6.51	79	122849	37.41	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	270079	42.07	ng	# 6
17) 2-Methylphenol	6.65	107	111170	41.81	ng	# 74
18) Hexachloroethane	6.86	117	55362	39.25	ng	90
19) n-Nitroso-di-n-propylamine	6.79	70	100333	36.83	ng	# 90
20) 3+4-Methylphenols	6.81	107	143492	40.03	ng	89
22) Acetophenone	6.78	105	191946	39.16	ng	# 75
24) Nitrobenzene	6.95	77	162741	42.13	ng	# 69
25) Isophorone	7.19	82	273322	39.50	ng	# 82
26) 2-Nitrophenol	7.27	139	69155	41.07	ng	# 52
27) 2,4-Dimethylphenol	7.32	122	110611	38.04	ng	# 74
28) bis(2-Chloroethoxy)methane	7.42	93	156364	39.12	ng	# 92
29) 2,4-Dichlorophenol	7.52	162	100854	39.99	ng	97
30) 1,2,4-Trichlorobenzene	7.59	180	111967	40.87	ng	98
31) Naphthalene	7.66	128	356331	37.23	ng	98
32) Benzoic acid	7.48	122	56990	28.54	ng	# 59
33) 4-Chloroaniline	7.72	127	79891	20.46	ng	# 82
34) Hexachlorobutadiene	7.78	225	66742	40.03	ng	99
35) Caprolactam	8.10	113	17876	23.11	ng	# 20
36) 4-Chloro-3-methylphenol	8.24	107	131633	46.63	ng	# 82
37) 2-Methylnaphthalene	8.35	142	260549	41.83	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	101002	36.29	ng	98
40) Hexachlorocyclopentadiene	8.50	237	102526	75.07	ng	96

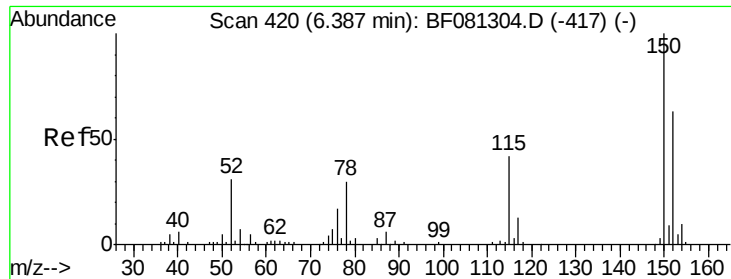
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081526.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	72818	37.91	nq	97
43) 2,4,5-Trichlorophenol	8.68	196	80213	40.94	nq	# 91
45) 1,1'-Biphenyl	8.82	154	294811	36.42	nq	95
46) 2-Chloronaphthalene	8.83	162	233160	39.88	nq	# 90
47) 2-Nitroaniline	8.95	65	98081	41.16	nq	# 76
48) Acenaphthylene	9.23	152	371538	35.82	nq	97
49) Dimethylphthalate	9.13	163	262957	38.46	nq	# 97
50) 2,6-Dinitrotoluene	9.19	165	52949	34.12	nq	# 13
51) Acenaphthene	9.40	154	214049	36.28	nq	88
52) 3-Nitroaniline	9.35	138	37371	21.15	nq	# 25
53) 2,4-Dinitrophenol	9.47	184	55667	85.17	nq	# 76
54) Dibenzofuran	9.59	168	334794	38.86	nq	93
55) 4-Nitrophenol	9.58	139	230611	207.79	nq	# 34
56) 2,4-Dinitrotoluene	9.59	165	72076	36.48	nq	# 21
57) Fluorene	9.92	166	257770	39.43	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	67828	45.34	nq	95
59) Diethylphthalate	9.83	149	286723	39.87	nq	95
60) 4-Chlorophenyl-phenylether	9.93	204	126740	41.59	nq	93
61) 4-Nitroaniline	9.96	138	65146	36.50	nq	# 28
62) Azobenzene	10.08	77	318670	39.86	nq	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	39374	38.81	nq	86
65) n-Nitrosodiphenylamine	10.04	169	220550	33.42	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	72510	39.54	nq	# 90
67) Hexachlorobenzene	10.46	284	72883	38.01	nq	# 63
68) Atrazine	10.58	200	70858	37.10	nq	83
69) Pentachlorophenol	10.66	266	67874	73.51	nq	99
70) Phenanthrene	10.87	178	397528	39.42	nq	97
71) Anthracene	10.91	178	363581	35.10	nq	97
72) Carbazole	11.08	167	393450	40.47	nq	97
73) Di-n-butylphthalate	11.44	149	492264	42.88	nq	# 98
74) Fluoranthene	12.03	202	400232	36.67	nq	91
76) Benzidine	12.18	184	198113	30.52	nq	97
77) Pyrene	12.26	202	463638	41.39	nq	99
79) Butylbenzylphthalate	12.91	149	192789	39.57	nq	95
80) Benzo(a)anthracene	13.44	228	346395	35.97	nq	97
81) 3,3'-Dichlorobenzidine	13.42	252	55276	17.02	nq	# 96
82) Chrysene	13.47	228	267210	30.95	nq	96
83) Bis(2-ethylhexyl)phthalate	13.47	149	227347	35.36	nq	# 87
84) Di-n-octyl phthalate	14.08	149	323916	30.60	nq	# 94
85) Indeno(1,2,3-cd)pyrene	15.83	276	222835	35.18	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	504204	76.82	nq	# 85
88) Benzo(k)fluoranthene	14.46	252	504204	92.58	nq	# 86
89) Benzo(a)pyrene	14.71	252	218873	39.35	nq	# 87
90) Dibenzo(a,h)anthracene	15.84	278	188005	43.75	nq	# 77
91) Benzo(g,h,i)perylene	16.14	276	186420	45.45	nq	# 76

(#) = 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: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

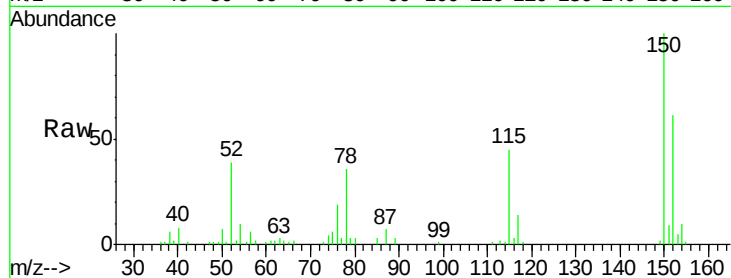
Tot Ion:152 Resp: 46918

Ion Ratio Lower Upper

152 100

150 163.8 124.7 187.1

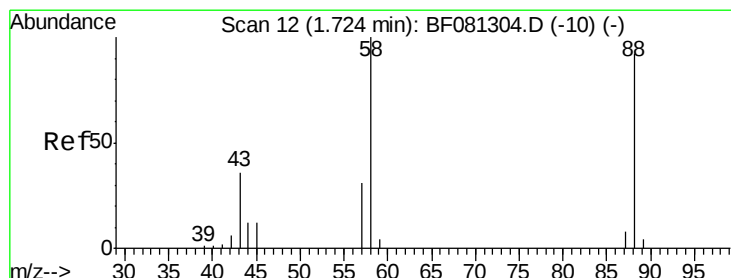
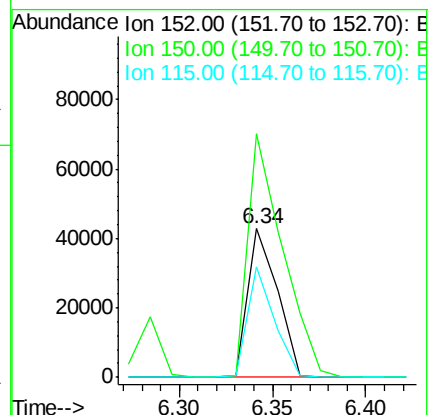
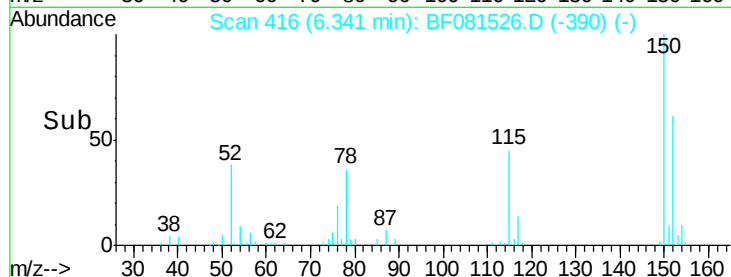
115 74.5 39.0 58.4#



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: 27.95 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

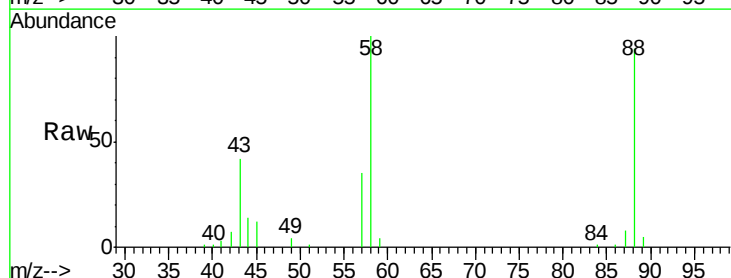
Tgt Ion: 88 Resp: 37958

Ion Ratio Lower Upper

88 100

58 109.4 77.7 116.5

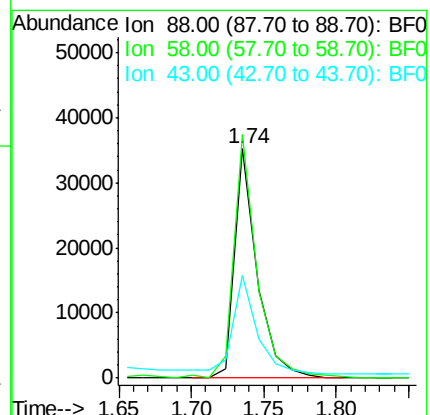
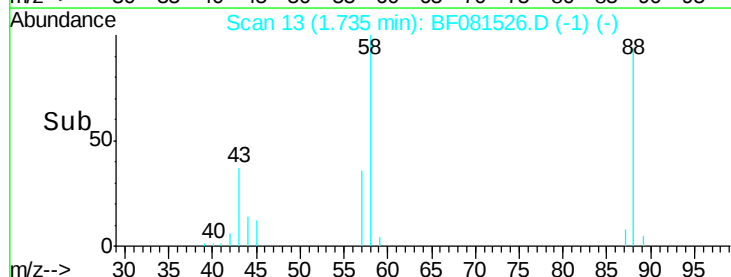
43 53.2 26.6 40.0#

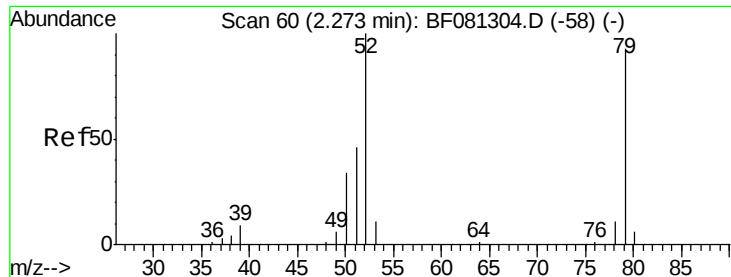


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.99 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

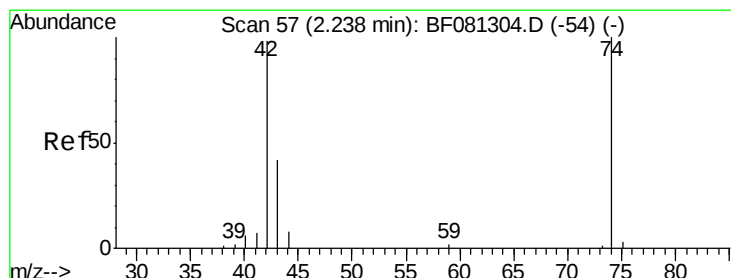
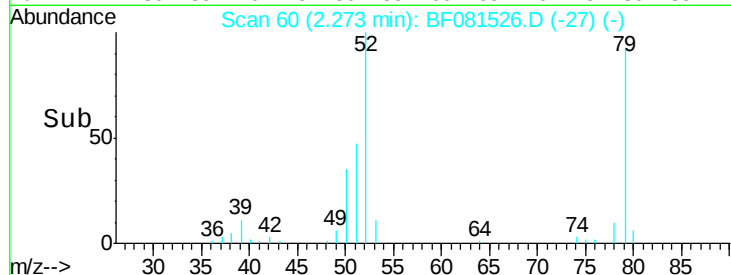
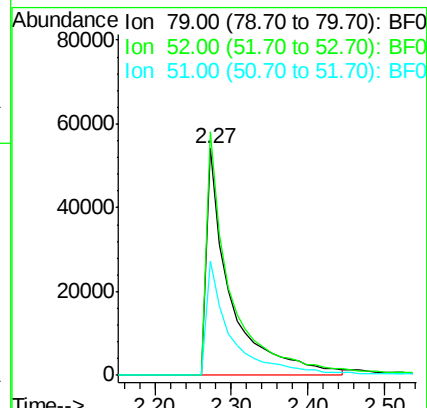
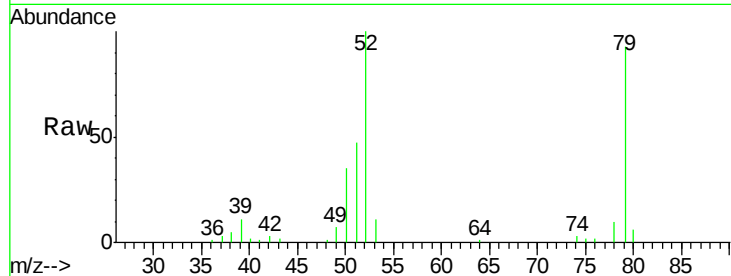
Tot Ion: 79 Resp: 116065

Ion Ratio Lower Upper

79 100

52 107.5 76.8 115.2

51 50.5 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 39.82 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

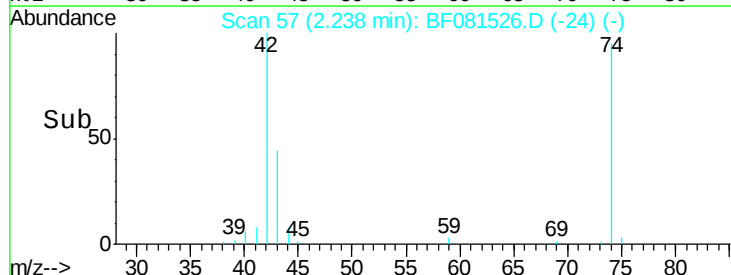
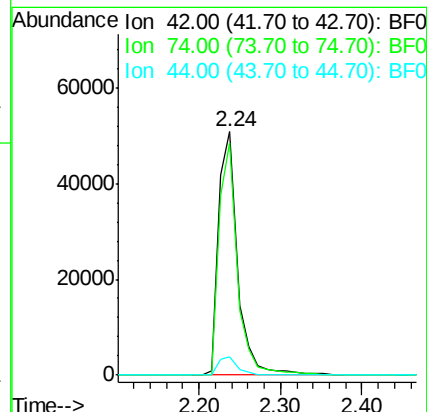
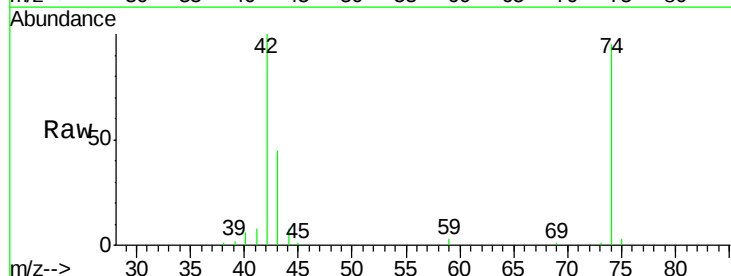
Tgt Ion: 42 Resp: 82837

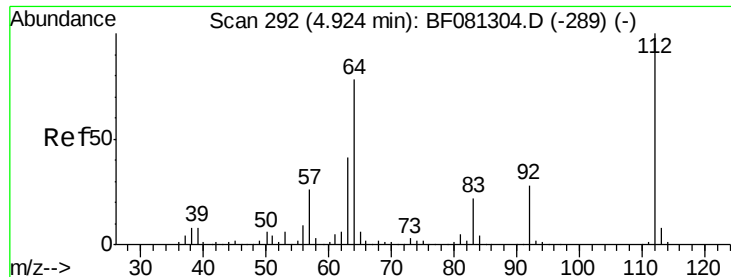
Ion Ratio Lower Upper

42 100

74 95.3 105.0 157.6#

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 122.41 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

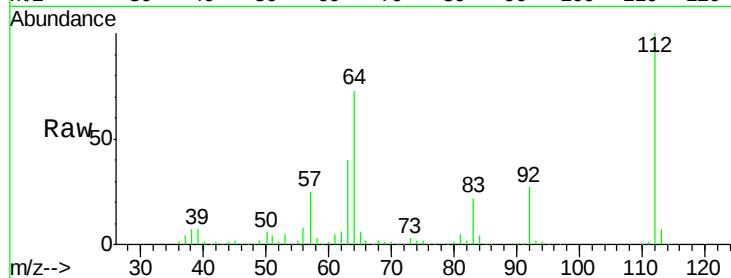
Tot Ion:112 Resp: 370160

Ion Ratio Lower Upper

112 100

64 72.8 39.7 59.5#

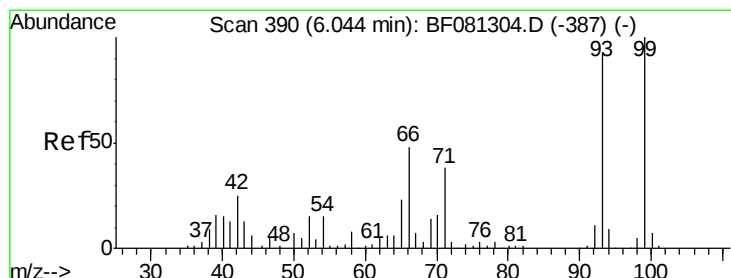
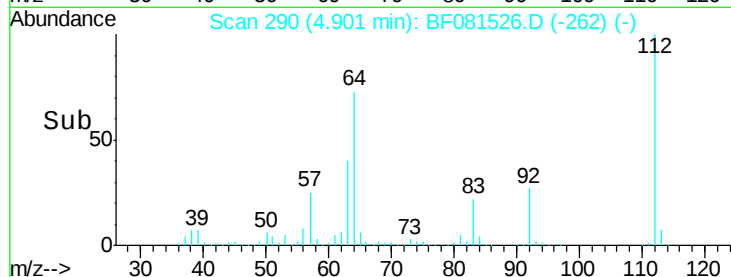
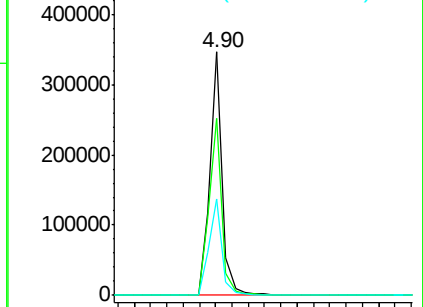
63 39.8 17.4 26.0#



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: 27.26 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

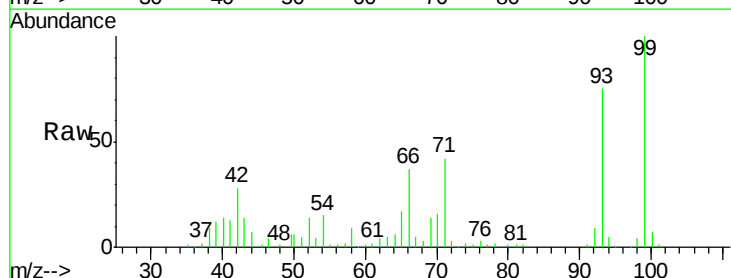
Tgt Ion: 93 Resp: 154098

Ion Ratio Lower Upper

93 100

66 49.5 27.2 40.8#

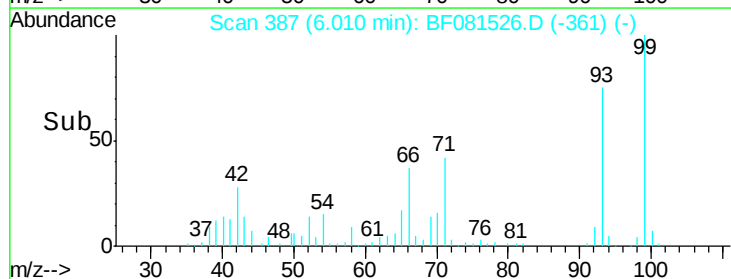
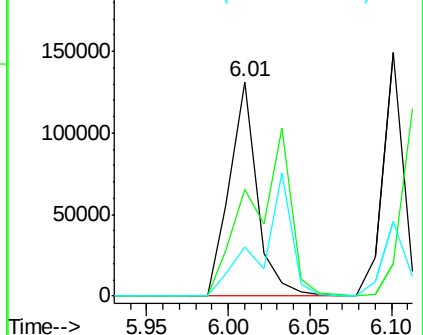
65 23.1 14.7 22.1#

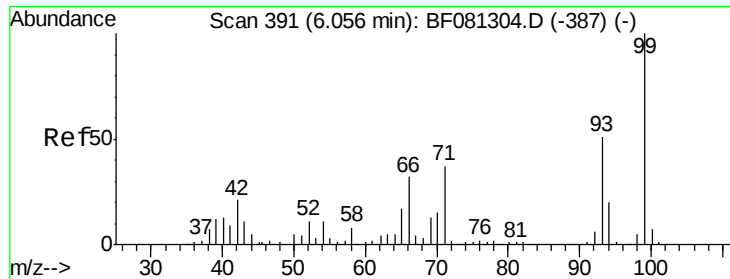


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.16 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

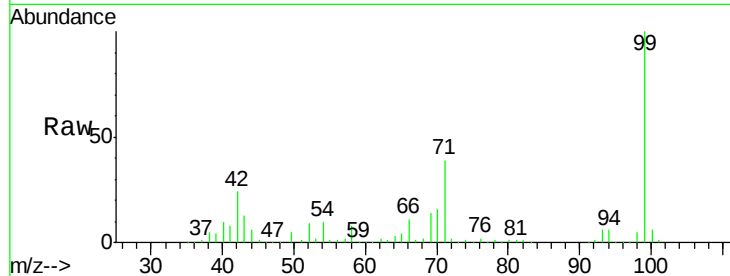
Tot Ion: 99 Resp: 456979

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

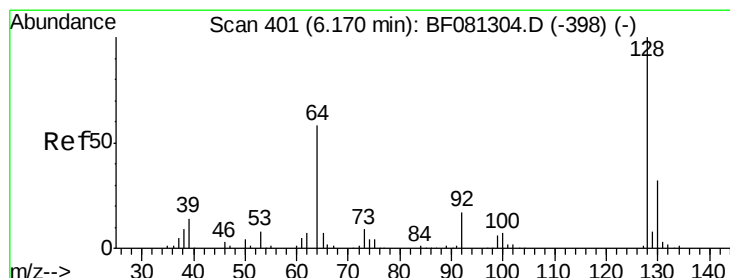
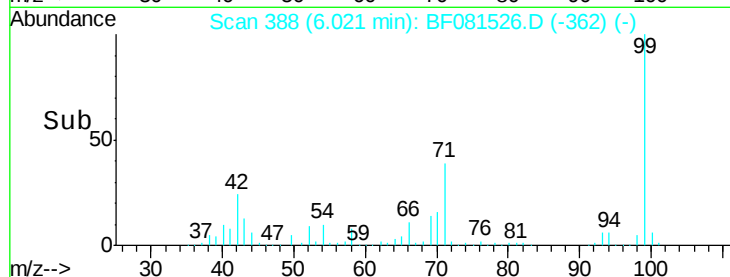
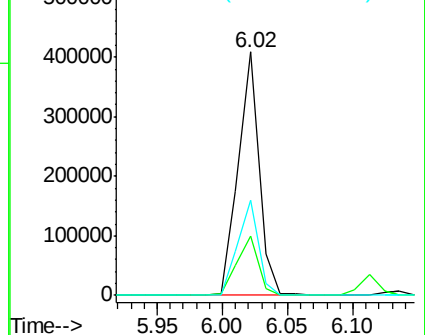
71 39.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.83 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

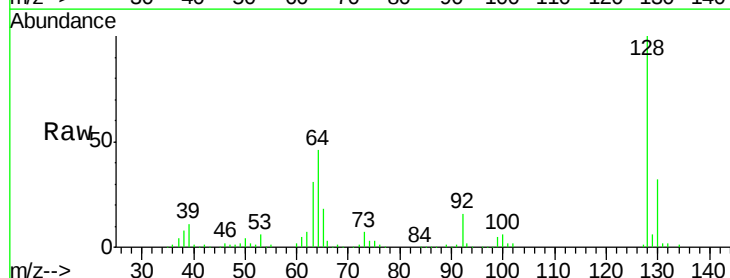
Tgt Ion: 128 Resp: 129387

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

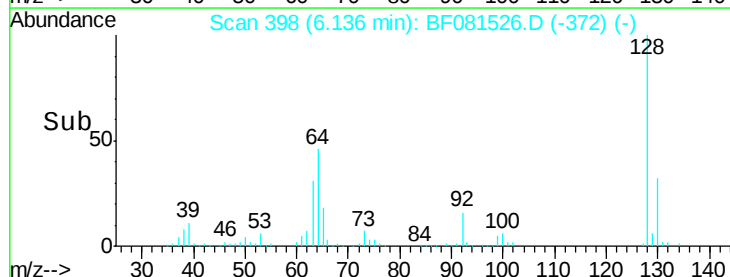
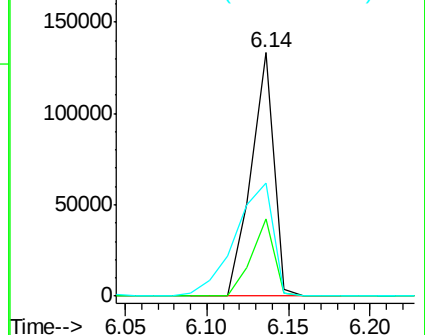
64 46.5 20.5 60.5

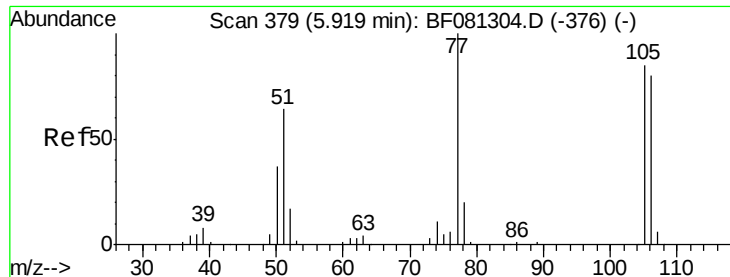


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.35 ng

RT: 5.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

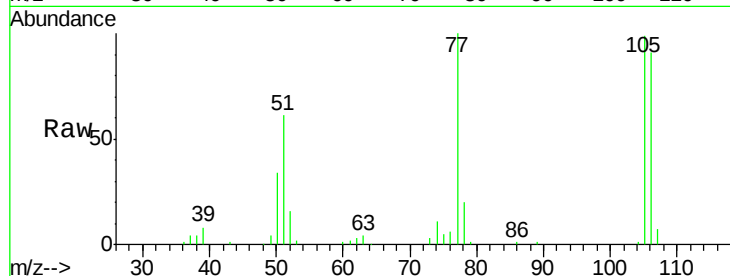
Tot Ion: 77 Resp: 76126

Ion Ratio Lower Upper

77 100

105 98.5 91.6 131.6

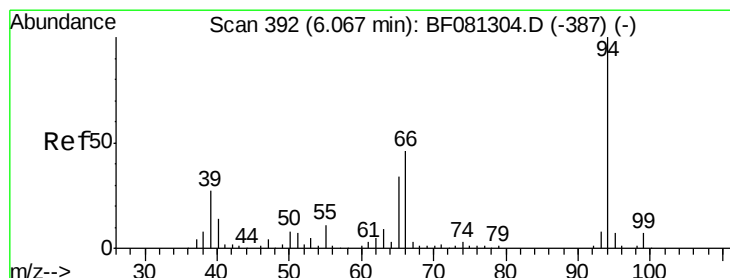
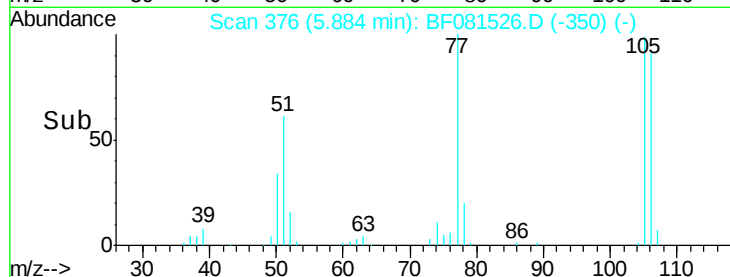
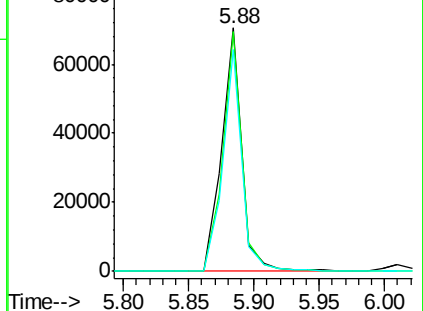
106 90.9 102.6 142.6#



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: 39.26 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

