

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081434.D
 Acq On : 4 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3526-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	64684	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	252933	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	120837	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	238005	20.00	ng	0.00
75) Chrysene-d12	13.46	240	196107	20.00	ng	0.00
86) Perylene-d12	14.77	264	131731	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	505415	121.23	ng	0.01
7) Phenol-d6	6.03	99	717310	129.98	ng	0.00
23) Nitrobenzene-d5	6.94	82	462135	88.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	142730	132.66	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	627705	66.57	ng	-0.01
78) Terphenyl-d14	12.43	244	584051	69.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	71040	37.94	ng	# 91
3) Pyridine	2.28	79	198247	38.40	ng	# 93
4) n-Nitrosodimethylamine	2.25	42	134207	46.79	ng	# 73
6) Aniline	6.02	93	152268	19.54	ng	# 72
8) 2-Chlorophenol	6.15	128	202243	44.02	ng	# 86
9) Benzaldehyde	5.90	77	23968	6.93	ng	# 80
10) Phenol	6.04	94	225676	35.26	ng	# 40
11) bis(2-Chloroethyl)ether	6.11	93	196173	42.49	ng	# 85
12) 1,3-Dichlorobenzene	6.30	146	203826	41.52	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	198692	39.76	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	168431	37.43	ng	# 85
15) Benzyl Alcohol	6.52	79	189372	41.83	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	406915	45.98	ng	# 81
17) 2-Methylphenol	6.66	107	164347	44.83	ng	# 74
18) Hexachloroethane	6.87	117	76170	39.17	ng	# 94
19) n-Nitroso-di-n-propylamine	6.81	70	169219	45.05	ng	# 83
20) 3+4-Methylphenols	6.82	107	219947	44.50	ng	# 89
22) Acetophenone	6.79	105	292990	42.41	ng	# 75
24) Nitrobenzene	6.96	77	251624	46.22	ng	# 63
25) Isophorone	7.21	82	414465	42.50	ng	# 88
26) 2-Nitrophenol	7.28	139	107831	45.44	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	170467	41.59	ng	# 85
28) bis(2-Chloroethoxy)methane	7.43	93	234448	41.62	ng	# 92
29) 2,4-Dichlorophenol	7.53	162	160525	45.17	ng	# 96
30) 1,2,4-Trichlorobenzene	7.60	180	162905	42.19	ng	# 98
31) Naphthalene	7.67	128	514824	38.17	ng	# 98
32) Benzoic acid	7.35	122	170467	57.72	ng	# 27
33) 4-Chloroaniline	7.74	127	80641	14.66	ng	# 84
34) Hexachlorobutadiene	7.80	225	89982	38.30	ng	# 98
35) Caprolactam	8.12	113	25925	23.78	ng	# 61
36) 4-Chloro-3-methylphenol	8.25	107	192914	48.50	ng	# 74
37) 2-Methylnaphthalene	8.36	142	372855	42.47	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	140279	36.71	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	139741	74.51	ng	# 96

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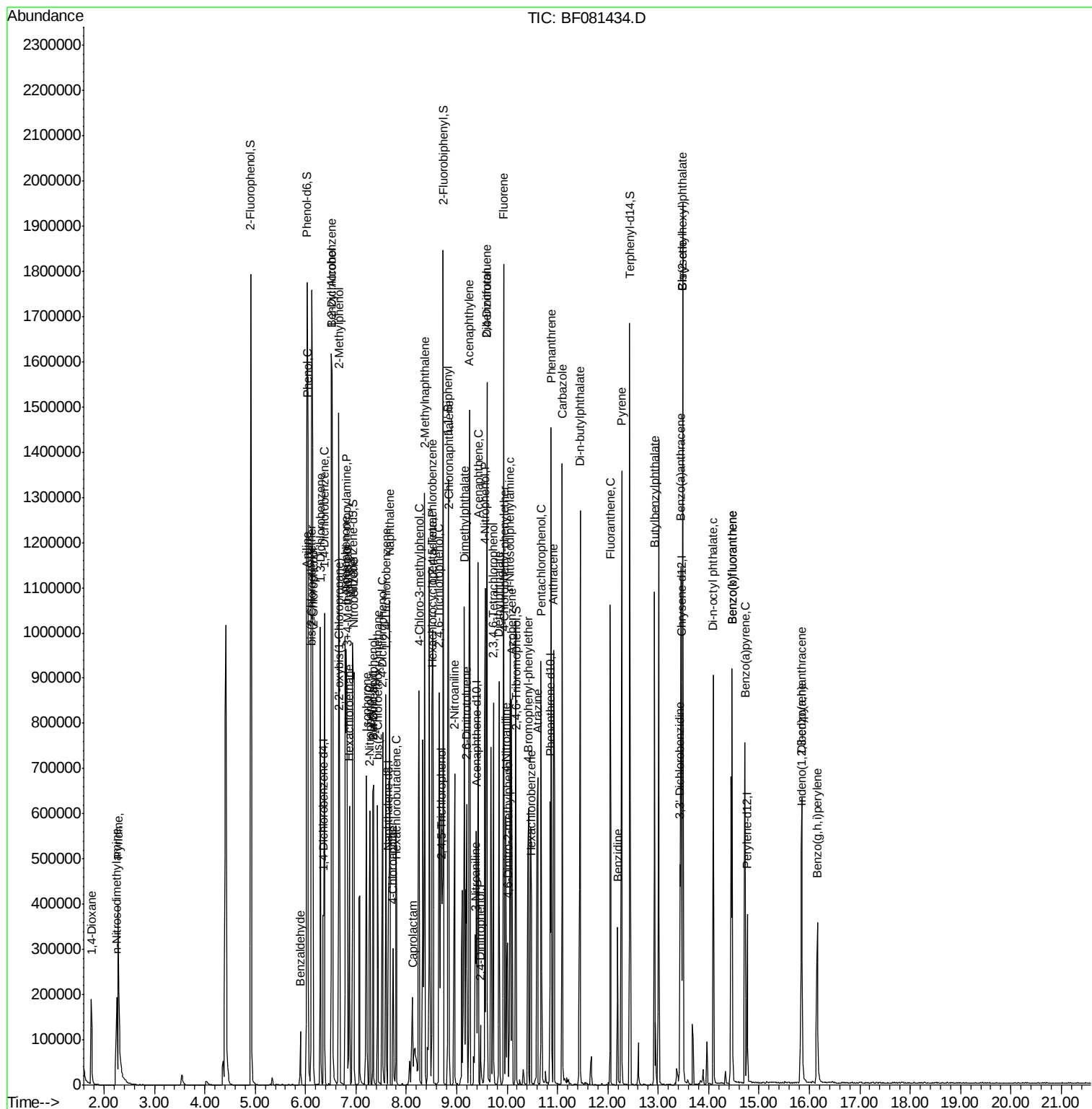
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42) 2,4,6-Trichlorophenol	8.65	196	101772	38.59	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	106210	39.47	nq	# 93
45) 1,1'-Biphenyl	8.83	154	438194	39.42	nq	95
46) 2-Chloronaphthalene	8.84	162	308156	38.38	nq	# 89
47) 2-Nitroaniline	8.96	65	147810	45.17	nq	# 75
48) Acenaphthylene	9.26	152	553691	38.88	nq	98
49) Dimethylphthalate	9.15	163	530138	56.47	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	80158	37.62	nq	# 1
51) Acenaphthene	9.43	154	317439	39.18	nq	88
52) 3-Nitroaniline	9.37	138	64129	26.44	nq	# 81
53) 2,4-Dinitrophenol	9.47	184	17774	19.80	nq	# 5
54) Dibenzofuran	9.60	168	485437	41.03	nq	# 92
55) 4-Nitrophenol	9.56	139	131582	86.34	nq	# 14
56) 2,4-Dinitrotoluene	9.60	165	104207	38.41	nq	# 13
57) Fluorene	9.93	166	330974	36.86	nq	94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	90652	44.13	nq	90
59) Diethylphthalate	9.84	149	382243	38.71	nq	93
60) 4-Chlorophenyl-phenylether	9.94	204	168460	40.26	nq	98
61) 4-Nitroaniline	9.98	138	84527	34.49	nq	# 23
62) Azobenzene	10.09	77	441749	40.23	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.01	198	49915	37.50	nq	85
65) n-Nitrosodiphenylamine	10.06	169	313264	36.17	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	97175	40.38	nq	94
67) Hexachlorobenzene	10.48	284	94430	37.53	nq	# 77
68) Atrazine	10.60	200	114740	45.78	nq	83
69) Pentachlorophenol	10.67	266	91400	75.20	nq	98
70) Phenanthrene	10.88	178	499802	37.77	nq	96
71) Anthracene	10.92	178	496315	36.51	nq	98
72) Carbazole	11.10	167	540062	42.34	nq	95
73) Di-n-butylphthalate	11.45	149	643272	42.70	nq	# 98
74) Fluoranthene	12.04	202	534006	37.28	nq	93
76) Benzidine	12.19	184	162515	19.30	nq	97
77) Pyrene	12.27	202	580913	39.99	nq	97
79) Butylbenzylphthalate	12.93	149	273053	43.22	nq	89
80) Benzo(a)anthracene	13.45	228	472586	37.84	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	93182	22.12	nq	97
82) Chrysene	13.49	228	374885	33.49	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	334616	40.13	nq	# 89
84) Di-n-octyl phthalate	14.09	149	523609	38.14	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	302824	36.87	nq	# 90
87) Benzo(b)fluoranthene	14.47	252	710574	75.55	nq	# 86
88) Benzo(k)fluoranthene	14.47	252	710574	91.06	nq	# 88
89) Benzo(a)pyrene	14.72	252	309701	38.86	nq	# 90
90) Dibenzo(a,h)anthracene	15.85	278	254038	41.25	nq	# 84
91) Benzo(g,h,i)perylene	16.16	276	250342	42.59	nq	# 76

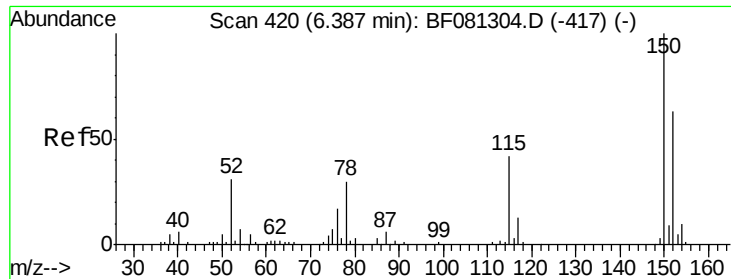
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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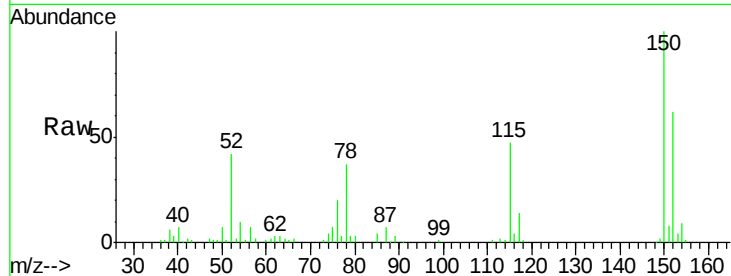


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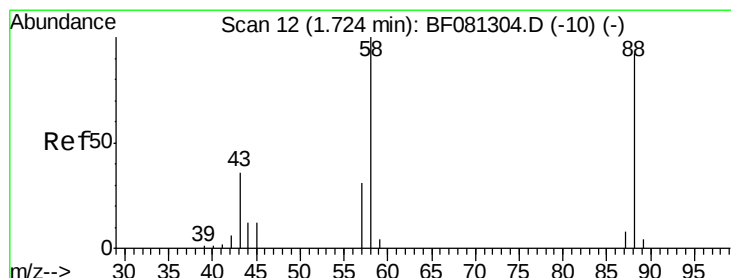
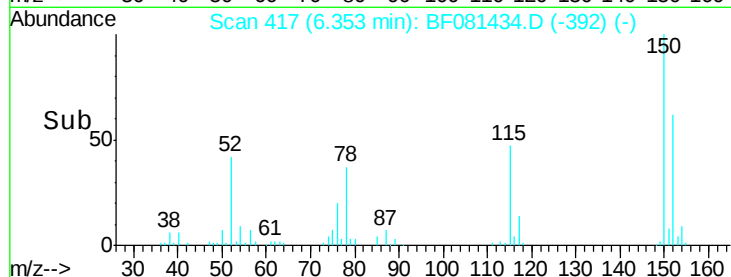
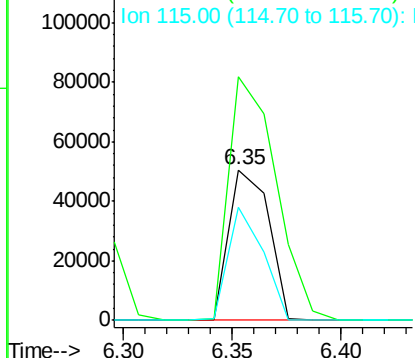
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64684
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 75.3 39.0 58.4#



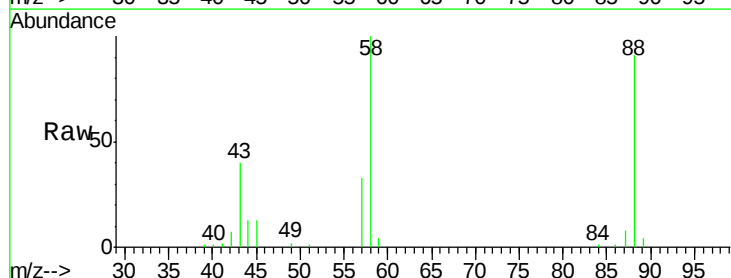
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



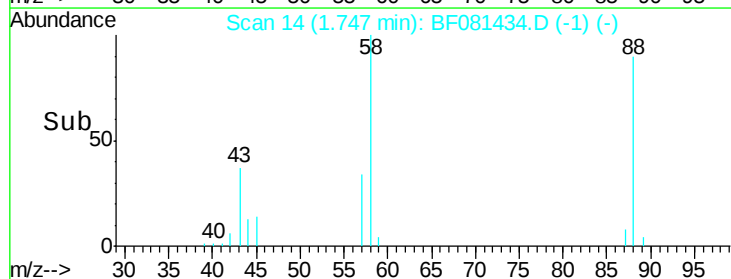
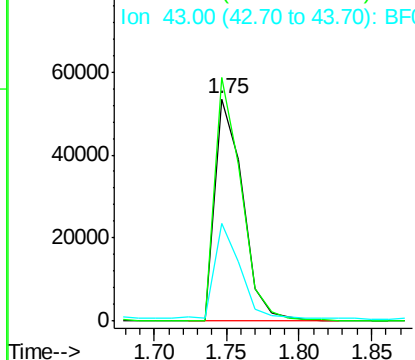
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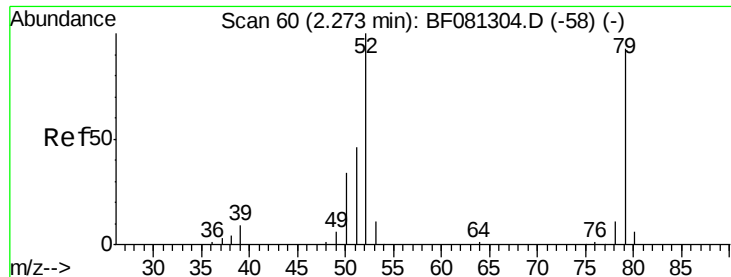
1,4-Dioxane
Concen: 37.94 ng
RT: 1.75 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 88 Resp: 71040
Ion Ratio Lower Upper
88 100
58 104.0 77.7 116.5
43 41.0 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: 38.40 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

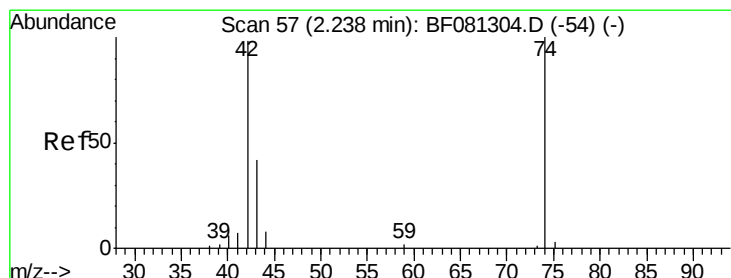
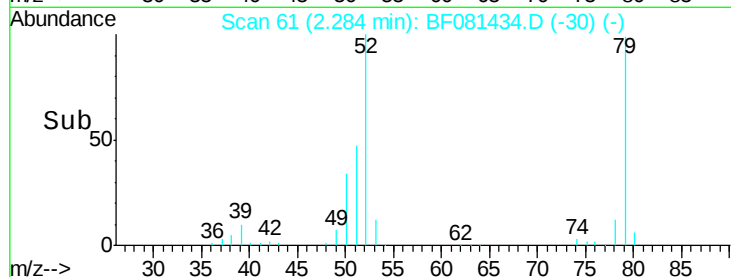
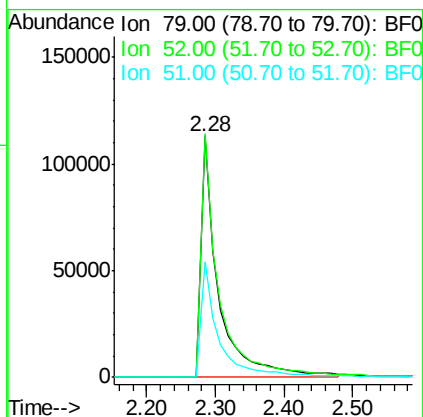
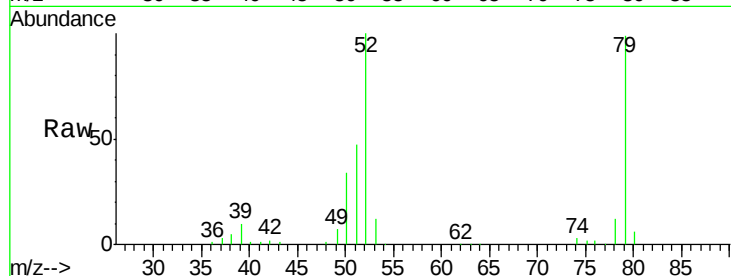
Tot Ion: 79 Resp: 198247

Ion Ratio Lower Upper

79 100

52 101.2 76.8 115.2

51 47.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 46.79 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

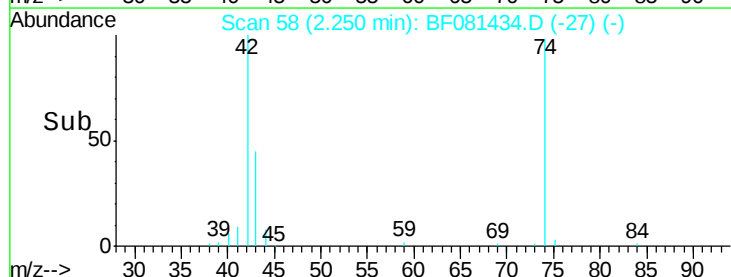
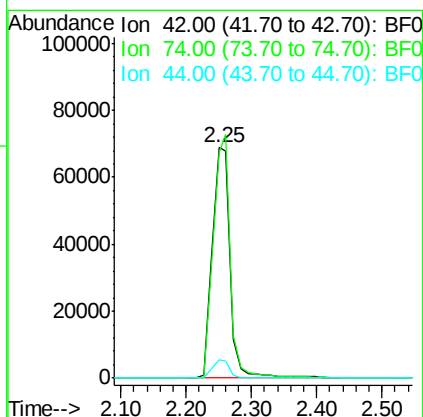
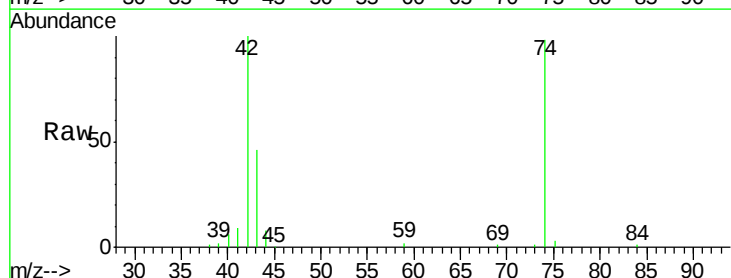
Tgt Ion: 42 Resp: 134207

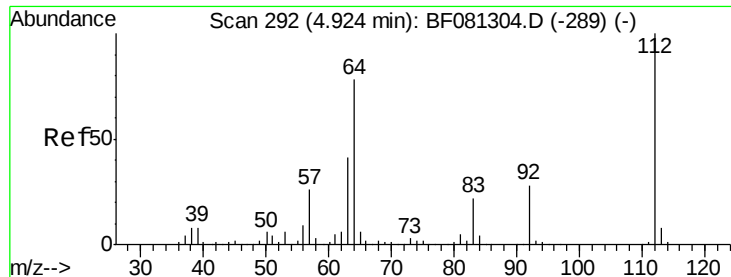
Ion Ratio Lower Upper

42 100

74 98.1 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 121.23 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampled :

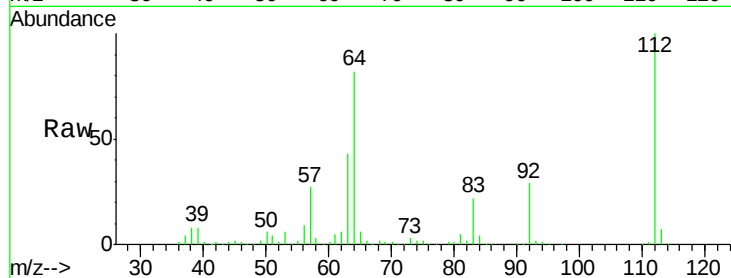
Tot Ion:112 Resp: 505415

Ion Ratio Lower Upper

112 100

64 81.5 39.7 59.5#

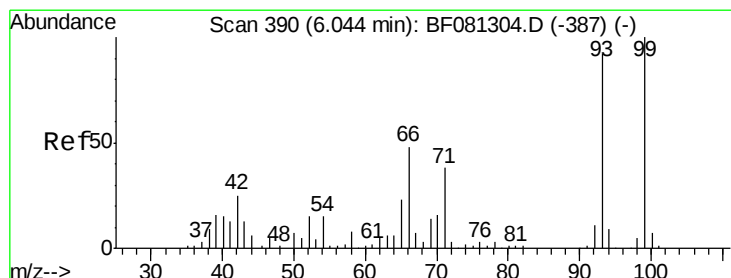
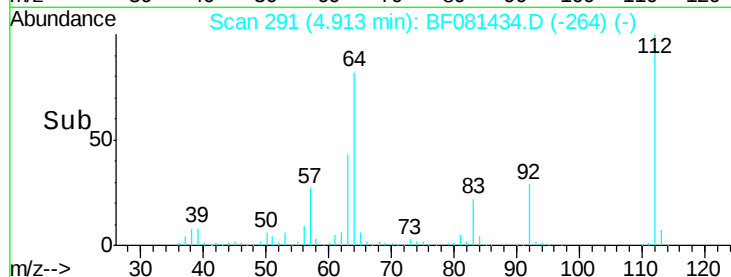
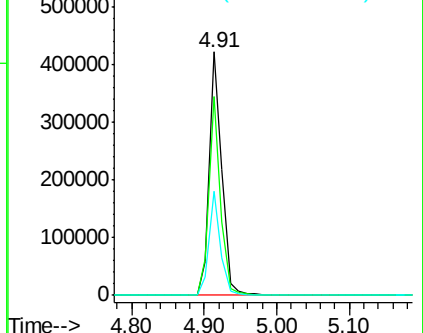
63 42.8 17.4 26.0#



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: 19.54 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

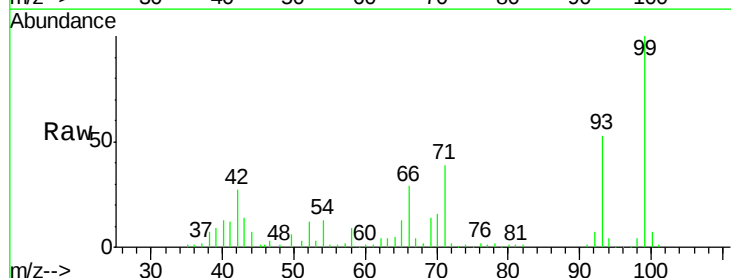
Tgt Ion: 93 Resp: 152268

Ion Ratio Lower Upper

93 100

66 54.2 27.2 40.8#

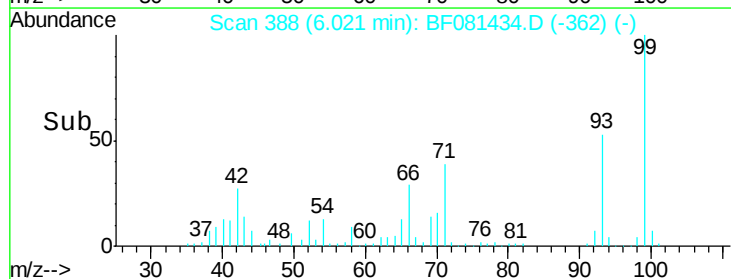
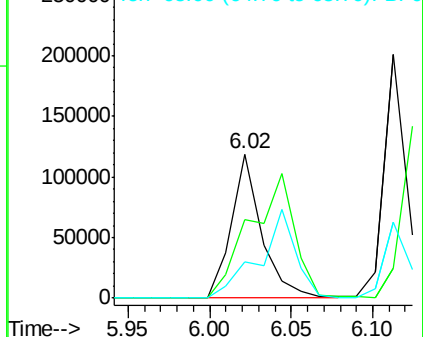
65 25.0 14.7 22.1#

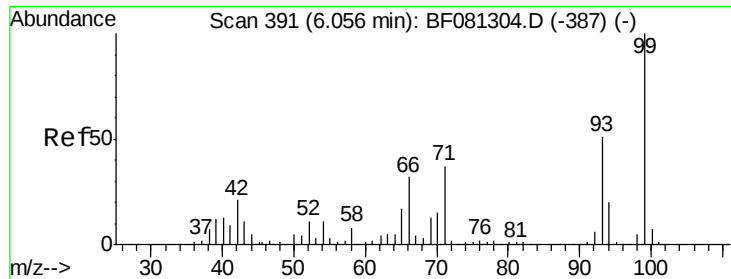


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.98 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

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ClientSampleId :

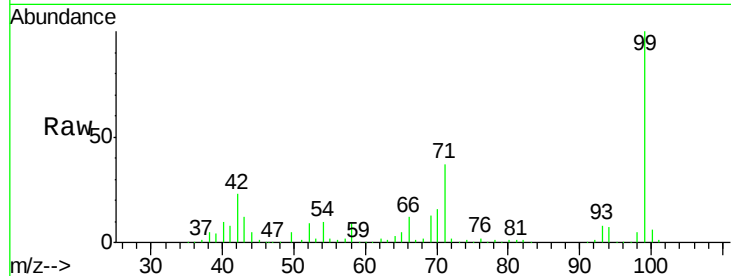
Tot Ion: 99 Resp: 717310

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

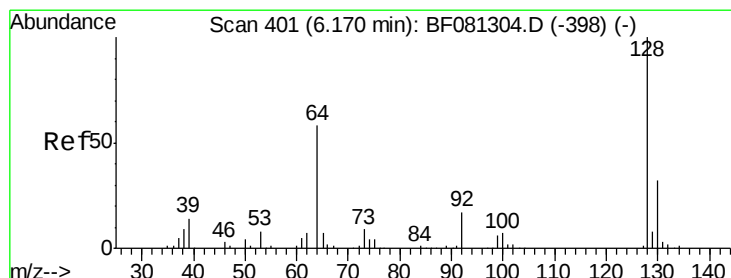
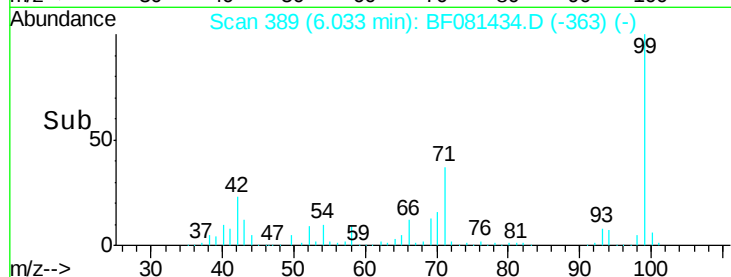
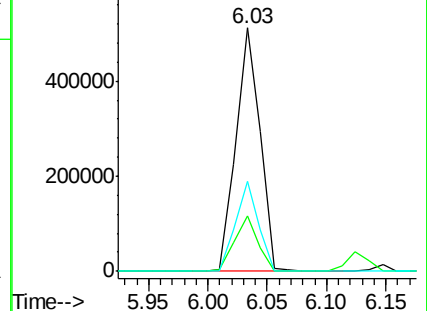
71 37.2 14.2 21.2#



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: 44.02 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

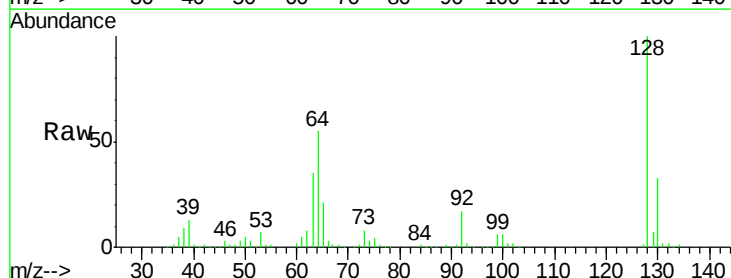
Tgt Ion: 128 Resp: 202243

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

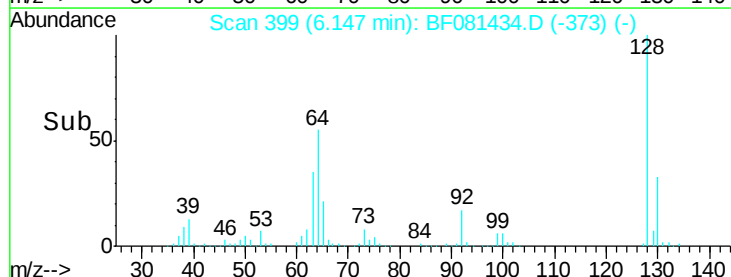
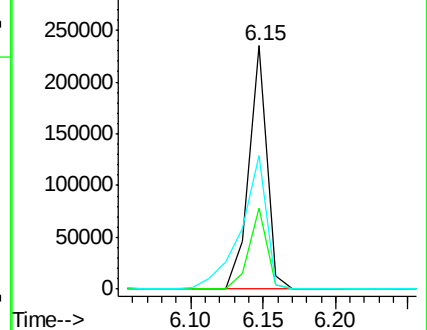
64 55.0 20.5 60.5

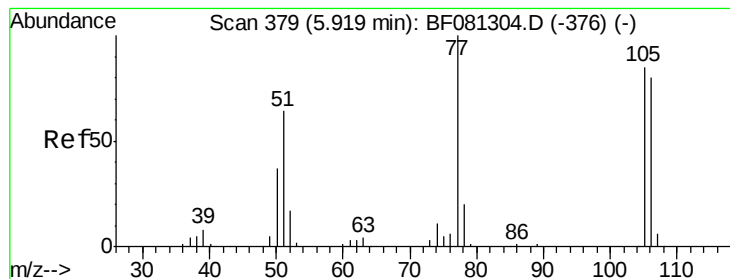


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.93 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampled :

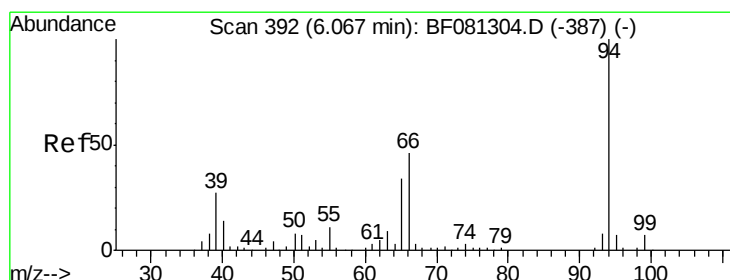
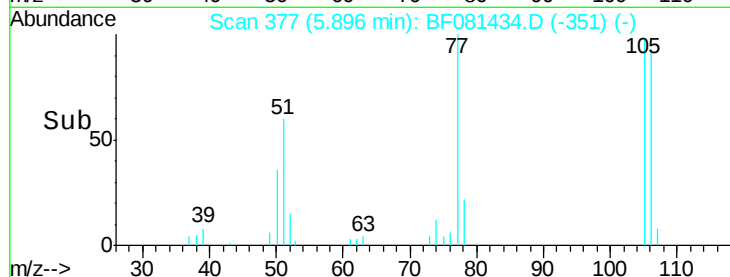
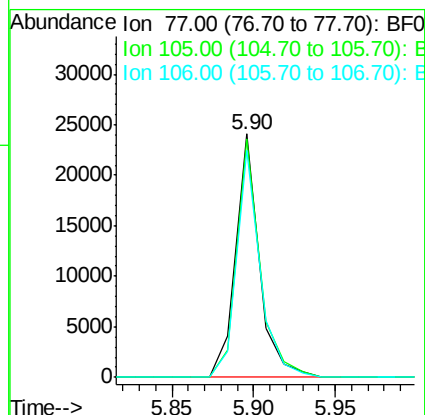
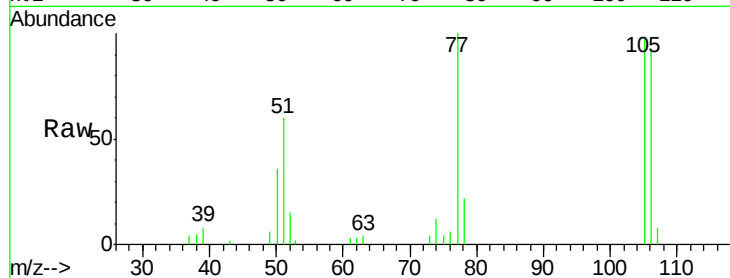
Tot Ion: 77 Resp: 23968

Ion Ratio Lower Upper

77 100

105 98.0 91.6 131.6

106 93.2 102.6 142.6#



#10

Phenol

Concen: 35.26 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

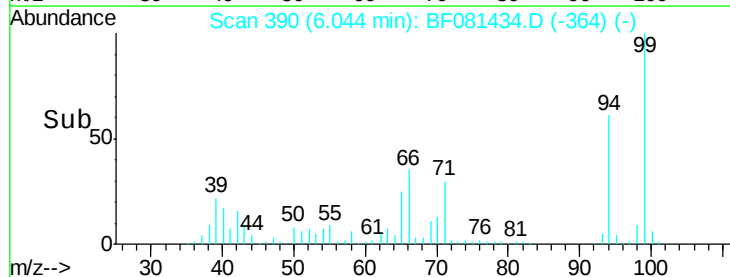
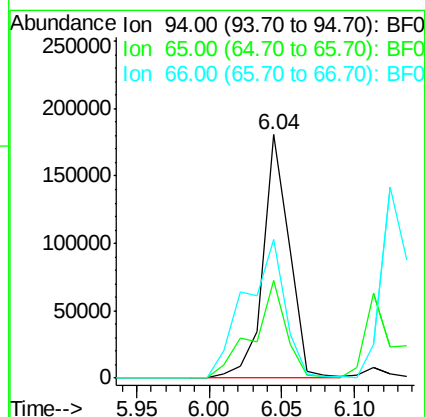
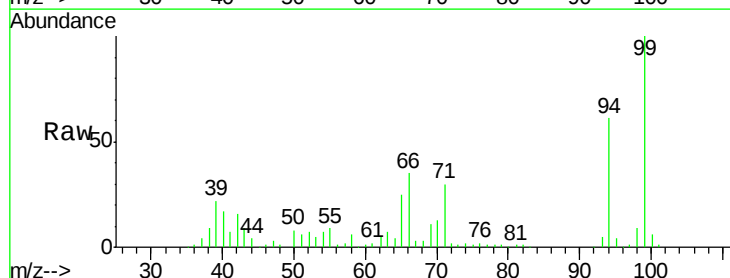
Tgt Ion: 94 Resp: 225676

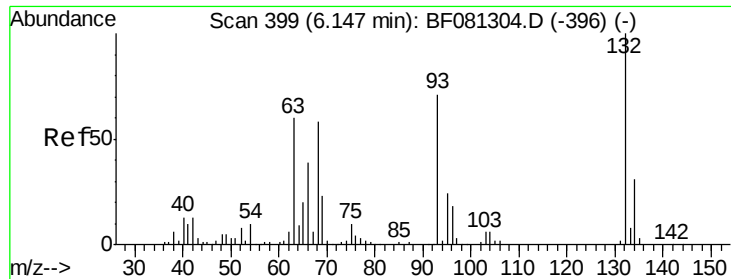
Ion Ratio Lower Upper

94 100

65 40.2 0.7 40.7

66 57.1 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 42.49 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

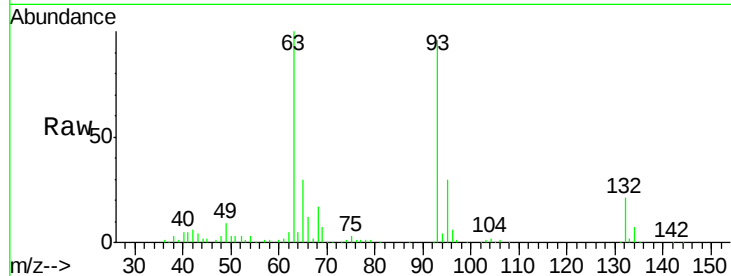
Tot Ion: 93 Resp: 196173

Ion Ratio Lower Upper

93 100

63 104.2 65.6 105.6

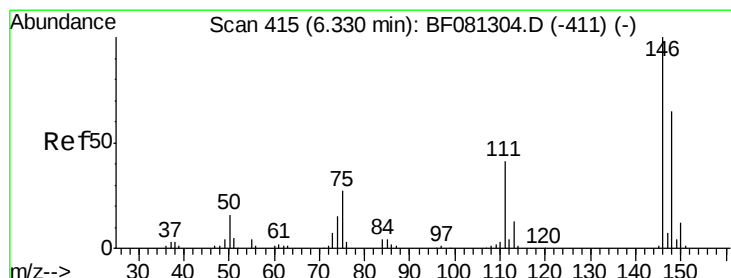
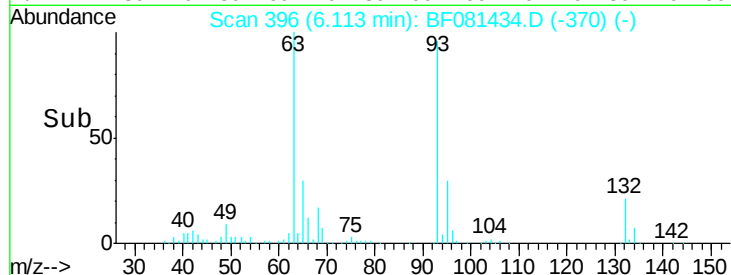
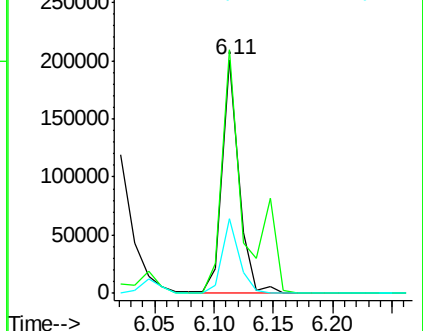
95 31.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.52 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

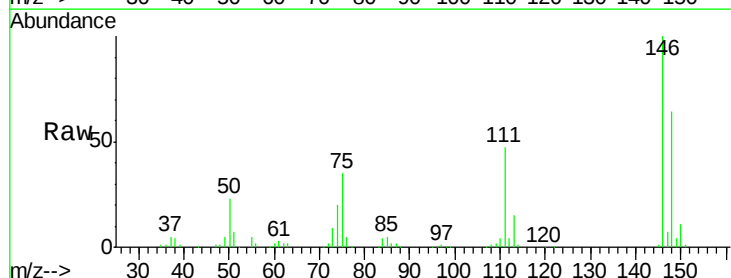
Tgt Ion: 146 Resp: 203826

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

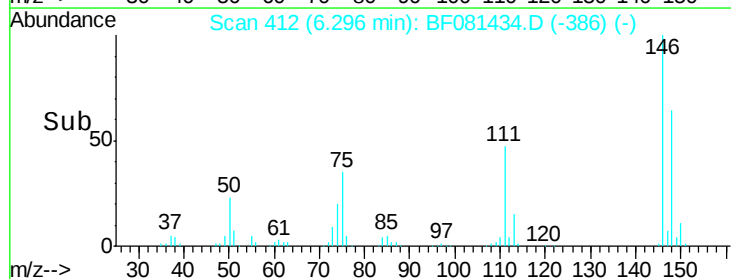
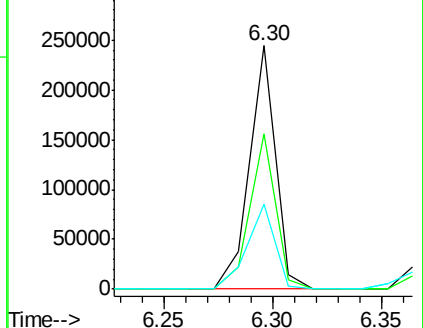
75 35.0 15.0 22.6#

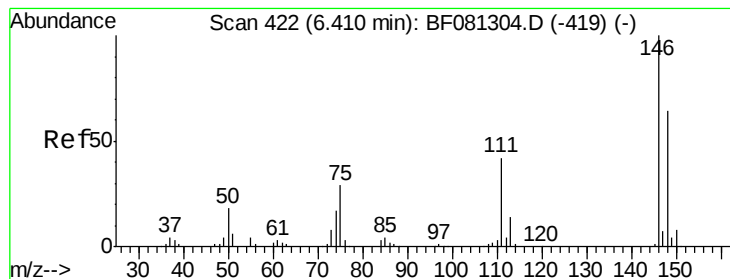


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.76 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

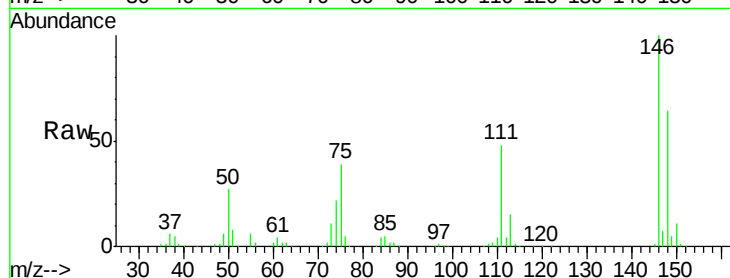
Tot Ion:146 Resp: 198692

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

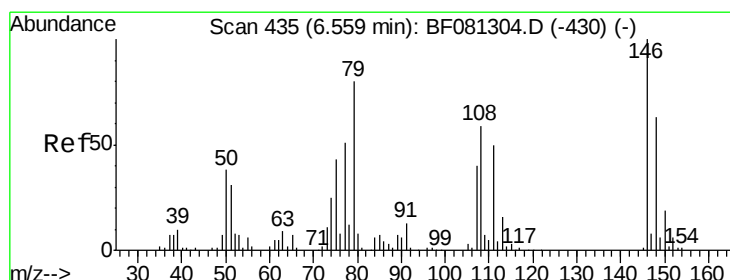
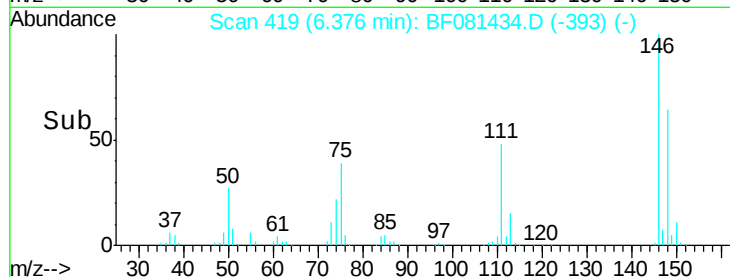
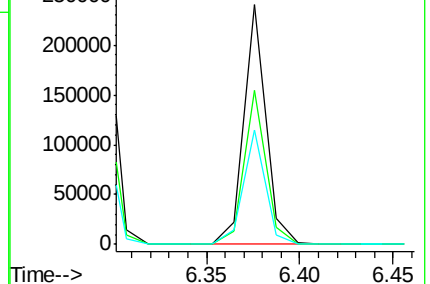
111 47.8 24.9 37.3#



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: 37.43 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

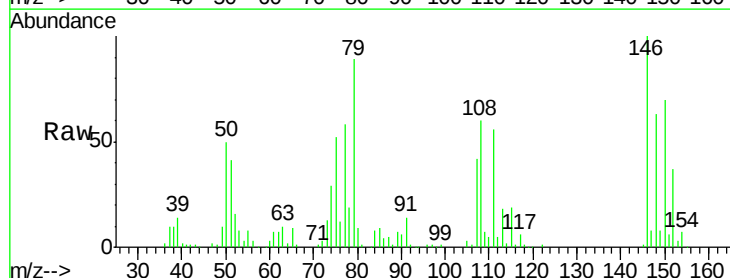
Tgt Ion:146 Resp: 168431

Ion Ratio Lower Upper

146 100

148 62.7 52.7 79.1

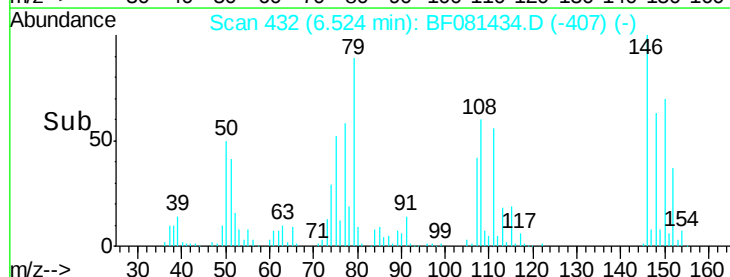
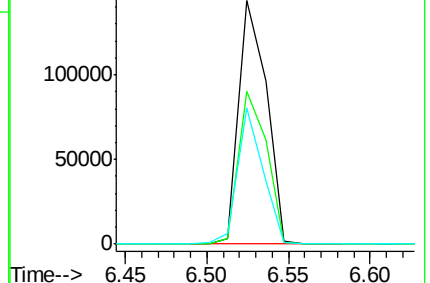
111 55.9 28.8 43.2#

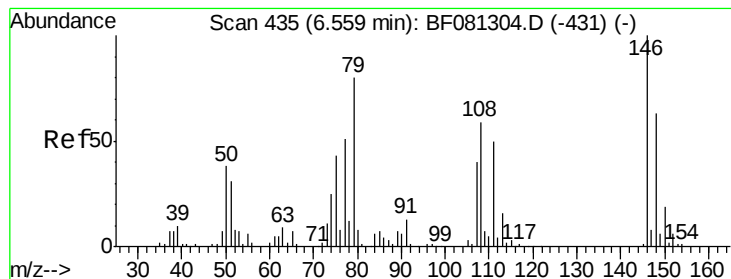


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.83 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampled :

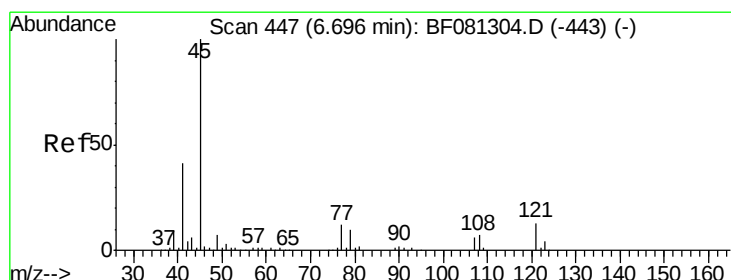
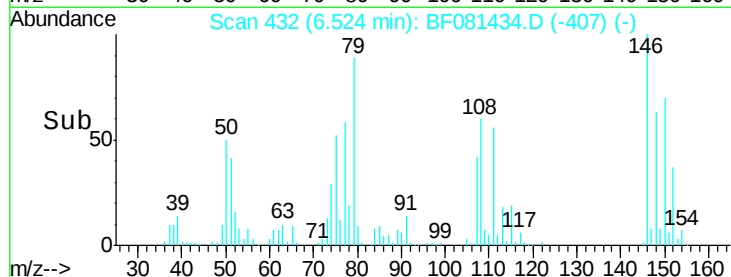
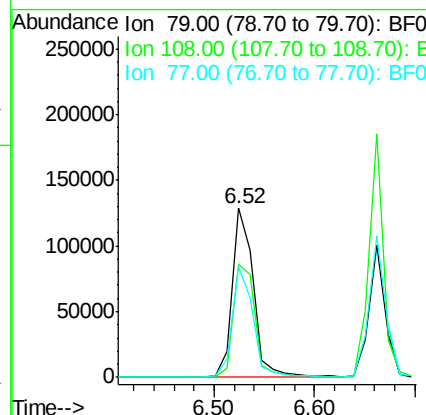
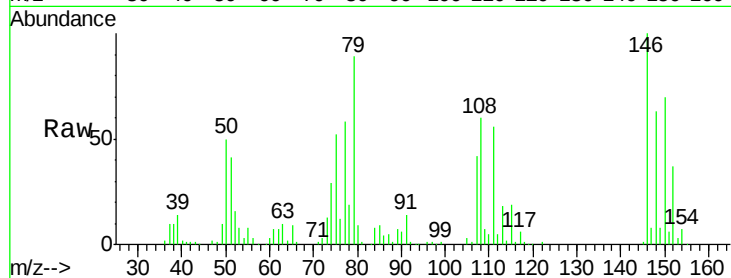
Tot Ion: 79 Resp: 189372

Ion Ratio Lower Upper

79 100

108 66.7 88.6 132.8#

77 65.2 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.98 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

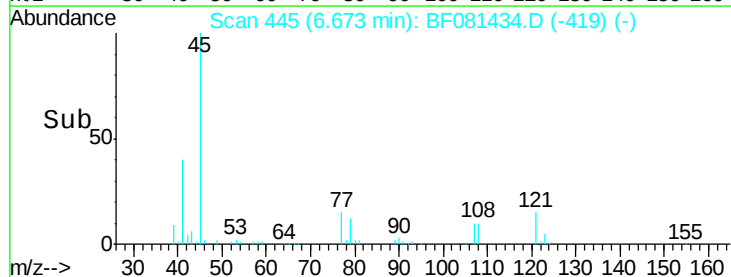
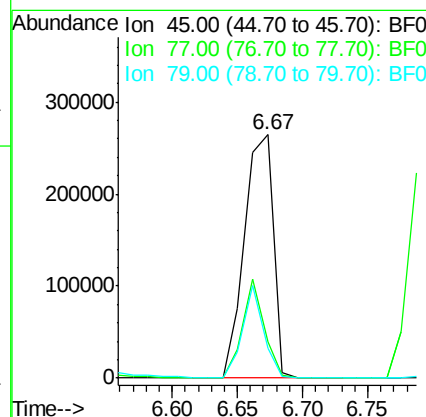
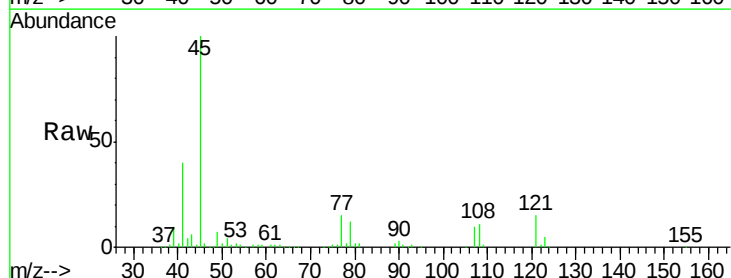
Tgt Ion: 45 Resp: 406915