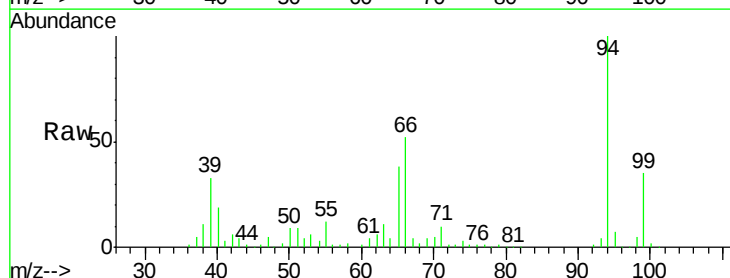
Tgt Ion: 94 Resp: 182255

Ion Ratio Lower Upper

94 100

65 38.1 0.7 40.7

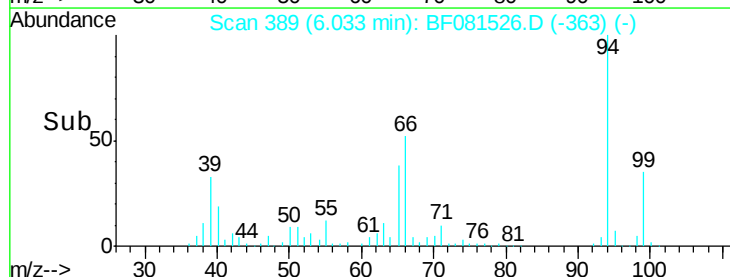
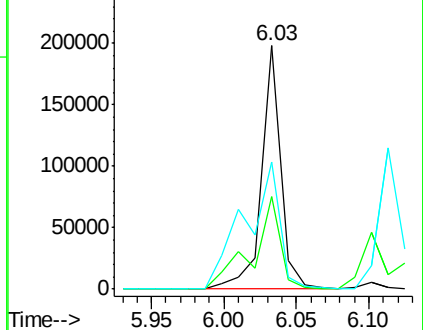
66 52.1 0.8 40.8#

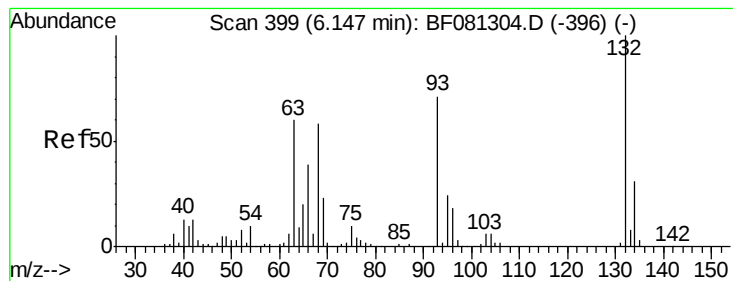


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

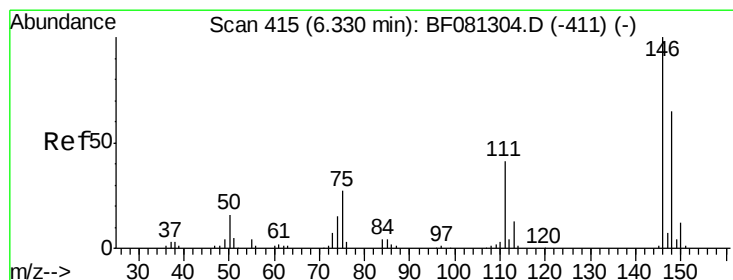
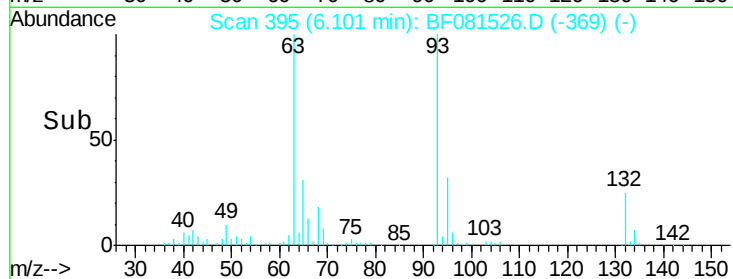
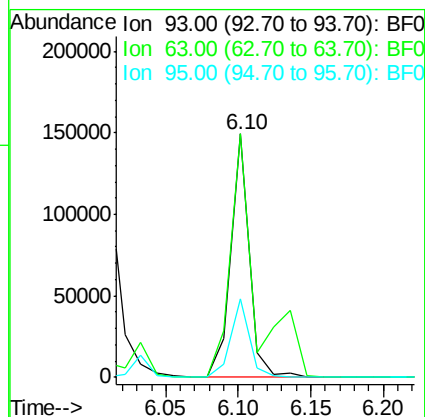
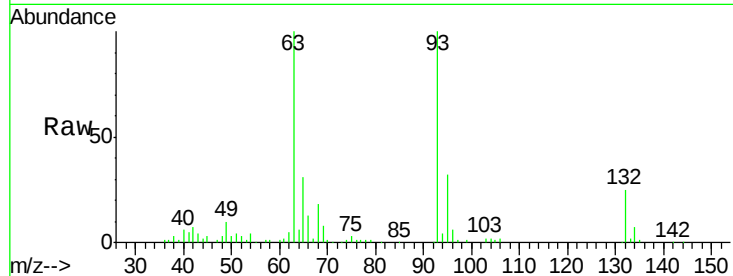




#11
bis(2-Chloroethyl)ether
Concen: 39.72 ng
RT: 6.10 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

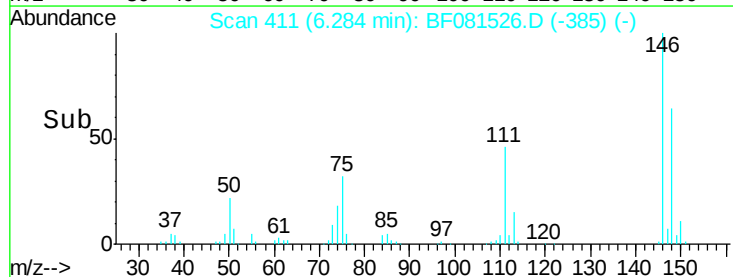
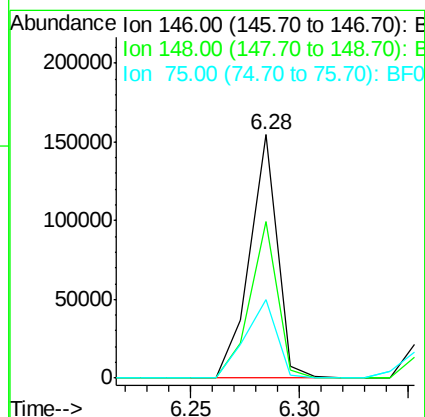
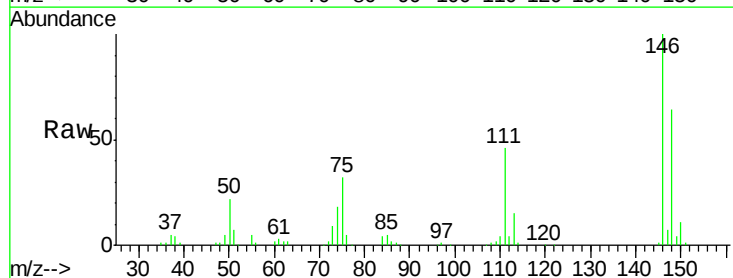
Instrument :
BNA_F
ClientSampleId :

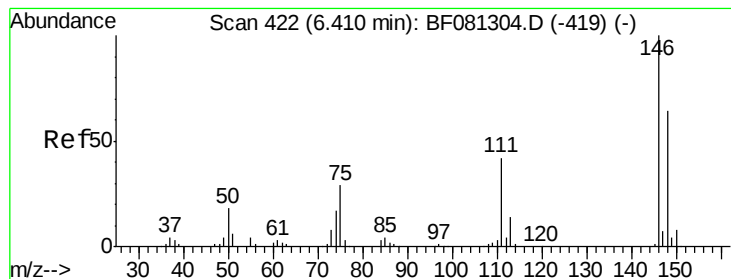
Tot Ion: 93 Resp: 133042
Ion Ratio Lower Upper
93 100
63 100.1 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.52 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion: 146 Resp: 137152
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 38.70 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

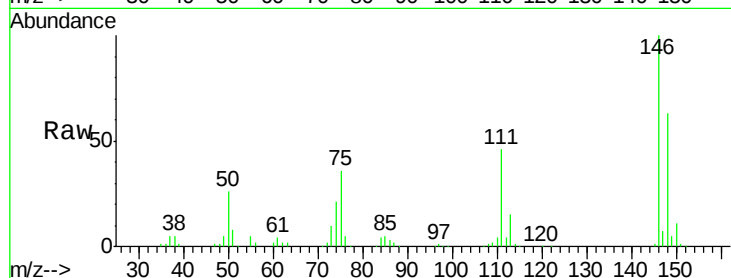
Tot Ion:146 Resp: 140292

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

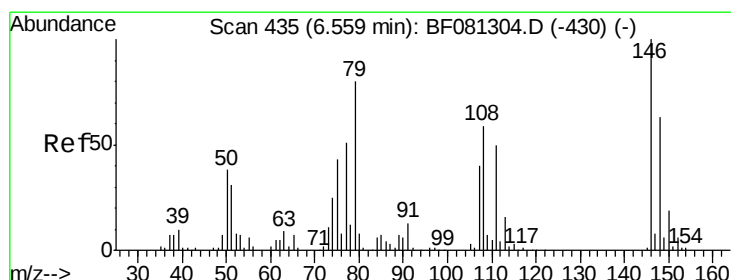
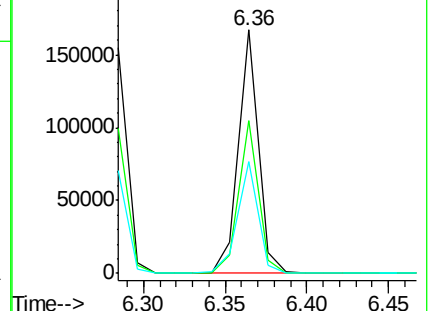
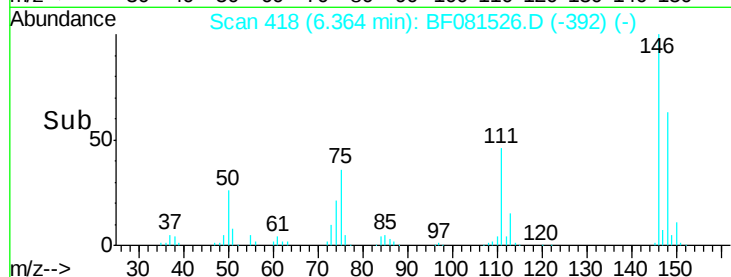
111 45.7 24.9 37.3#



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: 36.35 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

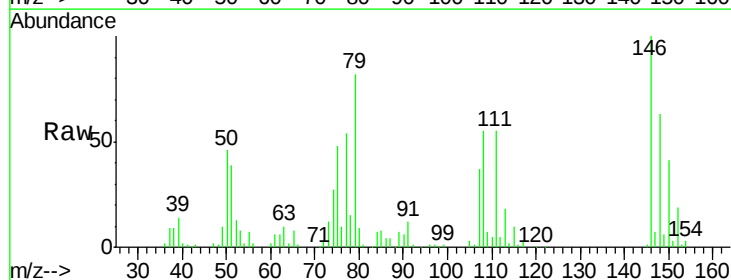
Tgt Ion:146 Resp: 118635

Ion Ratio Lower Upper

146 100

148 63.0 52.7 79.1

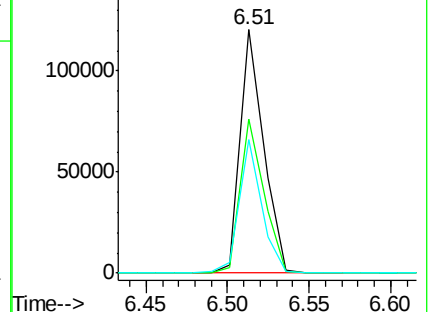
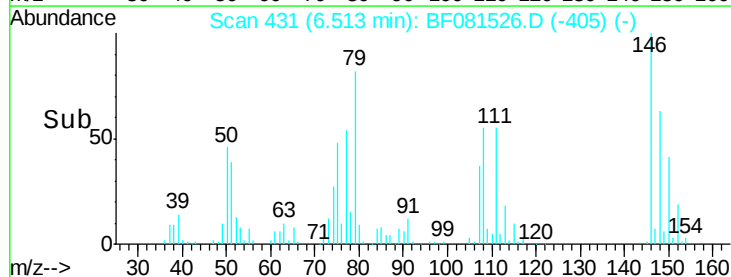
111 54.7 28.8 43.2#

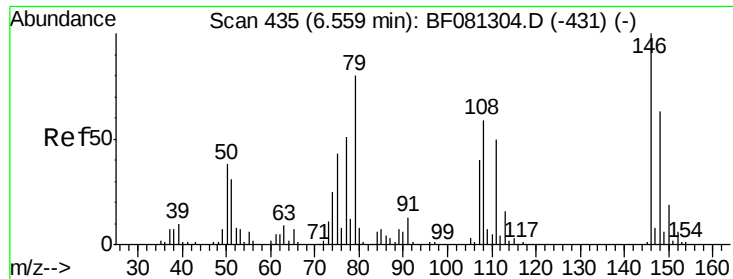


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.41 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

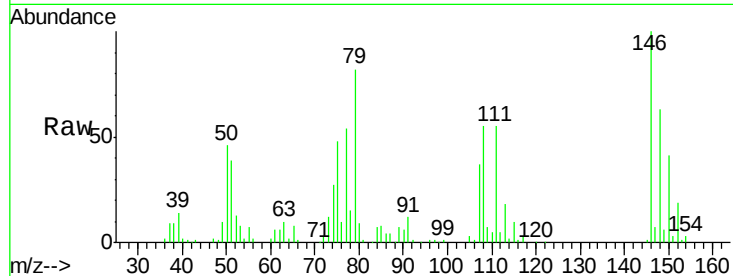
Tot Ion: 79 Resp: 122849

Ion Ratio Lower Upper

79 100

108 66.9 88.6 132.8#

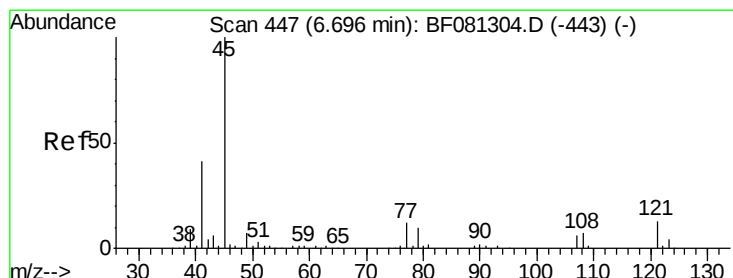
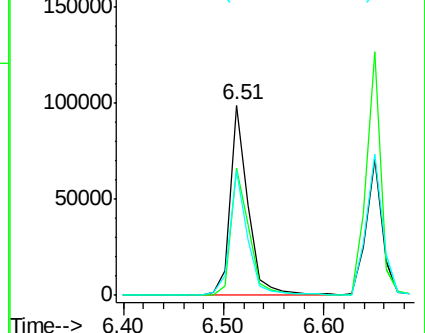
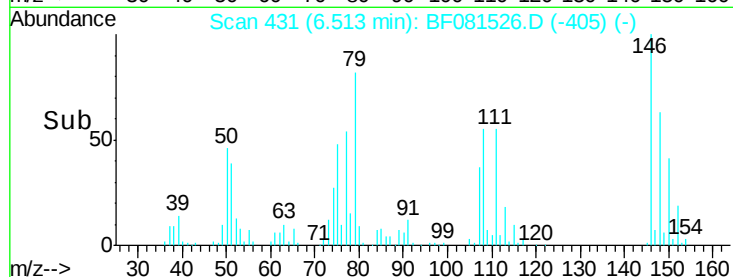
77 65.3 47.0 70.4



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: 42.07 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

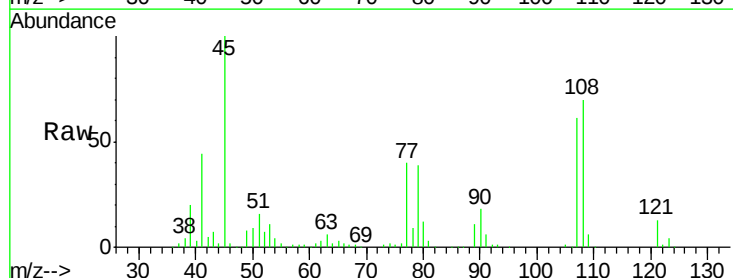
Tgt Ion: 45 Resp: 270079

Ion Ratio Lower Upper

45 100

77 40.5 0.0 28.1#

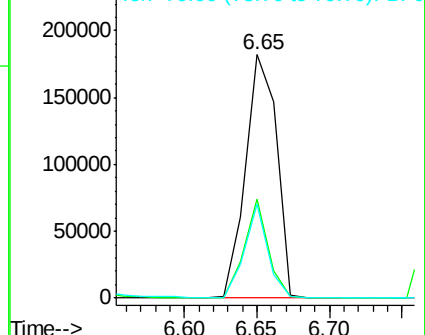
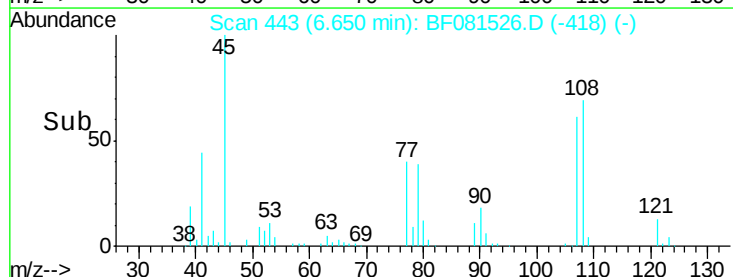
79 38.8 0.0 26.0#

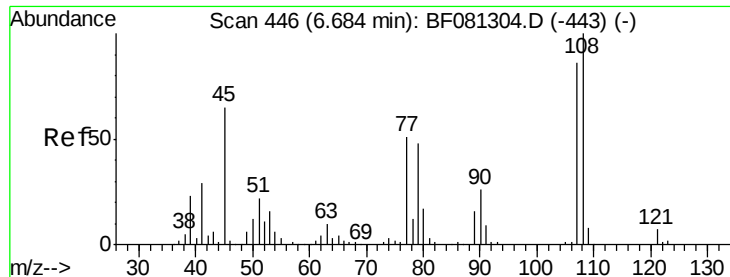


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.81 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 111170

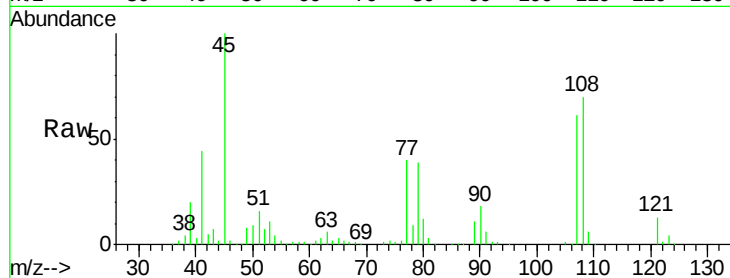
Ion Ratio Lower Upper

107 100

108 113.7 96.6 145.0

77 66.2 23.3 34.9#

79 63.4 22.0 33.0#

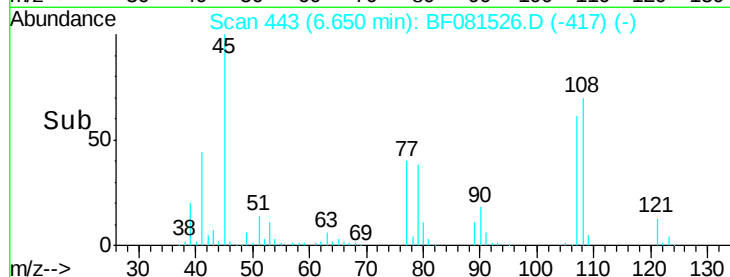


Abundance Ion 107.00 (106.70 to 107.70): E

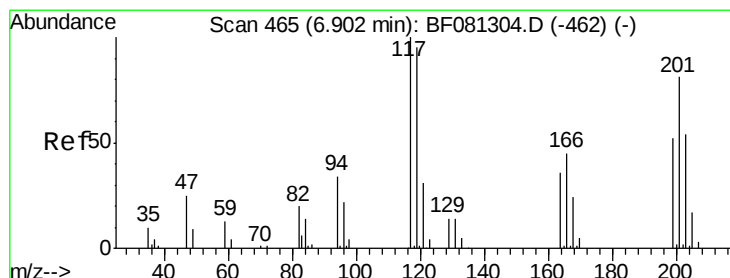
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.25 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

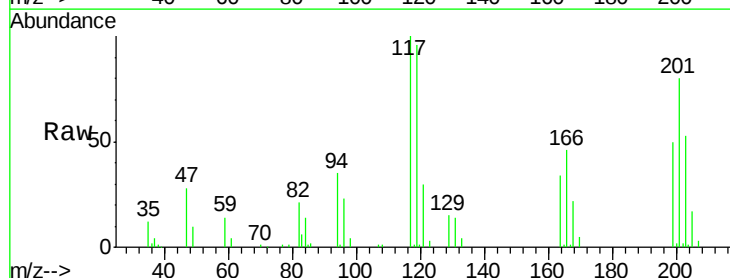
Tgt Ion:117 Resp: 55362

Ion Ratio Lower Upper

117 100

119 96.3 83.8 125.6

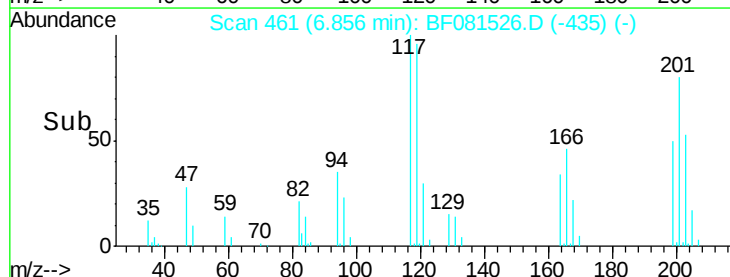
201 79.6 55.1 82.7



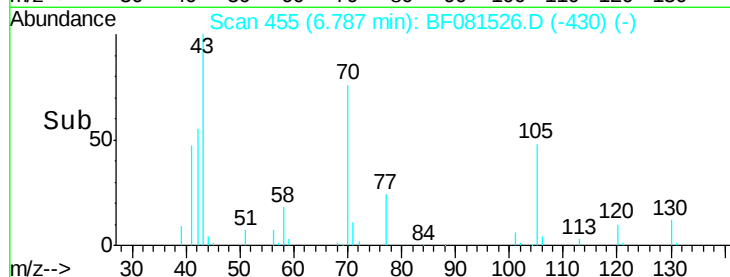
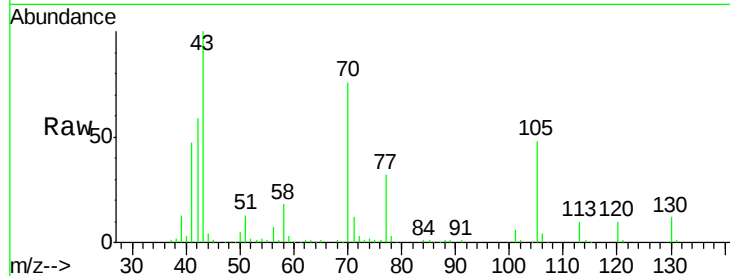
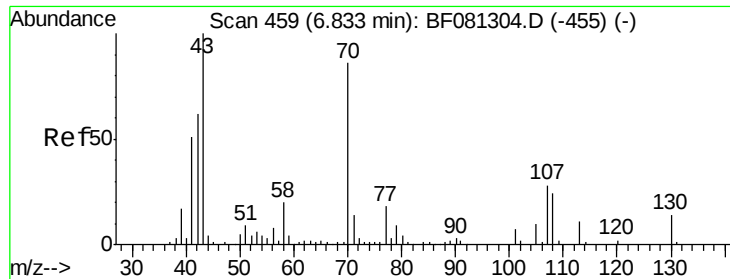
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



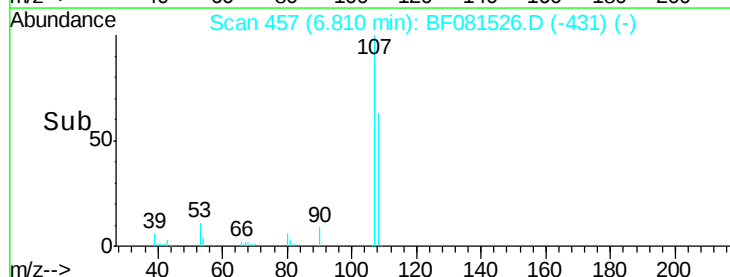
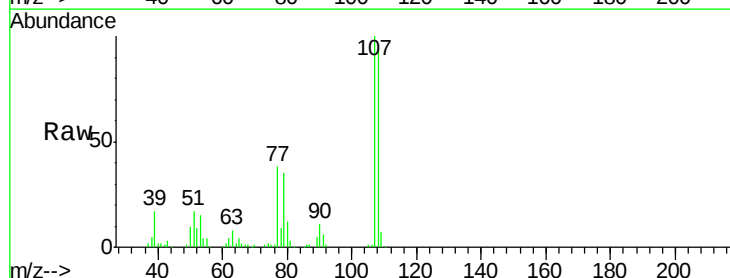
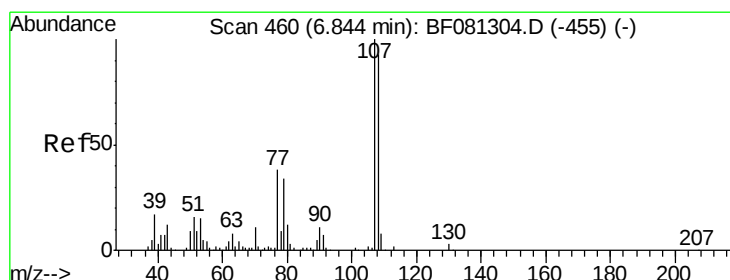
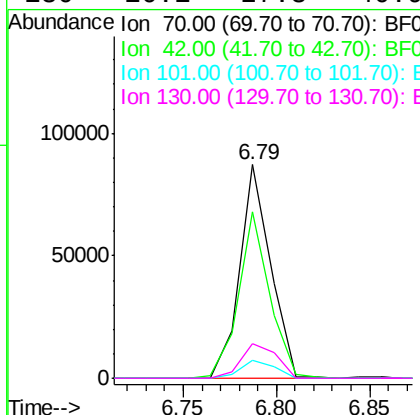
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.83 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

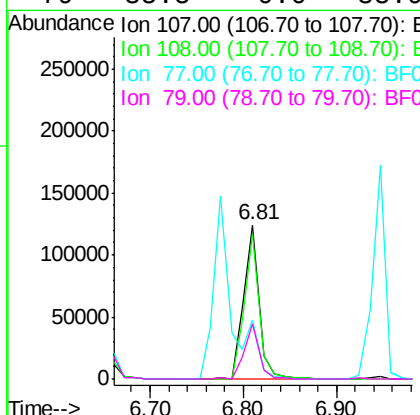
Instrument :
BNA_F
ClientSampleId :

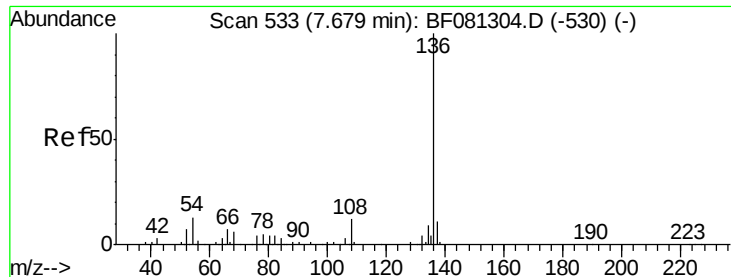
Tot Ion: 70 Resp: 100333
Ion Ratio Lower Upper
70 100
42 78.2 63.8 95.6
101 8.5 9.2 13.8#
130 16.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 40.03 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:107 Resp: 143492
Ion Ratio Lower Upper
107 100
108 93.9 74.6 114.6
77 38.1 0.7 40.7
79 35.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 179475

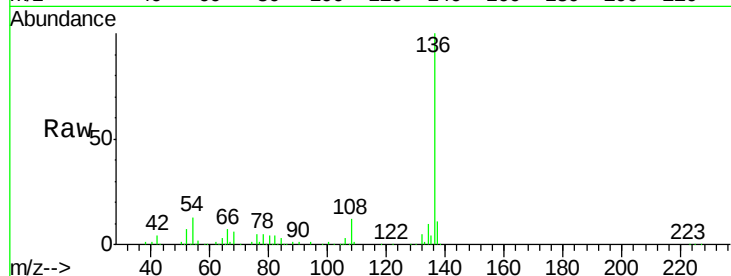
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 13.4 8.2 12.2#

68 6.0 5.8 8.6

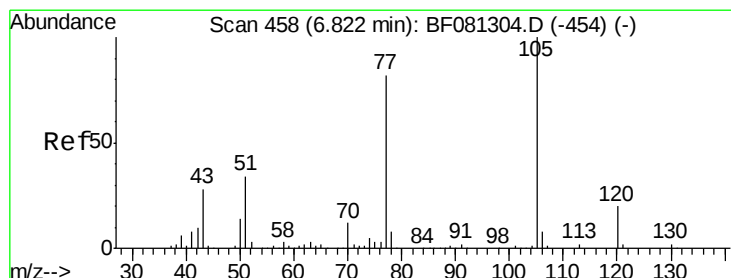
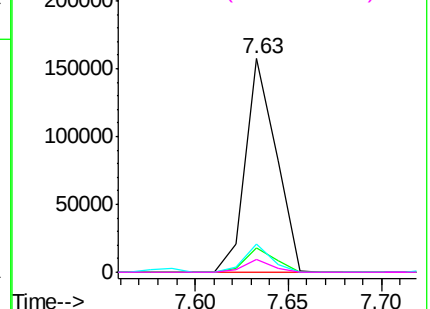
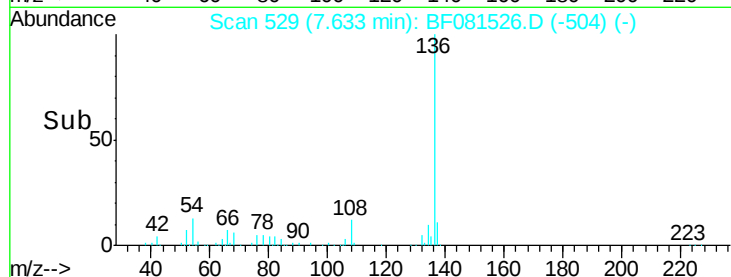


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.16 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Tgt Ion:105 Resp: 191946