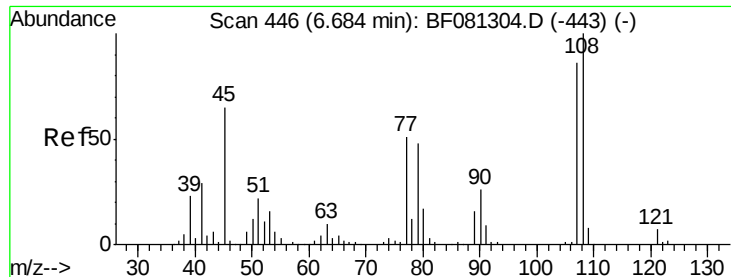
Ion Ratio Lower Upper

45 100

77 14.9 0.0 28.1

79 12.4 0.0 26.0





#17

2-Methylphenol

Concen: 44.83 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 164347

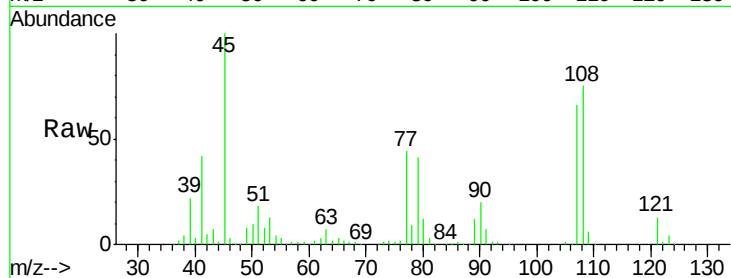
Ion Ratio Lower Upper

107 100

108 113.7 96.6 145.0

77 65.9 23.3 34.9#

79 62.0 22.0 33.0#

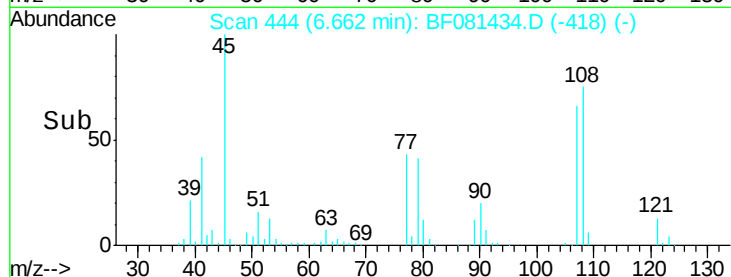


Abundance Ion 107.00 (106.70 to 107.70): E

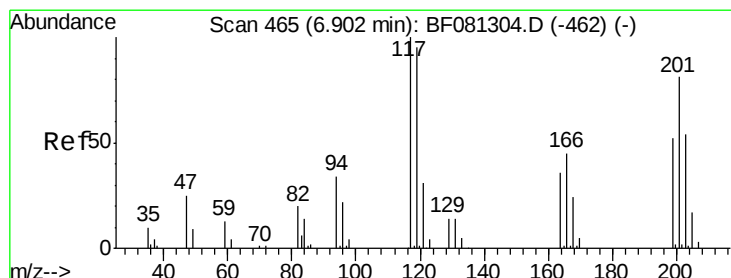
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.17 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

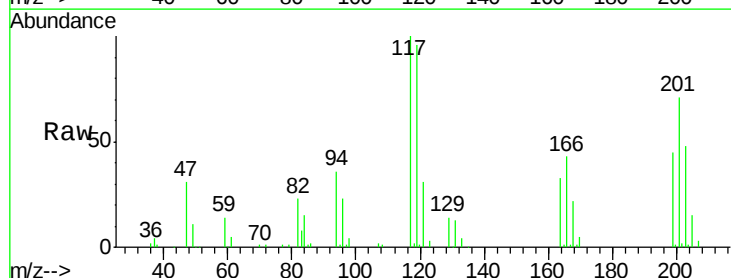
Tgt Ion:117 Resp: 76170

Ion Ratio Lower Upper

117 100

119 96.0 83.8 125.6

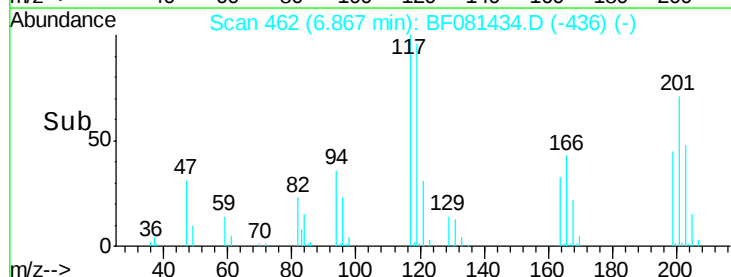
201 70.8 55.1 82.7



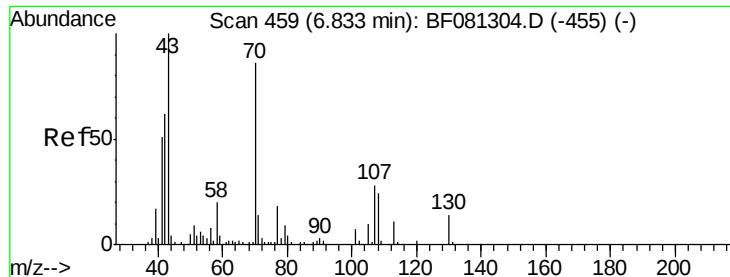
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



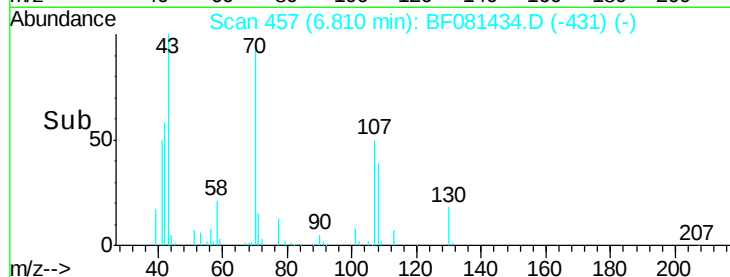
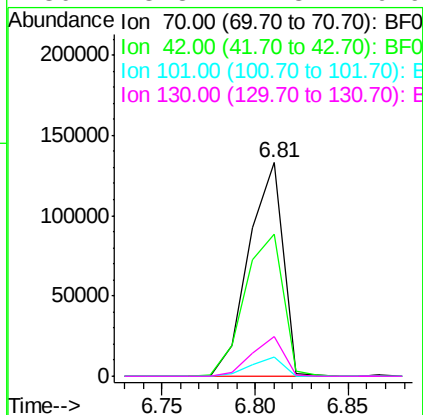
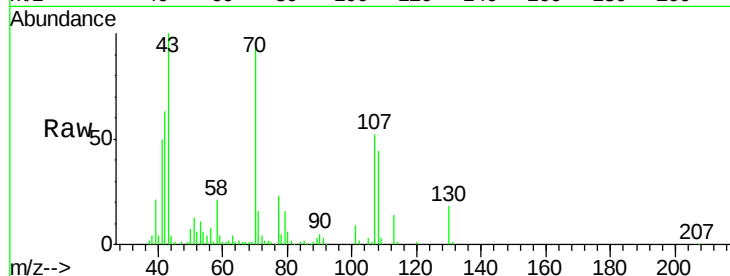
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.05 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

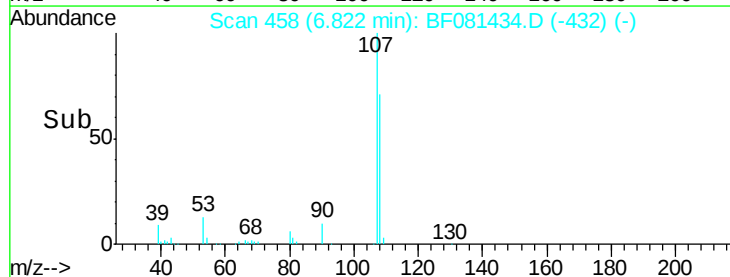
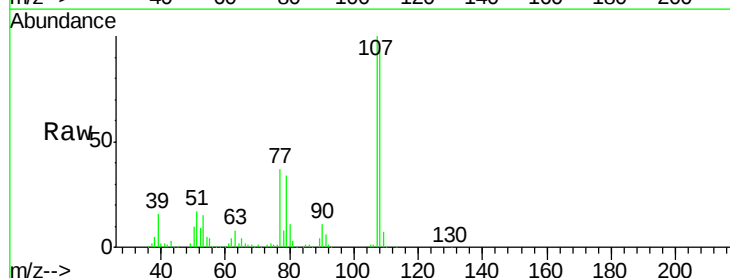
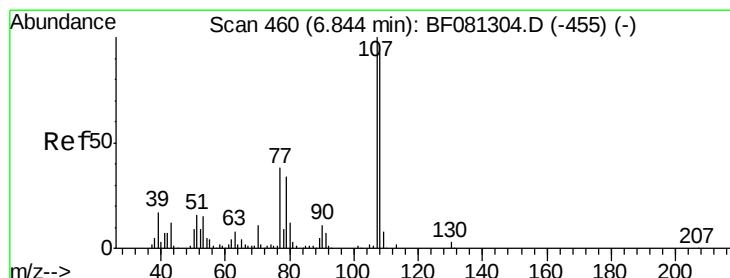
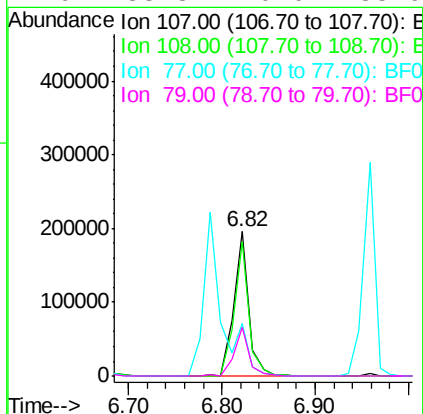
Instrument :
BNA_F
ClientSampleId :

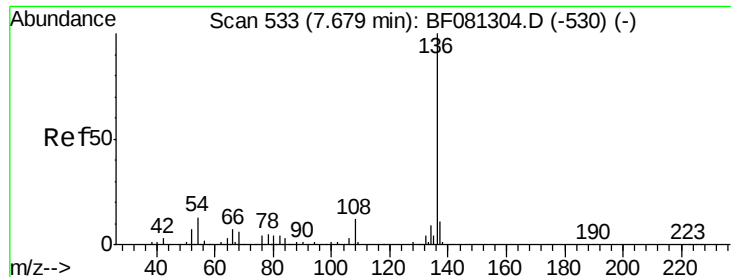
Tot Ion: 70 Resp: 169219
Ion Ratio Lower Upper
70 100
42 66.8 63.8 95.6
101 9.1 9.2 13.8#
130 18.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 44.50 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 107 Resp: 219947
Ion Ratio Lower Upper
107 100
108 92.8 74.6 114.6
77 36.6 0.7 40.7
79 33.8 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081434.D

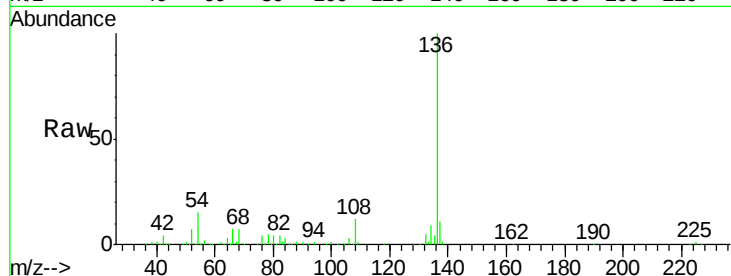
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	252933
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	14.8	8.2 12.2#
68	6.8	5.8 8.6

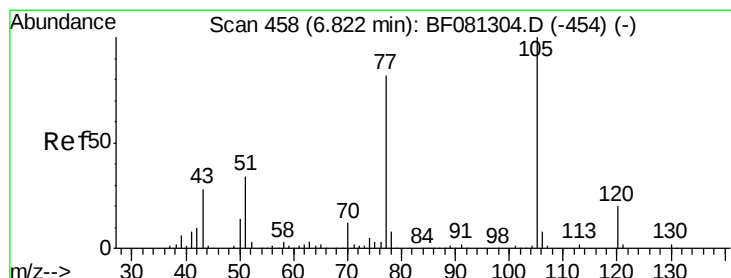
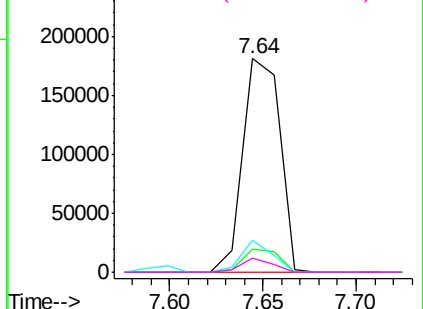
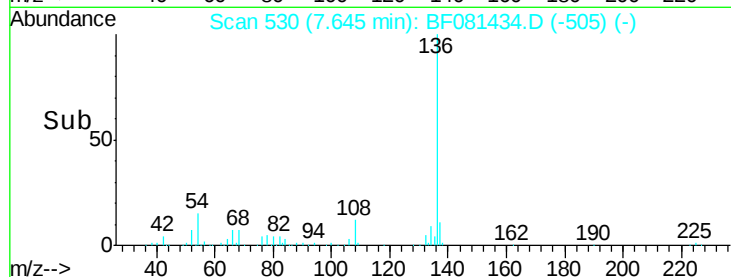


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.41 ng

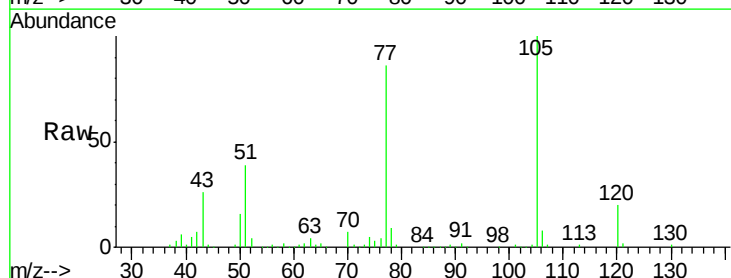
RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:105	Resp:	292990
Ion Ratio	Lower	Upper
105	100	
71	1.3	4.7 7.1#
51	38.8	22.0 33.0#
120	20.4	30.1 45.1#

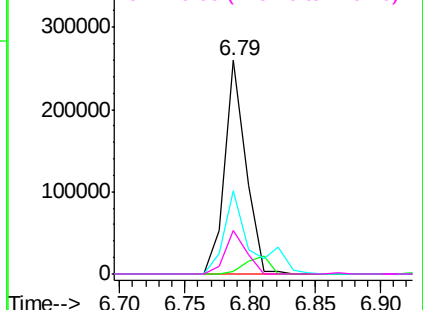
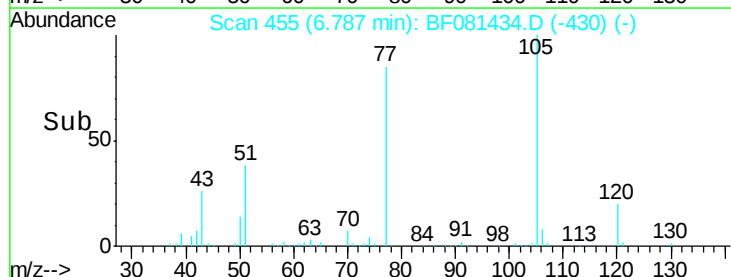


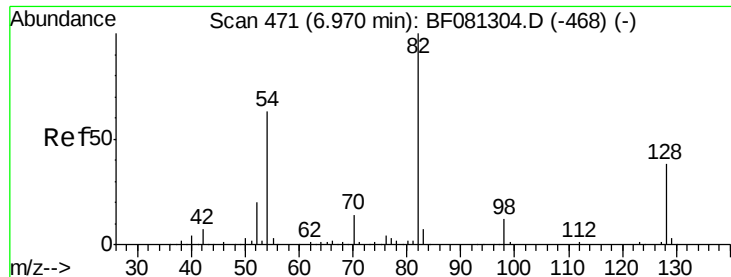
Abundance Ion 105.00 (104.70 to 105.70): E

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

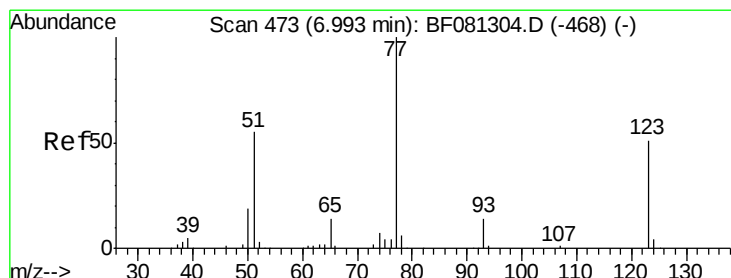
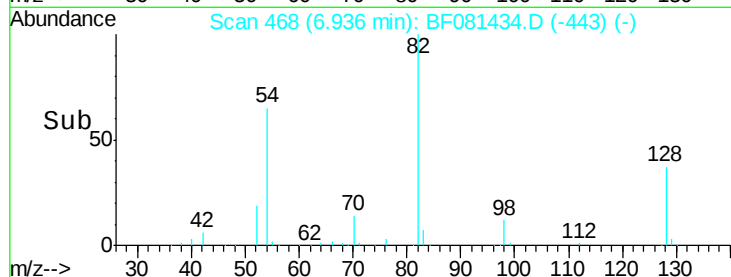
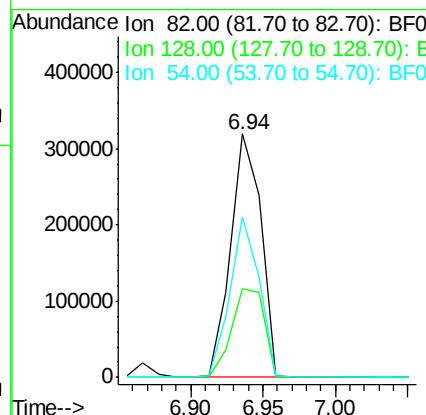
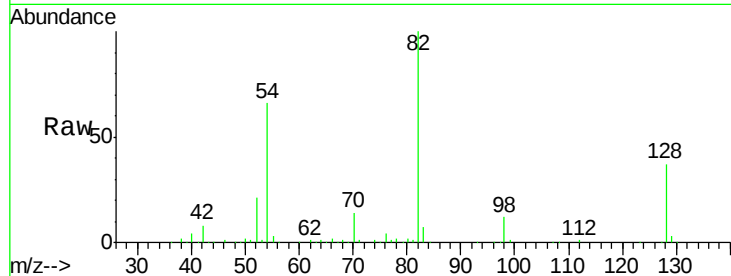




#23
 Nitrobenzene-d5
 Concen: 88.15 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

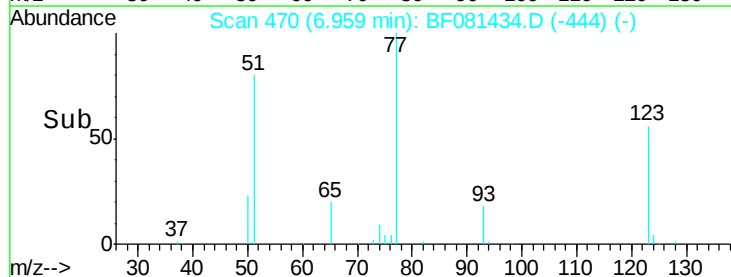
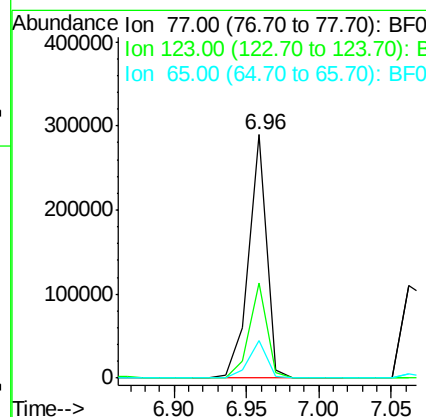
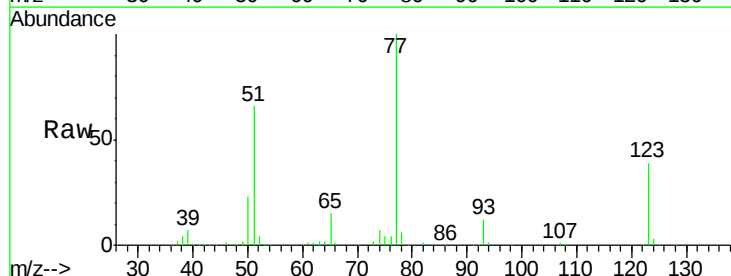
Instrument :
 BNA_F
 ClientSampleId :

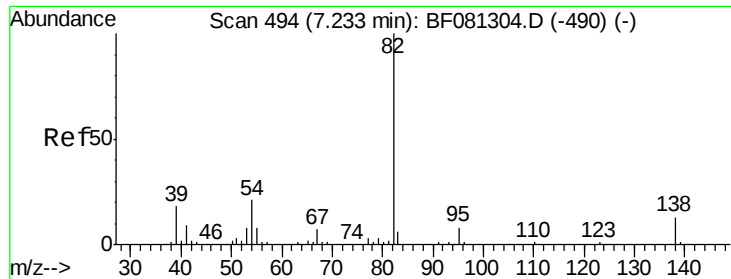
Tot Ion: 82 Resp: 462135
 Ion Ratio Lower Upper
 82 100
 128 36.6 51.0 76.6#
 54 66.1 47.5 71.3



#24
 Nitrobenzene
 Concen: 46.22 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion: 77 Resp: 251624
 Ion Ratio Lower Upper
 77 100
 123 38.9 59.8 89.8#
 65 15.3 10.2 15.4





#25

Isophorone

Concen: 42.50 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

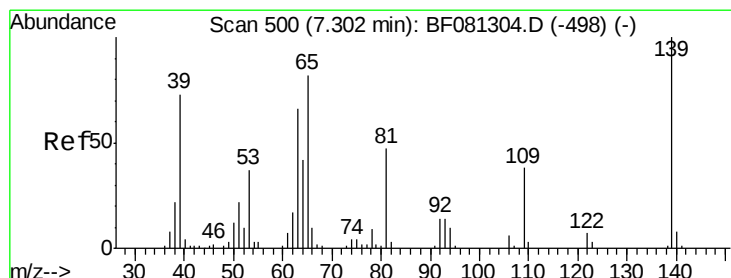
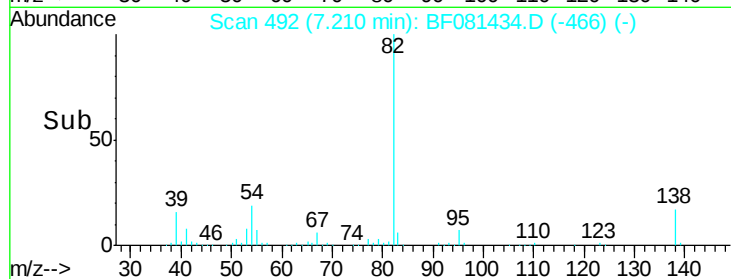
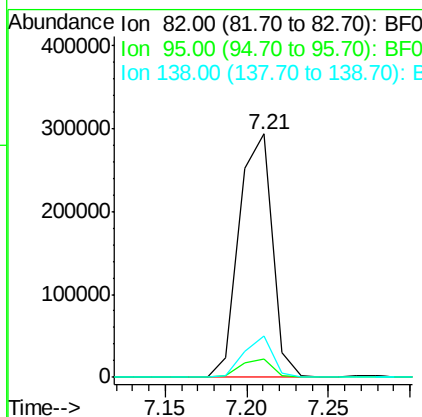
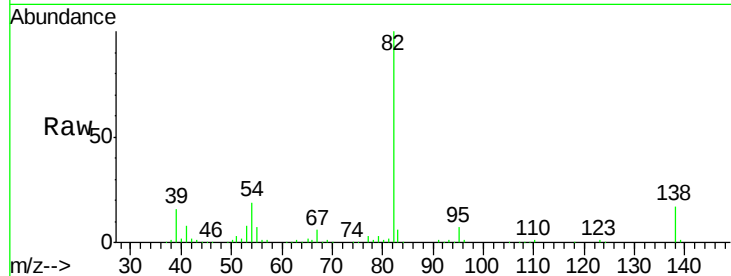
Tot Ion: 82 Resp: 414465

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 16.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 45.44 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

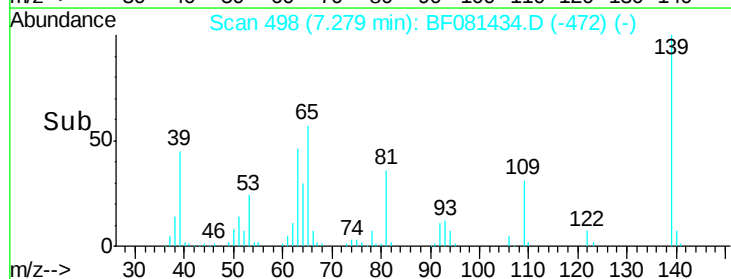
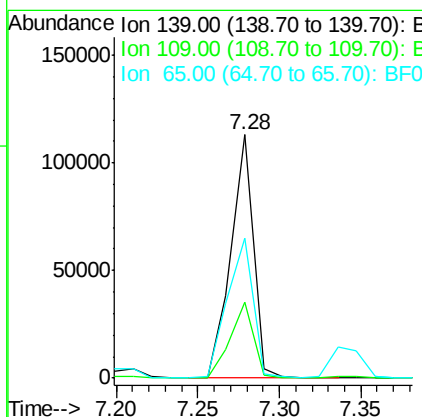
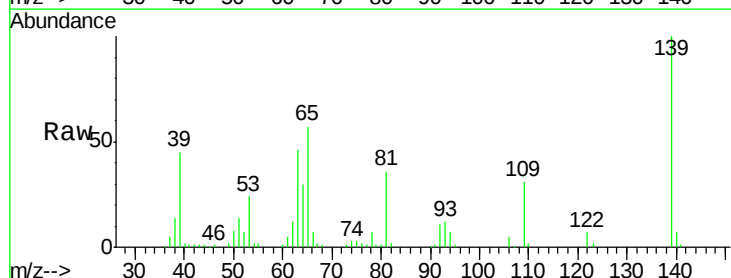
Tgt Ion: 139 Resp: 107831

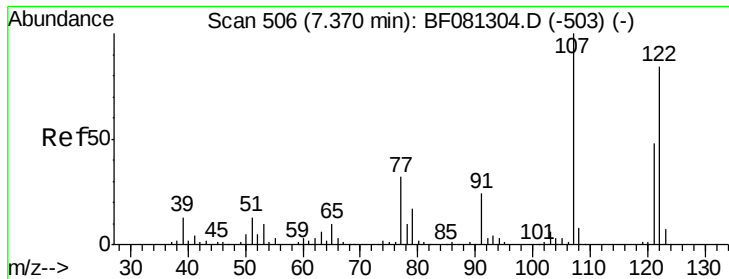
Ion Ratio Lower Upper

139 100

109 31.1 11.0 16.4#

65 57.4 24.7 37.1#

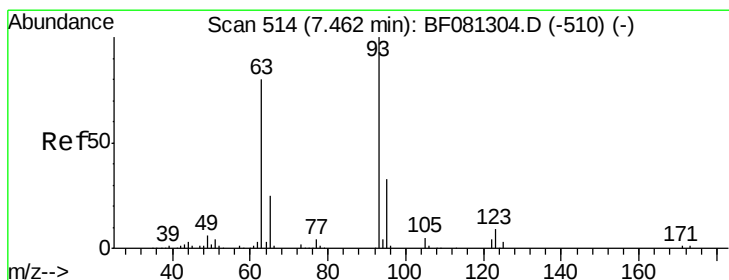
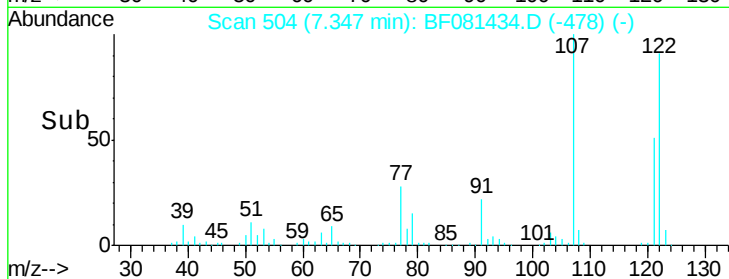
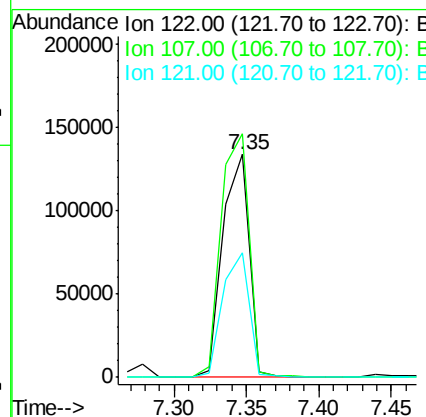
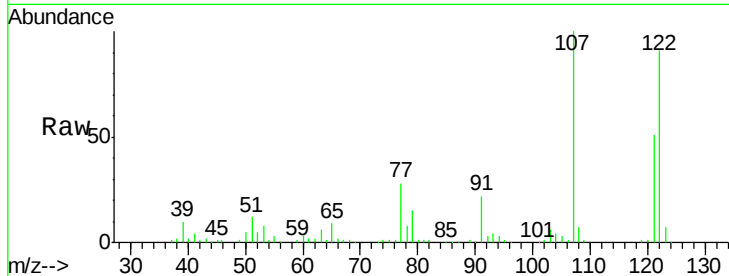




#27
 2,4-Dimethylphenol
 Concen: 41.59 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

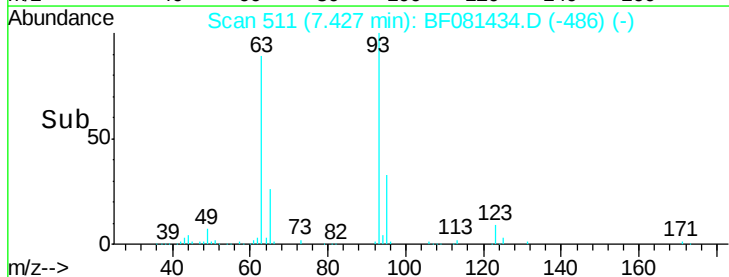
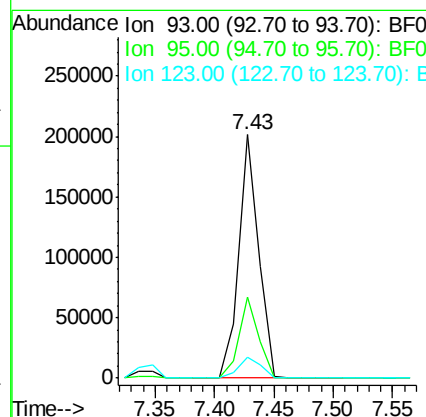
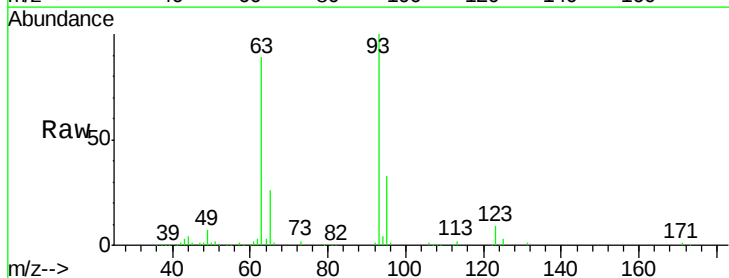
Instrument :
 BNA_F
 ClientSampleId :

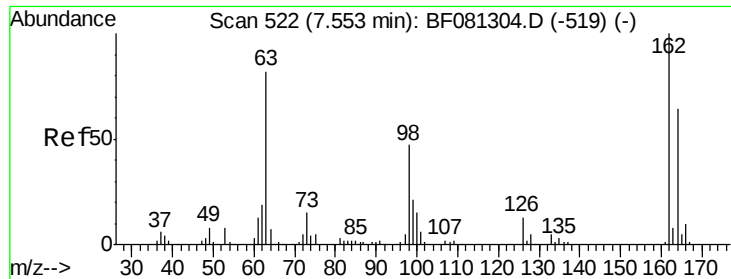
Tot Ion:122 Resp: 170467
 Ion Ratio Lower Upper
 122 100
 107 109.4 71.8 107.6#
 121 55.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.62 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion: 93 Resp: 234448
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 8.7 13.7 20.5#

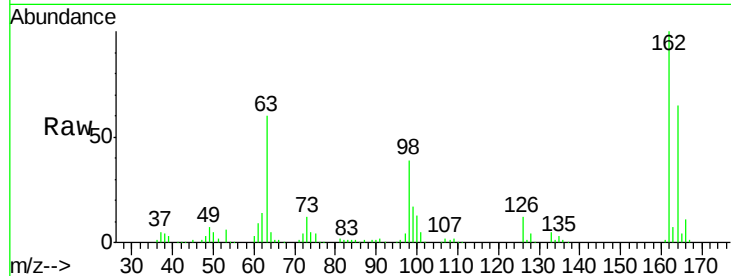




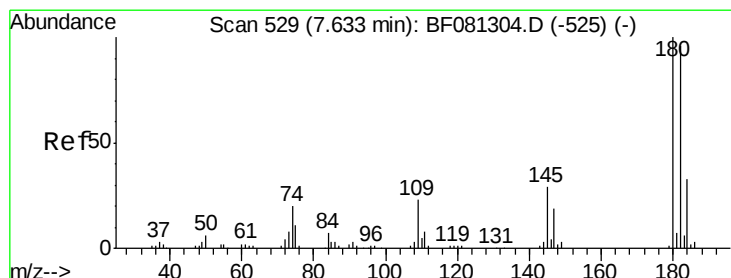
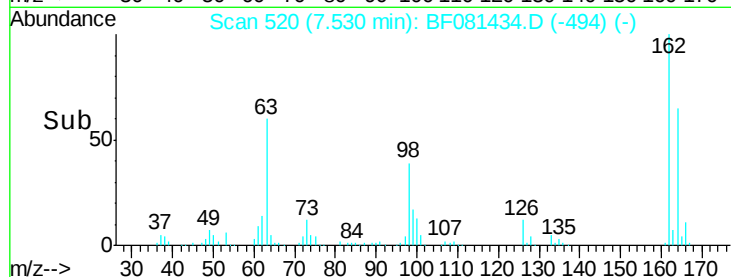
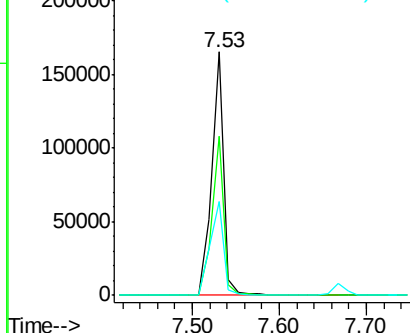
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	38.8	13.0	53.0

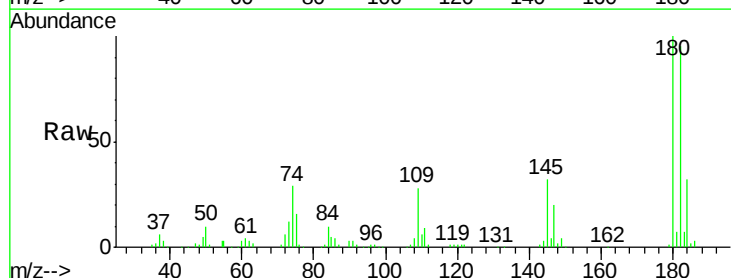


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

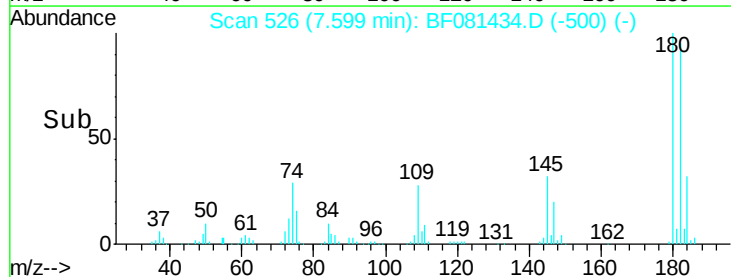
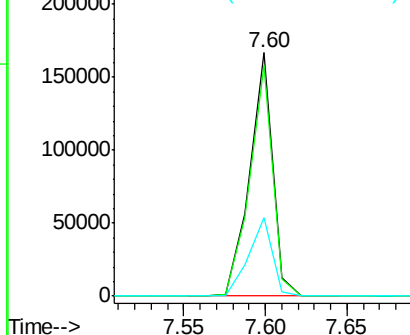


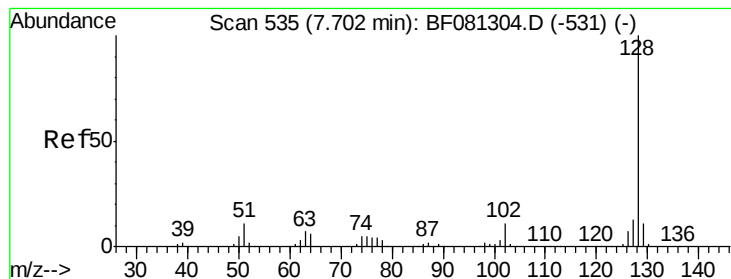
#30
 1,2,4-Trichlorobenzene
 Concen: 42.19 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	32.4	23.3	34.9



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





#31

Naphthalene

Concen: 38.17 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

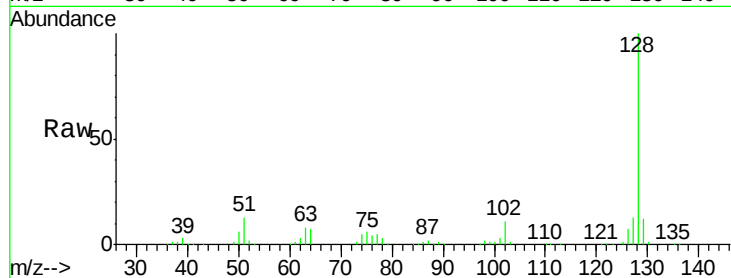
Tot Ion:128 Resp: 514824

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

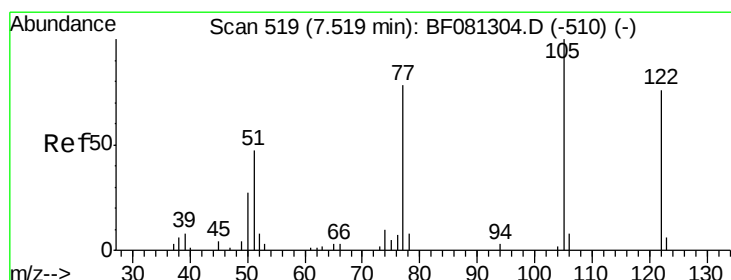
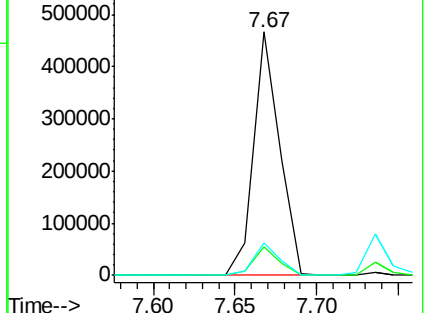
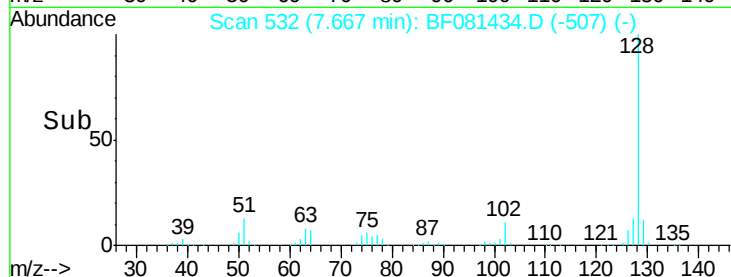
127 13.1 9.9 14.9



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: 57.72 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.15 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

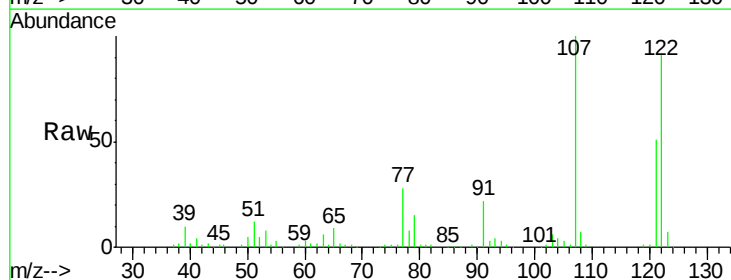
Tgt Ion:122 Resp: 170467

Ion Ratio Lower Upper

122 100

105 3.6 76.1 116.1#

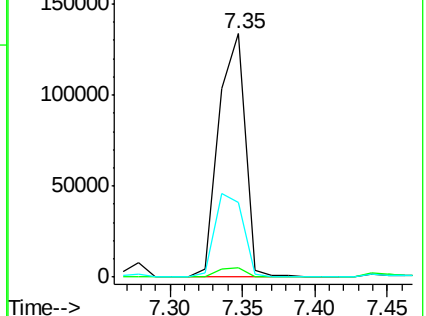
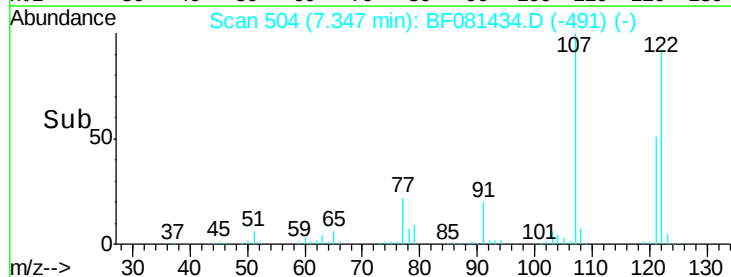
77 30.8 40.5 80.5#

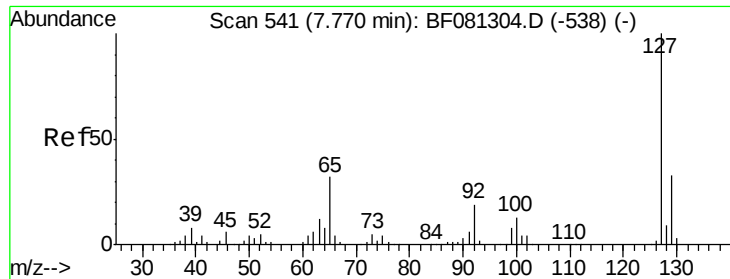


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

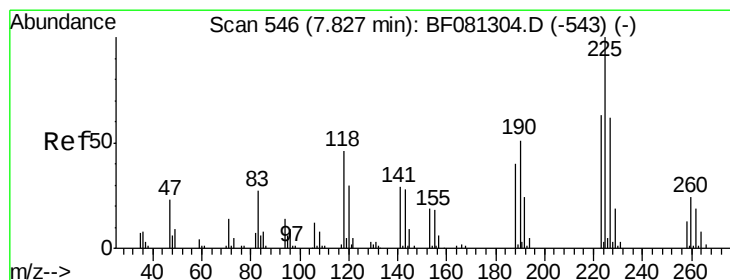
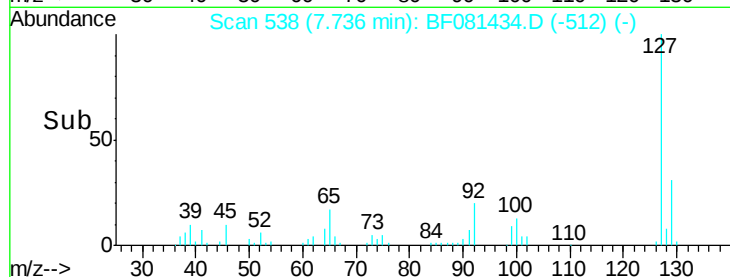
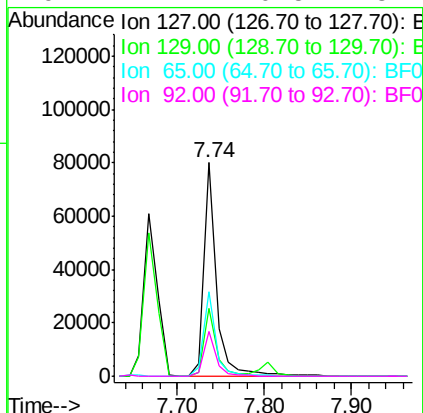
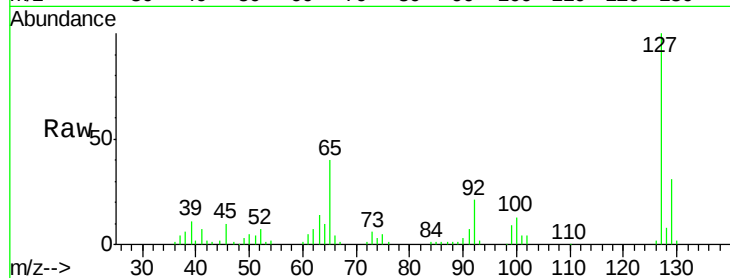




#33
 4-Chloroaniline
 Concen: 14.66 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

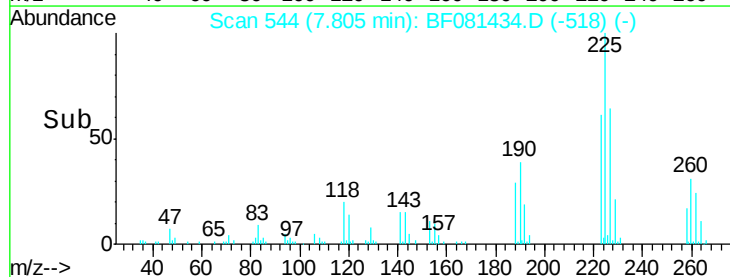
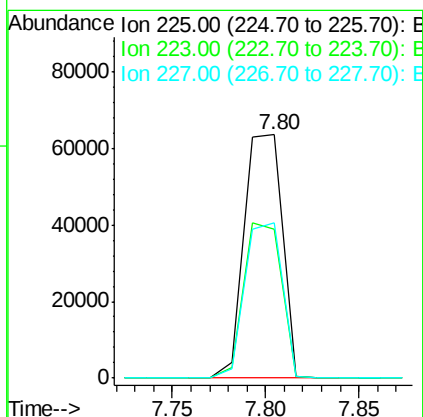
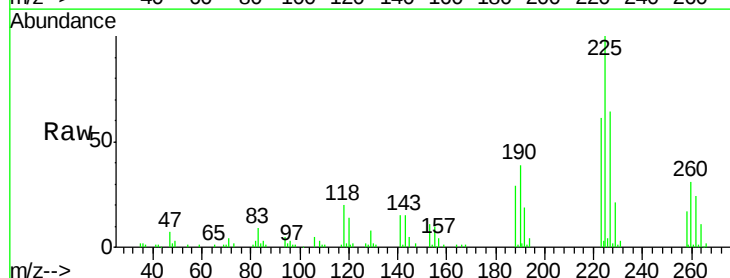
Instrument :
 BNA_F
 ClientSampleId :

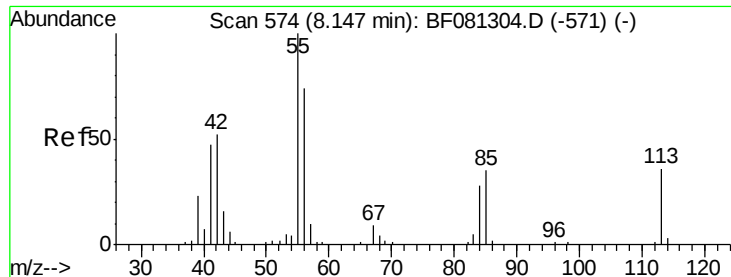
Tot Ion:127 Resp: 80641
 Ion Ratio Lower Upper
 127 100
 129 31.5 25.8 38.6
 65 39.7 17.9 26.9#
 92 21.1 10.5 15.7#



#34
 Hexachlorobutadiene
 Concen: 38.30 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:225 Resp: 89982
 Ion Ratio Lower Upper
 225 100
 223 61.1 50.2 75.2
 227 63.6 52.2 78.2





#35

Caprolactam

Concen: 23.78 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

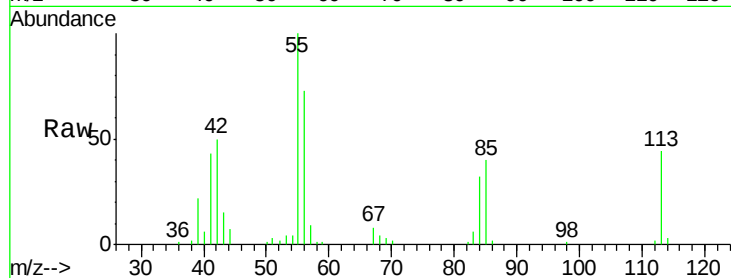
Tot Ion:113 Resp: 25925

Ion Ratio Lower Upper

113 100

55 228.1 152.4 192.4#

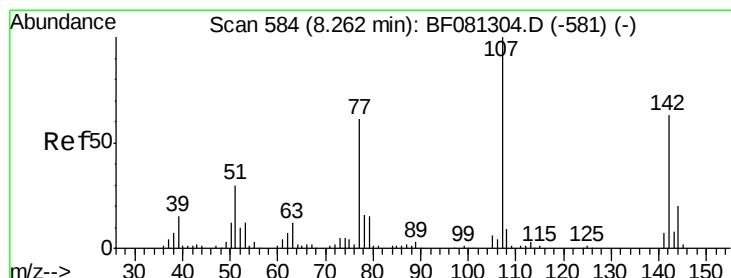
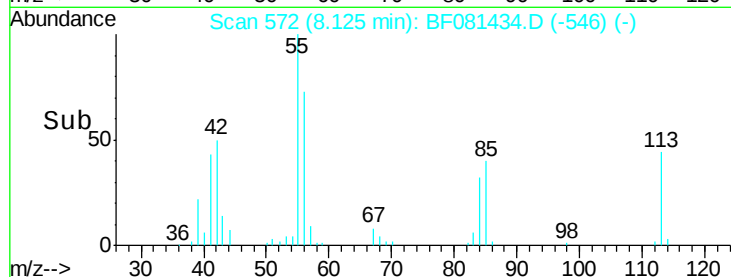
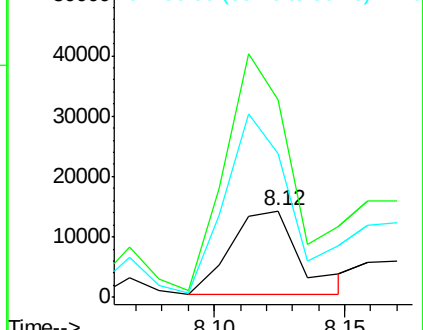
56 165.5 104.6 144.6#