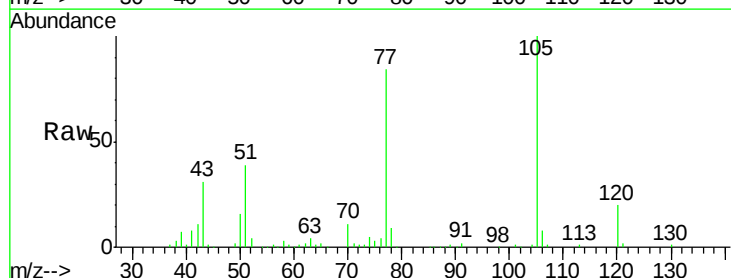
Ion Ratio Lower Upper

105 100

71 1.9 4.7 7.1#

51 38.7 22.0 33.0#

120 19.6 30.1 45.1#

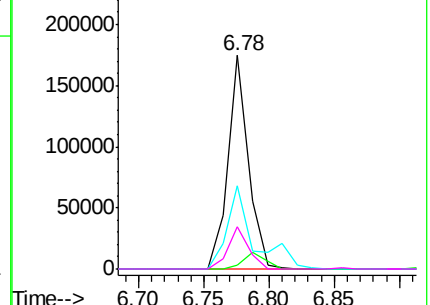
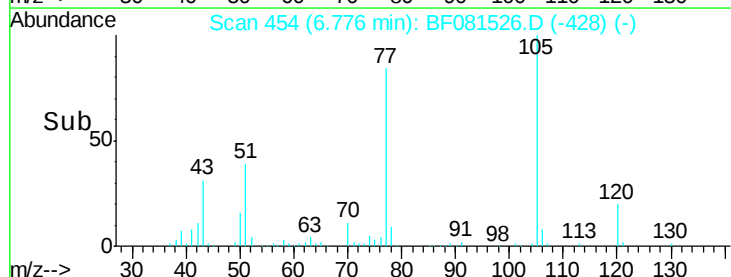


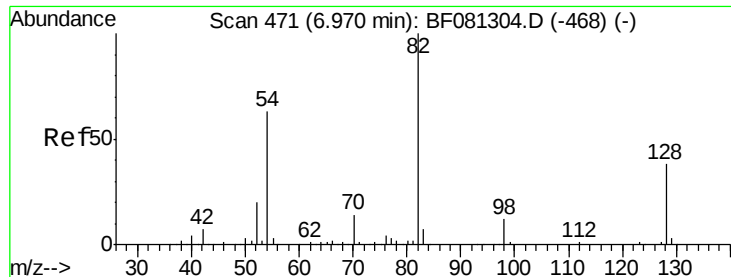
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

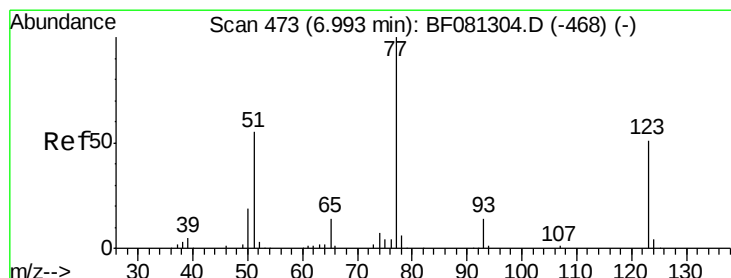
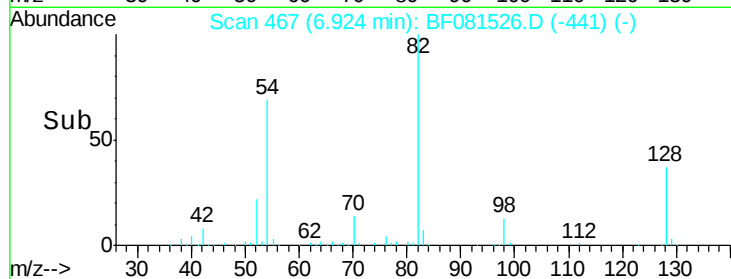
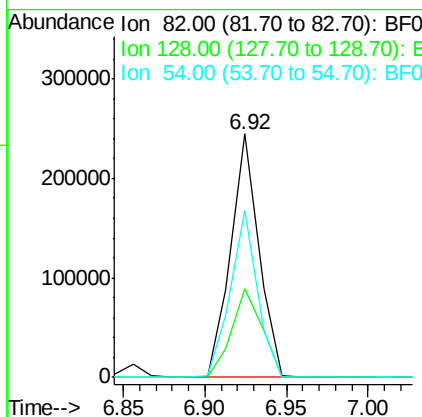
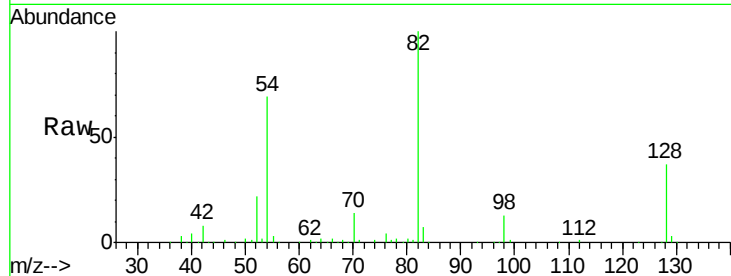




#23
 Nitrobenzene-d5
 Concen: 78.33 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

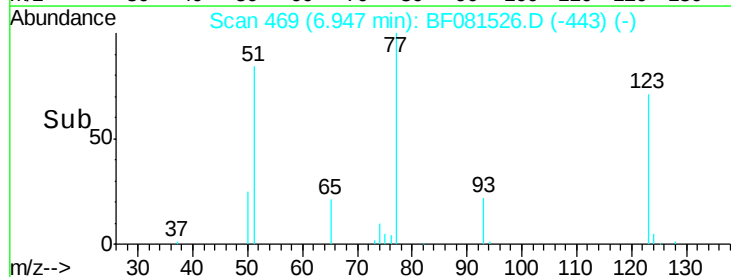
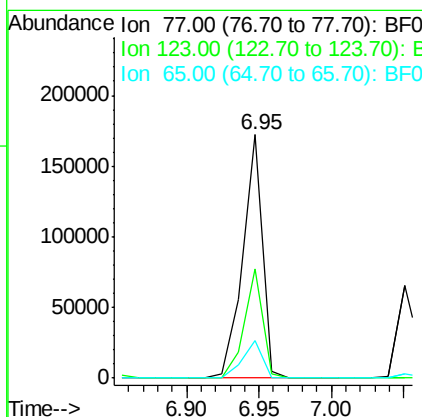
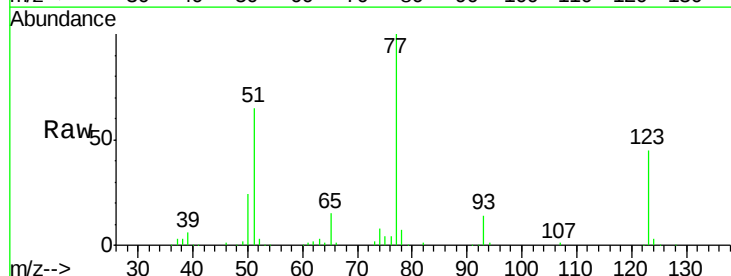
Instrument :
 BNA_F
 ClientSampleId :

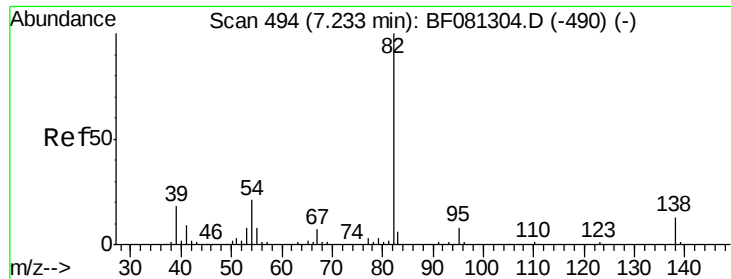
Tot Ion: 82 Resp: 291395
 Ion Ratio Lower Upper
 82 100
 128 36.5 51.0 76.6#
 54 68.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 42.13 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion: 77 Resp: 162741
 Ion Ratio Lower Upper
 77 100
 123 44.8 59.8 89.8#
 65 15.4 10.2 15.4#





#25

Isophorone

Concen: 39.50 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

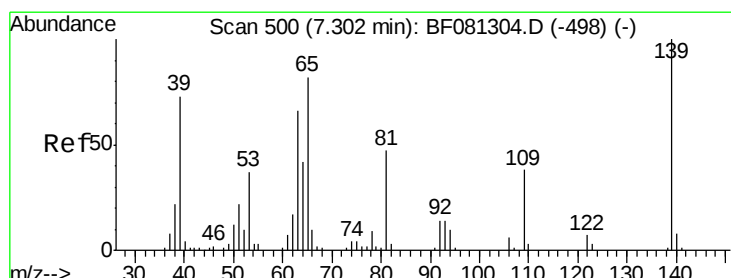
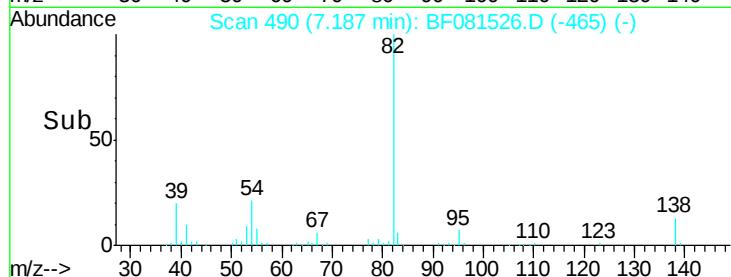
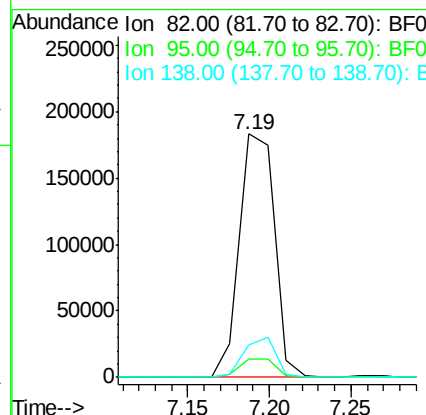
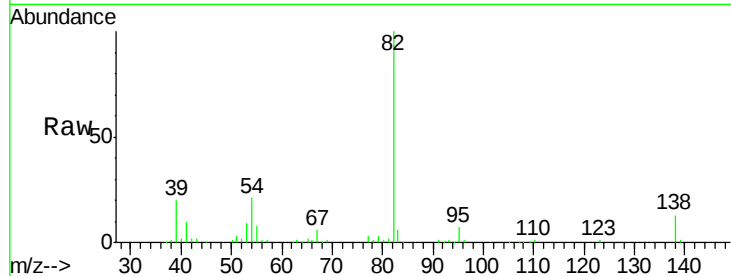
Tot Ion: 82 Resp: 273322

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 13.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 41.07 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

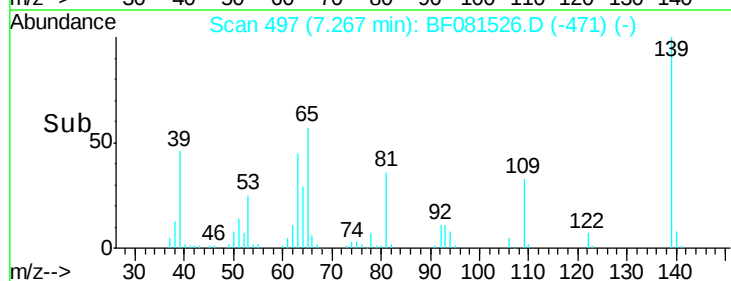
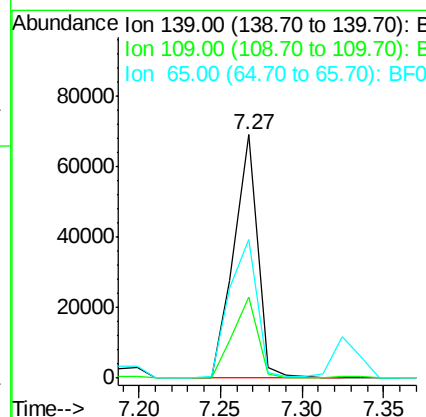
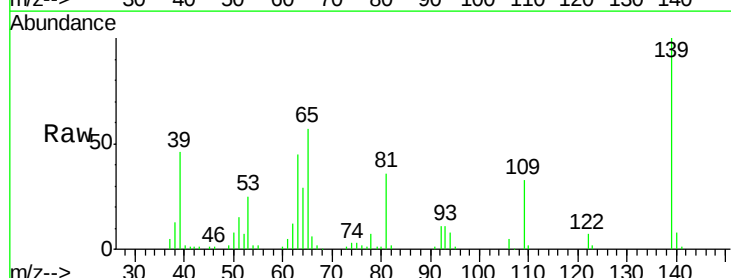
Tgt Ion: 139 Resp: 69155

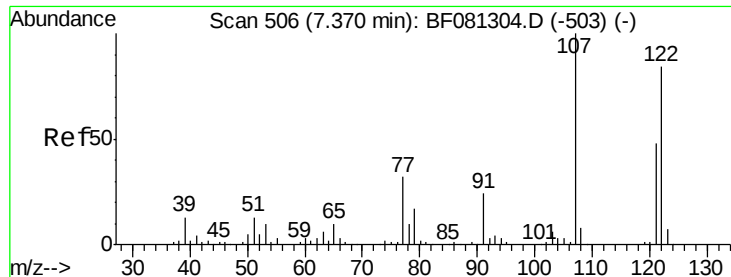
Ion Ratio Lower Upper

139 100

109 33.4 11.0 16.4#

65 57.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 38.04 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

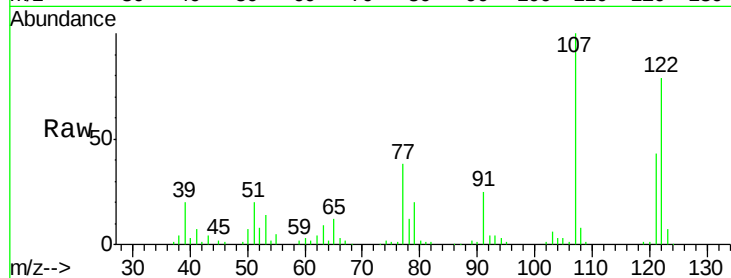
Tot Ion:122 Resp: 110611

Ion Ratio Lower Upper

122 100

107 126.5 71.8 107.6#

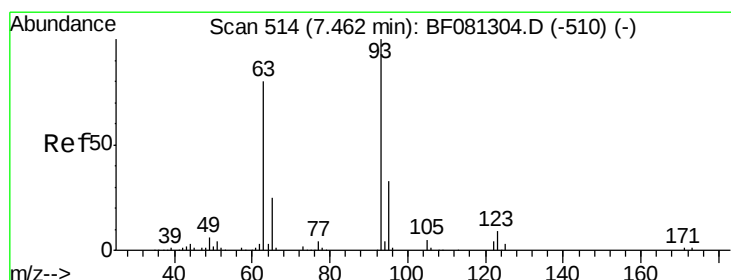
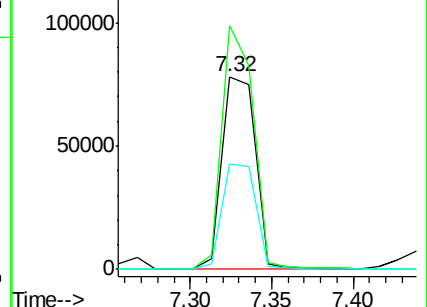
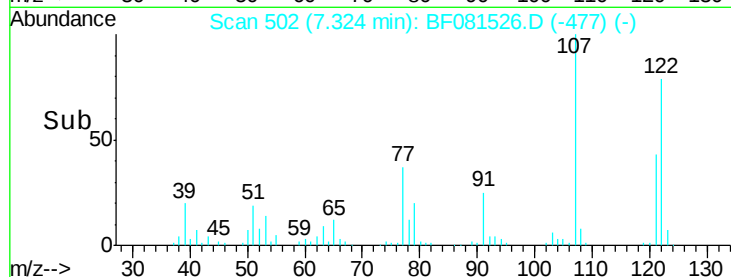
121 55.0 42.3 63.5



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: 39.12 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

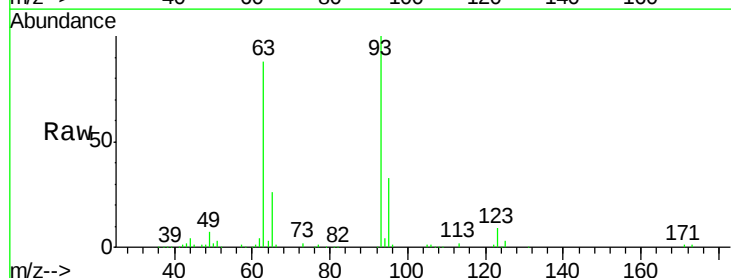
Tgt Ion: 93 Resp: 156364

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

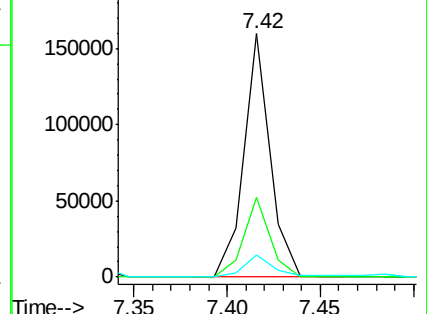
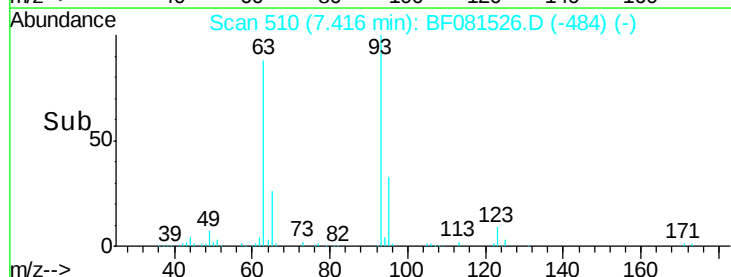
123 8.9 13.7 20.5#

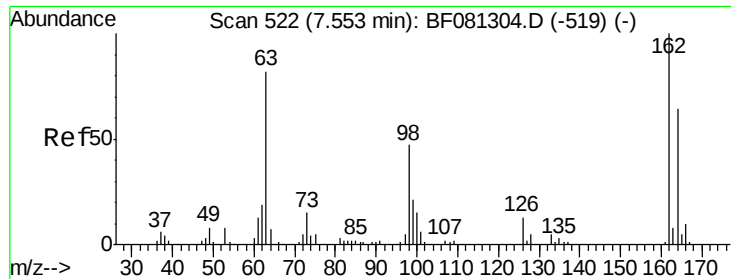


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

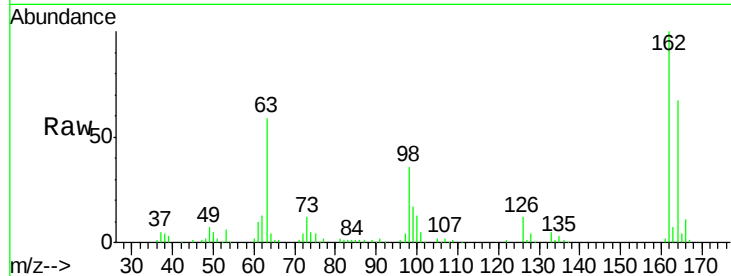




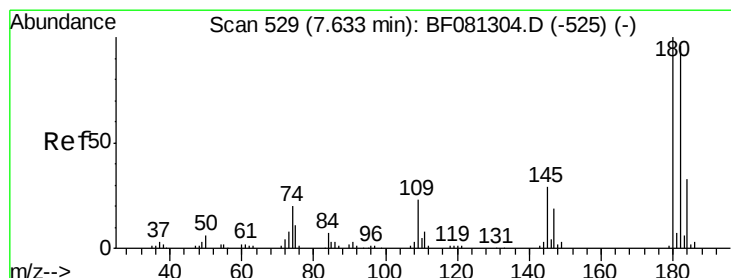
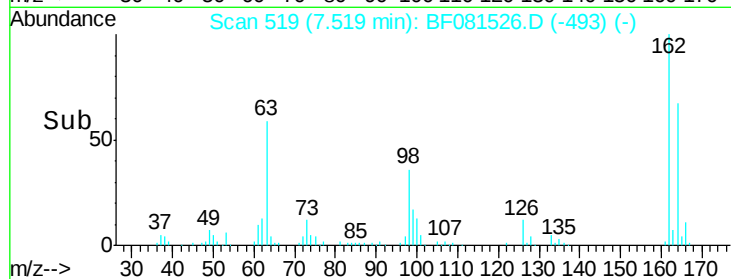
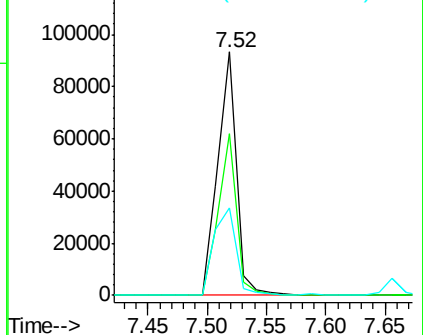
#29
 2,4-Dichlorophenol
 Concen: 39.99 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.9	84.9
98	35.8	13.0	53.0

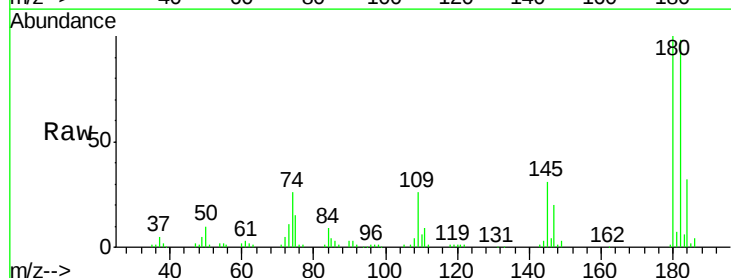


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

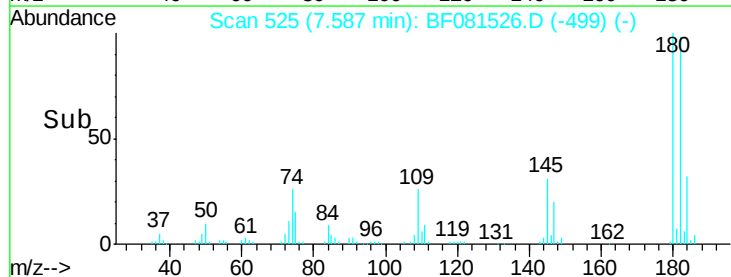
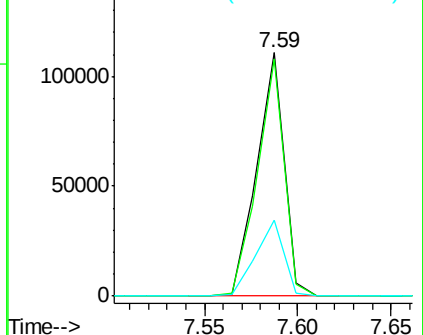


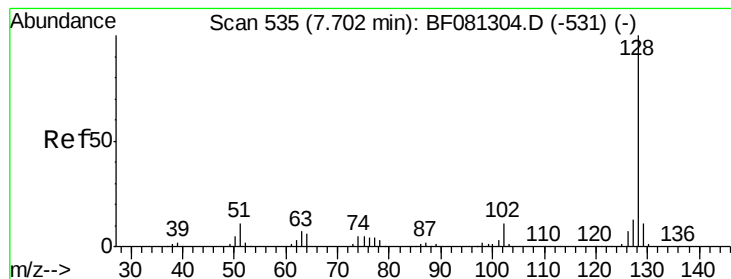
#30
 1,2,4-Trichlorobenzene
 Concen: 40.87 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.1	115.7
145	31.0	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: 37.23 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

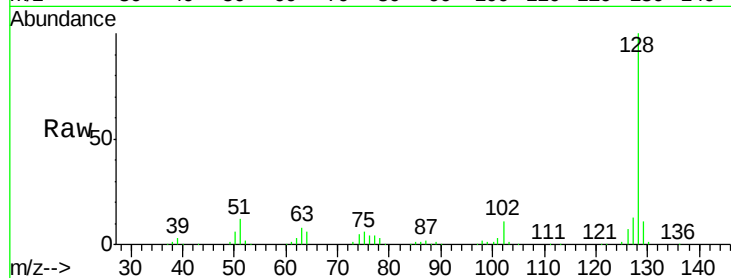
Tot Ion:128 Resp: 356331

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

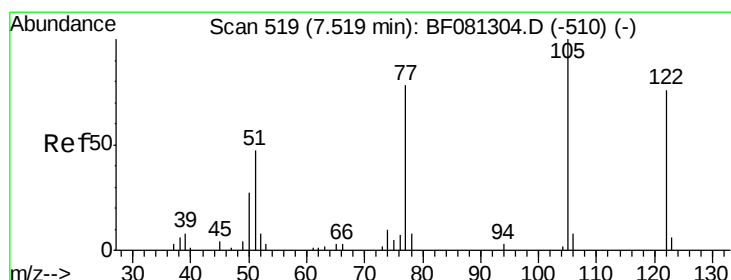
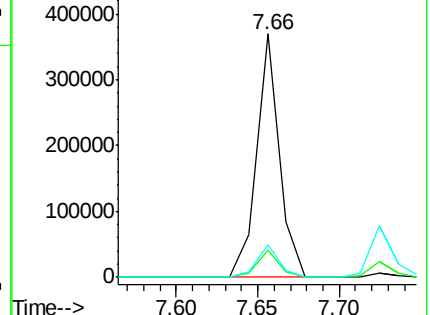
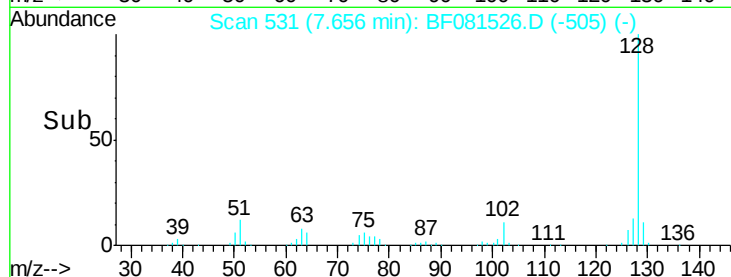
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.54 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

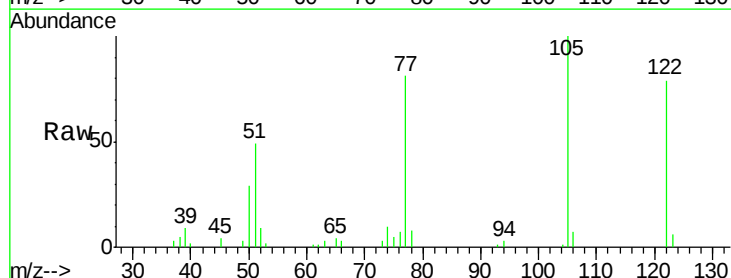
Tgt Ion:122 Resp: 56990

Ion Ratio Lower Upper

122 100

105 126.6 76.1 116.1#

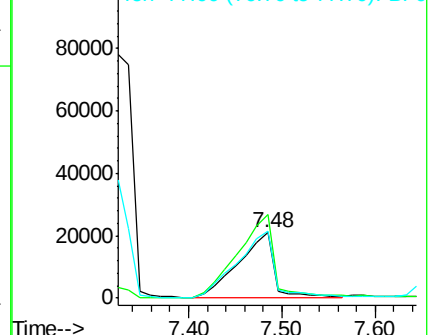
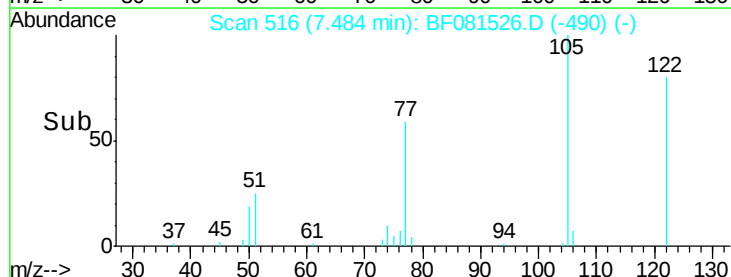
77 102.6 40.5 80.5#

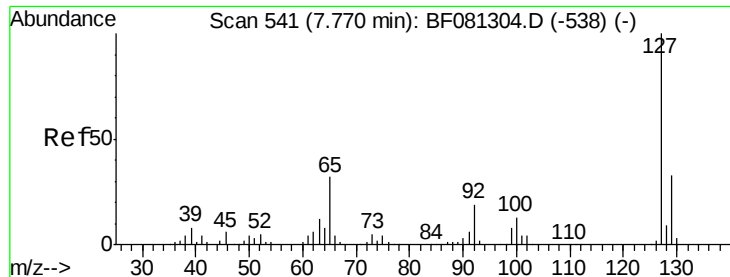


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

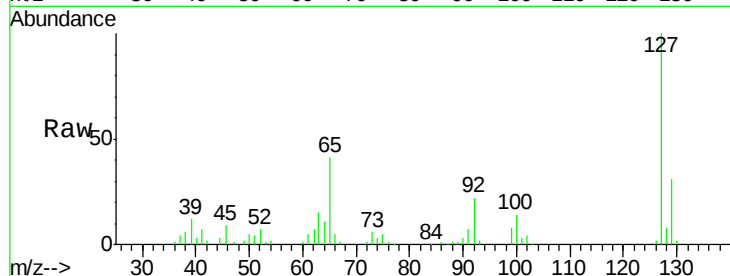




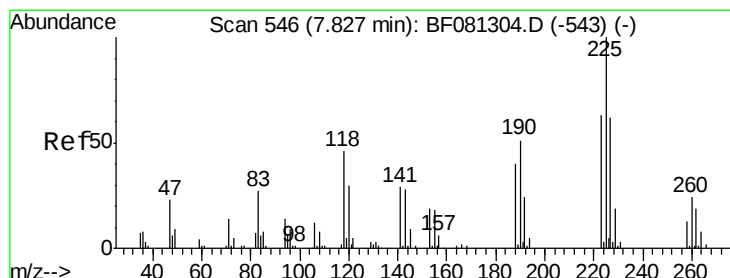
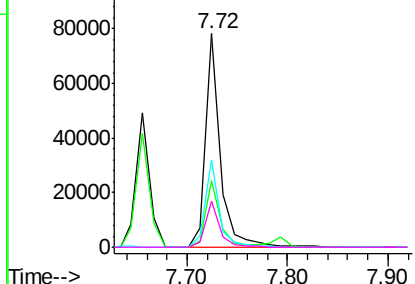
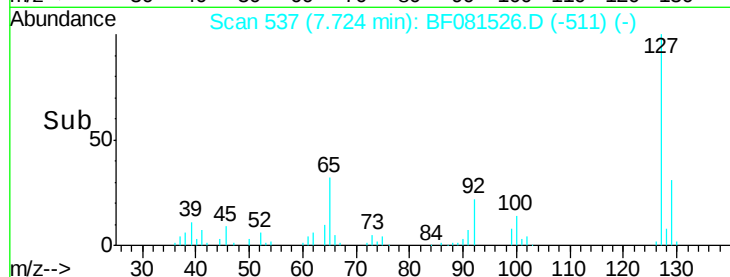
#33
4-Chloroaniline
Concen: 20.46 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	79891
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.8	38.6
65	40.8	17.9	26.9#
92	21.5	10.5	15.7#