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: 48.50 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

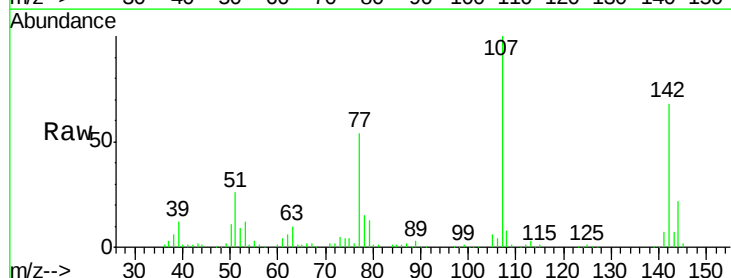
Tgt Ion:107 Resp: 192914

Ion Ratio Lower Upper

107 100

144 21.5 25.4 38.0#

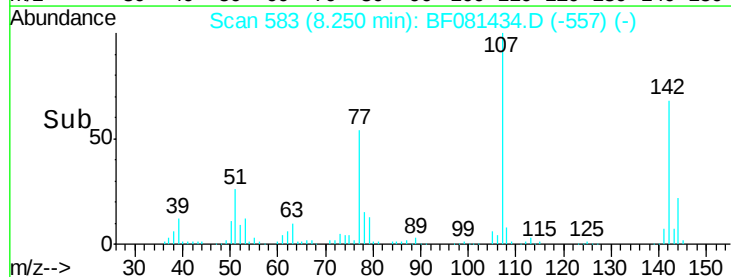
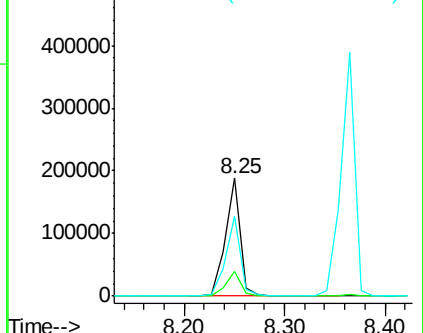
142 68.1 77.3 115.9#

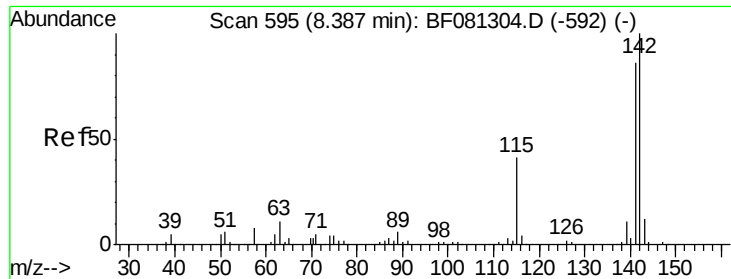


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

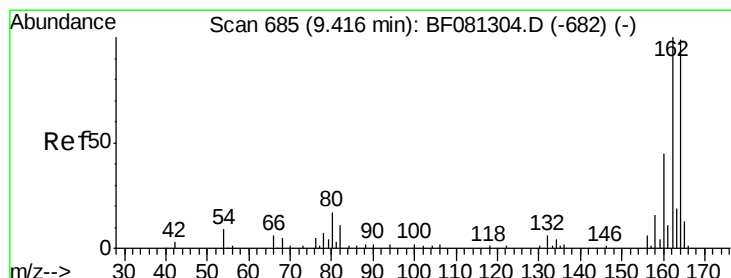
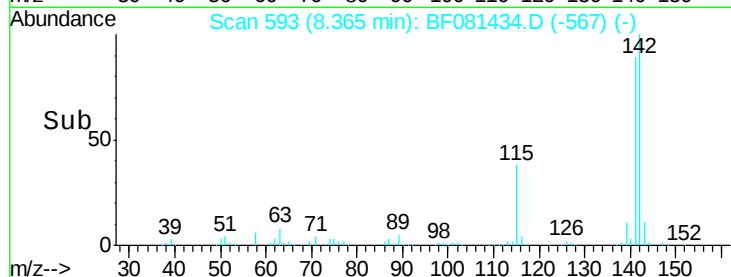
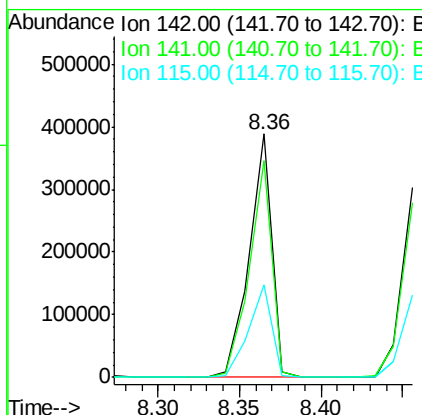
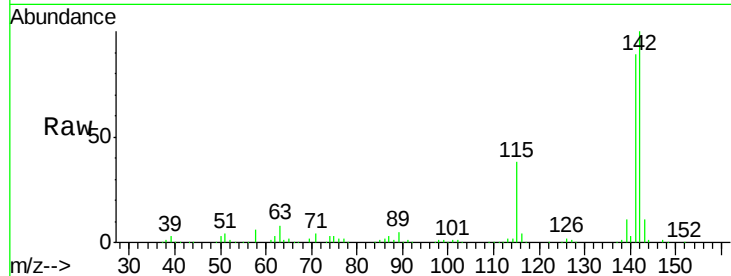




#37
 2-Methylnaphthalene
 Concen: 42.47 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

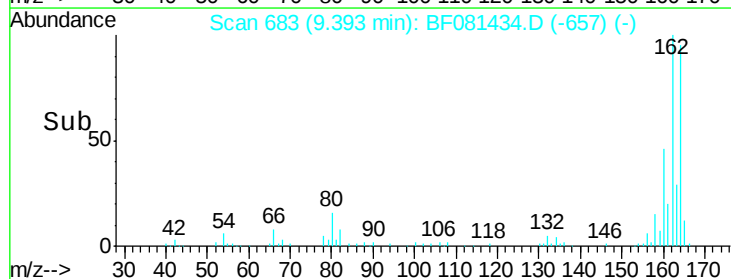
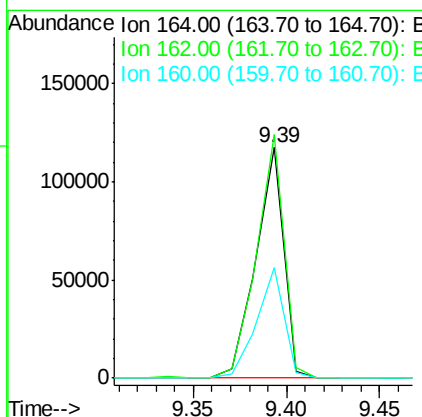
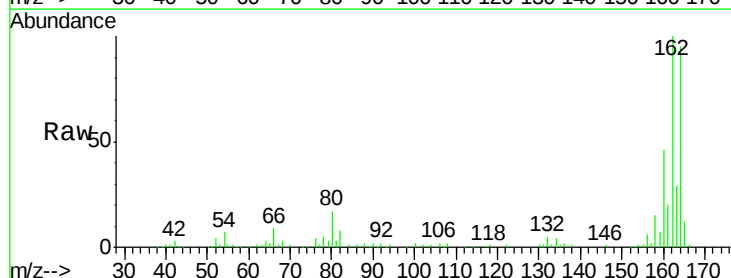
Instrument :
 BNA_F
 ClientSampleId :

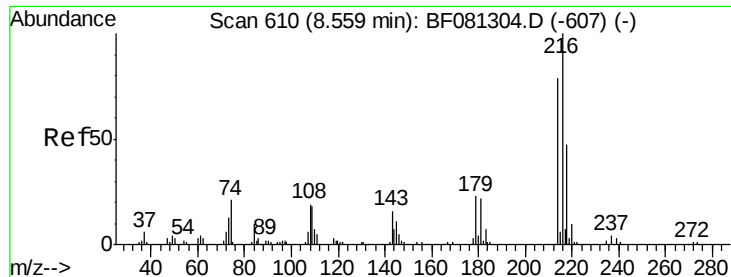
Tot Ion:142 Resp: 372855
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 38.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:164 Resp: 120837
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 48.2 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.71 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

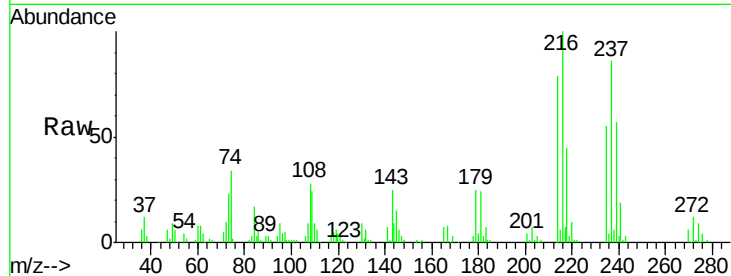
Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampled :



Tot Ion:216 Resp: 140279

Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.3 16.6 24.8

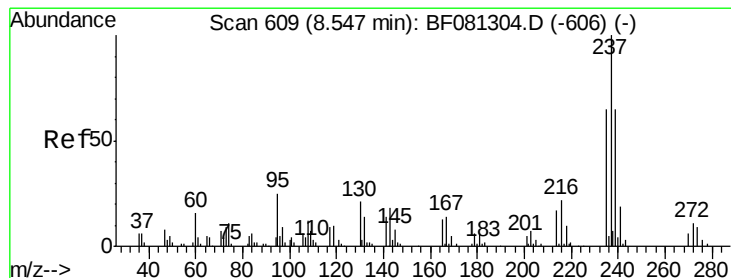
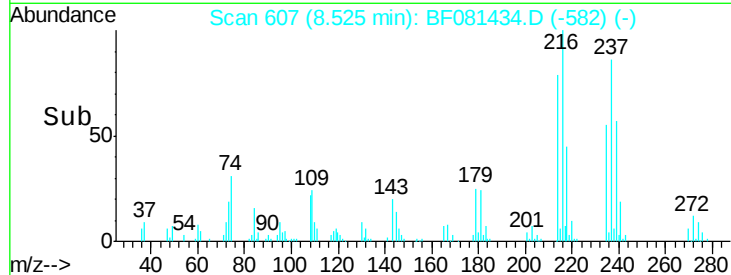
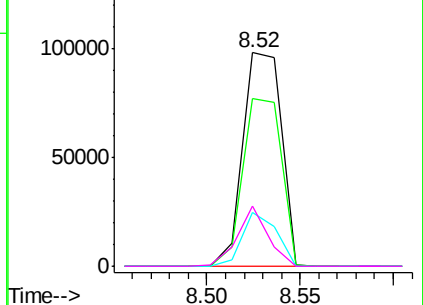
108 22.7 16.3 24.5

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.51 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:237 Resp: 139741

Ion Ratio Lower Upper

237 100

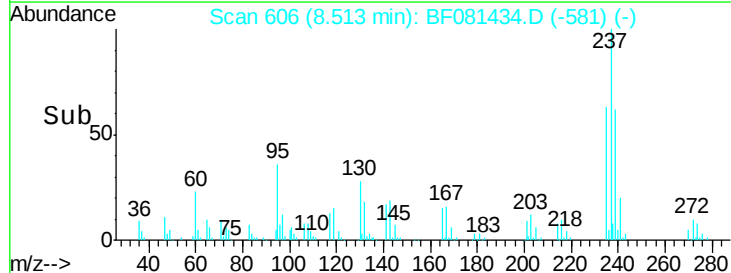
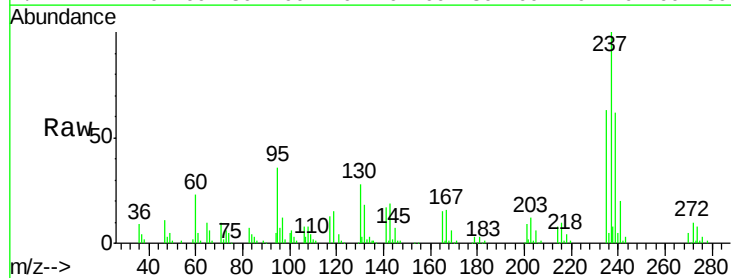
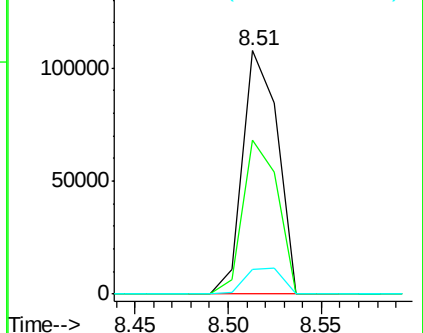
235 63.5 42.0 82.0

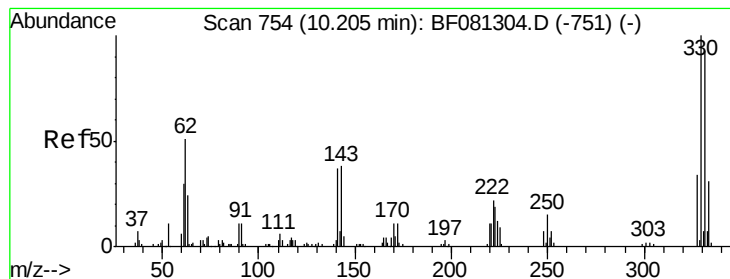
272 10.2 0.0 36.1

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: 132.66 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

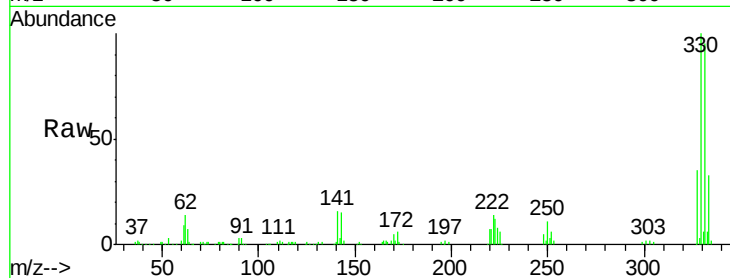
Tot Ion:330 Resp: 142730

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

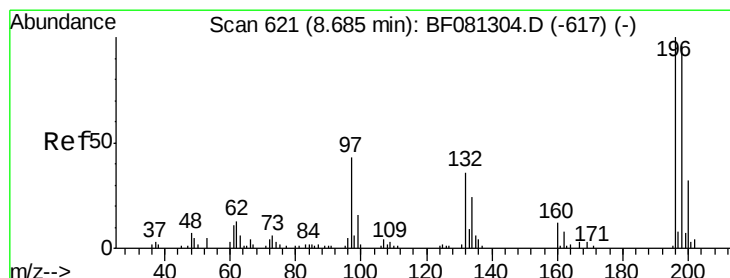
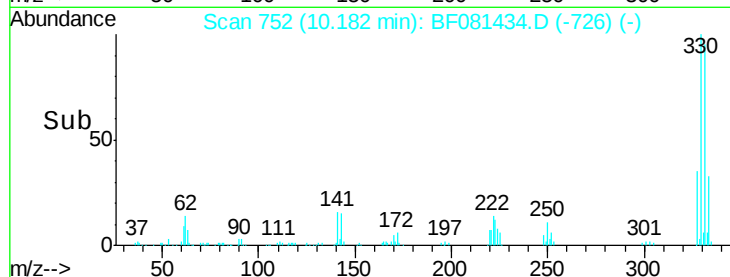
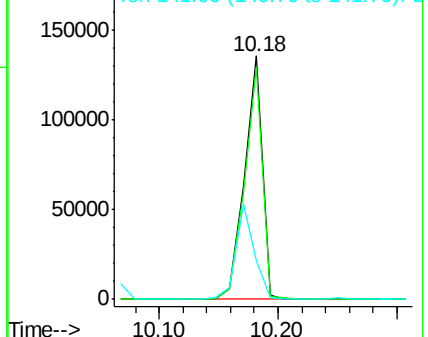
141 39.7 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.59 ng

RT: 8.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

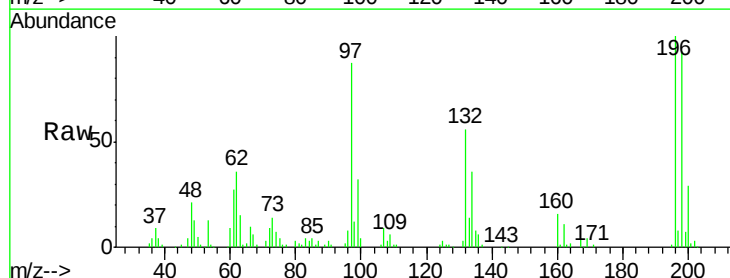
Tgt Ion:196 Resp: 101772

Ion Ratio Lower Upper

196 100

198 93.0 75.7 113.5

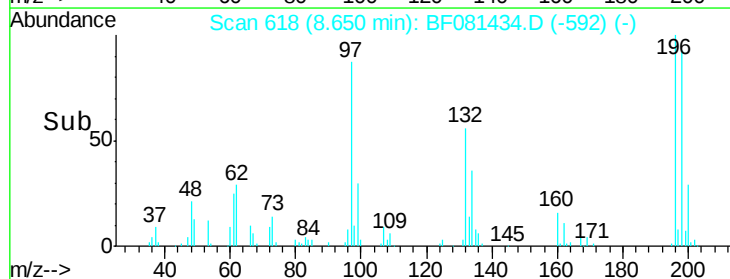
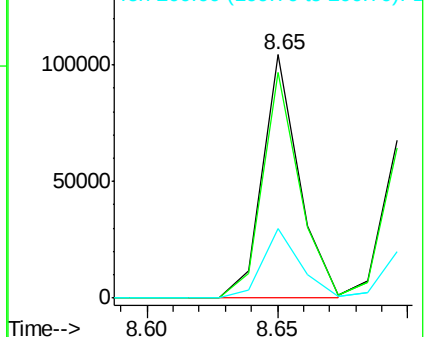
200 28.7 23.9 35.9

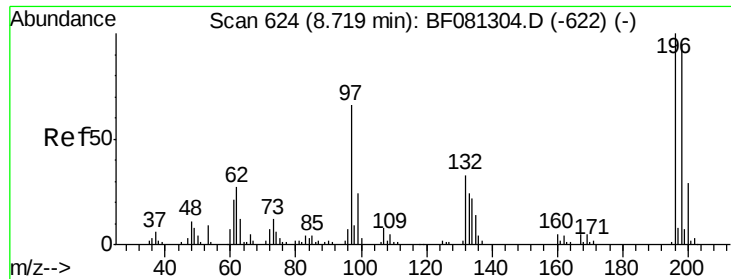


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

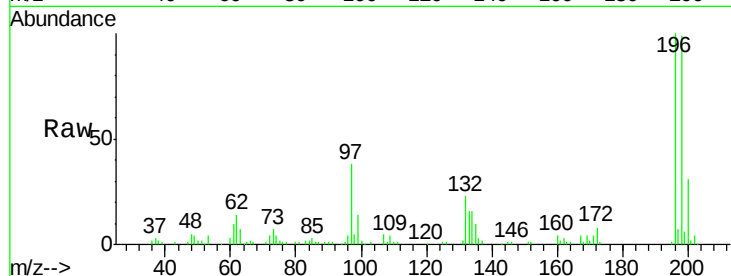




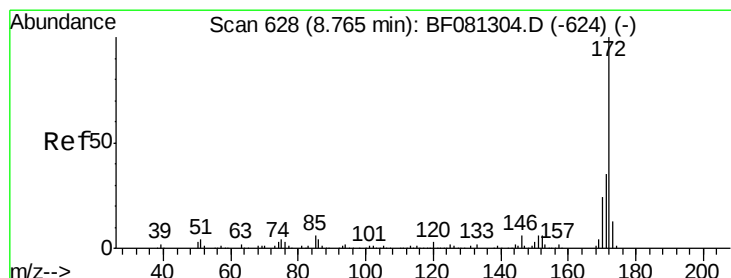
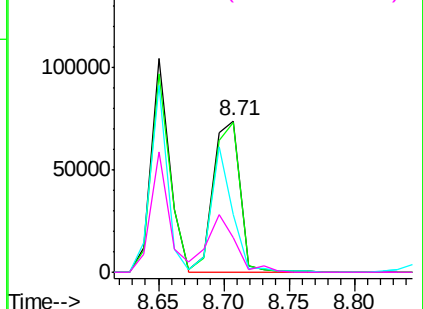
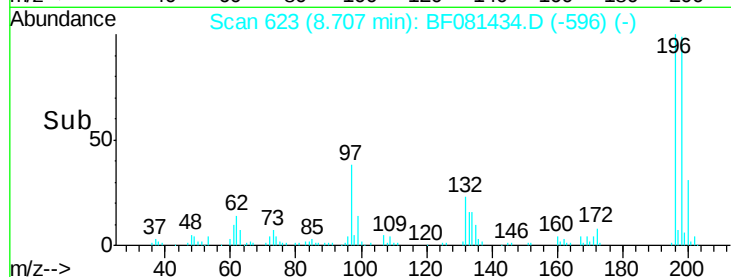
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	106210
Ion	Ratio	Lower	Upper
196	100		
198	98.8	75.4	113.0
97	38.2	33.3	49.9
132	22.7	24.6	37.0#

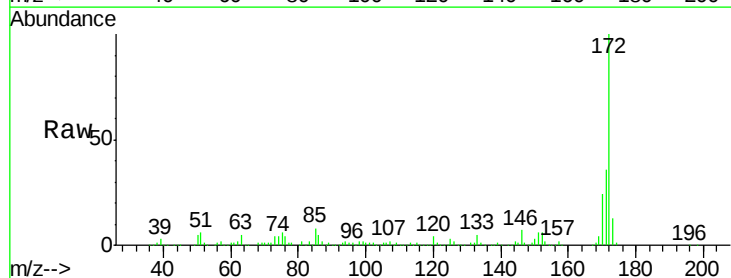


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

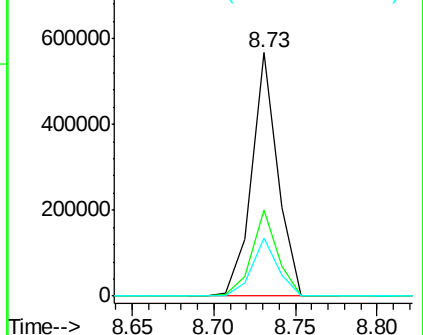
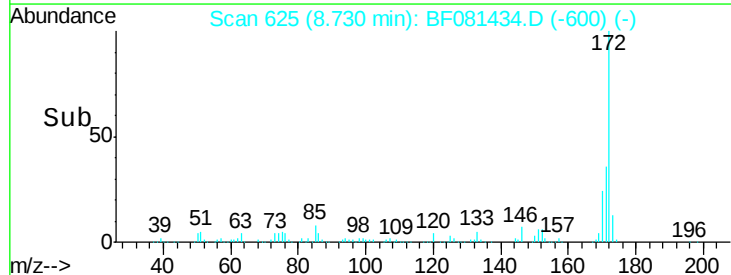


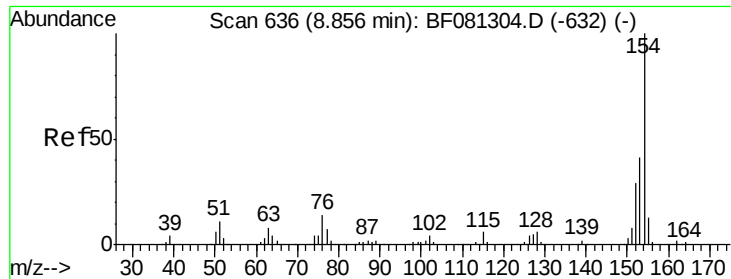
#44
 2-Fluorobiphenyl
 Concen: 66.57 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:	172	Resp:	627705
Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.9	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

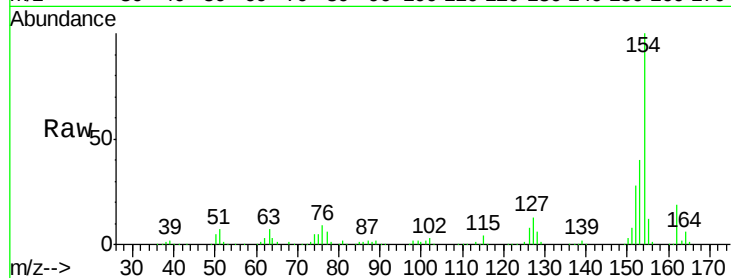




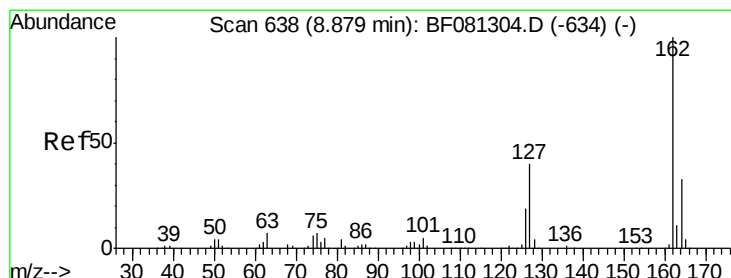
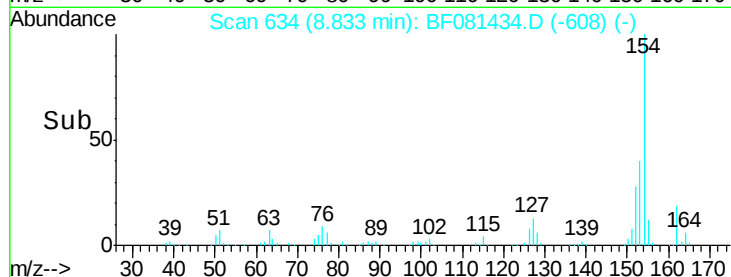
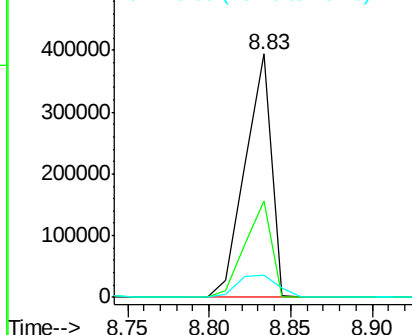
#45
 1,1'-Biphenyl
 Concen: 39.42 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 438194
 Ion Ratio Lower Upper
 154 100
 153 39.6 17.1 57.1
 76 9.1 0.0 31.6

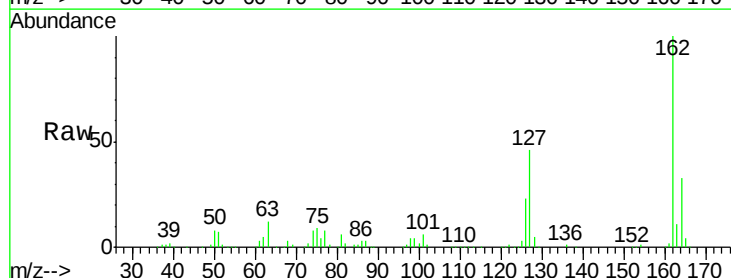


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

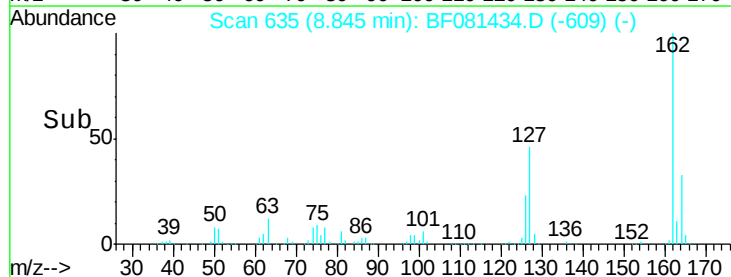
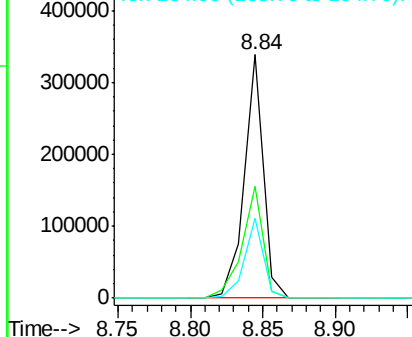


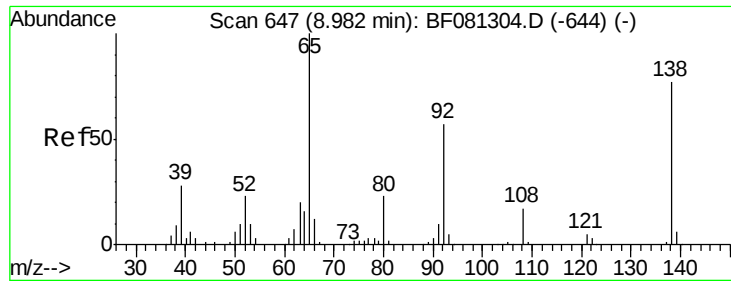
#46
 2-Chloronaphthalene
 Concen: 38.38 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:162 Resp: 308156
 Ion Ratio Lower Upper
 162 100
 127 46.0 27.6 41.4#
 164 32.7 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

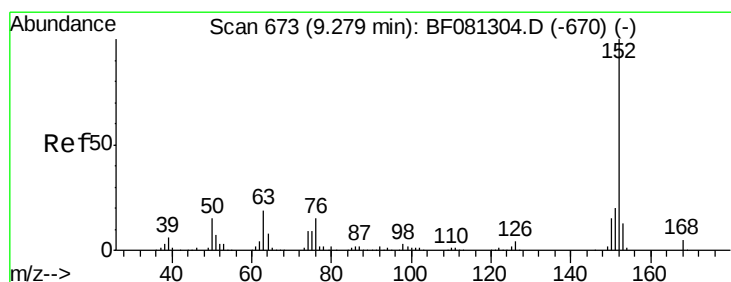
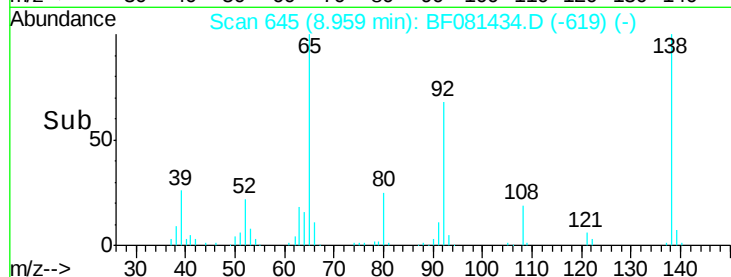
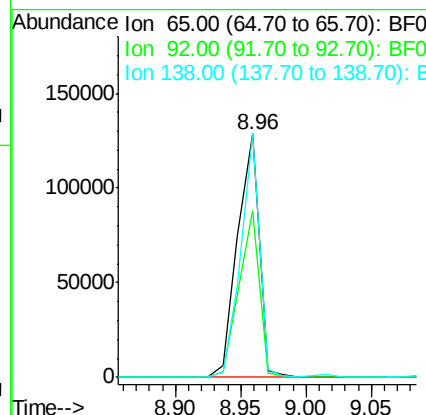
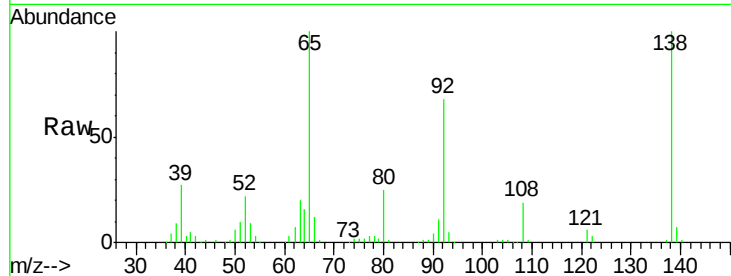




#47
 2-Nitroaniline
 Concen: 45.17 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

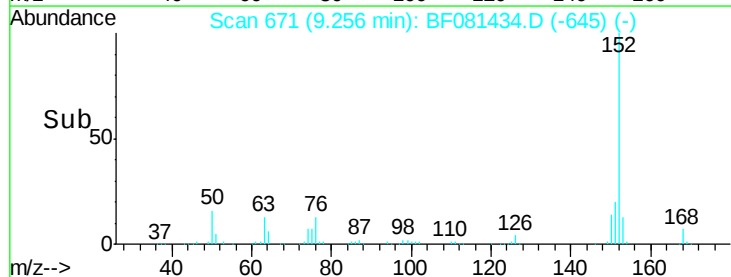
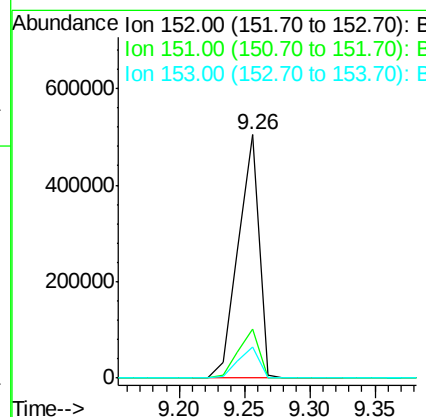
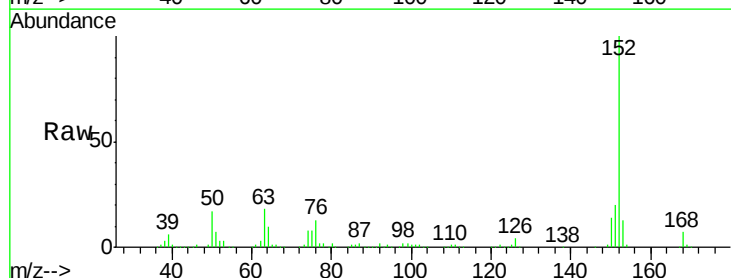
Instrument :
 BNA_F
 ClientSampleId :

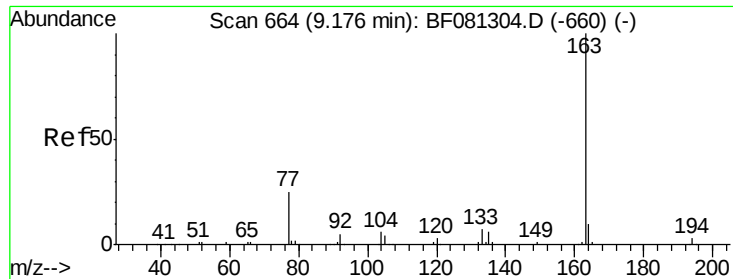
Tot Ion: 65 Resp: 147810
 Ion Ratio Lower Upper
 65 100
 92 68.3 55.4 83.0
 138 99.9 115.5 173.3#



#48
 Acenaphthylene
 Concen: 38.88 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion: 152 Resp: 553691
 Ion Ratio Lower Upper
 152 100
 151 19.9 14.6 22.0
 153 12.9 10.3 15.5

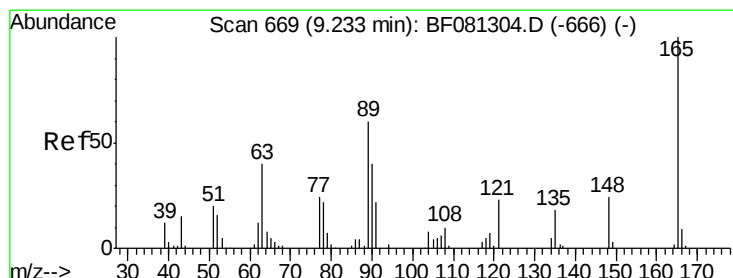
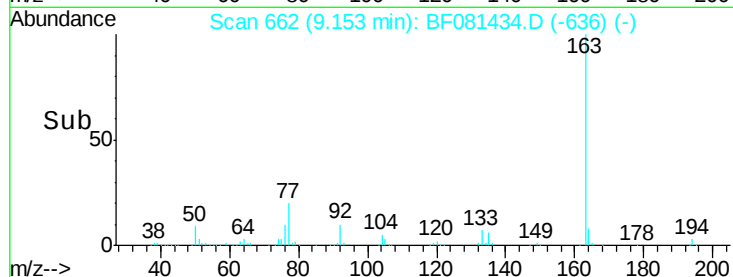
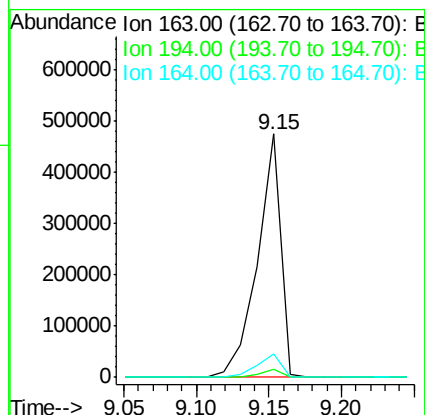
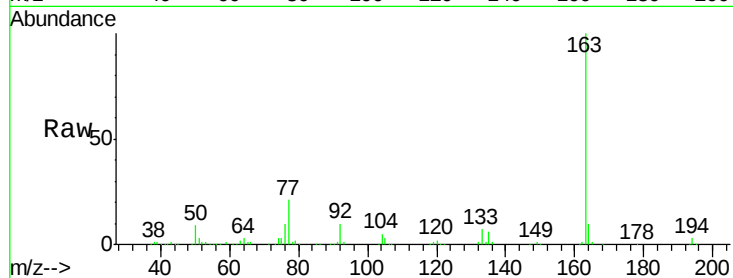




#49
Dimethylphthalate
Concen: 56.47 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

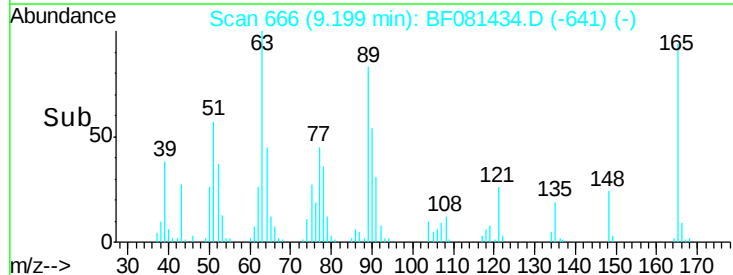
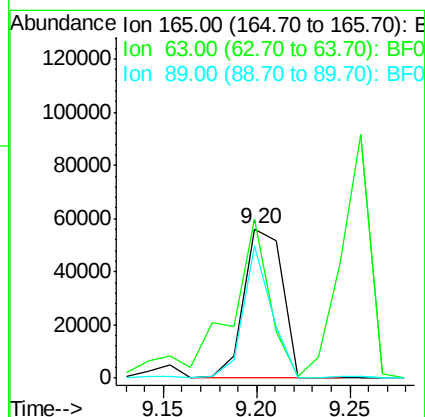
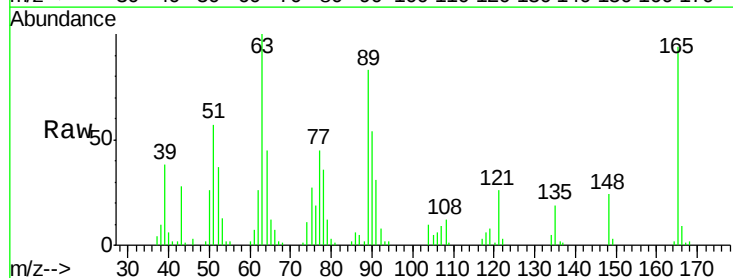
Instrument :
BNA_F
ClientSampleId :

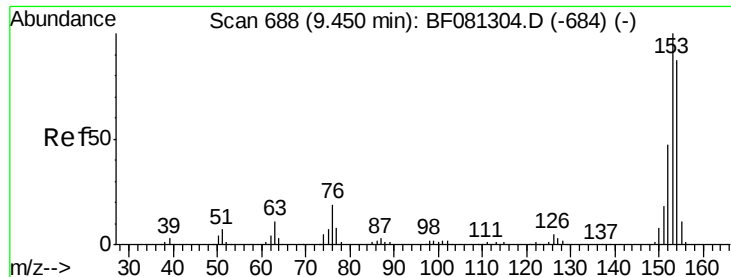
Tot Ion:163 Resp: 530138
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 37.62 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:165 Resp: 80158
Ion Ratio Lower Upper
165 100
63 106.9 32.3 48.5#
89 88.6 28.6 43.0#





#51

Acenaphthene

Concen: 39.18 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

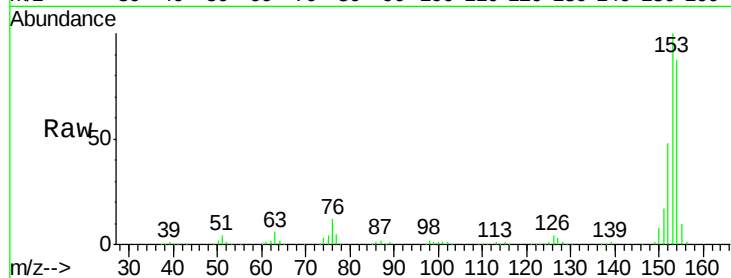
Tot Ion:154 Resp: 317439

Ion Ratio Lower Upper

154 100

153 115.2 82.1 123.1

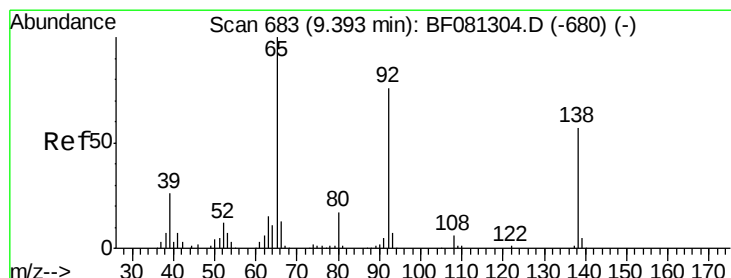
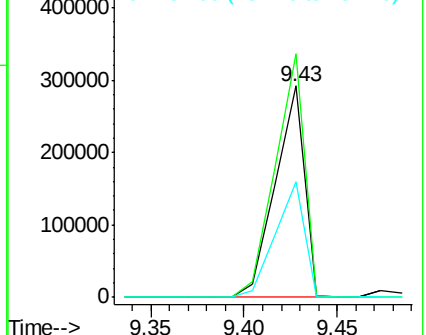
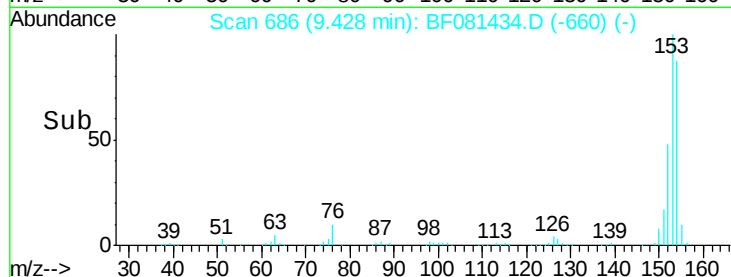
152 54.9 37.9 56.9



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: 26.44 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

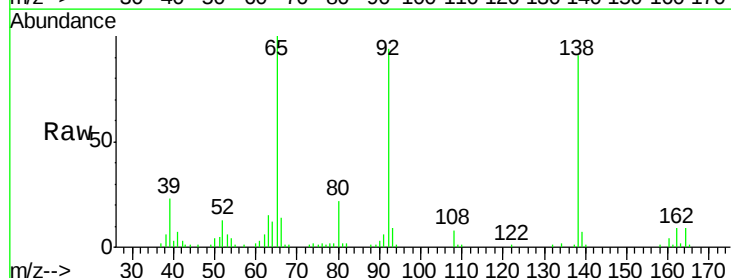
Tgt Ion:138 Resp: 64129

Ion Ratio Lower Upper

138 100

108 9.2 5.7 8.5#

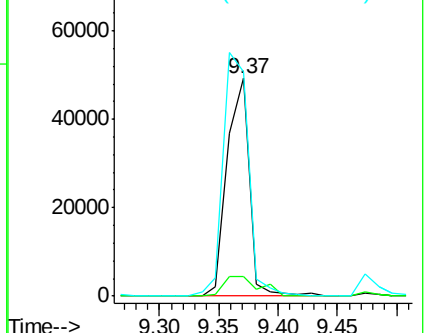
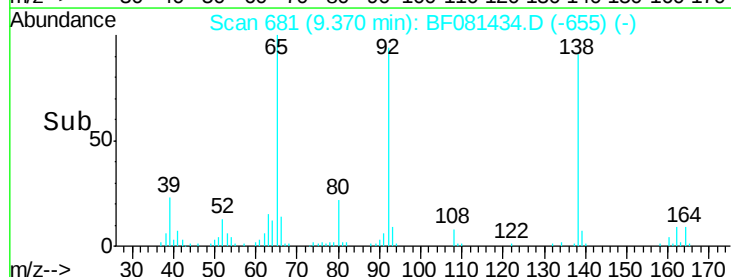
92 103.2 67.7 101.5#

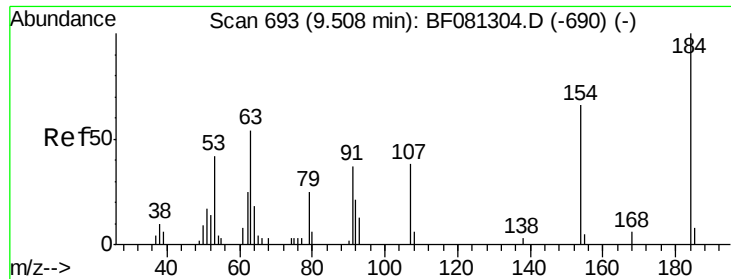


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

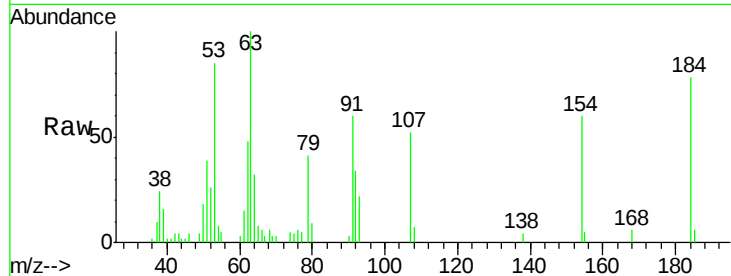




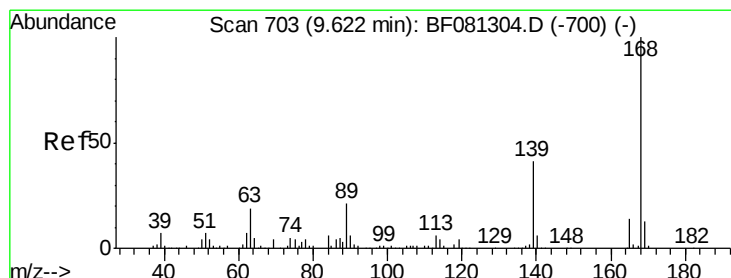
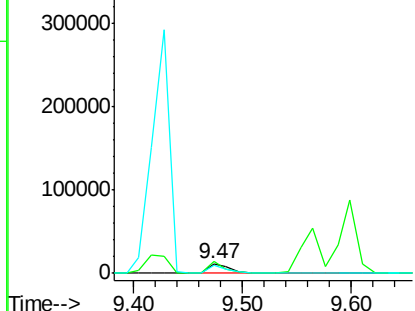
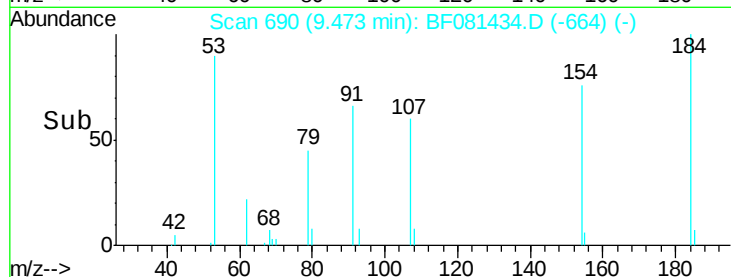
#53
2,4-Dinitrophenol
Concen: 19.80 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 17774
Ion Ratio Lower Upper
184 100
63 127.5 35.4 53.2#
154 76.1 32.2 48.4#

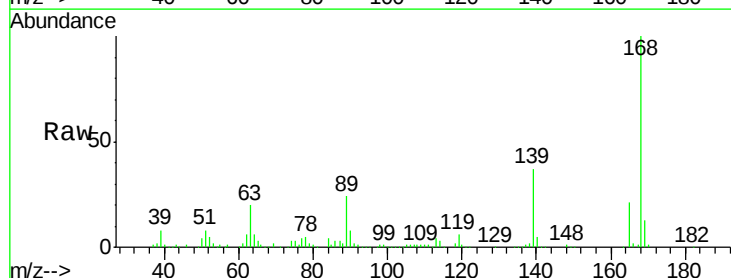


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

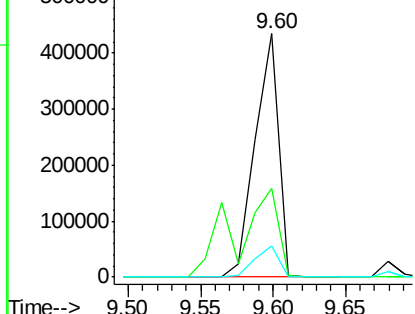
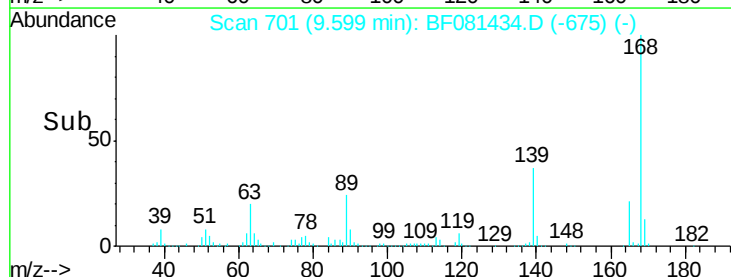