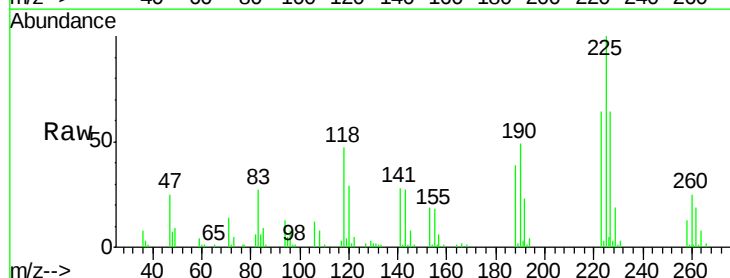


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

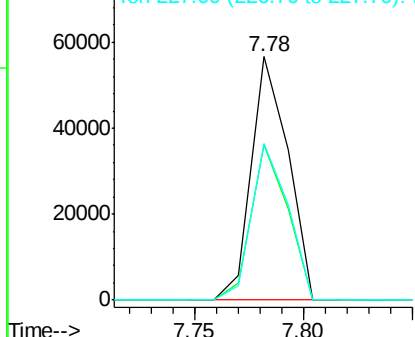
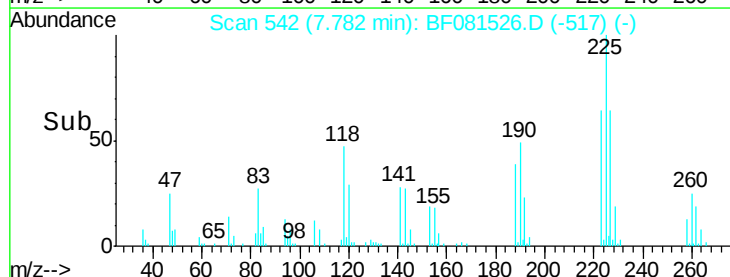


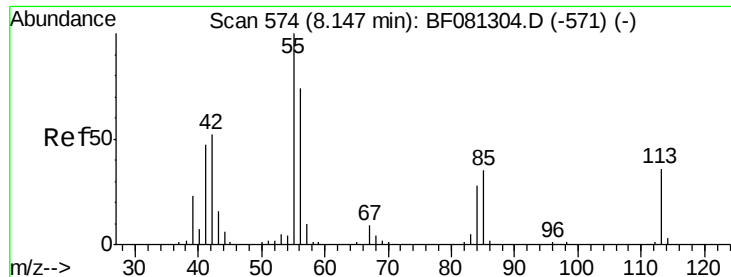
#34
Hexachlorobutadiene
Concen: 40.03 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:	225	Resp:	66742
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	64.4	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: 23.11 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

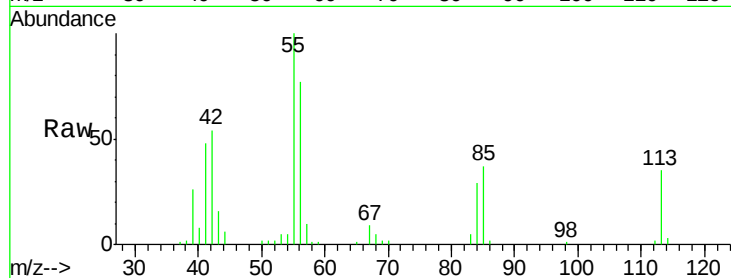
Tot Ion:113 Resp: 17876

Ion Ratio Lower Upper

113 100

55 281.9 152.4 192.4#

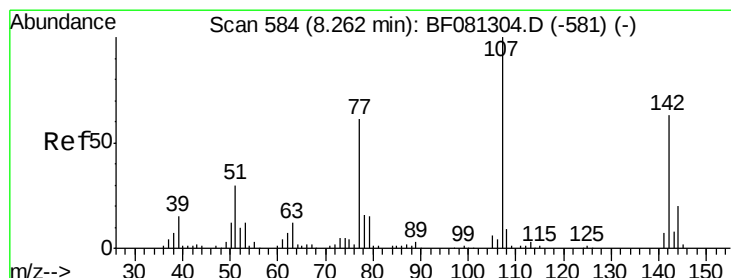
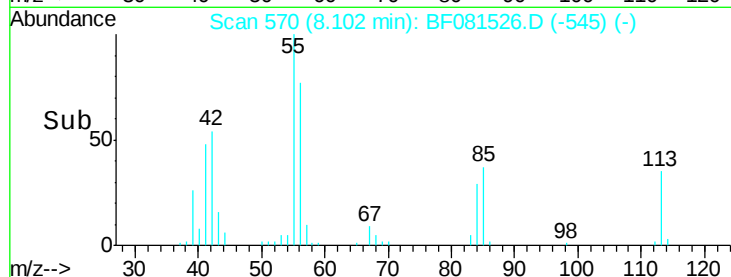
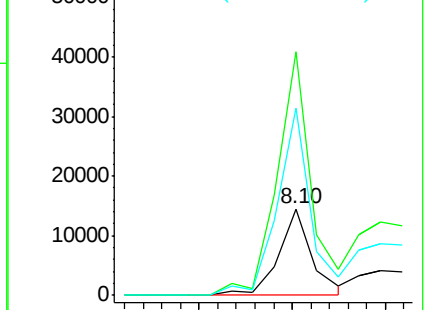
56 216.1 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.63 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

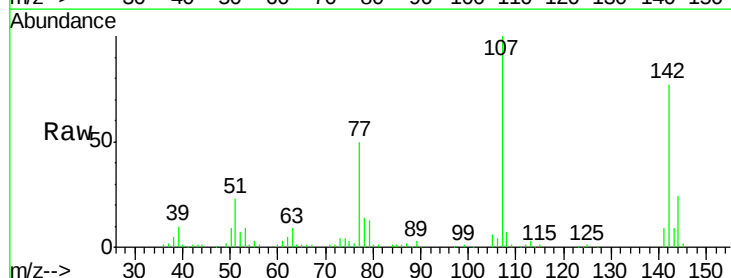
Tgt Ion:107 Resp: 131633

Ion Ratio Lower Upper

107 100

144 24.3 25.4 38.0#

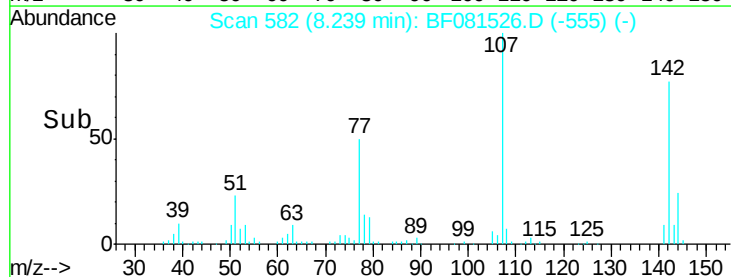
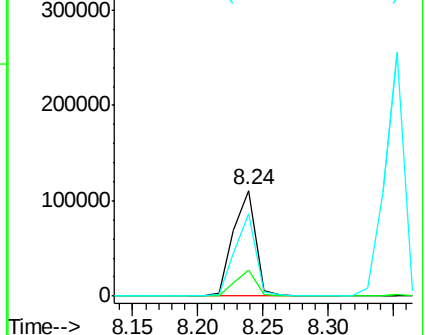
142 77.3 77.3 115.9

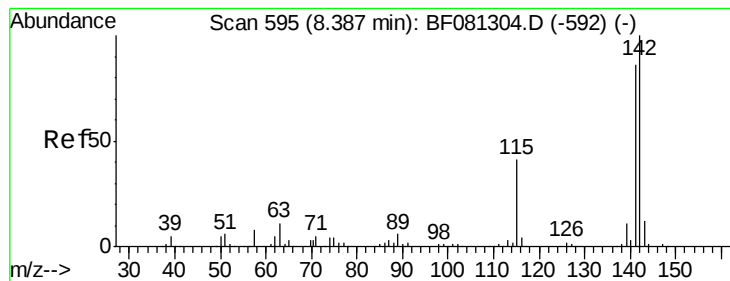


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

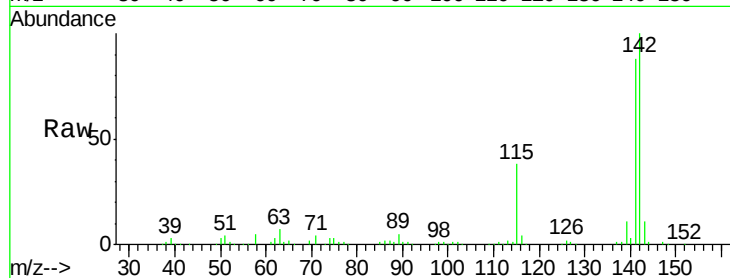




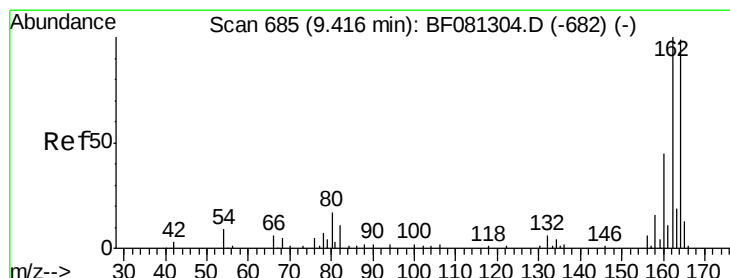
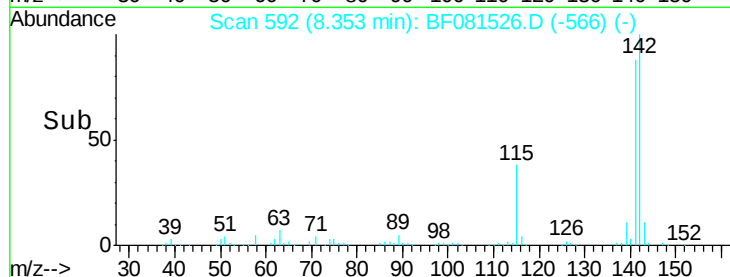
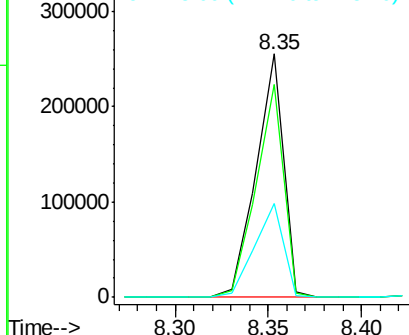
#37
 2-Methylnaphthalene
 Concen: 41.83 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 260549
 Ion Ratio Lower Upper
 142 100
 141 87.6 67.5 101.3
 115 38.4 18.2 27.2#

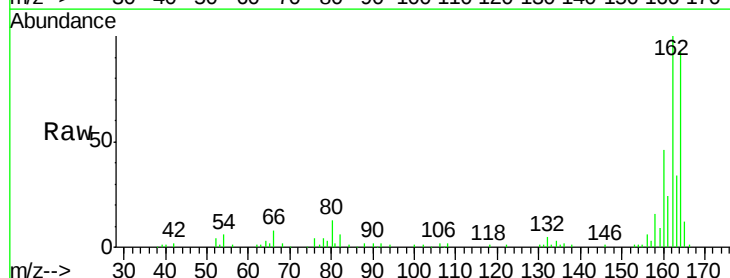


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

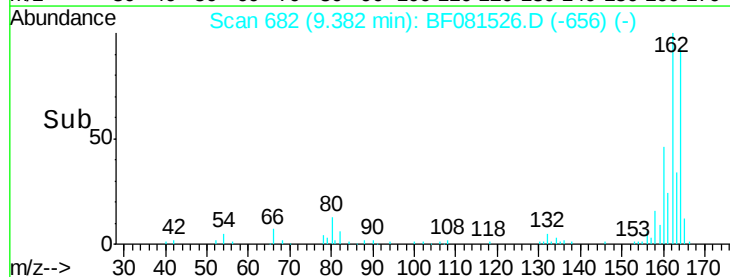
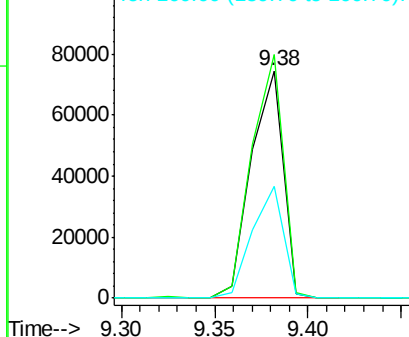


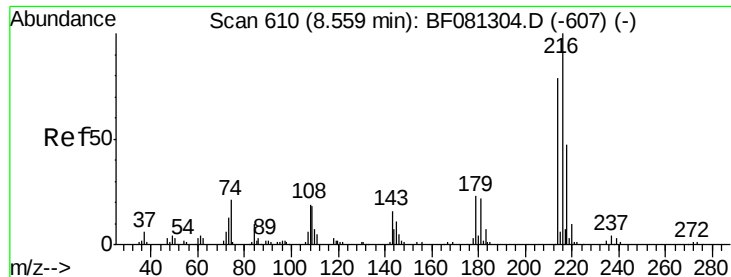
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:164 Resp: 87996
 Ion Ratio Lower Upper
 164 100
 162 107.1 75.2 112.8
 160 48.9 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: 36.29 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 101002

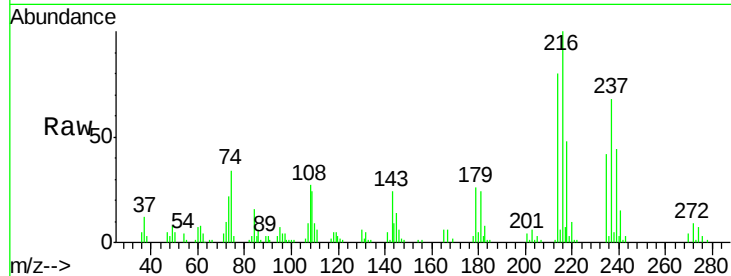
Ion Ratio Lower Upper

216 100

214 78.1 63.5 95.3

179 21.4 16.6 24.8

108 23.2 16.3 24.5

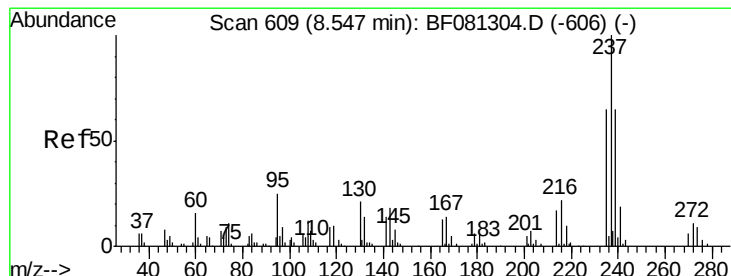
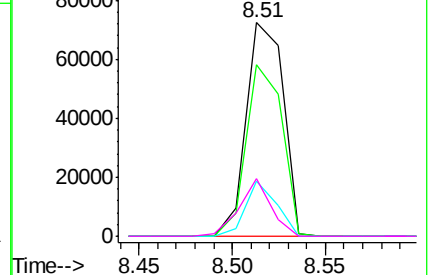
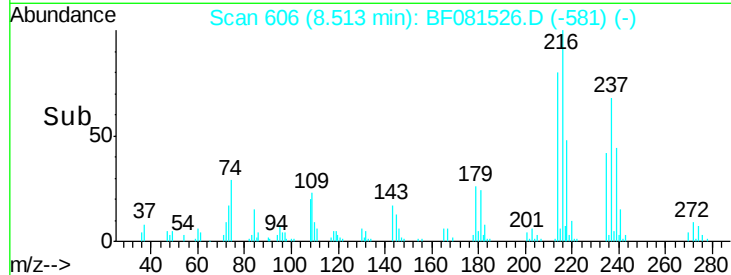


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.07 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

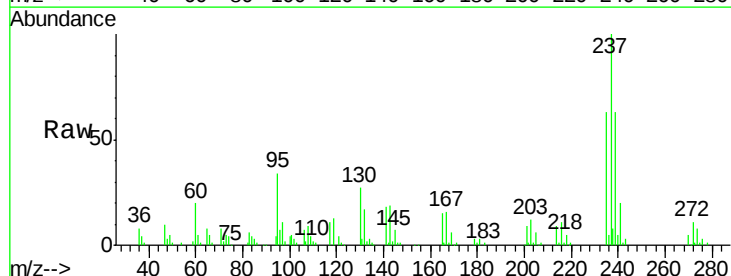
Tgt Ion:237 Resp: 102526

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

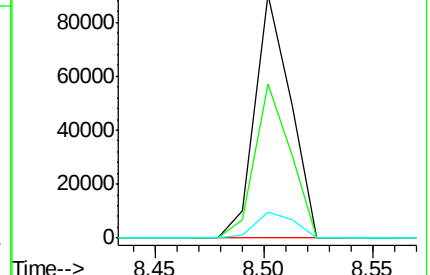
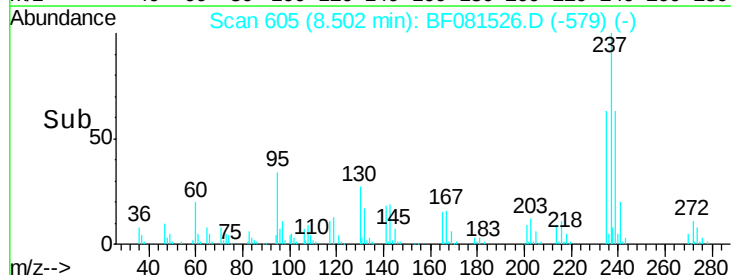
272 10.5 0.0 36.1

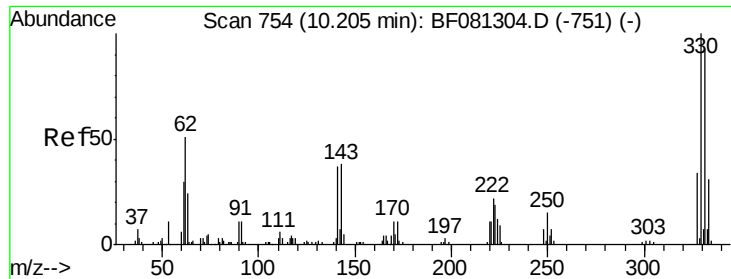


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

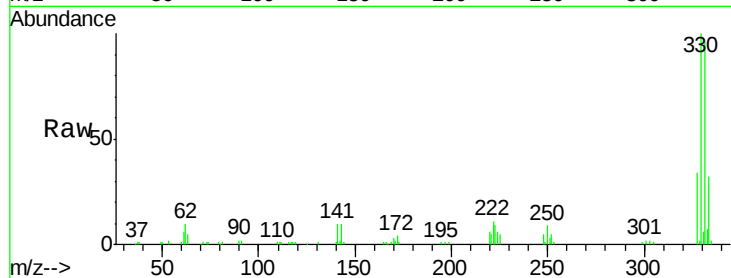




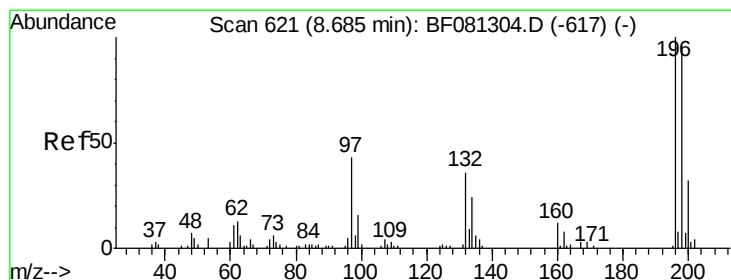
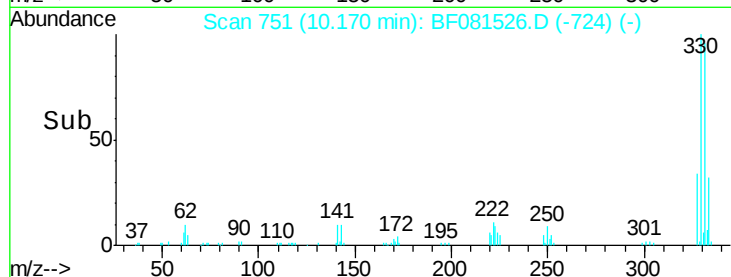
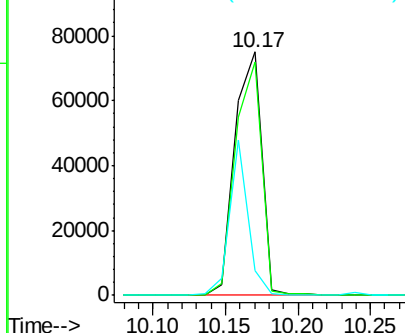
#41
 2,4,6-Tribromophenol
 Concen: 123.38 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96667
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 44.0 29.7 44.5

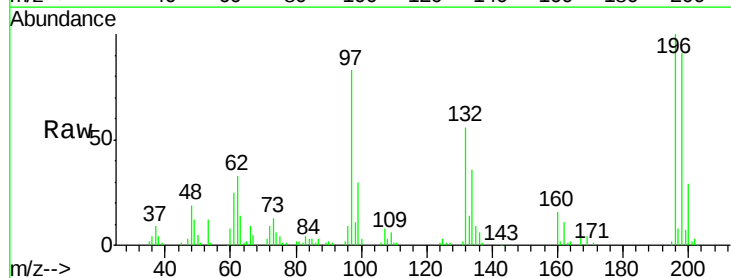


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

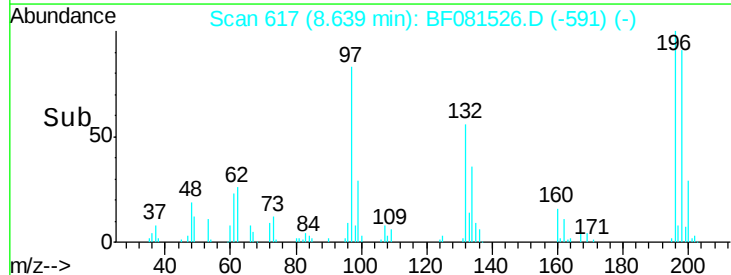
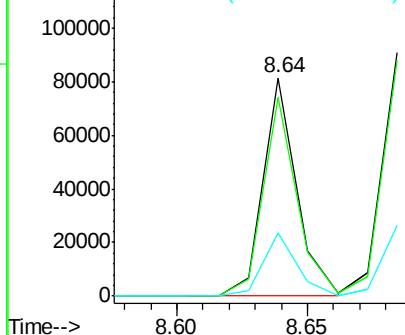


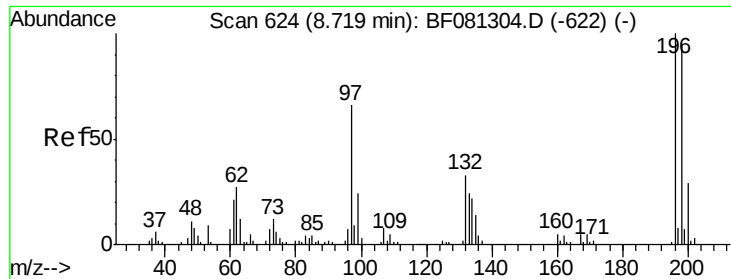
#42
 2,4,6-Trichlorophenol
 Concen: 37.91 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:196 Resp: 72818
 Ion Ratio Lower Upper
 196 100
 198 91.0 75.7 113.5
 200 28.8 23.9 35.9



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

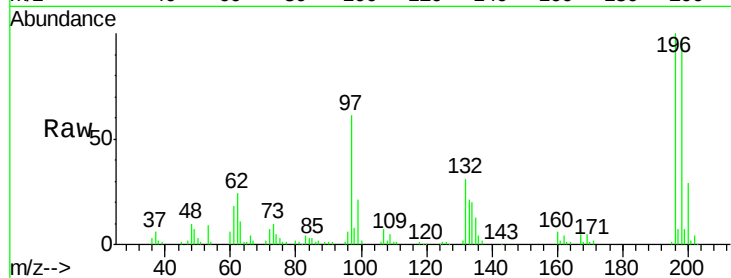




#43
 2,4,5-Trichlorophenol
 Concen: 40.94 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.4	113.0
97	61.0	33.3	49.9
132	30.9	24.6	37.0



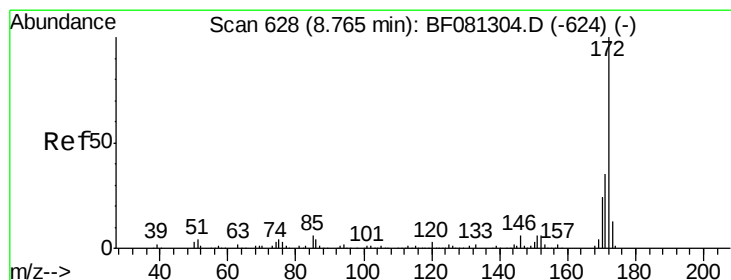
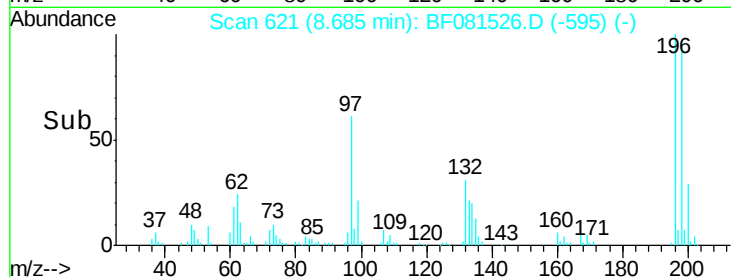
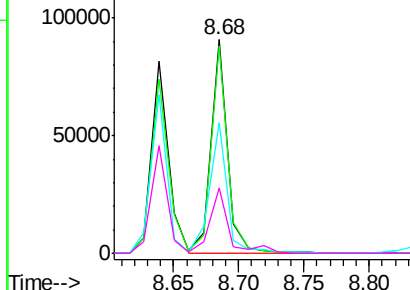
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

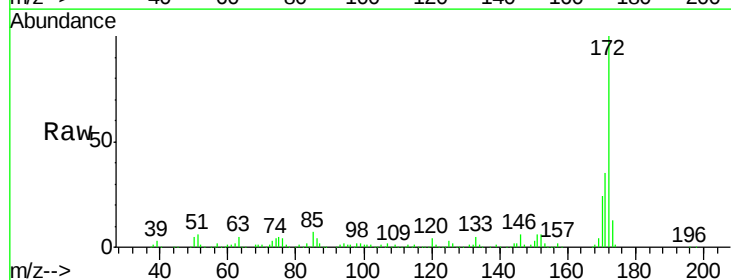
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.23 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.5	17.4	26.2

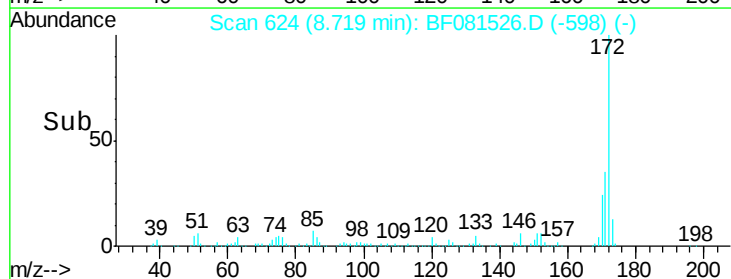
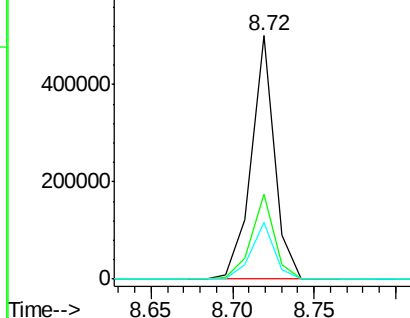


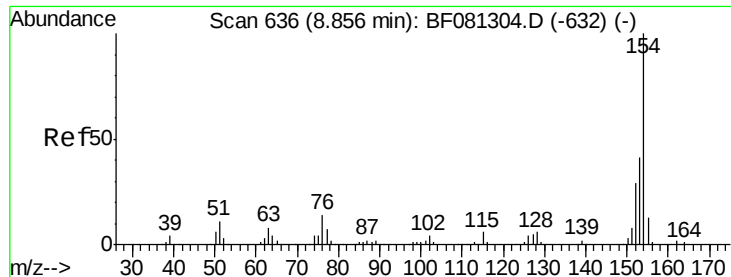
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.42 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

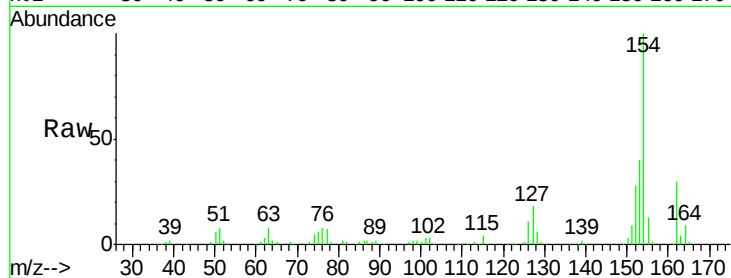
Tot Ion:154 Resp: 294811

Ion Ratio Lower Upper

154 100

153 39.6 17.1 57.1

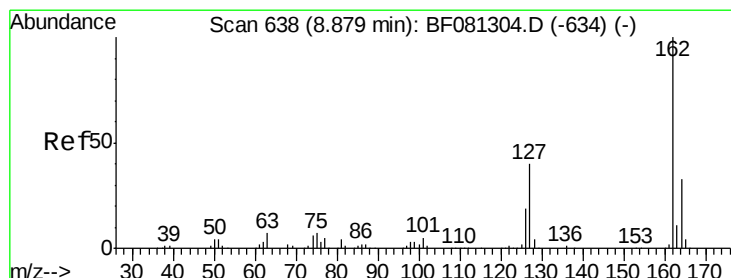
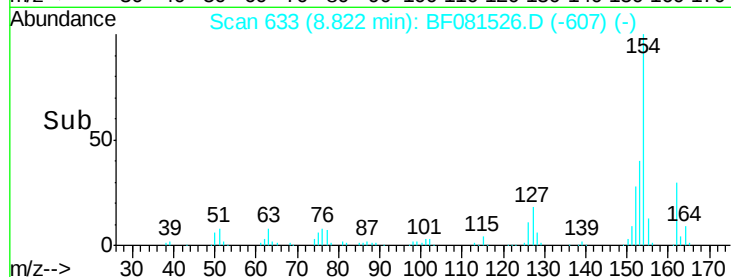
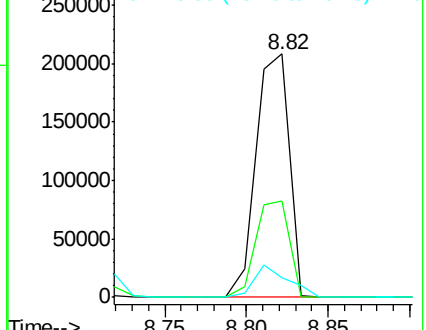
76 8.2 0.0 31.6



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: 39.88 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

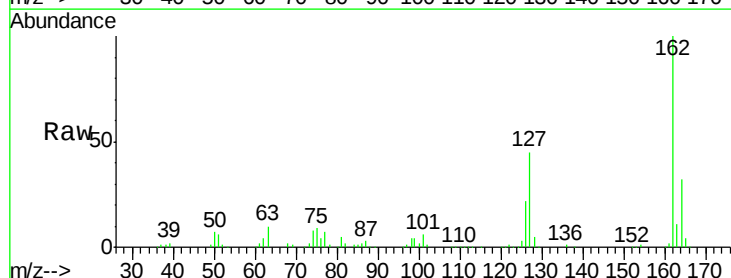
Tgt Ion:162 Resp: 233160

Ion Ratio Lower Upper

162 100

127 44.8 27.6 41.4#

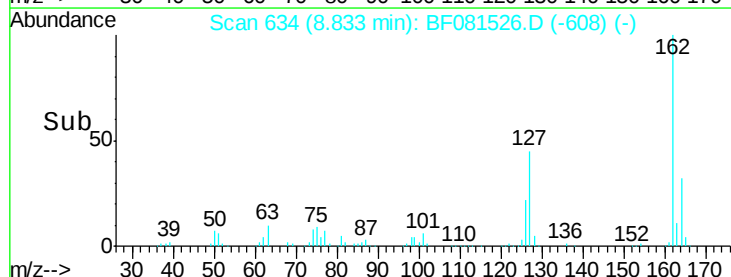
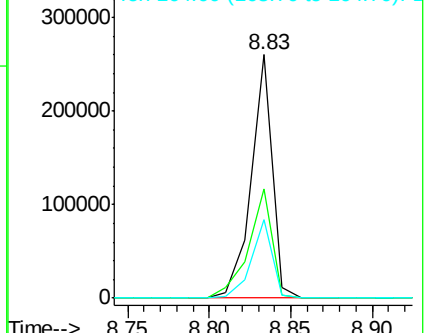
164 32.4 25.4 38.2

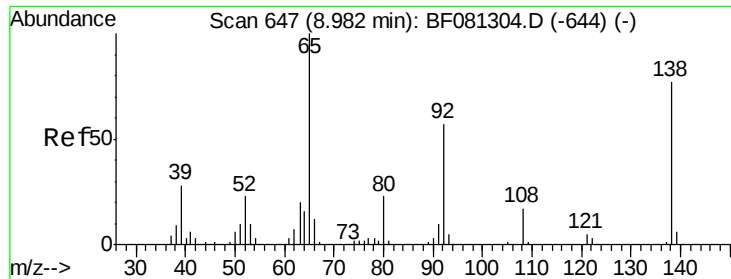


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

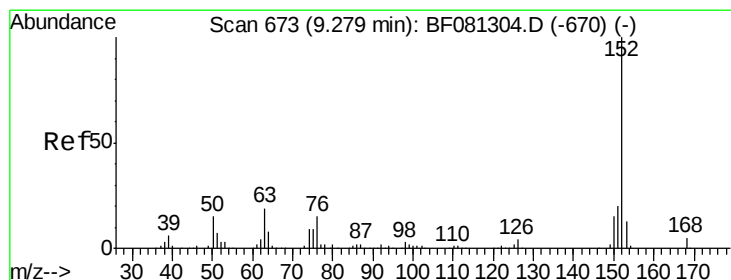
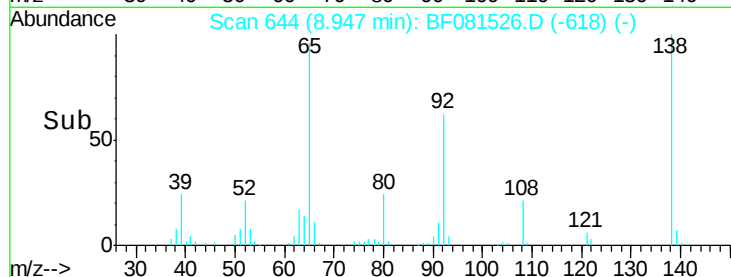
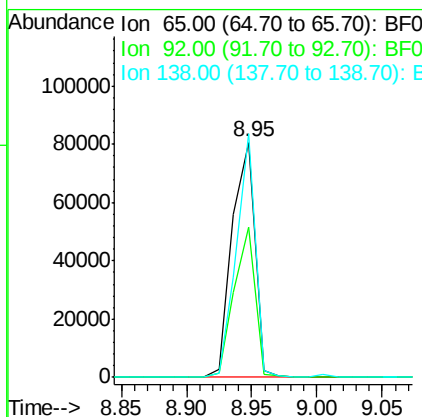
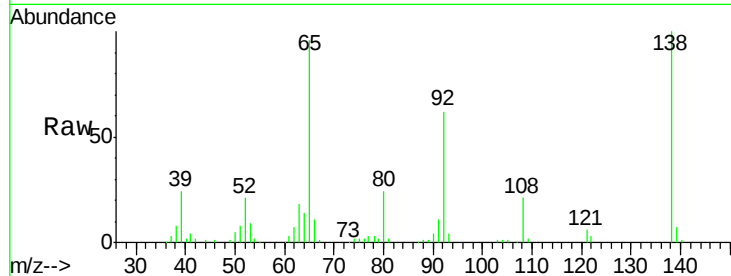




#47
2-Nitroaniline
Concen: 41.16 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

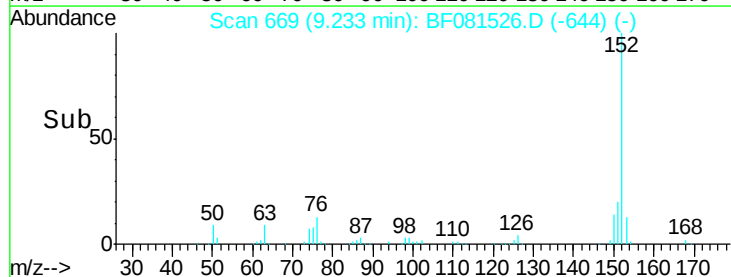
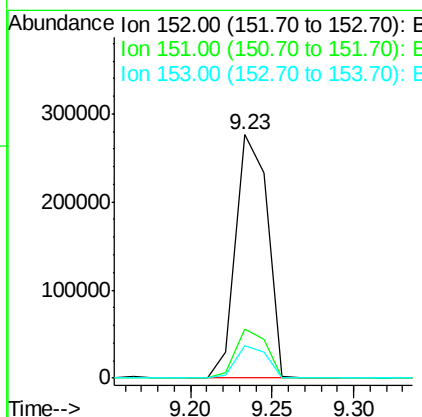
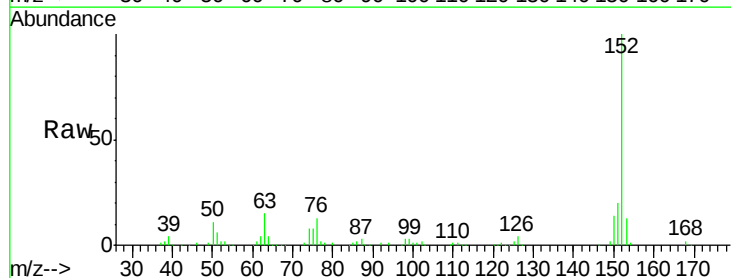
Instrument :
BNA_F
ClientSampleId :

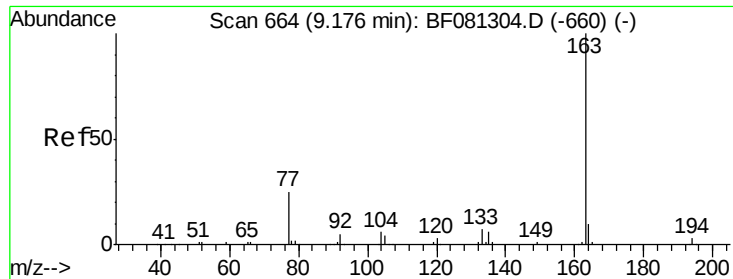
Tot Ion: 65 Resp: 98081
Ion Ratio Lower Upper
65 100
92 64.2 55.4 83.0
138 103.8 115.5 173.3#



#48
Acenaphthylene
Concen: 35.82 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion: 152 Resp: 371538
Ion Ratio Lower Upper
152 100
151 20.0 14.6 22.0
153 13.4 10.3 15.5

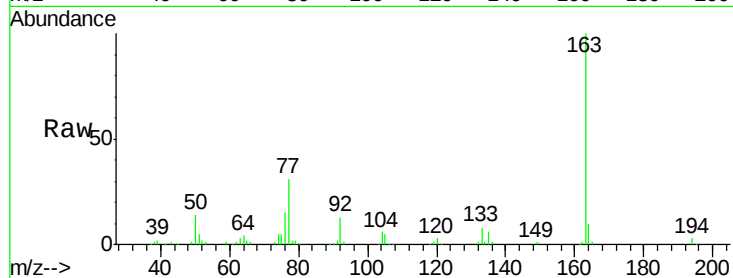




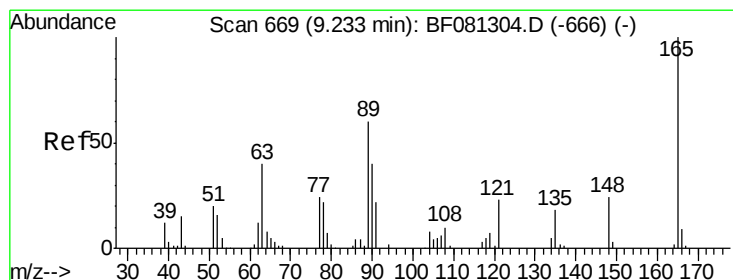
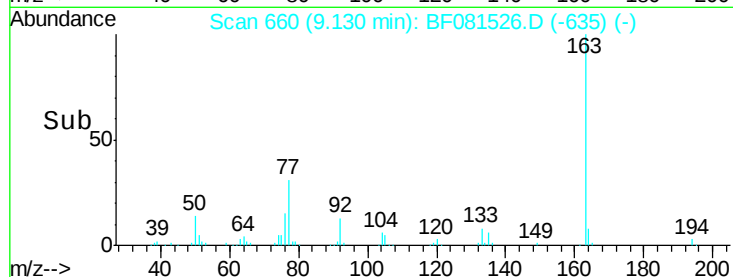
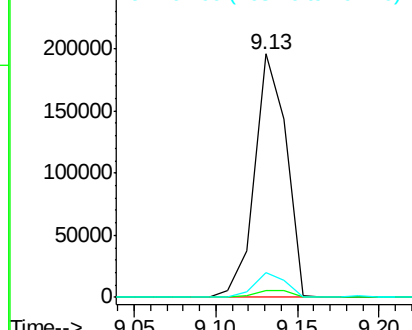
#49
Dimethylphthalate
Concen: 38.46 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 262957
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.1 8.3 12.5

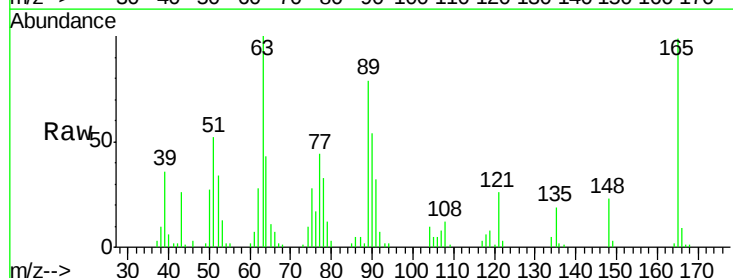


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

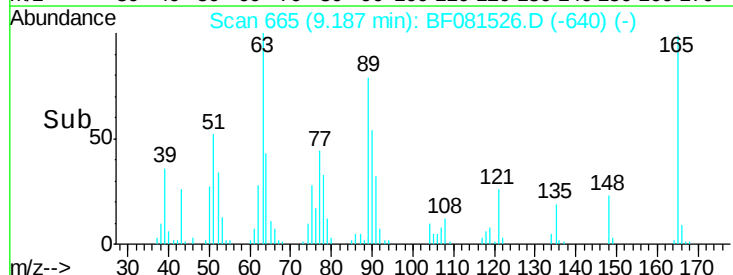
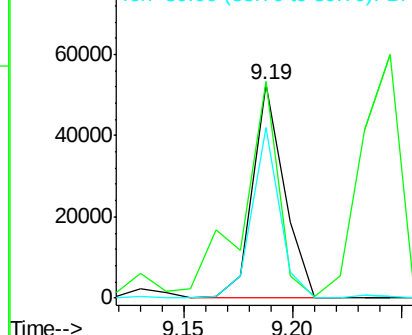


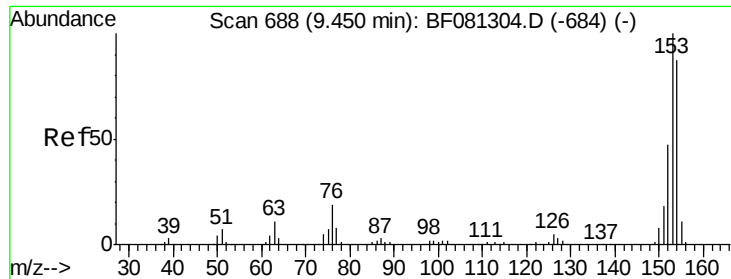
#50
2,6-Dinitrotoluene
Concen: 34.12 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:165 Resp: 52949
Ion Ratio Lower Upper
165 100
63 101.2 32.3 48.5#
89 80.0 28.6 43.0#



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





#51

Acenaphthene

Concen: 36.28 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampled :

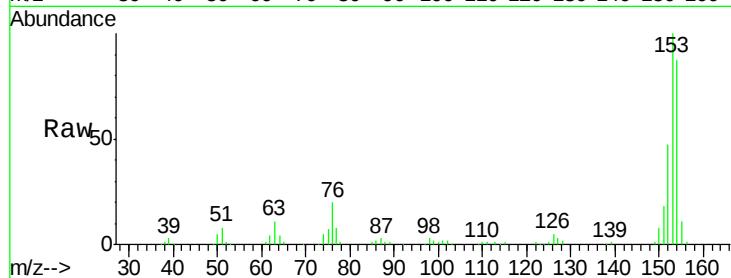
Tot Ion:154 Resp: 214049

Ion Ratio Lower Upper

154 100

153 114.8 82.1 123.1

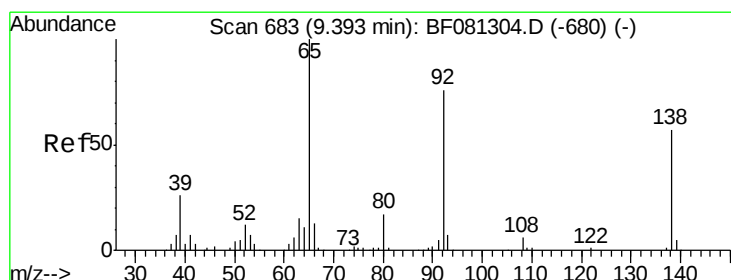
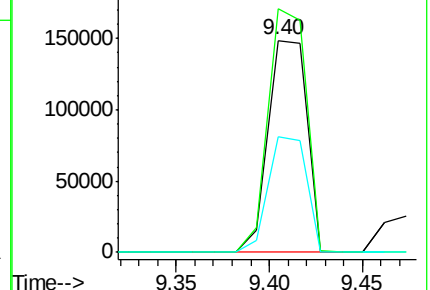
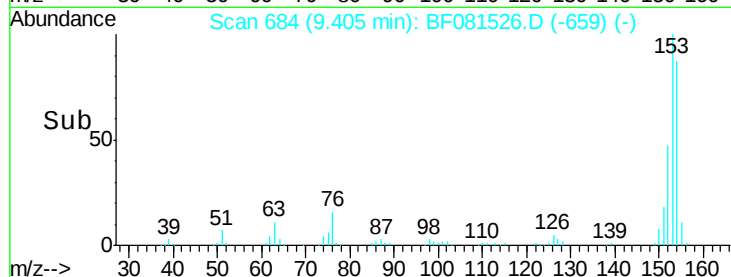
152 54.5 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.15 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

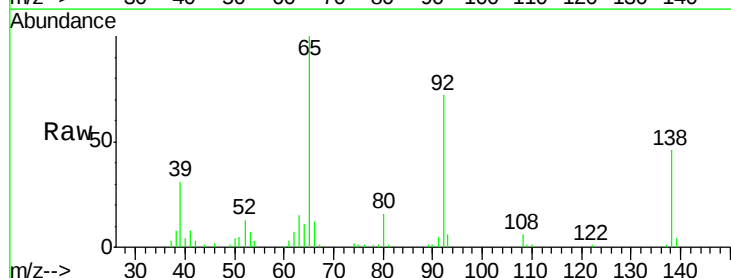
Tgt Ion:138 Resp: 37371

Ion Ratio Lower Upper

138 100

108 12.6 5.7 8.5#

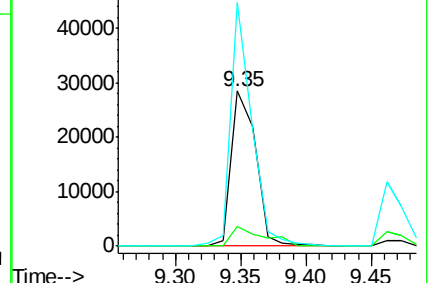
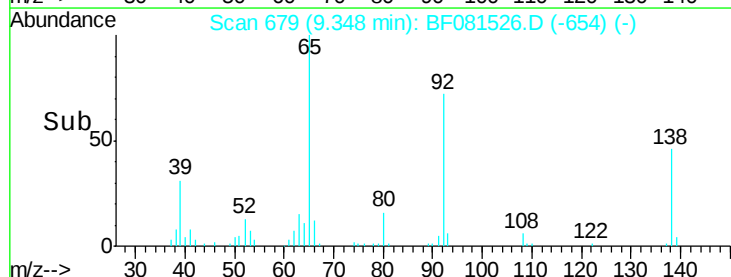
92 156.9 67.7 101.5#

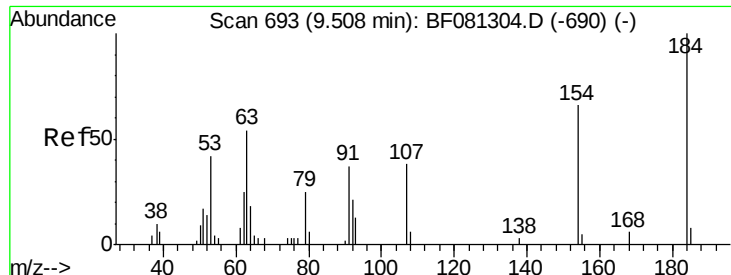


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

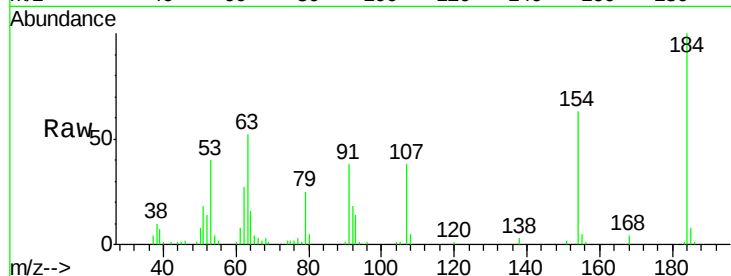




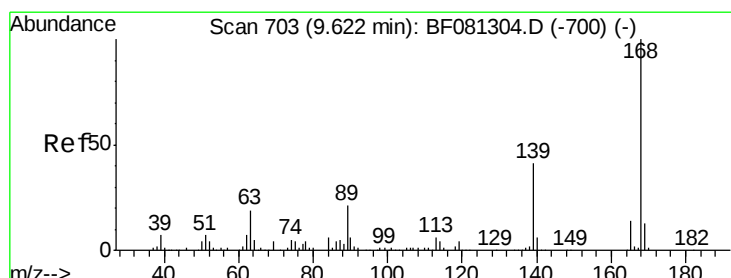
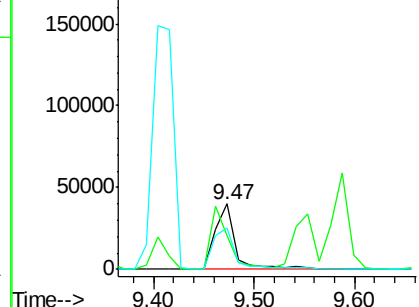
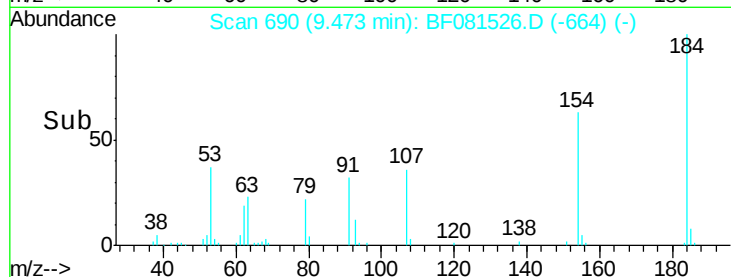
#53
 2,4-Dinitrophenol
 Concen: 85.17 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 55667
 Ion Ratio Lower Upper
 184 100
 63 52.2 35.4 53.2
 154 63.5 32.2 48.4#

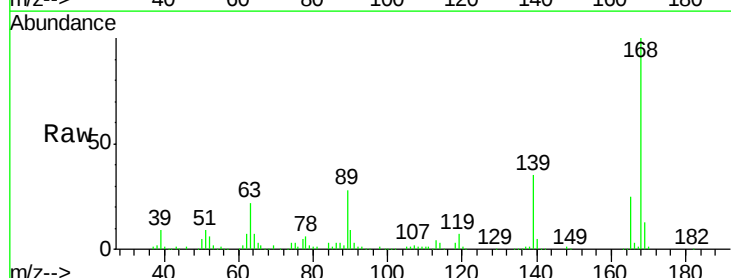


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

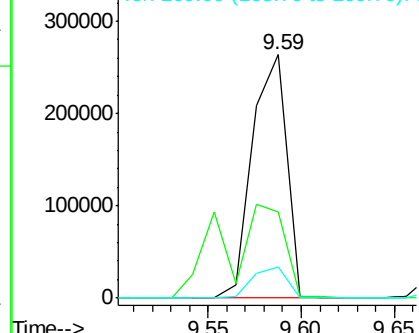
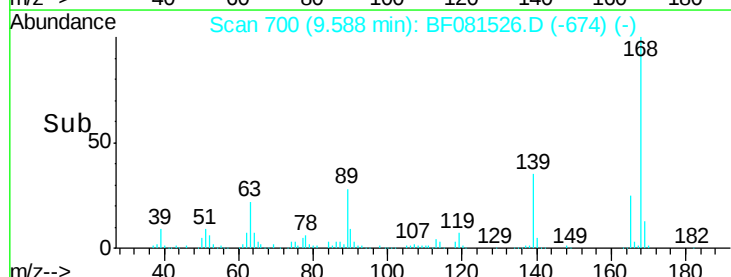


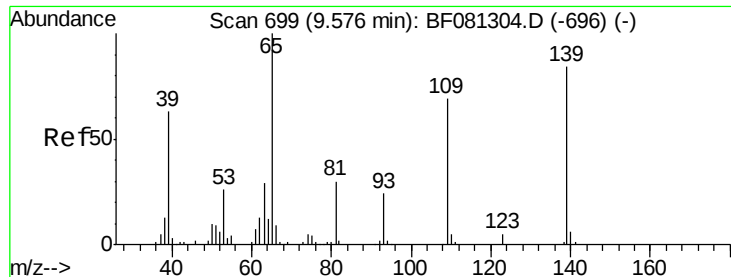
#54
 Dibenzofuran
 Concen: 38.86 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:168 Resp: 334794
 Ion Ratio Lower Upper
 168 100
 139 35.4 24.2 36.2
 169 12.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

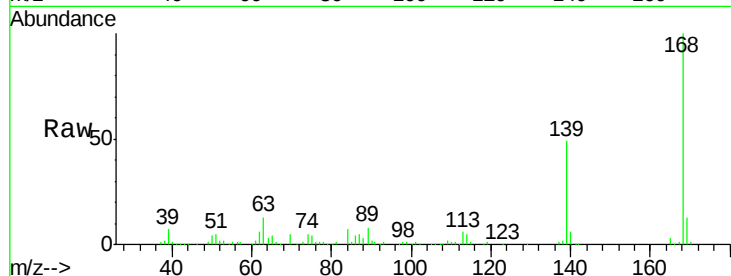




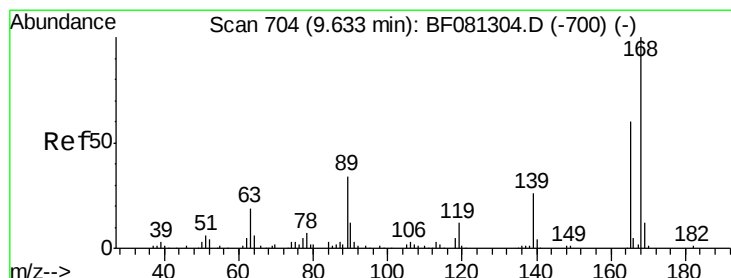
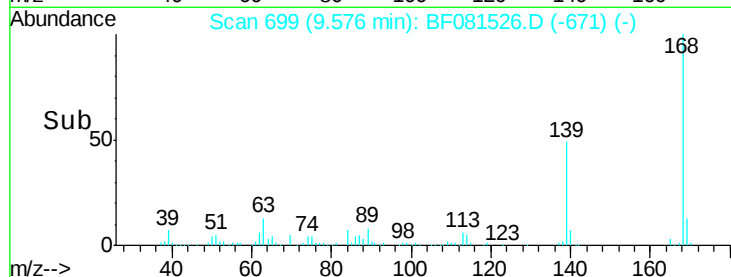
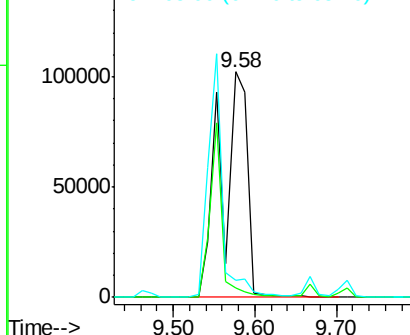
#55
4-Nitrophenol
Concen: 207.79 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	4.2	12.7	52.7#
65	7.4	45.9	85.9#



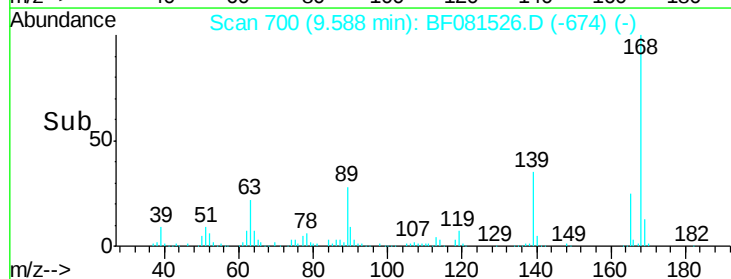
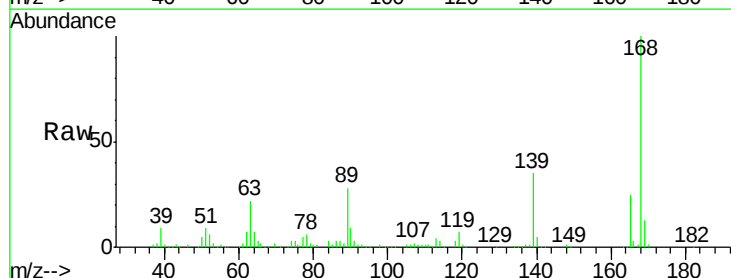
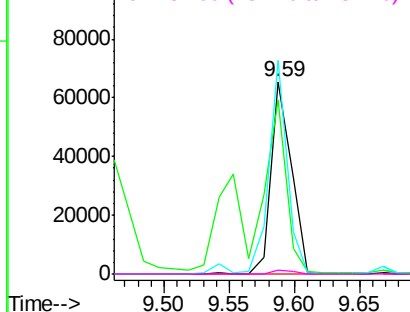
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

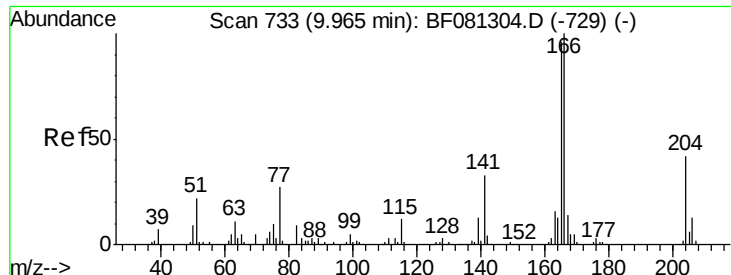


#56
2,4-Dinitrotoluene
Concen: 36.48 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	90.6	29.8	44.6#
89	111.2	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