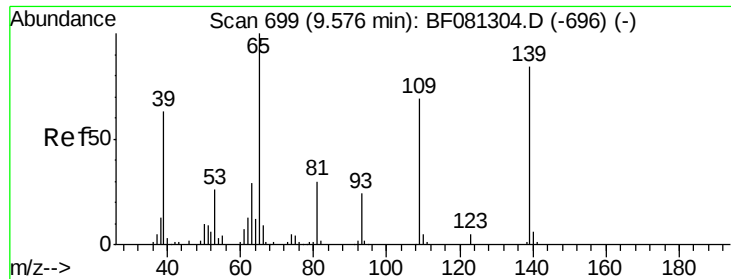
#54
Dibenzofuran
Concen: 41.03 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:168 Resp: 485437
Ion Ratio Lower Upper
168 100
139 36.7 24.2 36.2#
169 13.0 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

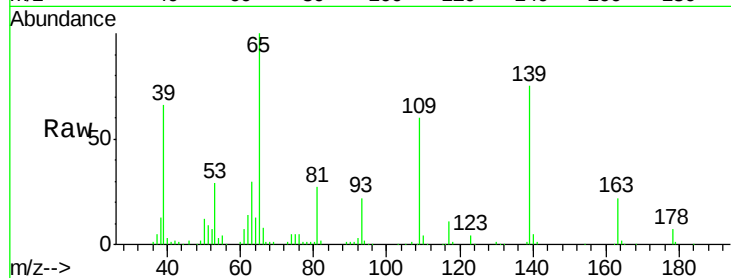




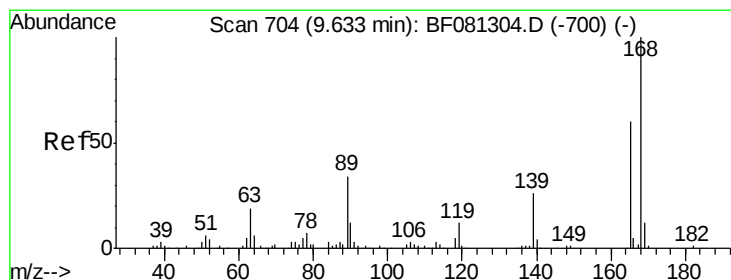
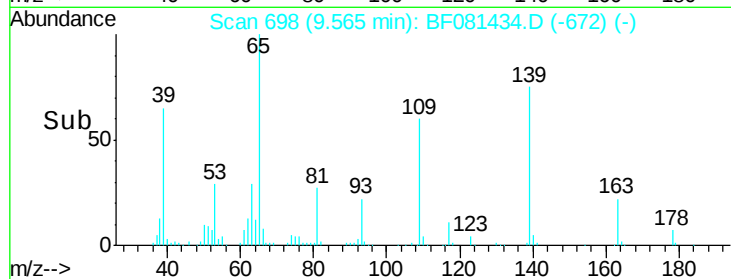
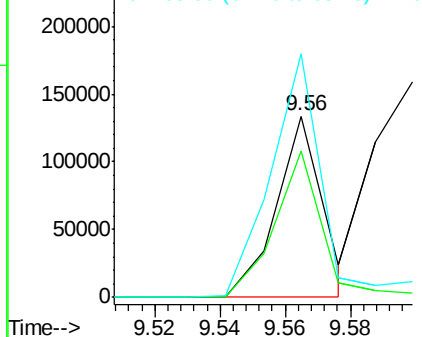
#55
4-Nitrophenol
Concen: 86.34 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 131582
Ion Ratio Lower Upper
139 100
109 80.4 12.7 52.7#
65 134.2 45.9 85.9#

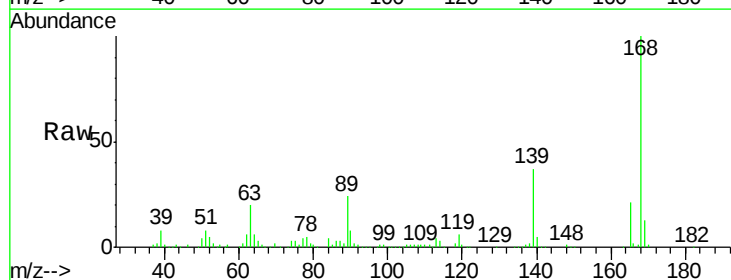


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

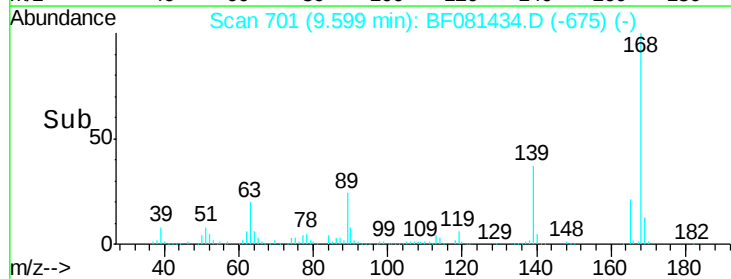
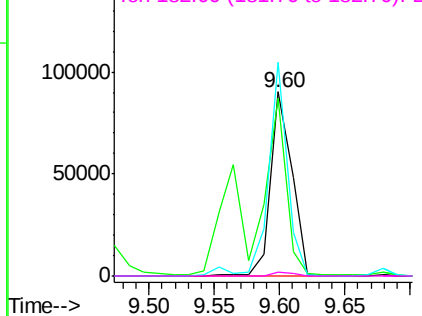


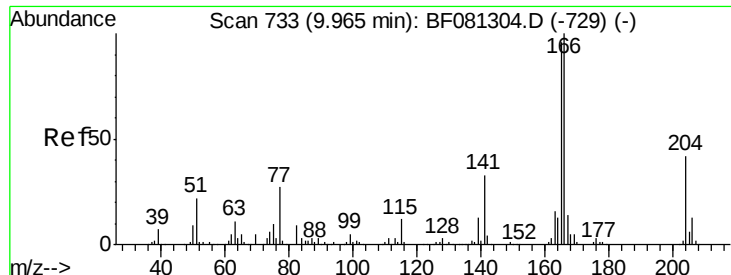
#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:165 Resp: 104207
Ion Ratio Lower Upper
165 100
63 96.8 29.8 44.6#
89 116.1 44.5 66.7#
182 1.9 3.0 4.4#



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

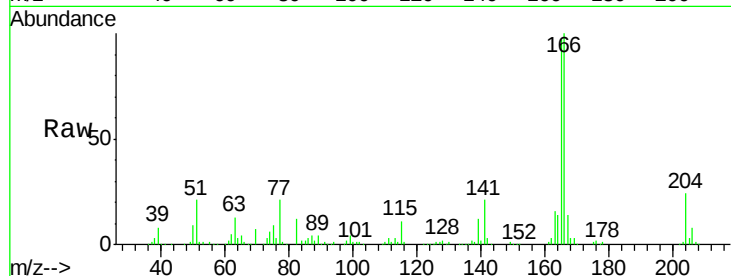




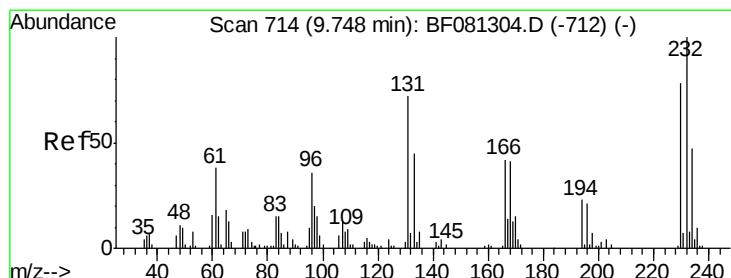
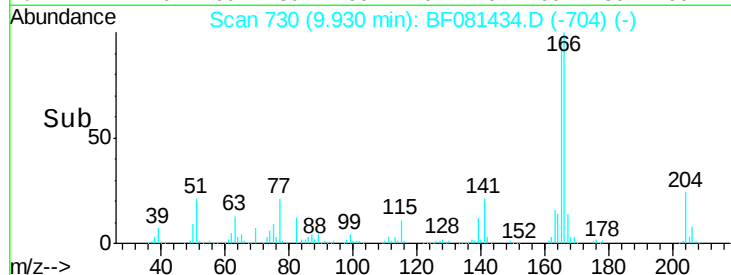
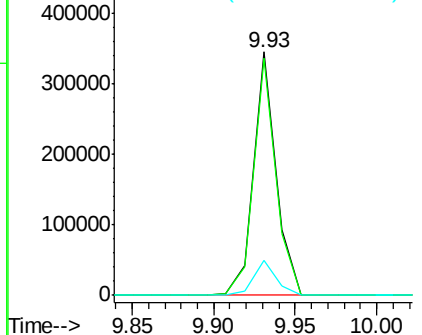
#57
 Fluorene
 Concen: 36.86 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 330974
 Ion Ratio Lower Upper
 166 100
 165 97.3 72.6 109.0
 167 14.1 10.6 16.0

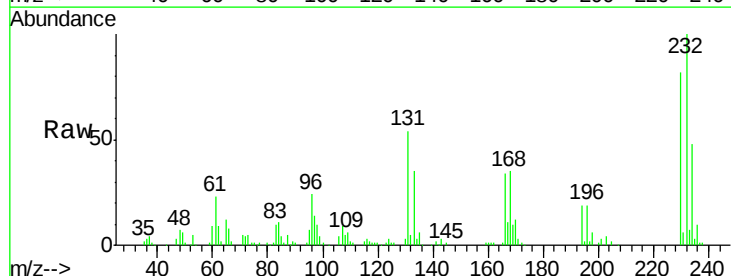


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

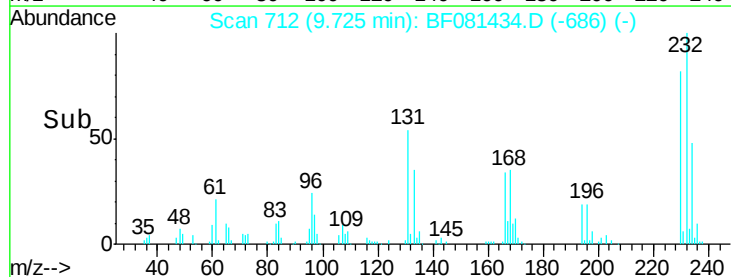
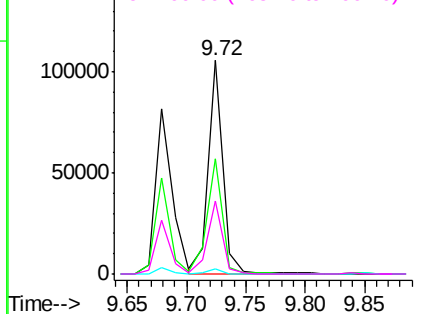


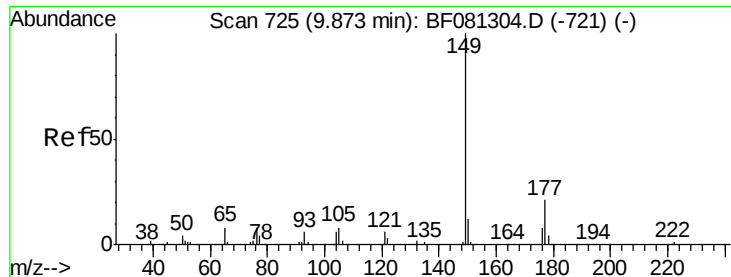
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.13 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:232 Resp: 90652
 Ion Ratio Lower Upper
 232 100
 131 56.6 38.5 57.7
 130 2.5 1.8 2.6
 166 34.7 25.0 37.6



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

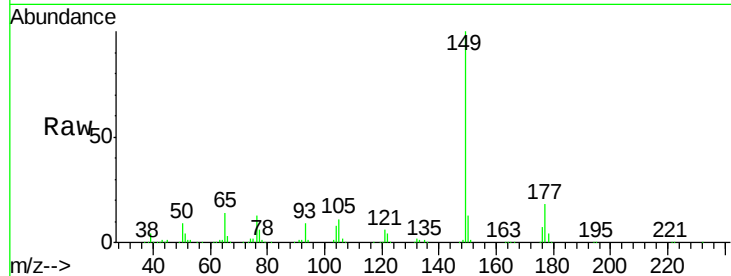




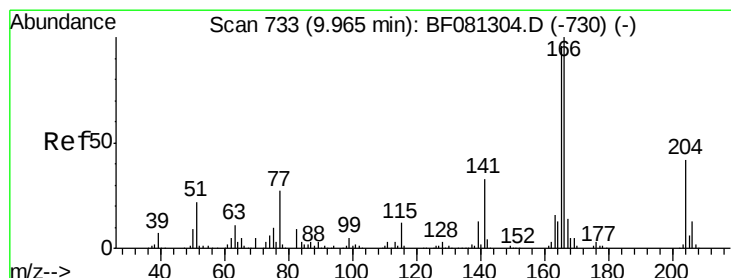
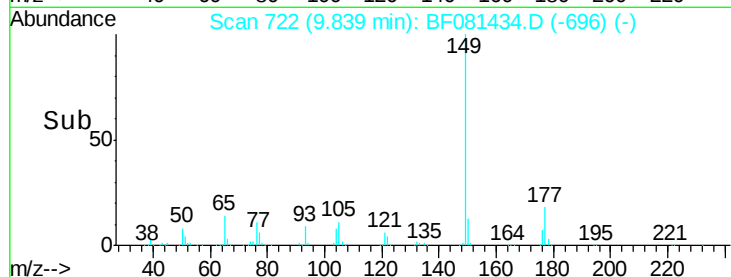
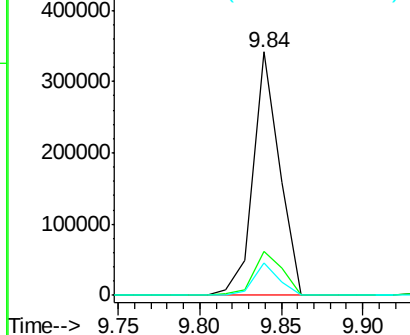
#59
Diethylphthalate
Concen: 38.71 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 382243
Ion Ratio Lower Upper
149 100
177 17.9 17.5 26.3
150 13.2 9.4 14.2

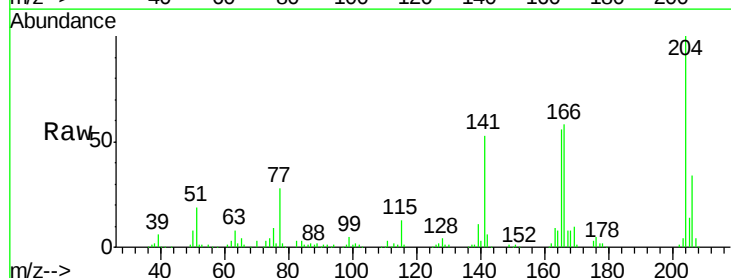


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

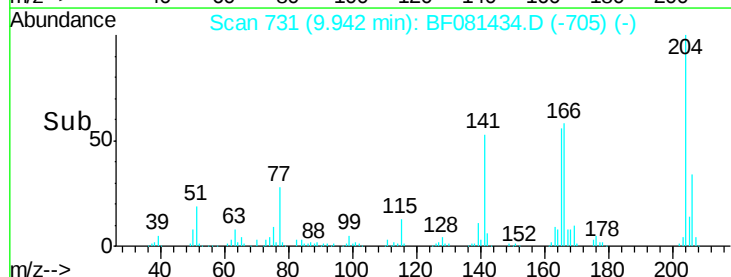
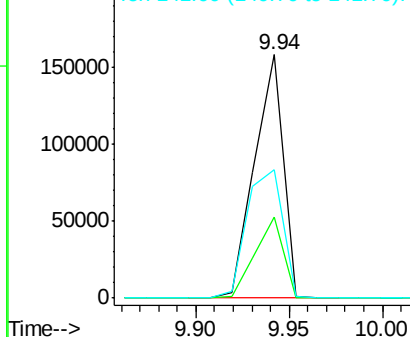


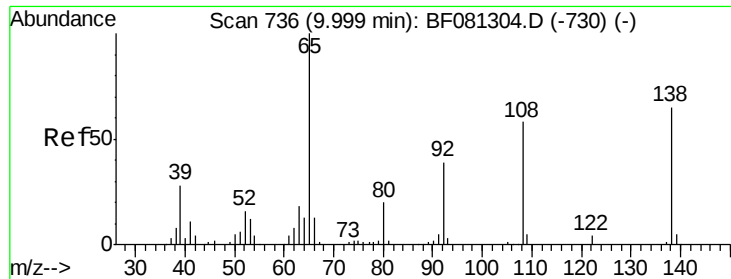
#60
4-Chlorophenyl-phenylether
Concen: 40.26 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion:204 Resp: 168460
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 52.8 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: 34.49 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

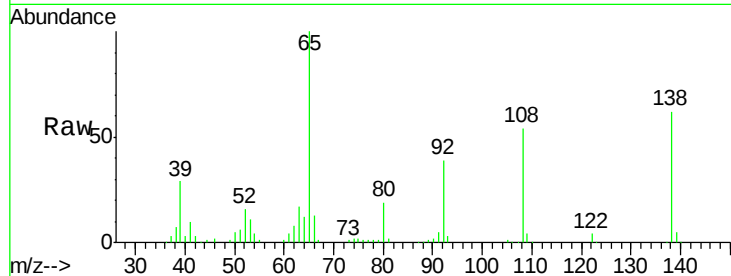
Tot Ion:138 Resp: 84527

Ion Ratio Lower Upper

138 100

92 64.0 12.6 52.6#

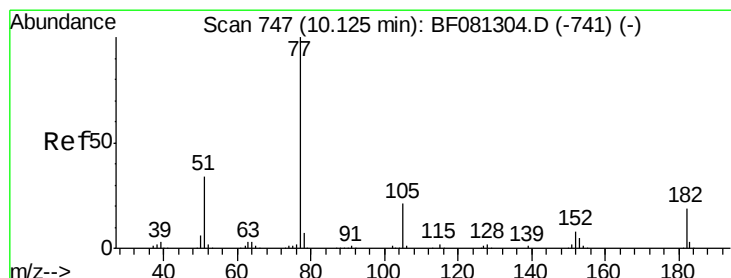
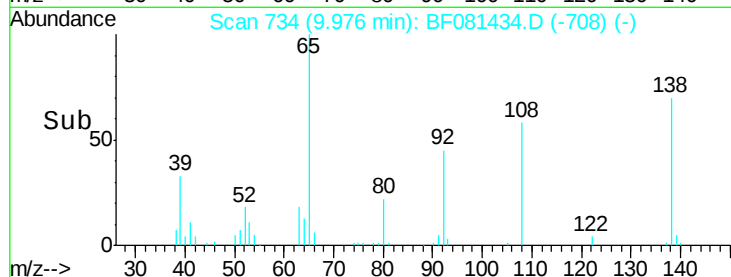
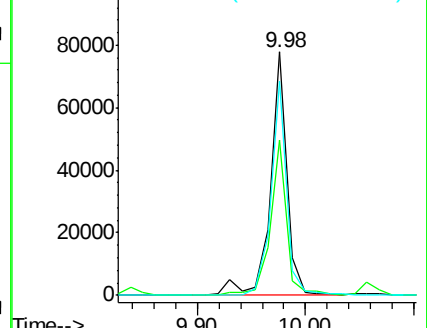
108 87.8 12.4 52.4#



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: 40.23 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion: 77 Resp: 441749

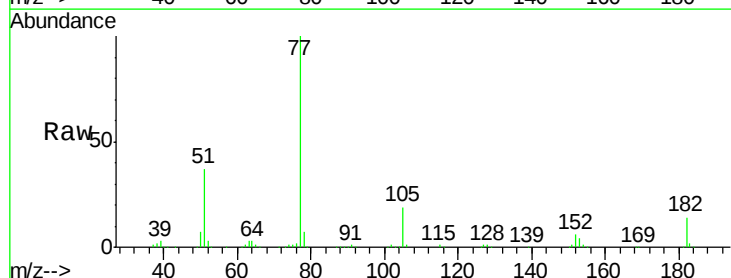
Ion Ratio Lower Upper

77 100

182 14.4 15.1 55.1#

105 19.0 3.4 43.4

51 36.8 12.0 52.0

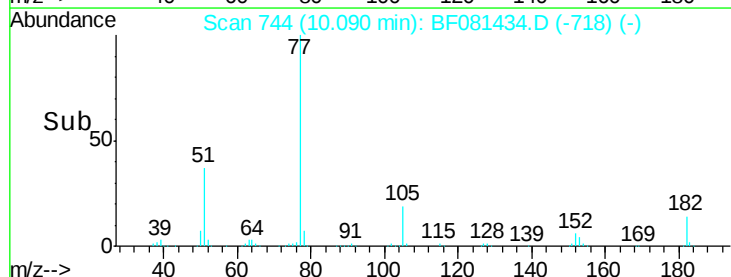
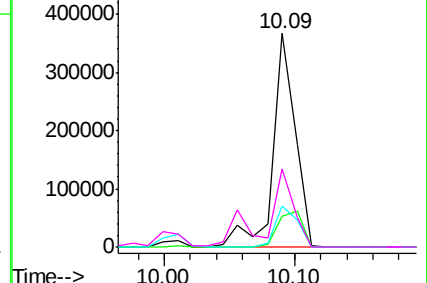


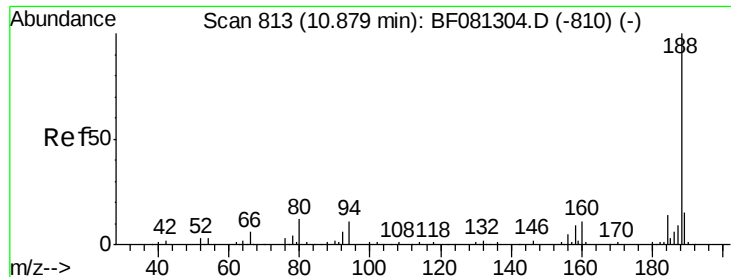
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

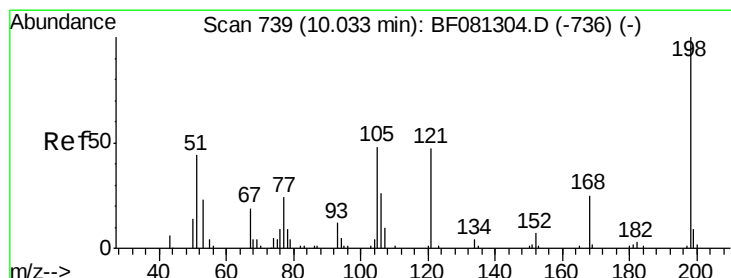
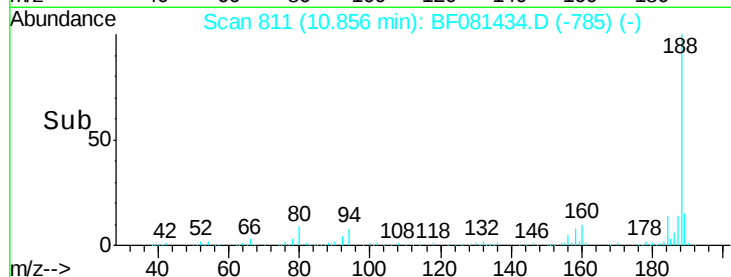
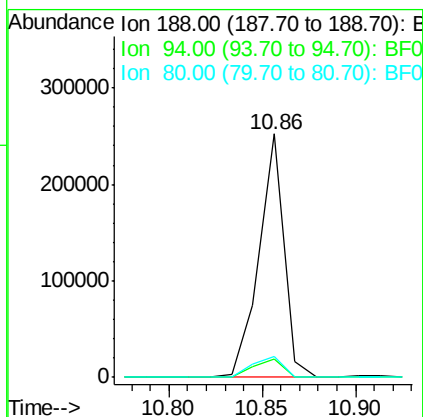
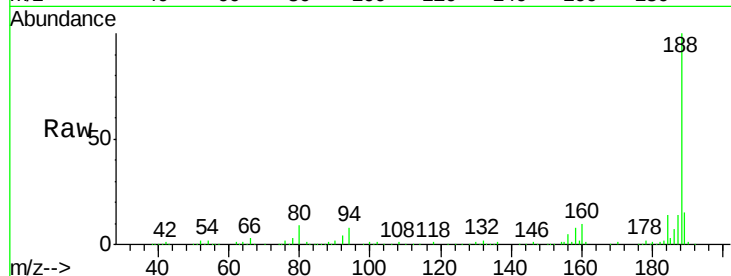




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

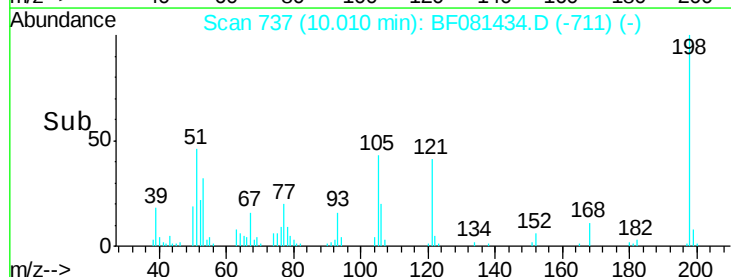
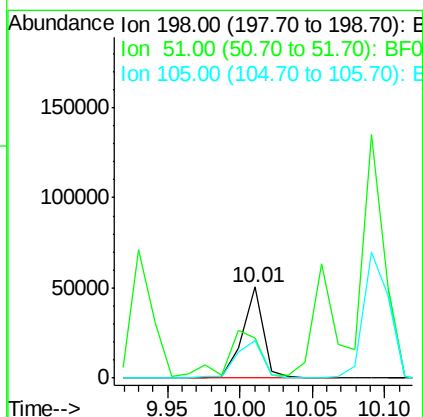
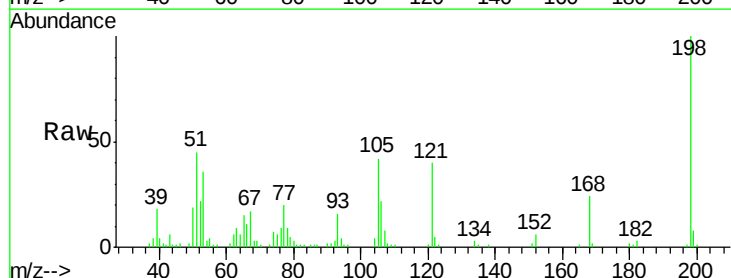
Instrument :
 BNA_F
 ClientSampleId :