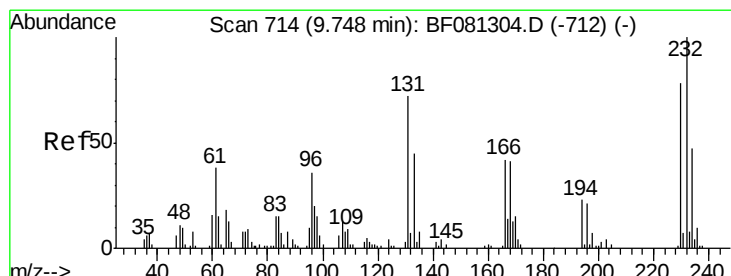
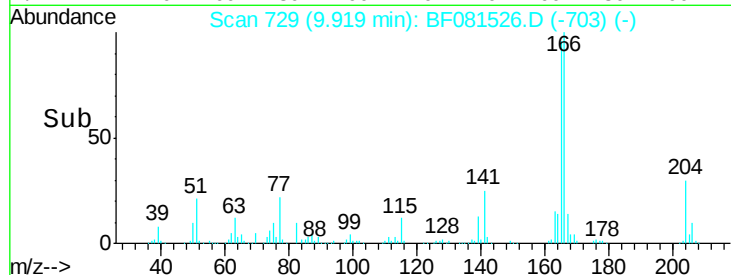
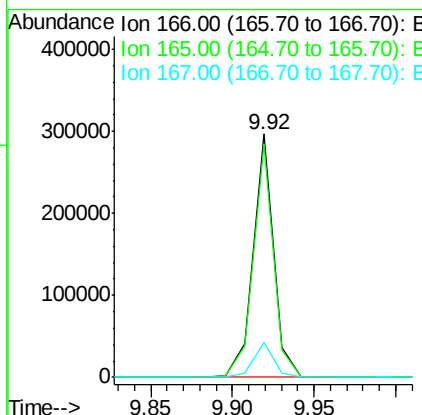
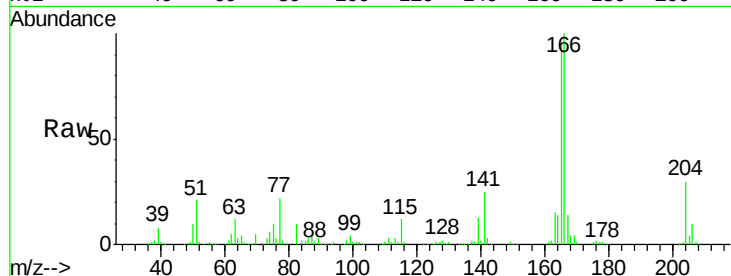




#57
 Fluorene
 Concen: 39.43 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

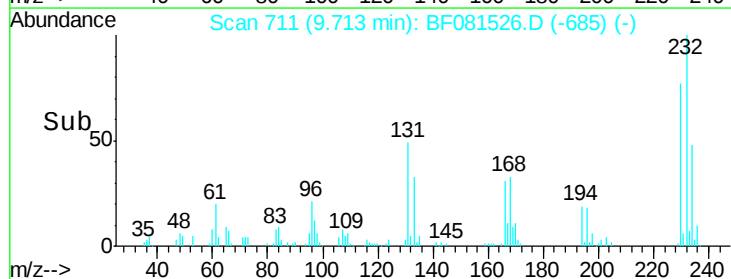
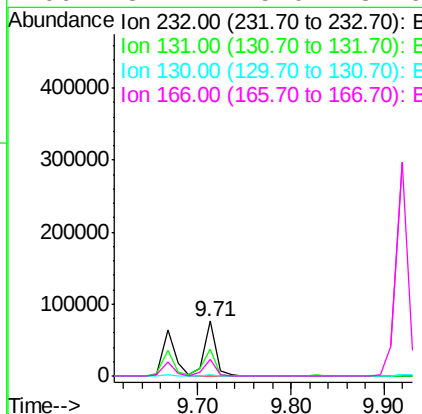
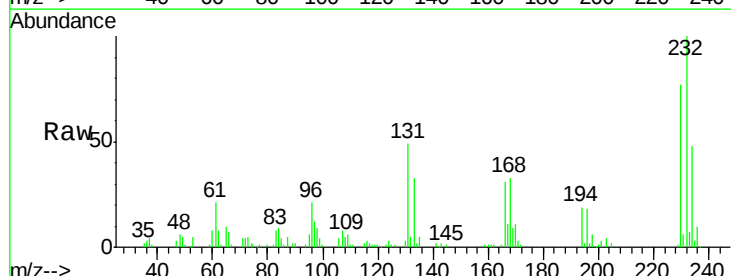
Instrument :
 BNA_F
 ClientSampleId :

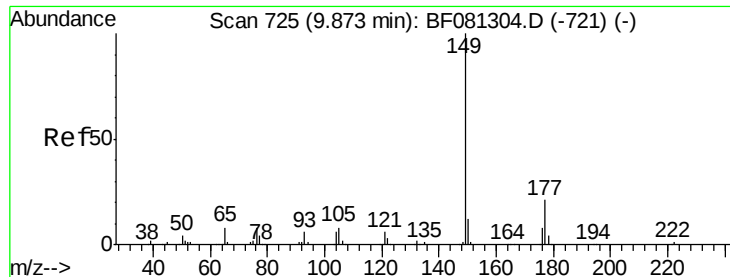
Tot Ion:166 Resp: 257770
 Ion Ratio Lower Upper
 166 100
 165 95.9 72.6 109.0
 167 14.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.34 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:232 Resp: 67828
 Ion Ratio Lower Upper
 232 100
 131 53.1 38.5 57.7
 130 2.5 1.8 2.6
 166 31.7 25.0 37.6

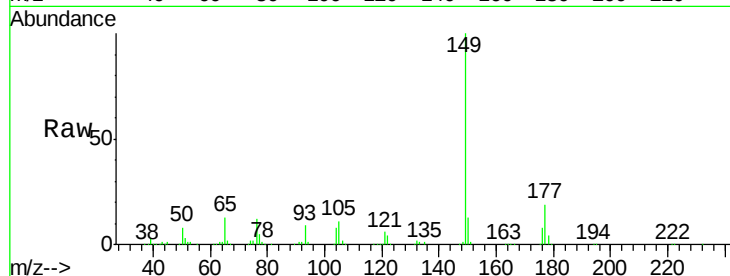




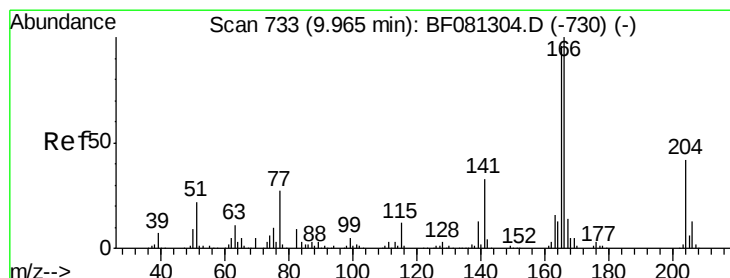
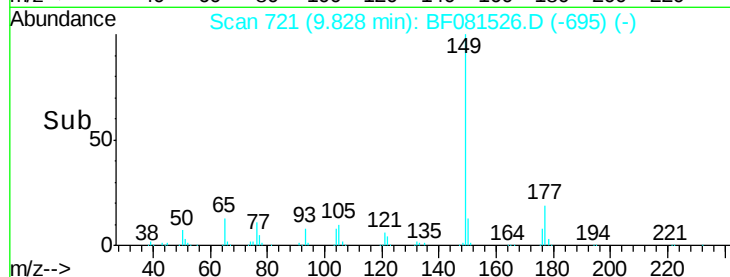
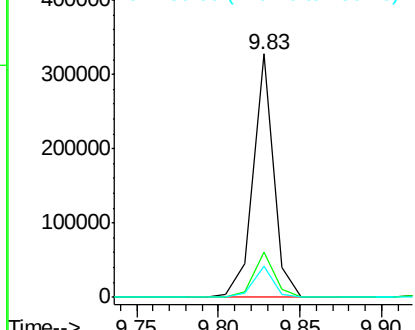
#59
Diethylphthalate
Concen: 39.87 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 286723
Ion Ratio Lower Upper
149 100
177 18.7 17.5 26.3
150 12.8 9.4 14.2

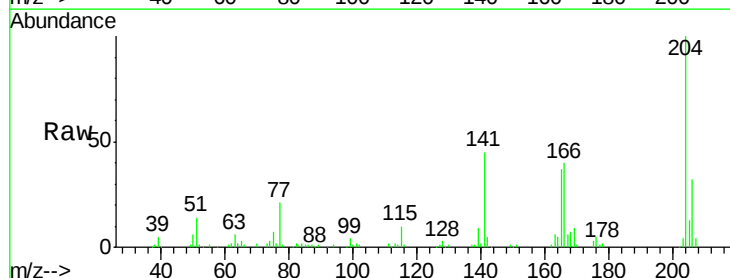


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

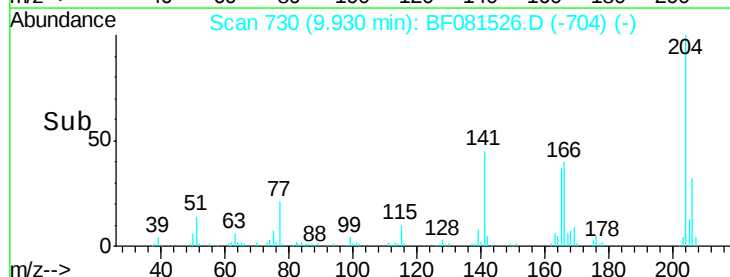
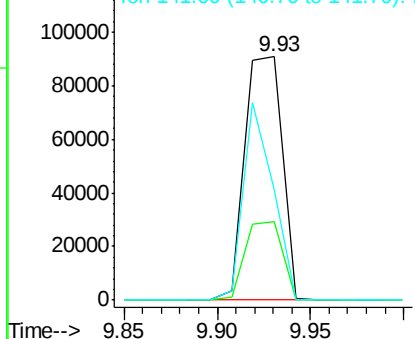


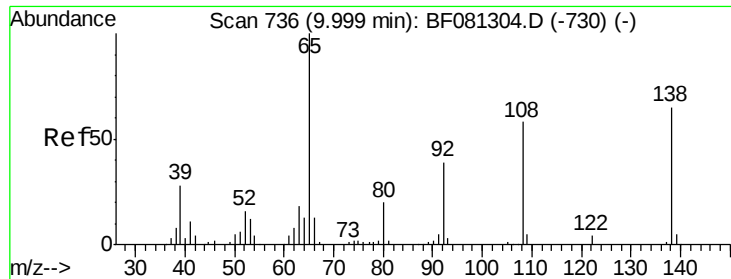
#60
4-Chlorophenyl-phenylether
Concen: 41.59 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:204 Resp: 126740
Ion Ratio Lower Upper
204 100
206 32.3 24.8 37.2
141 45.4 42.2 63.4



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





#61

4-Nitroaniline

Concen: 36.50 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

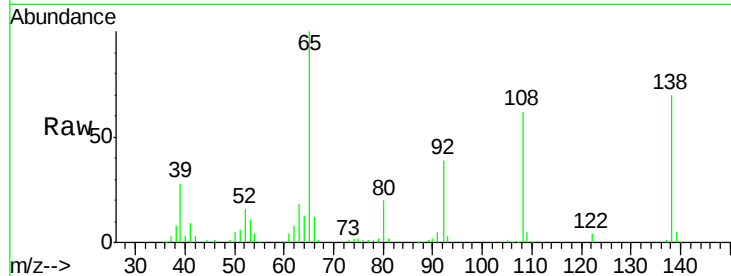
Tot Ion:138 Resp: 65146

Ion Ratio Lower Upper

138 100

92 56.5 12.6 52.6#

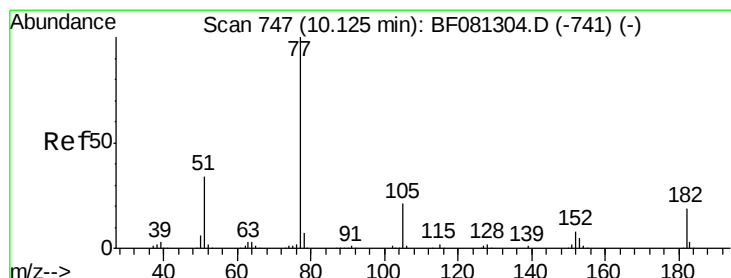
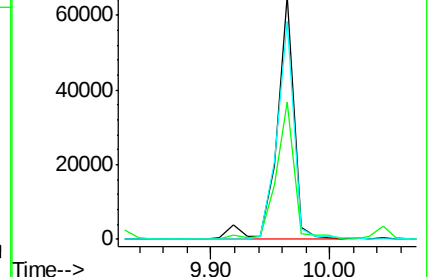
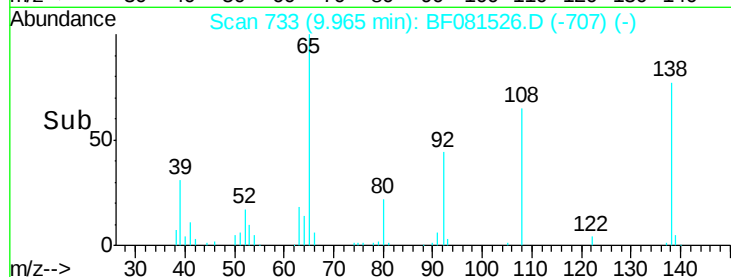
108 89.4 12.4 52.4#



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: 39.86 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Tgt Ion: 77 Resp: 318670

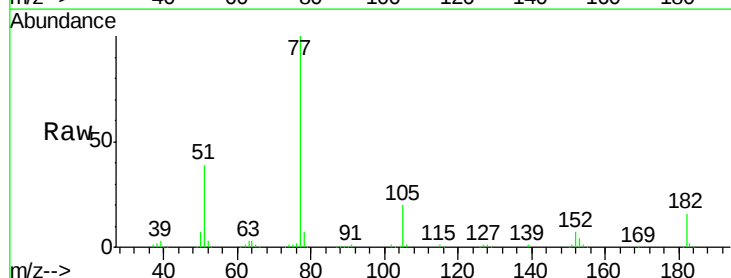
Ion Ratio Lower Upper

77 100

182 15.9 15.1 55.1

105 19.6 3.4 43.4

51 38.8 12.0 52.0

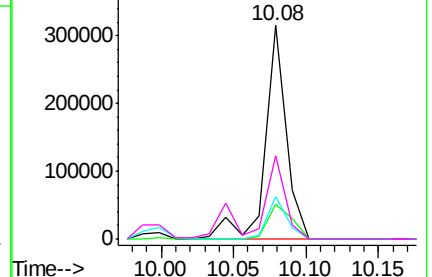
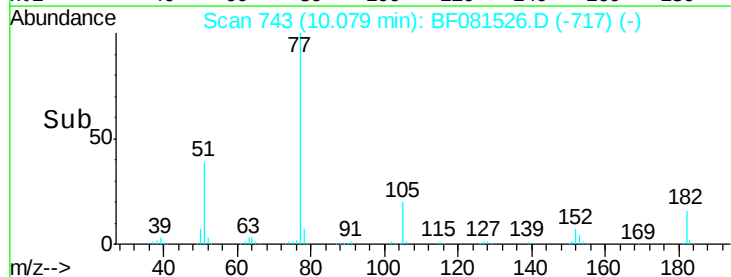


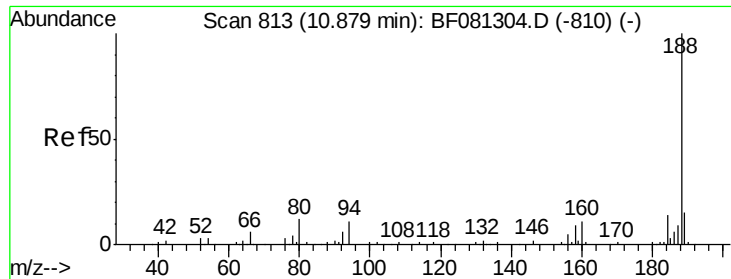
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

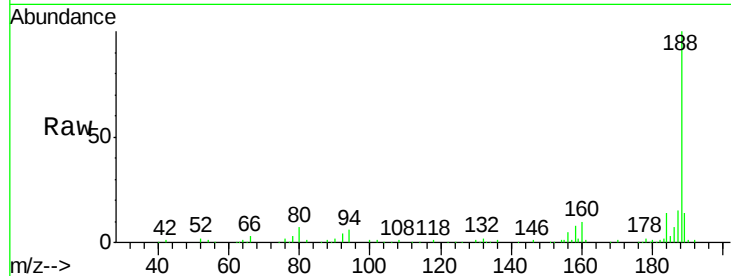




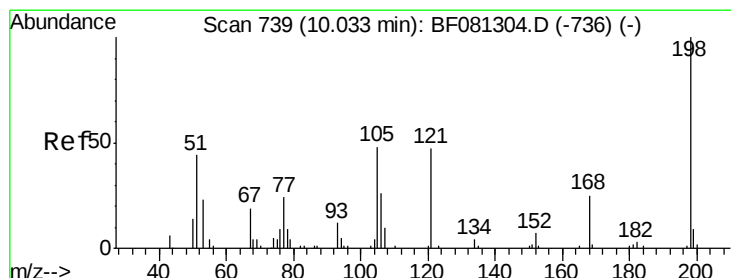
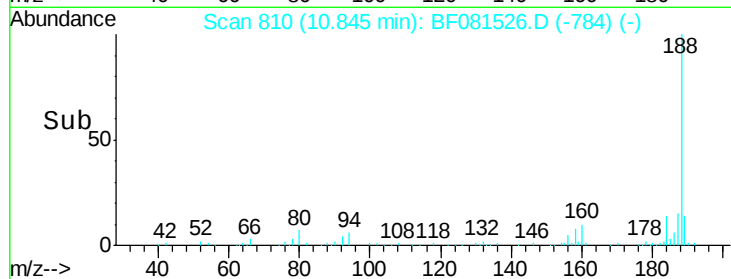
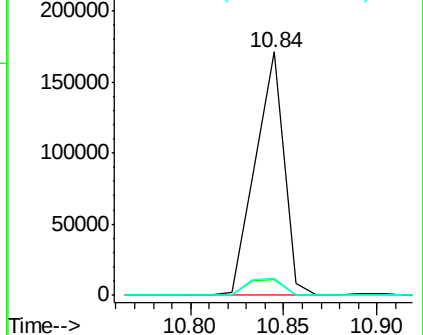
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 181371
Ion Ratio Lower Upper
188 100
94 6.3 11.1 16.7#
80 7.1 11.0 16.4#

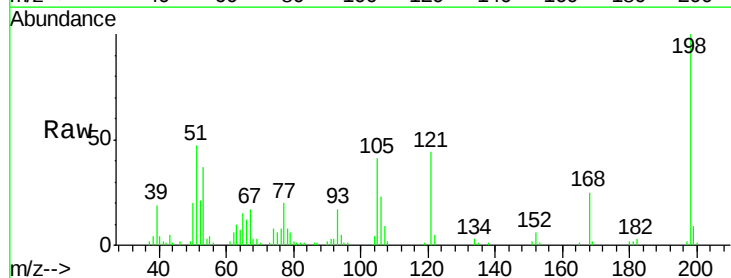


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

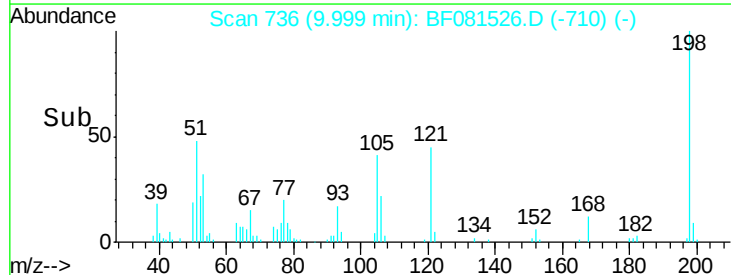
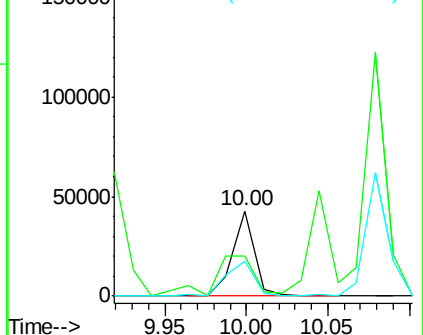


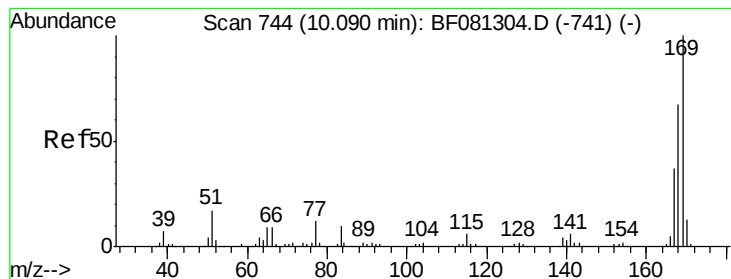
#64
4,6-Dinitro-2-methylphenol
Concen: 38.81 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:198 Resp: 39374
Ion Ratio Lower Upper
198 100
51 46.9 39.6 79.6
105 40.8 28.5 68.5



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

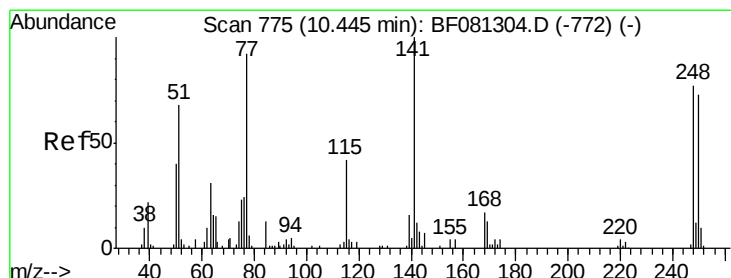
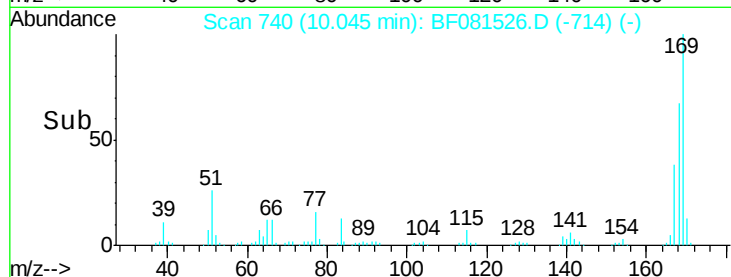
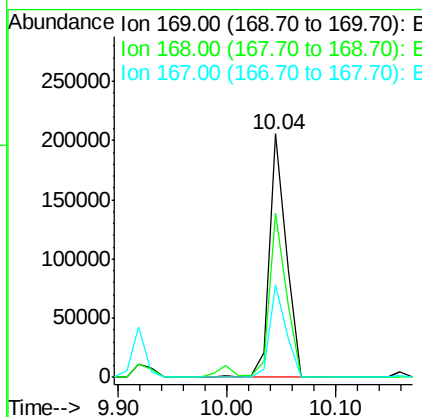
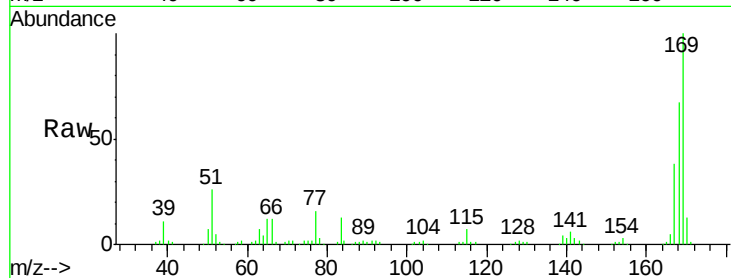




#65
 n-Nitrosodiphenylamine
 Concen: 33.42 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

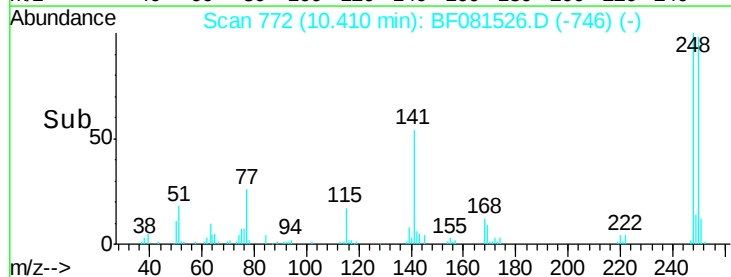
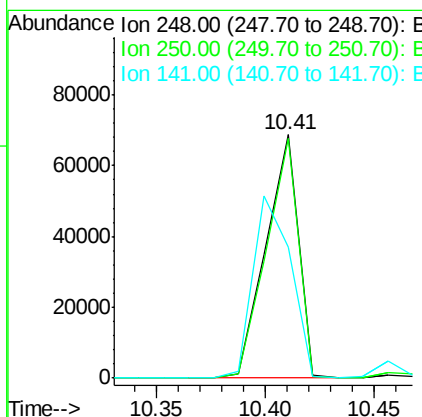
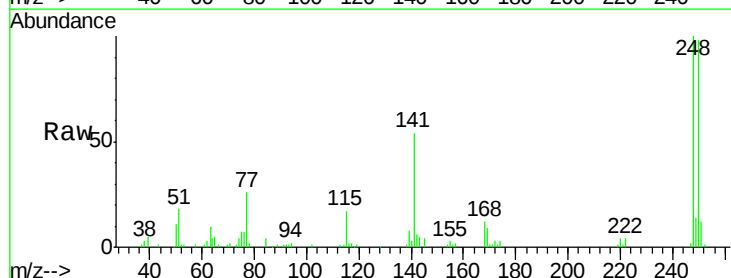
Instrument :
 BNA_F
 ClientSampleID :

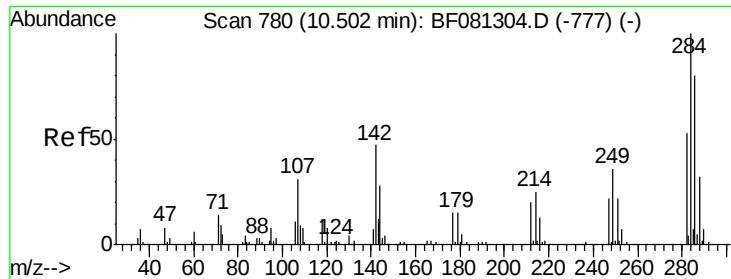
Tot Ion:169 Resp: 220550
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 37.9 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 39.54 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:248 Resp: 72510
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.5 117.7
 141 53.8 59.0 88.6#

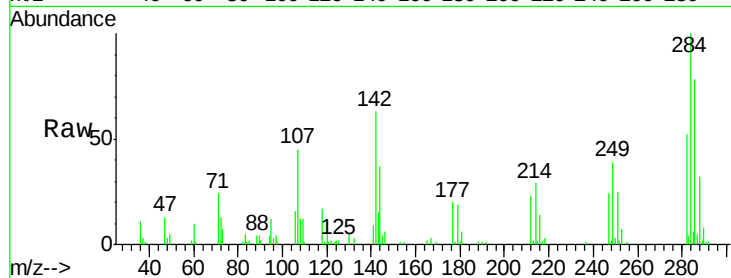




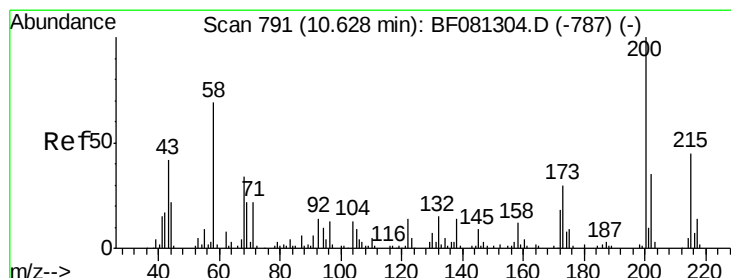
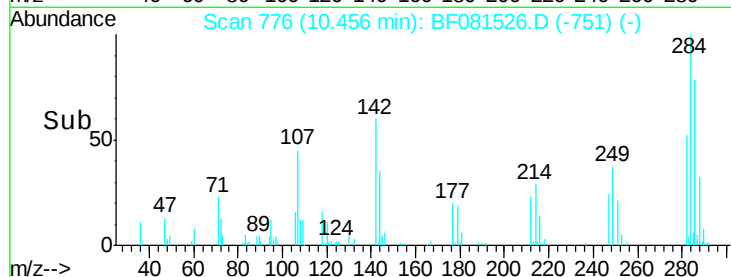
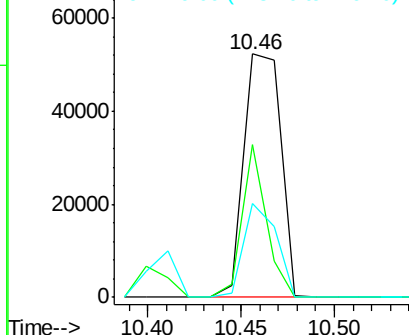
#67
Hexachlorobenzene
Concen: 38.01 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 72883
Ion Ratio Lower Upper
284 100
142 62.5 29.5 44.3#
249 38.8 19.5 29.3#

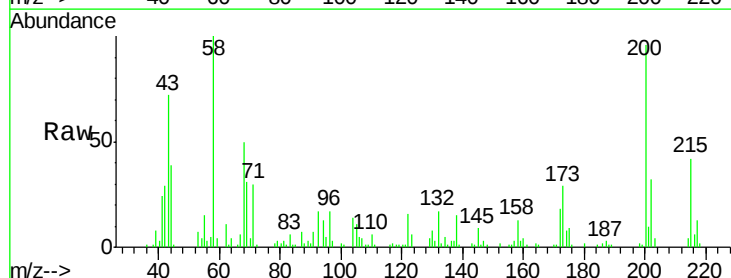


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

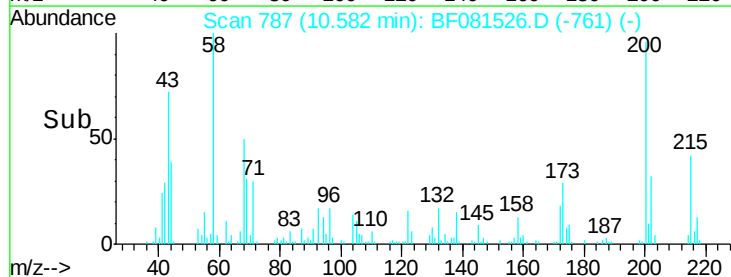
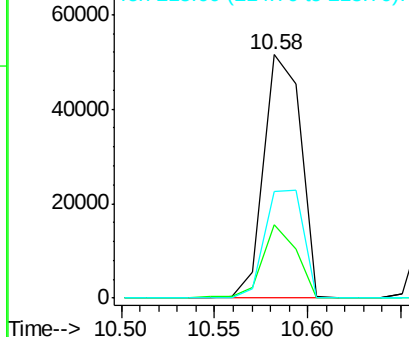


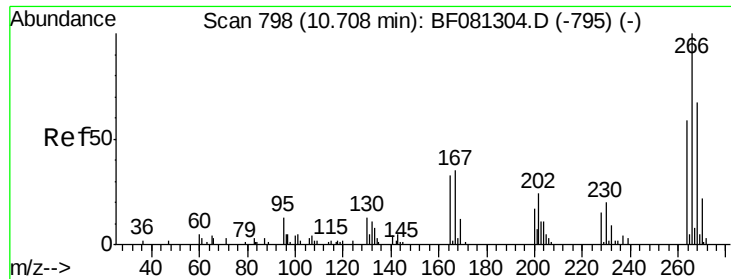
#68
Atrazine
Concen: 37.10 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:200 Resp: 70858
Ion Ratio Lower Upper
200 100
173 29.9 13.2 53.2
215 43.8 41.8 81.8



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

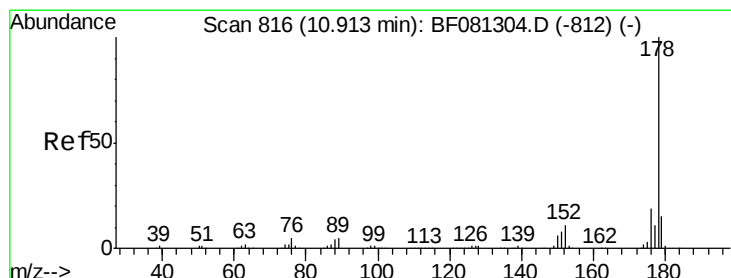
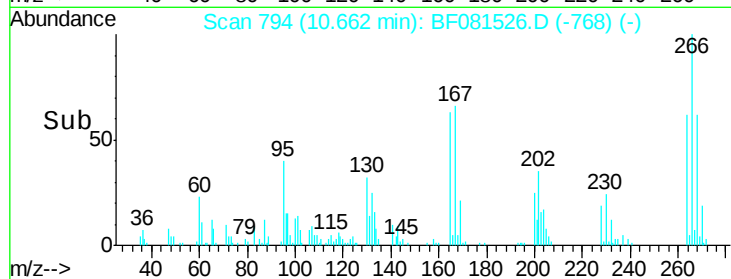
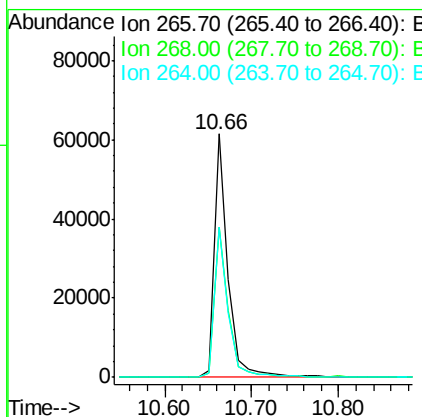
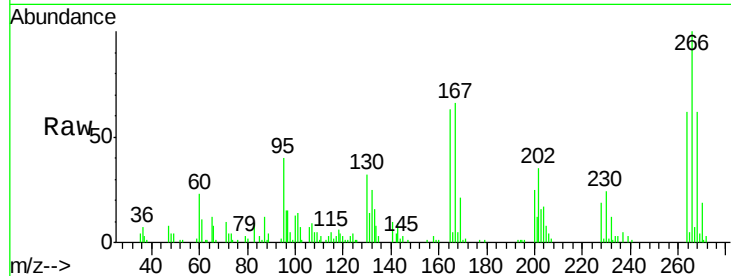




#69
 Pentachlorophenol
 Concen: 73.51 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

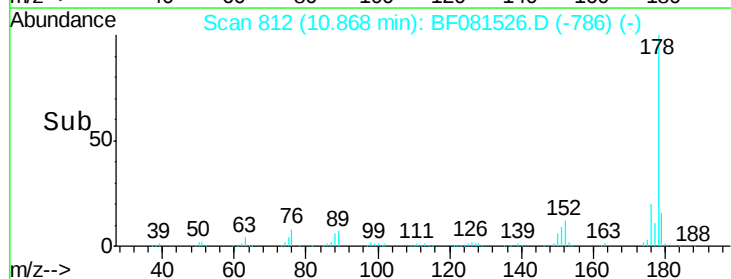
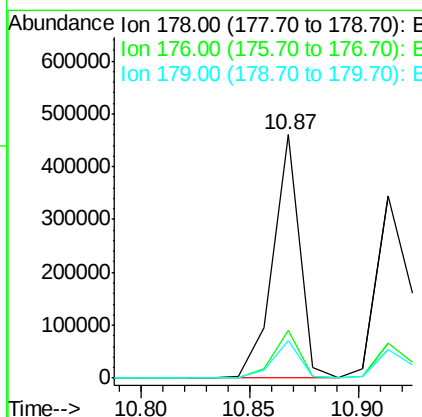
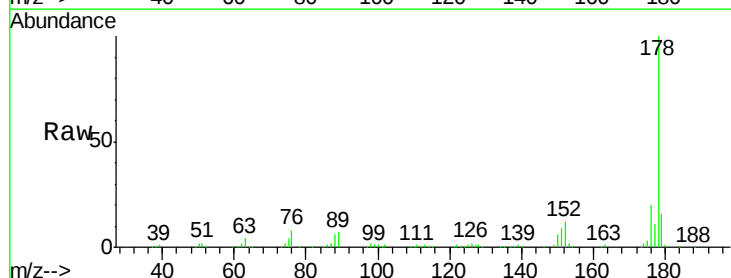
Instrument :
 BNA_F
 ClientSampled :

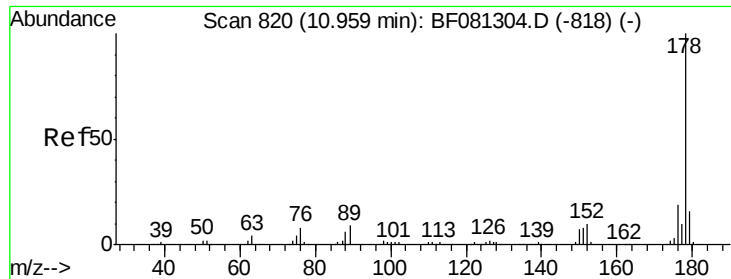
Tot Ion:266 Resp: 67874
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.8 74.6
 264 61.9 50.2 75.2



#70
 Phenanthrene
 Concen: 39.42 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:178 Resp: 397528
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.6 12.2 18.2

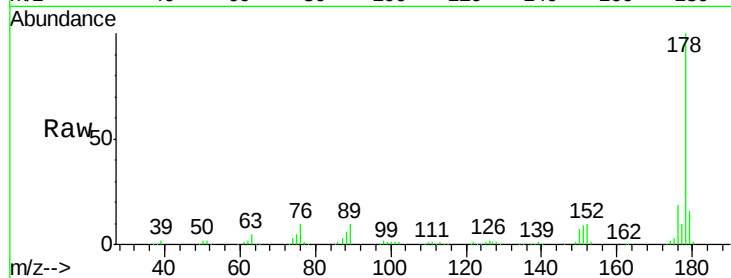




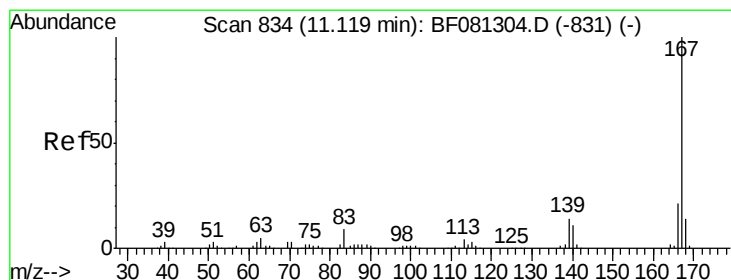
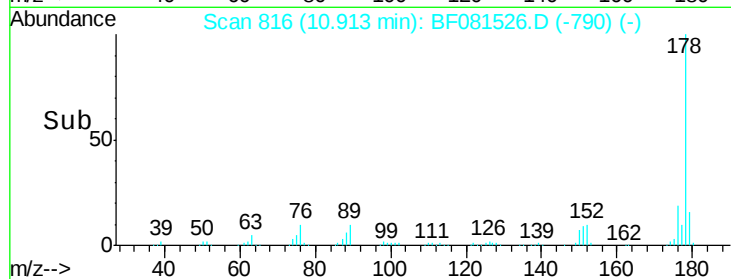
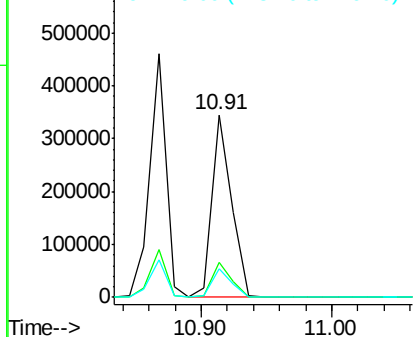
#71
 Anthracene
 Concen: 35.10 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 363581
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.6 12.2 18.2

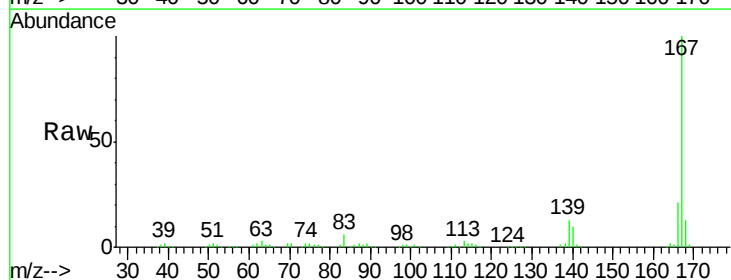


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

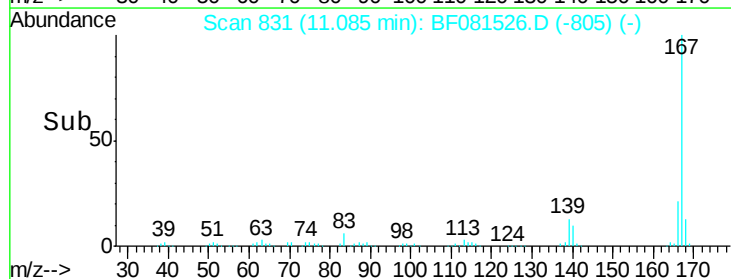
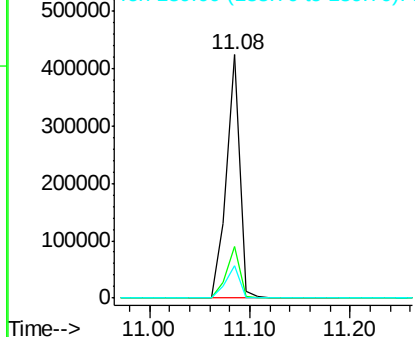


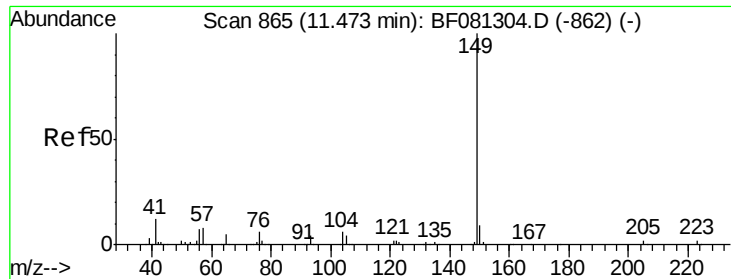
#72
 Carbazole
 Concen: 40.47 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:167 Resp: 393450
 Ion Ratio Lower Upper
 167 100
 166 21.0 15.7 23.5
 139 13.3 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: 42.88 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

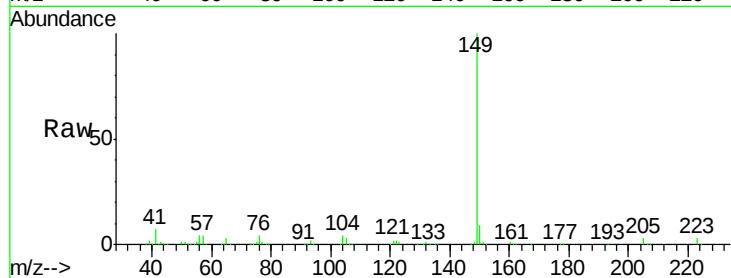
Tot Ion:149 Resp: 492264

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

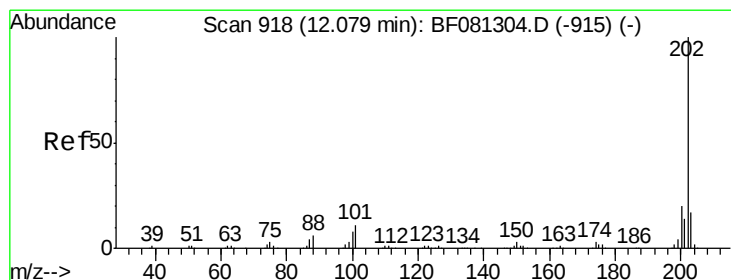
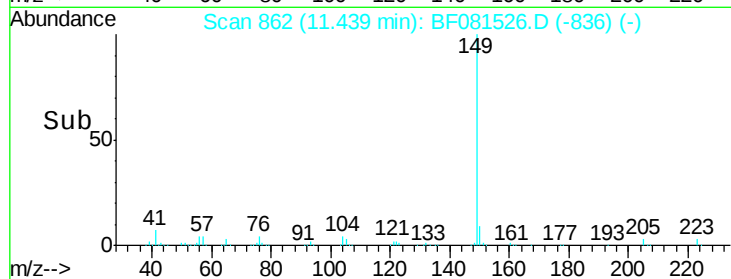
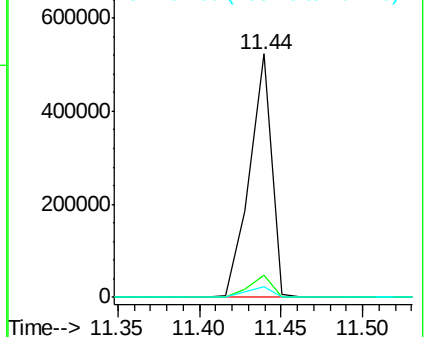
104 4.4 2.4 3.6#



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: 36.67 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

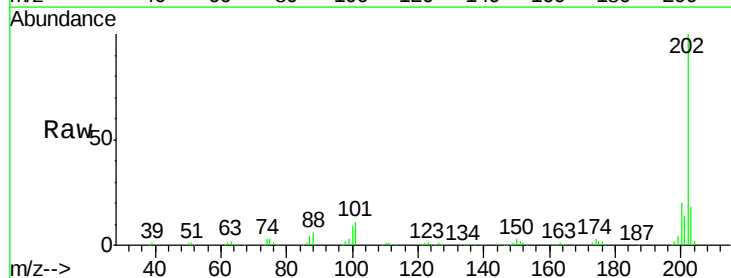
Tgt Ion:202 Resp: 400232

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

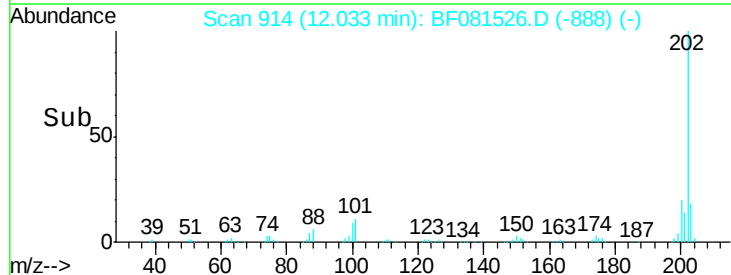
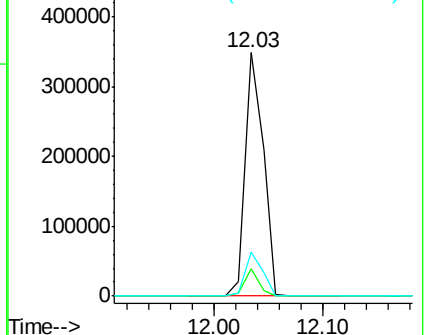
203 18.1 0.0 37.3

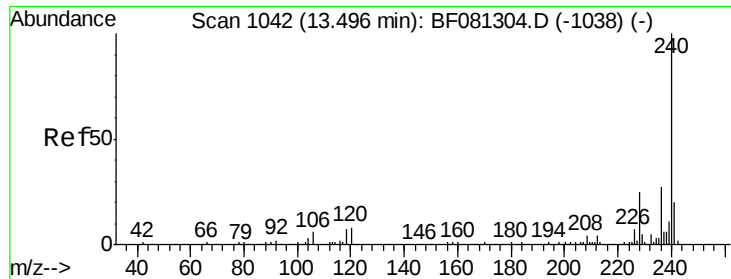


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

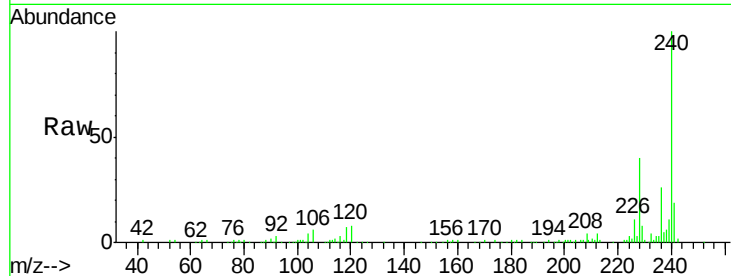
Tot Ion:240 Resp: 151226

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

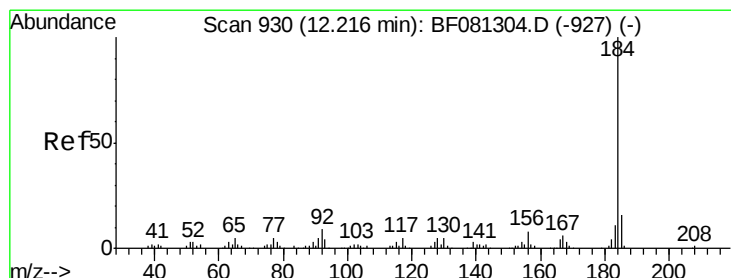
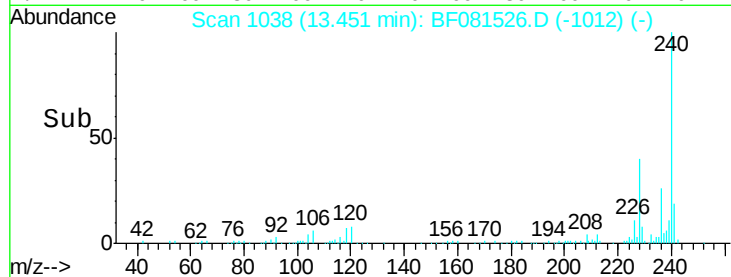
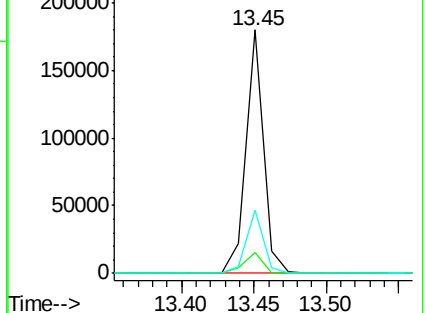
236 25.8 18.4 27.6



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: 30.52 ng

RT: 12.18 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

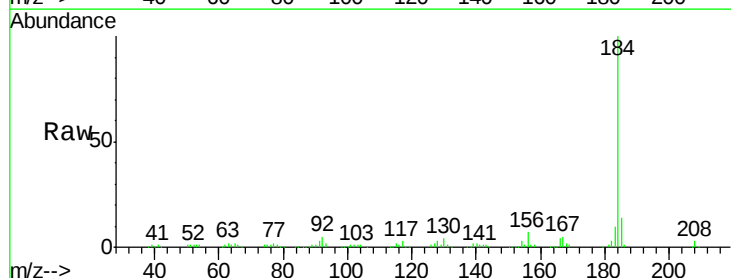
Tgt Ion:184 Resp: 198113

Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

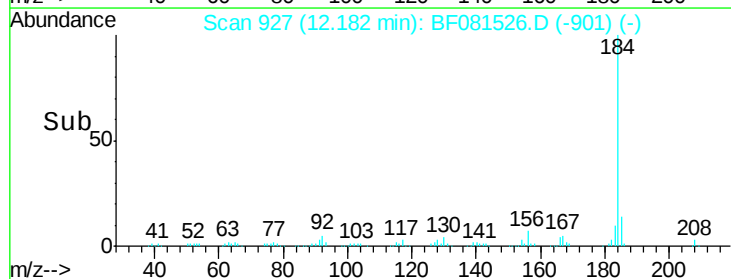
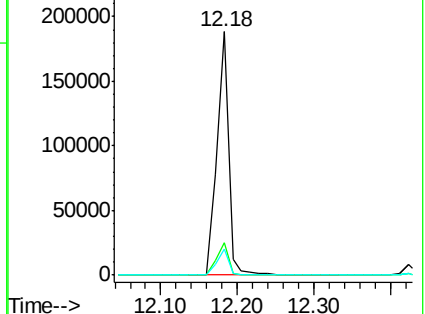
183 10.4 7.6 11.4

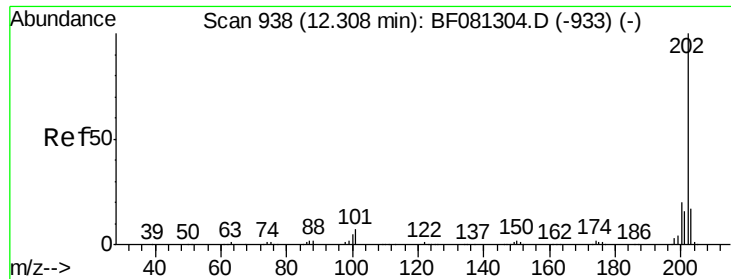


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

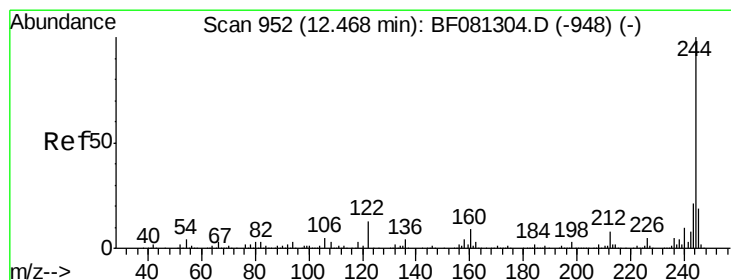
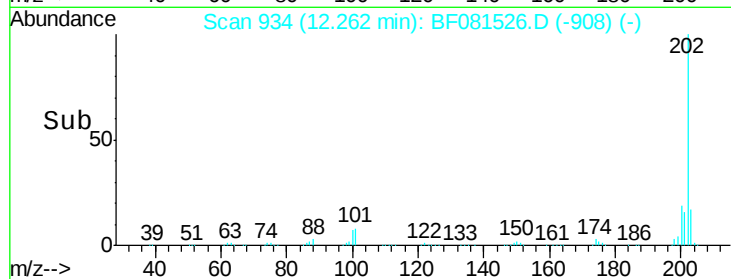
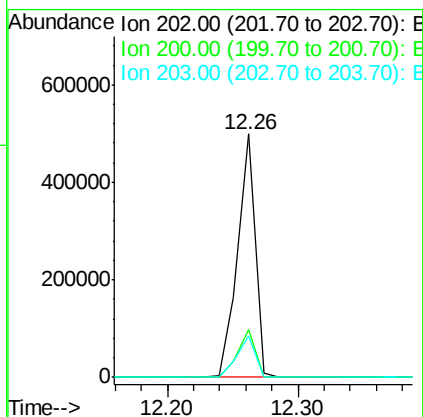
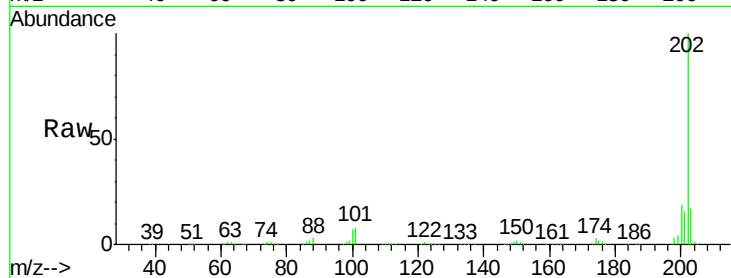




#77
Pvrene
Concen: 41.39 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

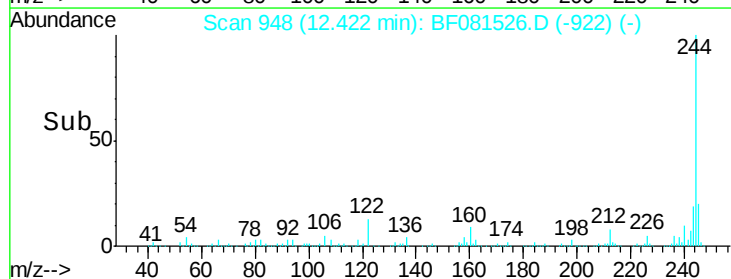
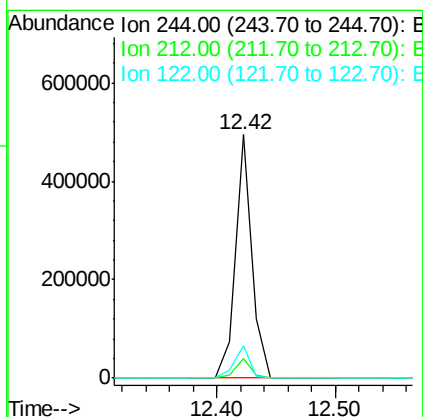
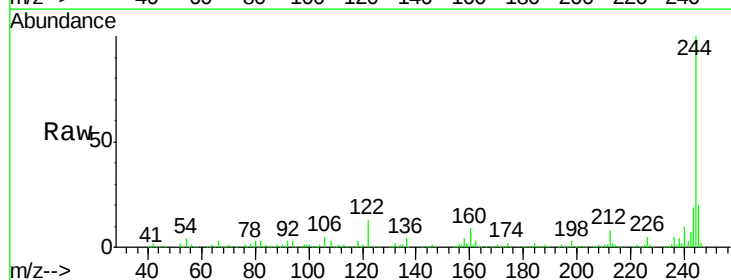
Instrument :
BNA_F
ClientSampleId :

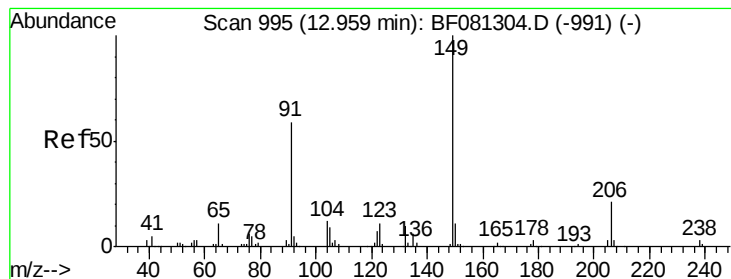
Tot Ion:202 Resp: 463638
Ion Ratio Lower Upper
202 100
200 19.4 15.0 22.4
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 73.26 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:244 Resp: 475944
Ion Ratio Lower Upper
244 100
212 8.1 4.3 6.5#
122 13.2 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 39.57 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

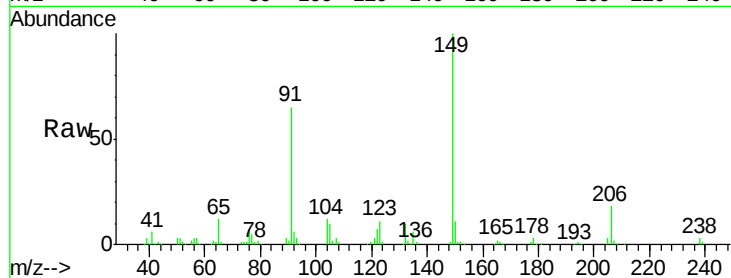
Tot Ion:149 Resp: 192789

Ion Ratio Lower Upper

149 100

91 65.2 48.6 72.8

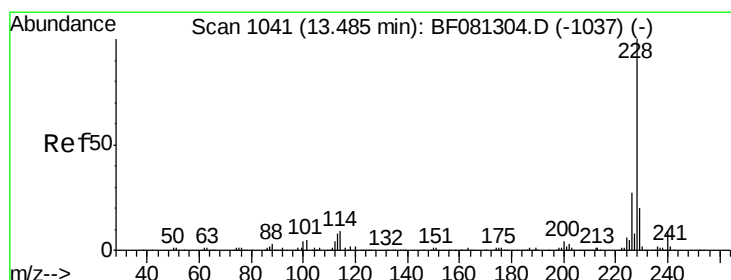
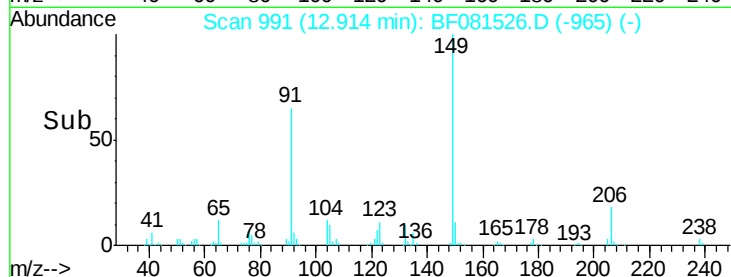
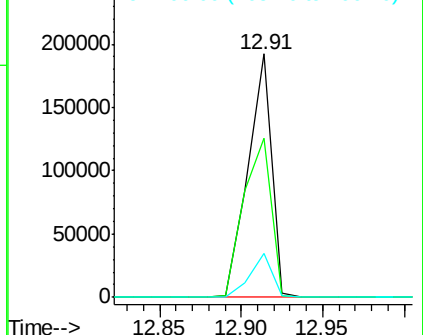
206 18.2 14.9 22.3



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: 35.97 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

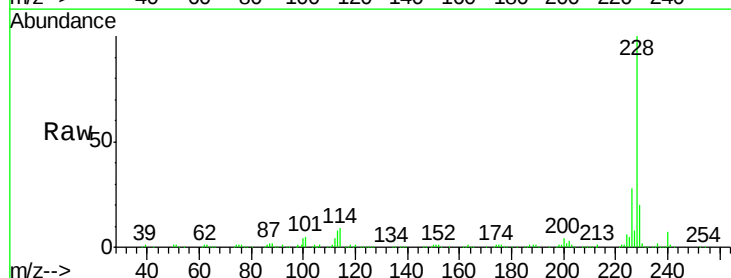
Tgt Ion:228 Resp: 346395

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

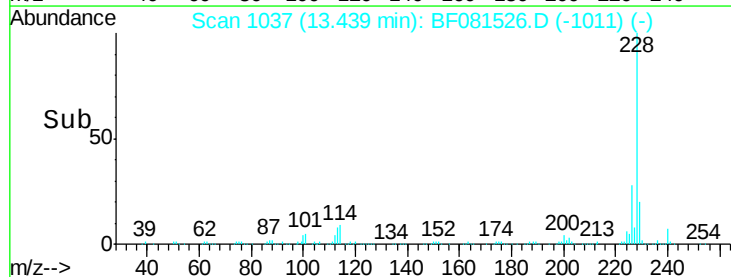
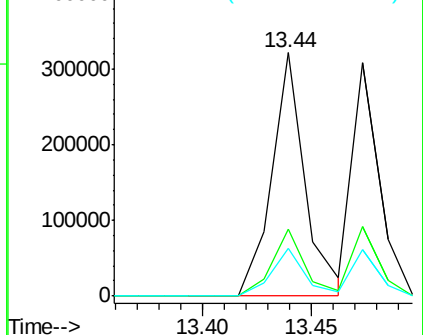
229 19.6 15.4 23.2

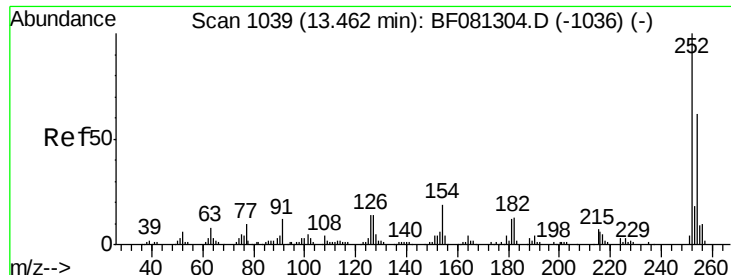


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

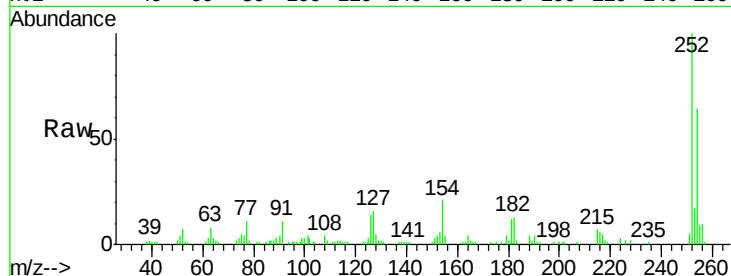




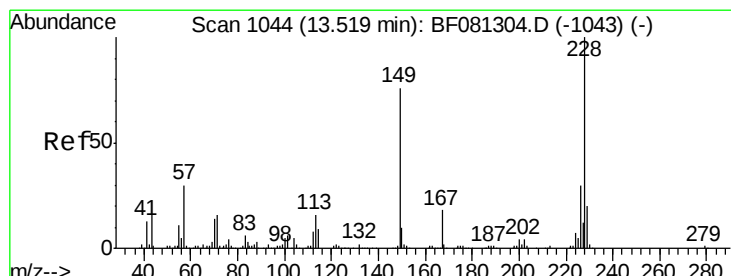
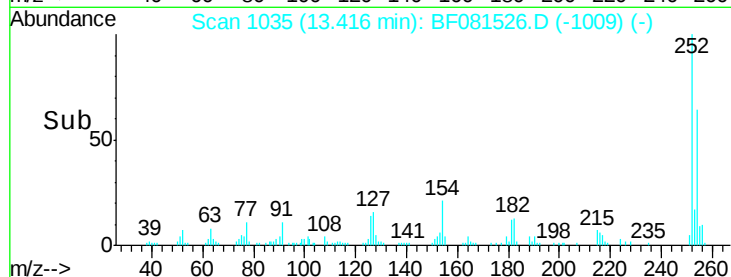
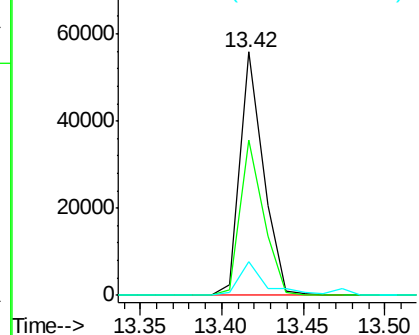
#81
 3,3'-Dichlorobenzidine
 Concen: 17.02 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	13.6	16.4	24.6

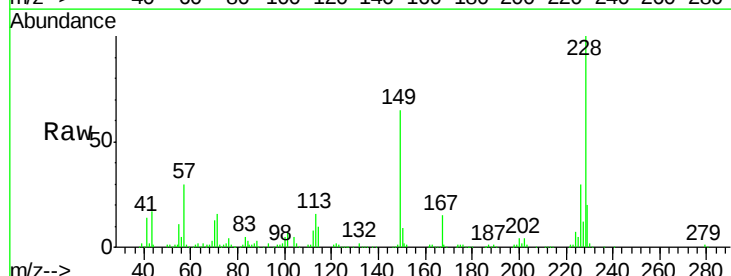


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

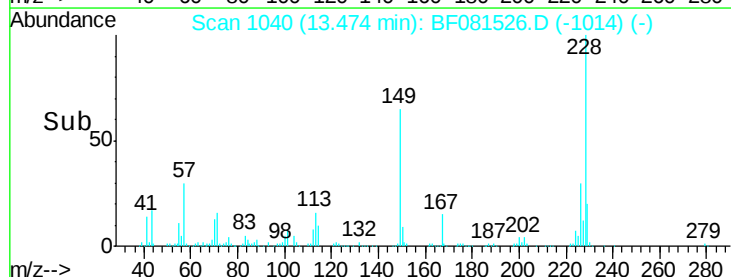
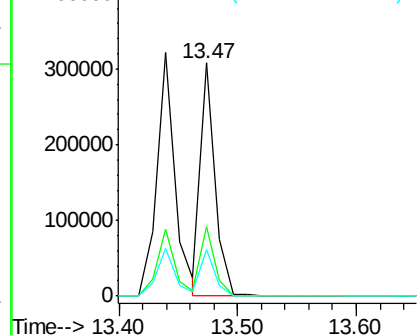


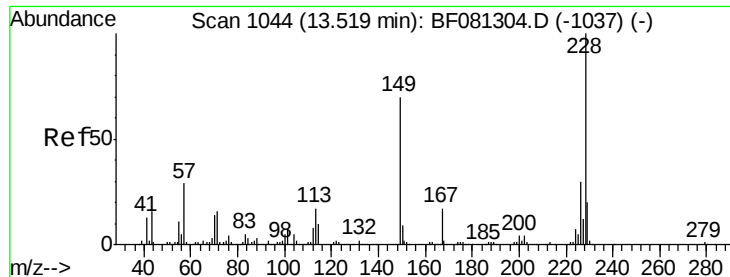
#82
 Chrysene
 Concen: 30.95 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	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

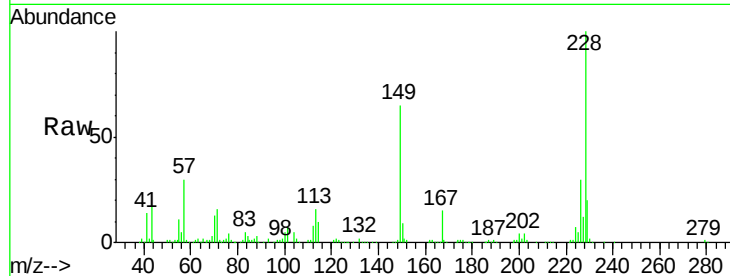




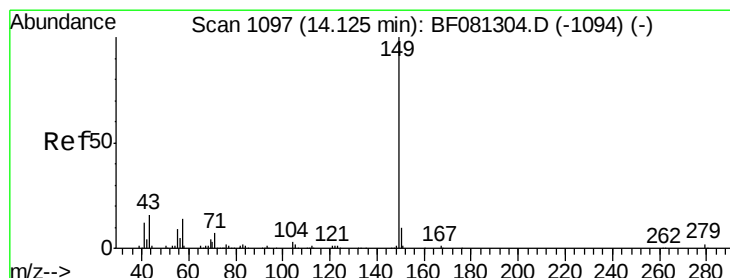
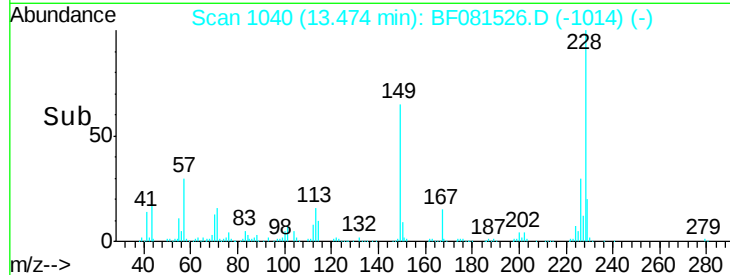
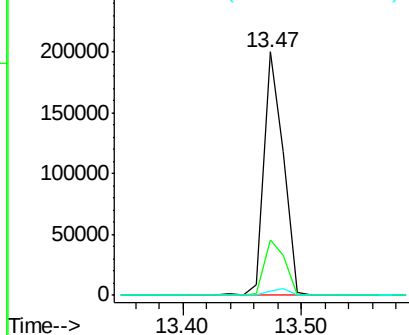
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.36 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 227347
 Ion Ratio Lower Upper
 149 100
 167 23.0 24.2 36.2#
 279 1.6 3.8 5.6#

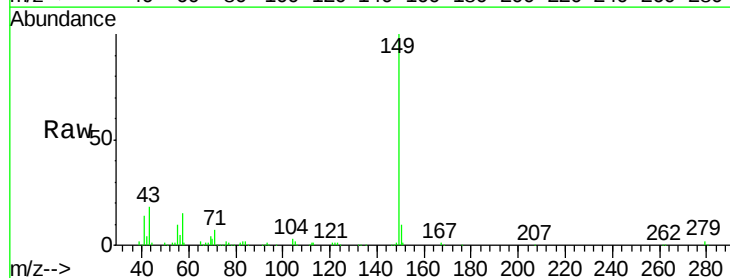


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

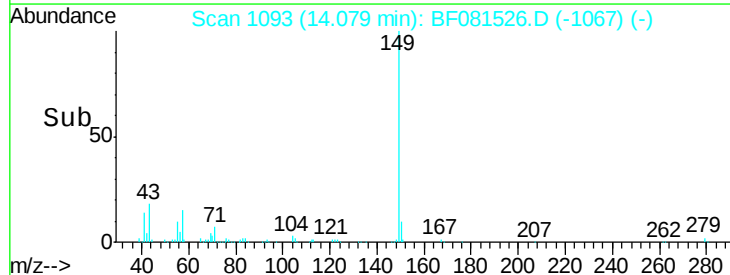
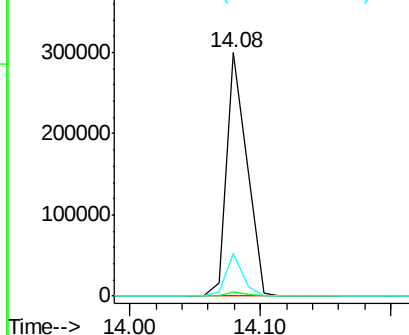


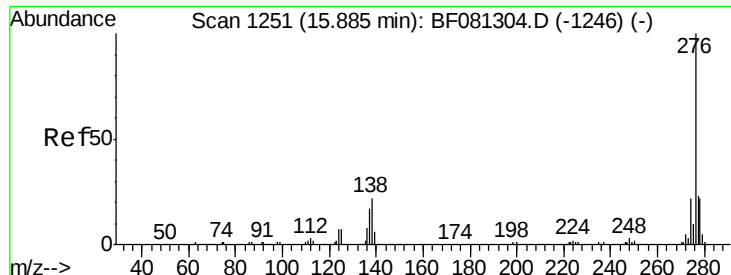
#84
 Di-n-octyl phthalate
 Concen: 30.60 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:149 Resp: 323916
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 15.4 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

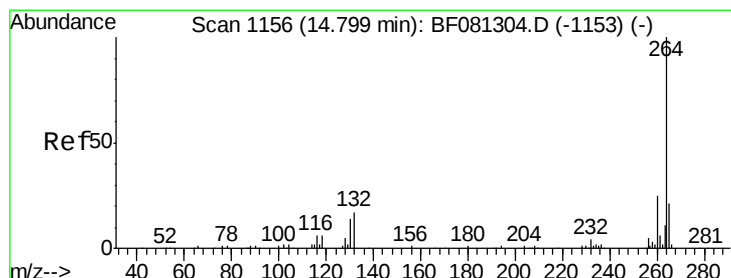
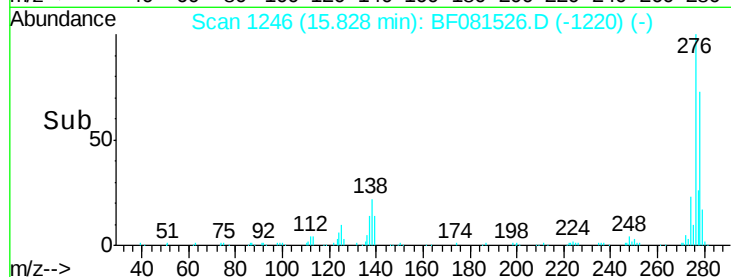
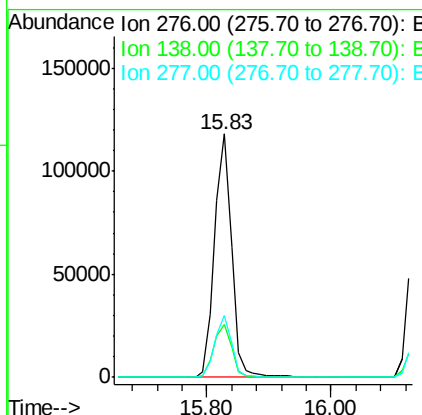
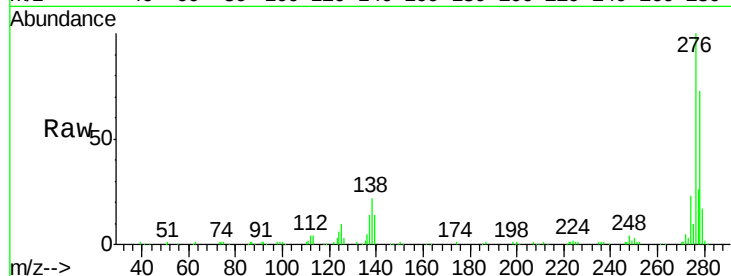




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.18 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

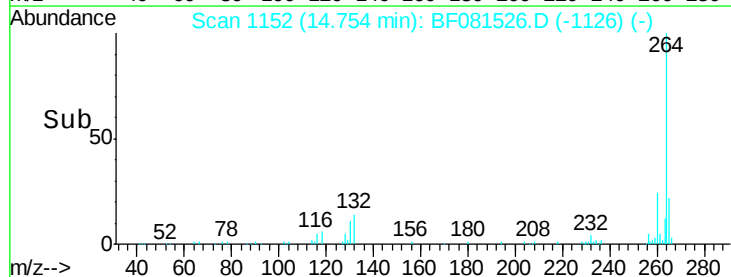
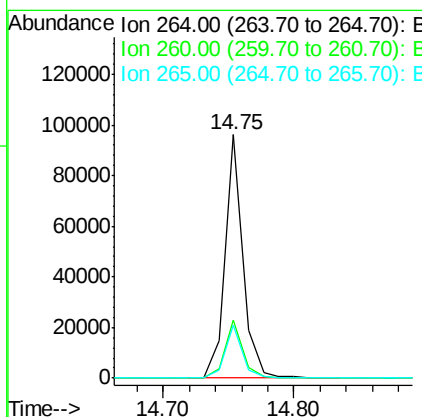
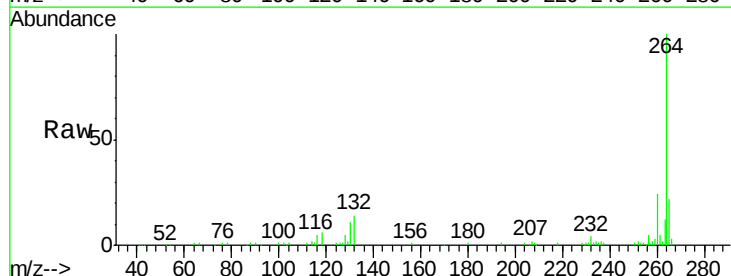
Instrument :
 BNA_F
 ClientSampleId :

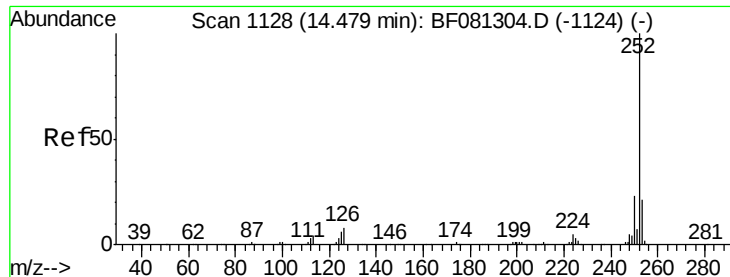
Tot Ion:276 Resp: 222835
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.7 38.5#
 277 24.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF081526.D
 Acq: 8 Sep 2015 17:08

Tgt Ion:264 Resp: 91934
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 76.82 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :

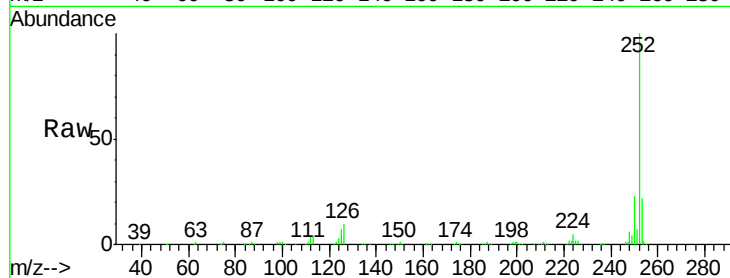
Tot Ion:252 Resp: 504204

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

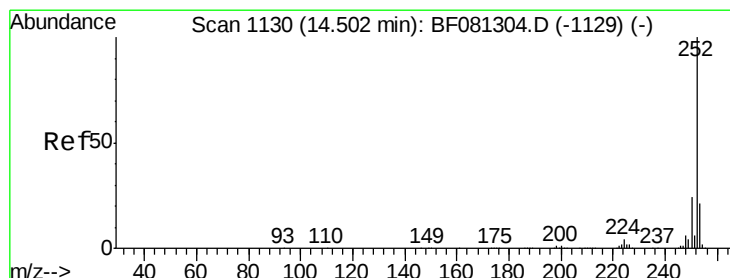
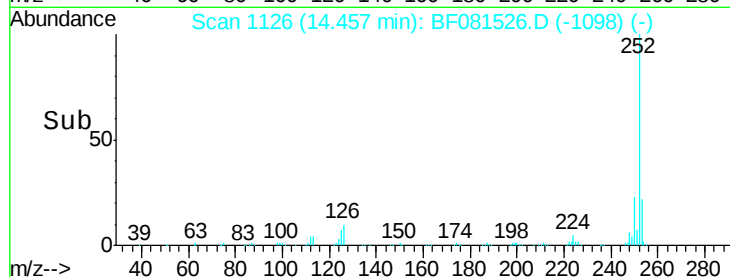
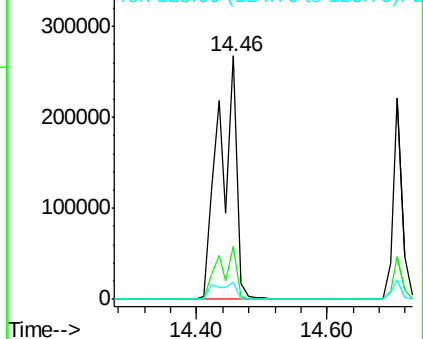
125 7.0 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.58 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

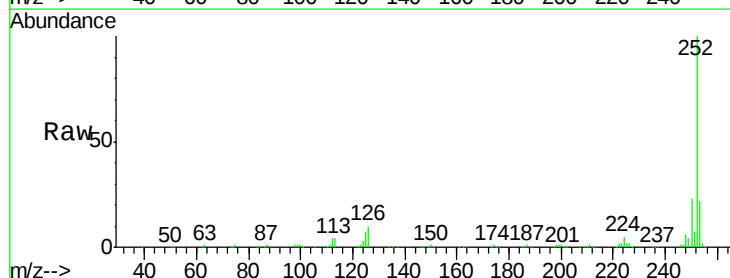
Tgt Ion:252 Resp: 504204

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

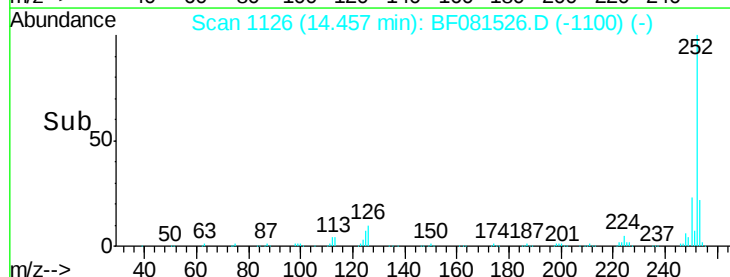
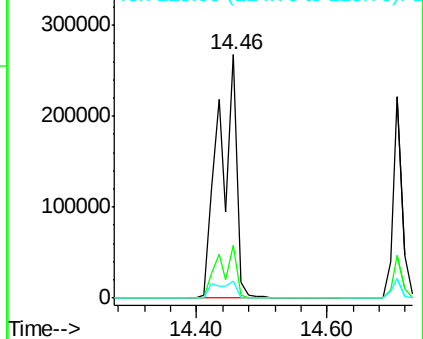
125 7.0 16.0 24.0#

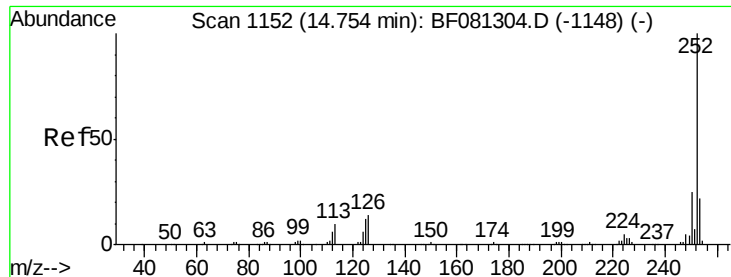


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

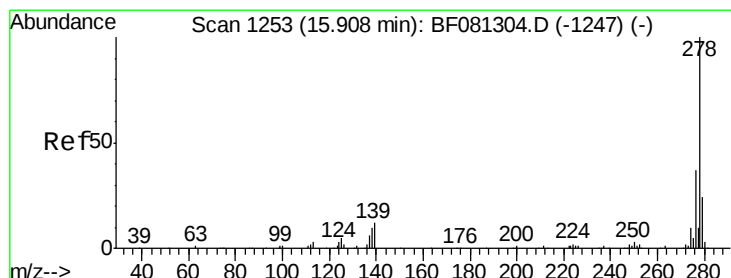
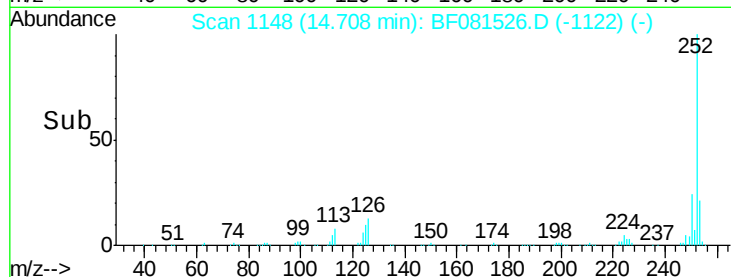
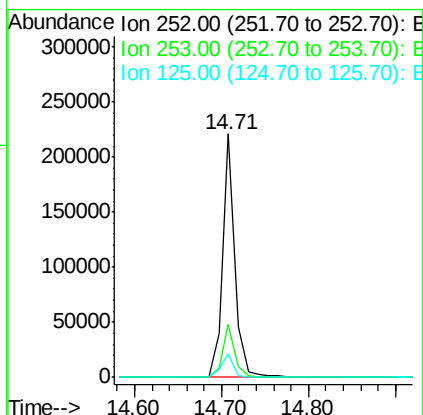
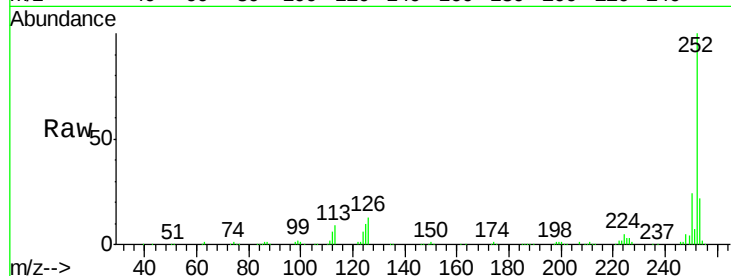




#89
Benzo(a)pyrene
Concen: 39.35 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

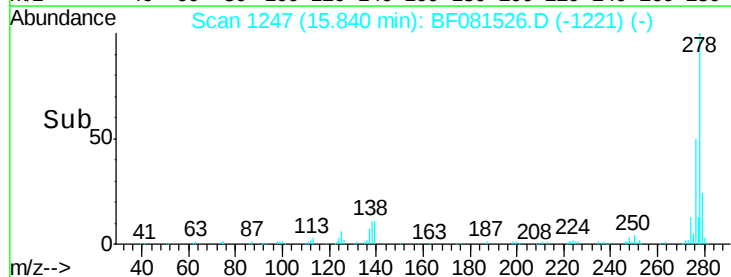
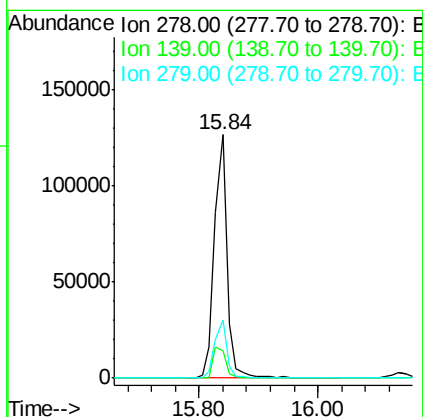
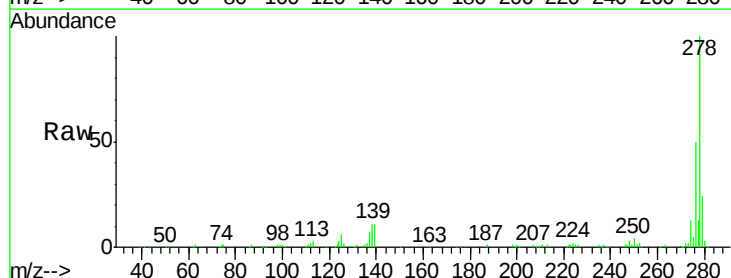
Instrument :
BNA_F
ClientSampleId :

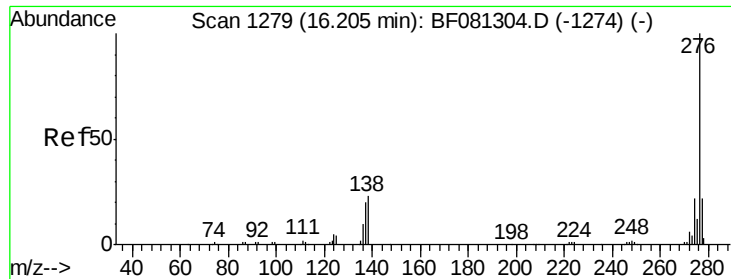
Tot Ion:252 Resp: 218873
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.9 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.75 ng
RT: 15.84 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF081526.D
Acq: 8 Sep 2015 17:08

Tgt Ion:278 Resp: 188005
Ion Ratio Lower Upper
278 100
139 11.3 26.3 39.5#
279 23.8 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 45.45 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.00 min

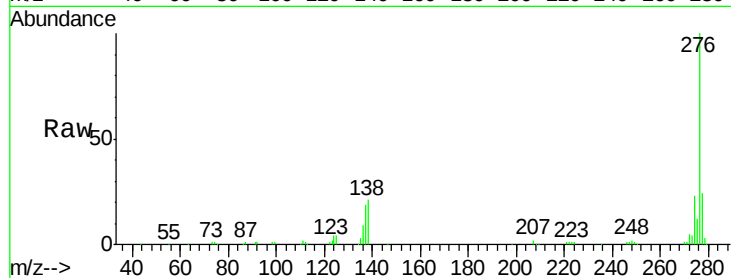
Lab File: BF081526.D

Acq: 8 Sep 2015 17:08

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	186420
Ion Ratio	Lower	Upper	
276	100		
277	23.8	17.8	26.6
138	21.1	34.6	51.8#