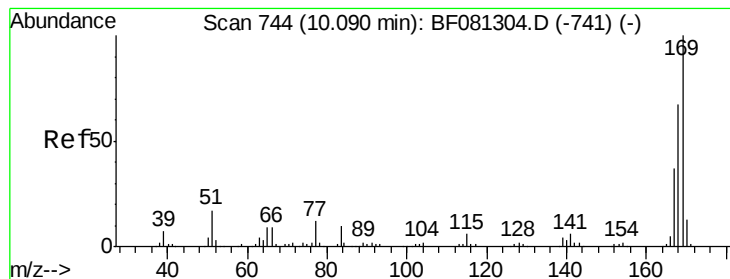
Tot Ion:188 Resp: 238005
 Ion Ratio Lower Upper
 188 100
 94 7.8 11.1 16.7#
 80 8.7 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.50 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:198 Resp: 49915
 Ion Ratio Lower Upper
 198 100
 51 44.7 39.6 79.6
 105 41.8 28.5 68.5

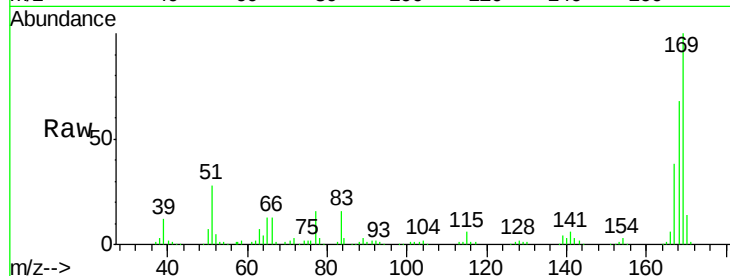




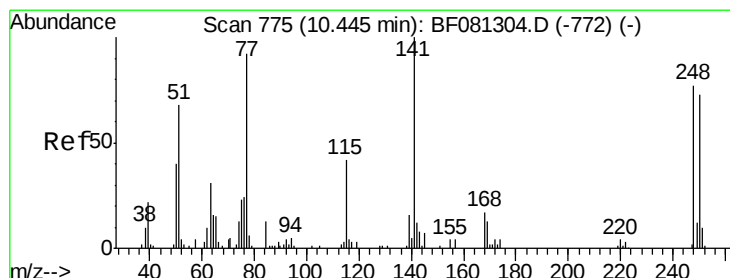
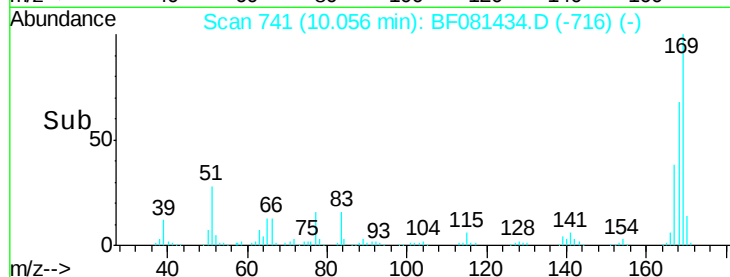
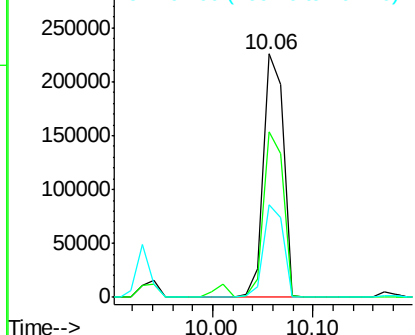
#65
 n-Nitrosodiphenylamine
 Concen: 36.17 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 313264
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 38.2 26.2 39.4

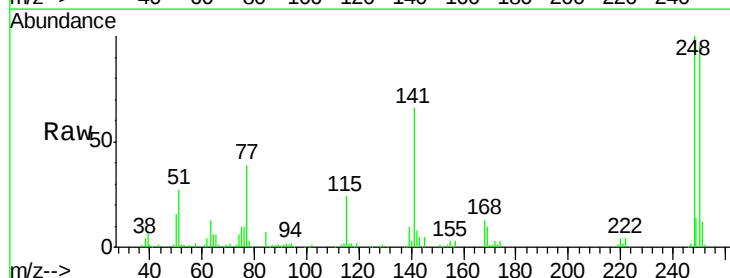


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

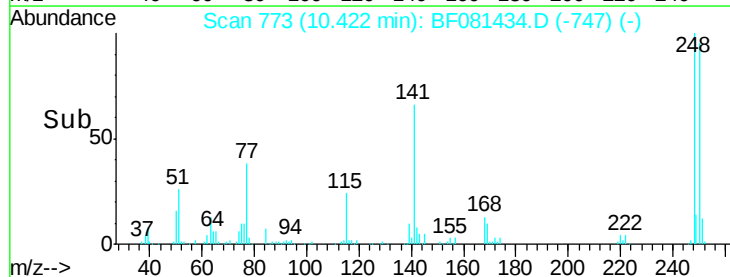
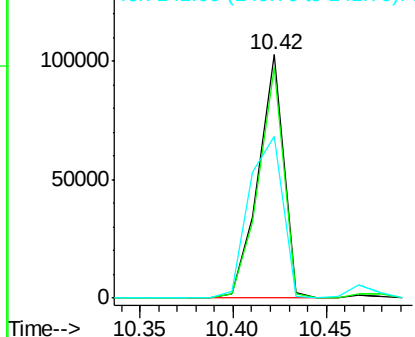


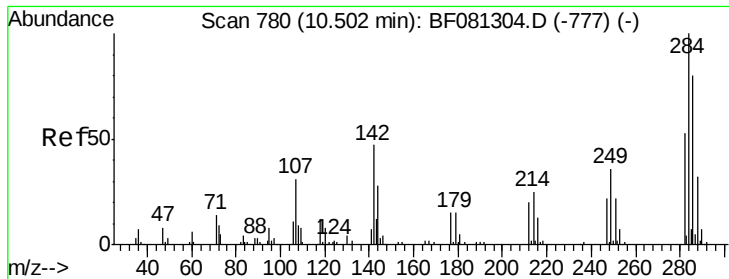
#66
 4-Bromophenyl-phenylether
 Concen: 40.38 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:248 Resp: 97175
 Ion Ratio Lower Upper
 248 100
 250 94.6 78.5 117.7
 141 66.4 59.0 88.6



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





#67

Hexachlorobenzene

Concen: 37.53 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :

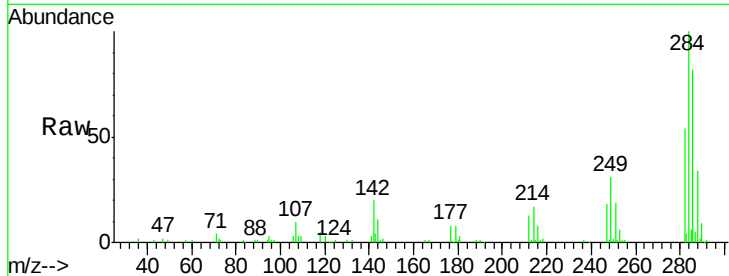
Tot Ion:284 Resp: 94430

Ion Ratio Lower Upper

284 100

142 19.7 29.5 44.3#

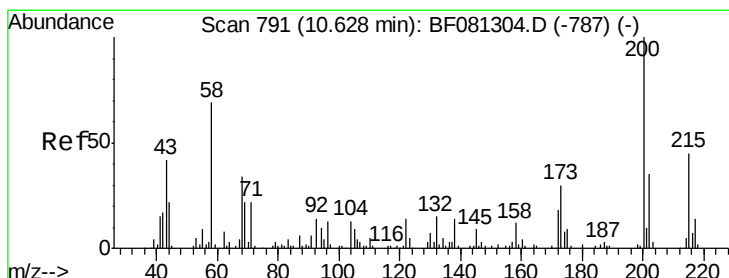
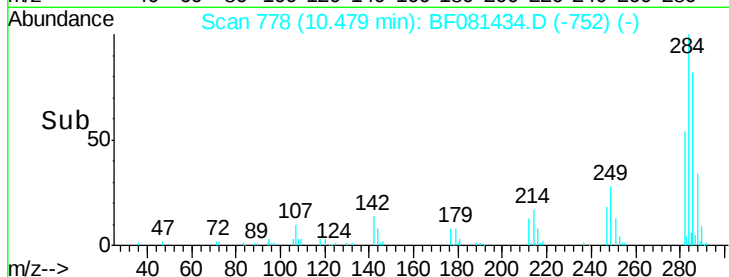
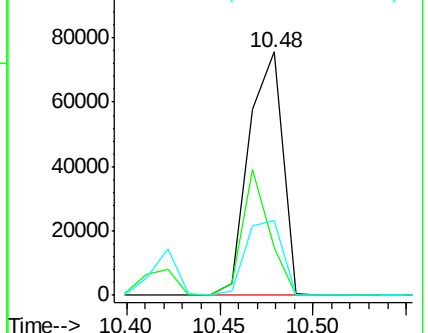
249 30.9 19.5 29.3#



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: 45.78 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

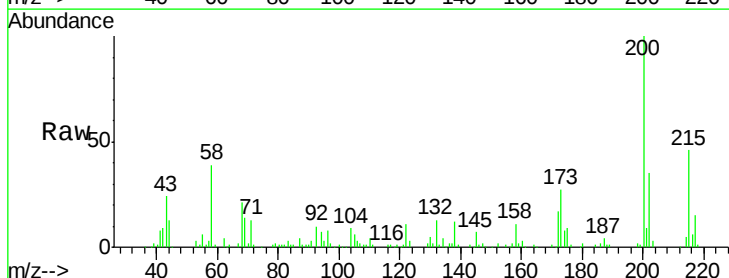
Tgt Ion:200 Resp: 114740

Ion Ratio Lower Upper

200 100

173 27.5 13.2 53.2

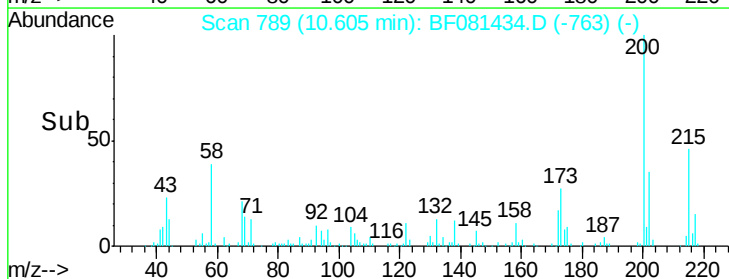
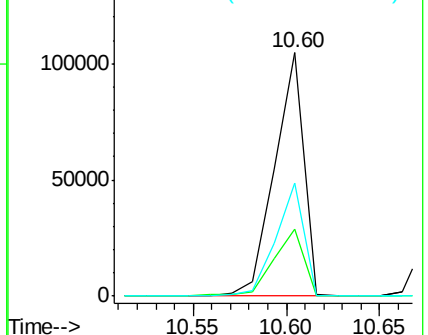
215 46.5 41.8 81.8

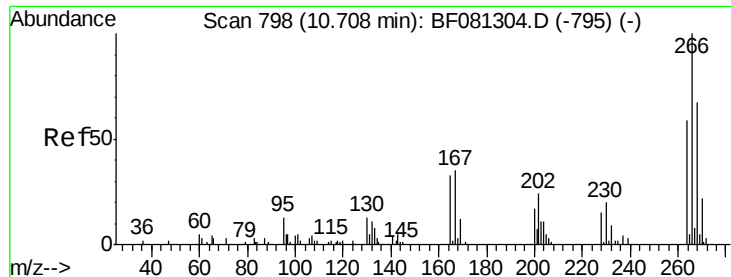


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

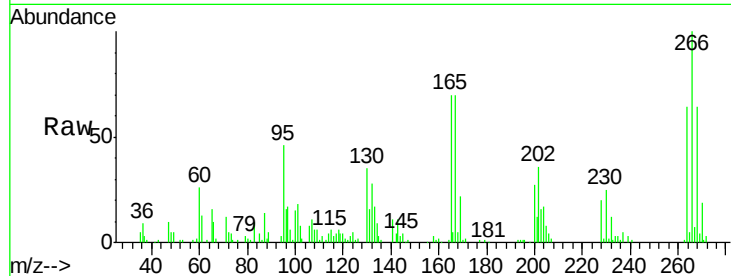




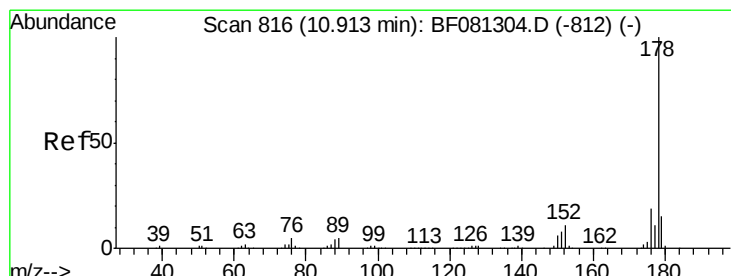
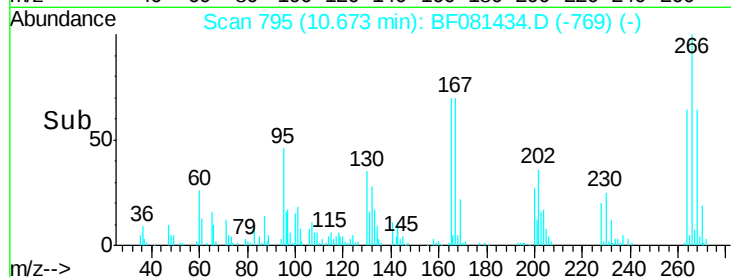
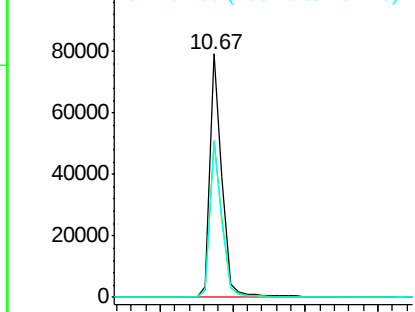
#69
 Pentachlorophenol
 Concen: 75.20 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 91400
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 64.4 50.2 75.2

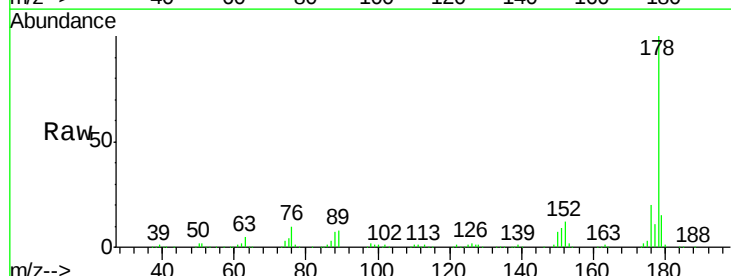


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

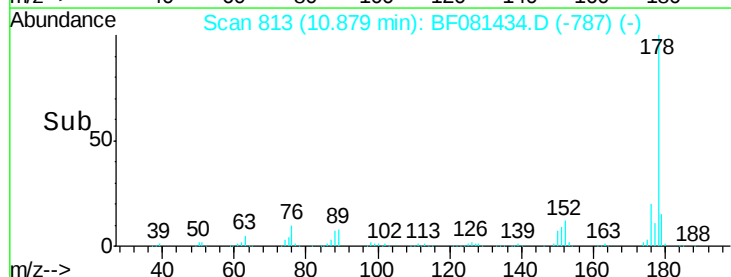
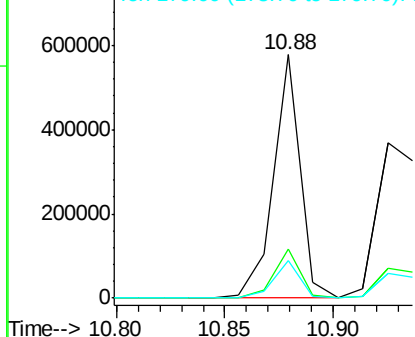


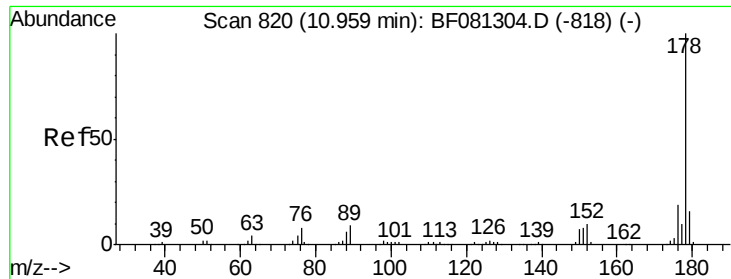
#70
 Phenanthrene
 Concen: 37.77 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:178 Resp: 499802
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.4 12.2 18.2



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

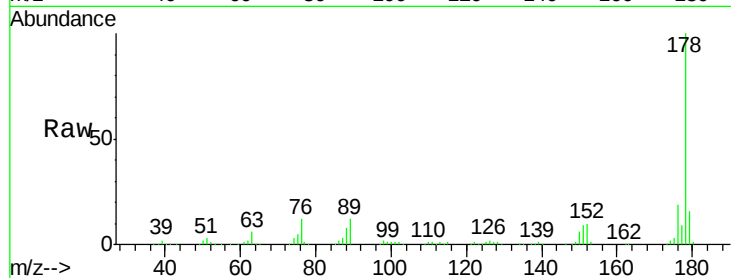




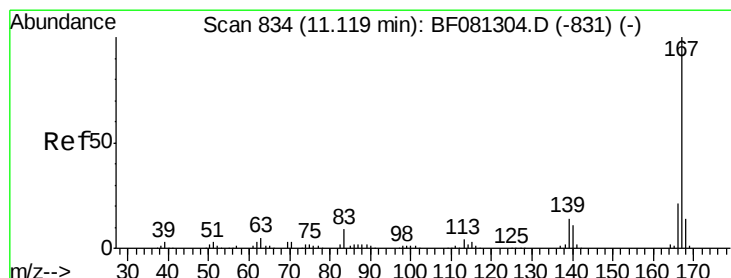
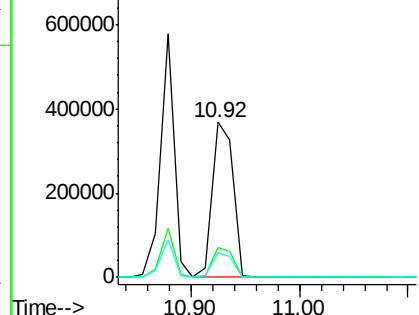
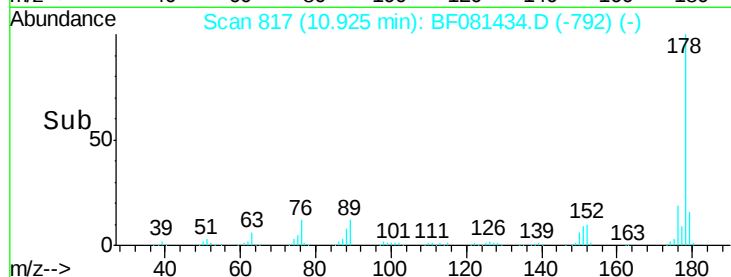
#71
 Anthracene
 Concen: 36.51 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 496315
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.8 12.2 18.2

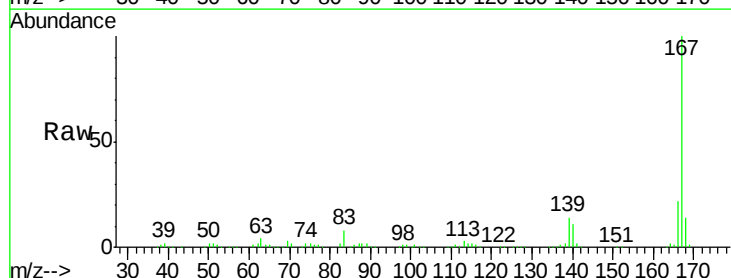


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

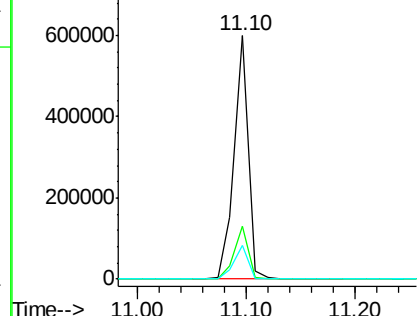
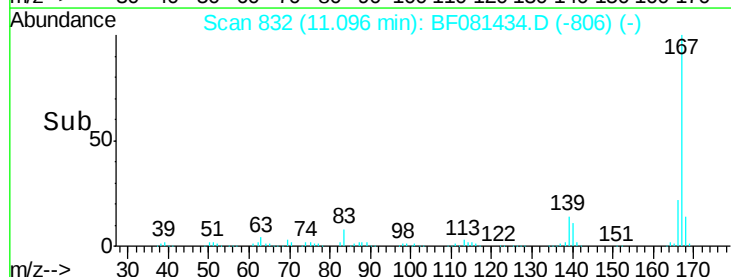


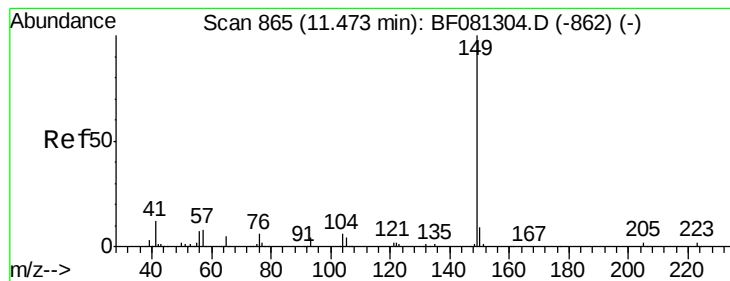
#72
 Carbazole
 Concen: 42.34 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:167 Resp: 540062
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 13.8 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: 42.70 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

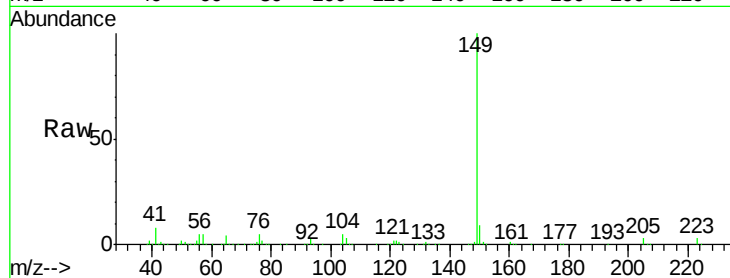
Tot Ion:149 Resp: 643272

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 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

800000

600000

400000

200000

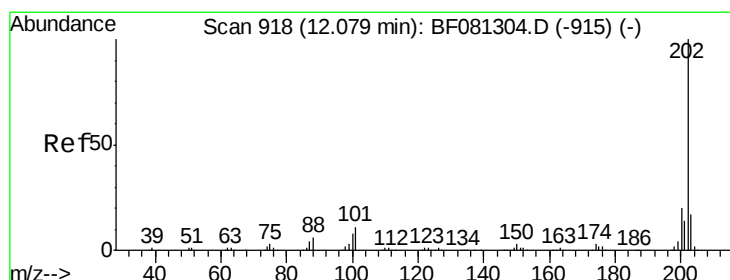
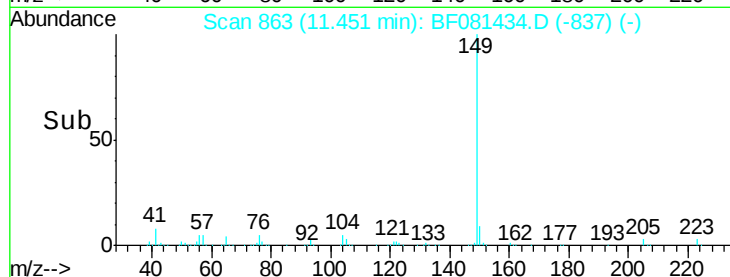
0

11.45

11.40

11.50

Time-->



#74

Fluoranthene

Concen: 37.28 ng

RT: 12.04 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

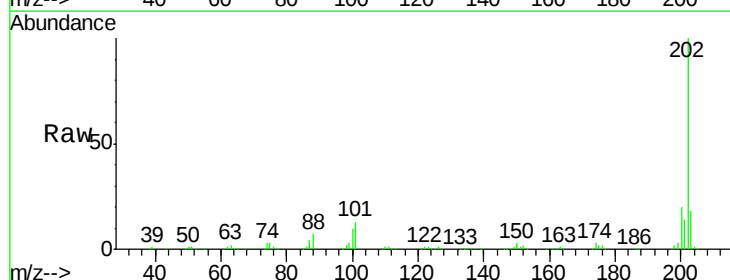
Tgt Ion:202 Resp: 534006

Ion Ratio Lower Upper

202 100

101 12.7 0.0 38.3

203 17.9 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

600000

500000

400000

300000

200000

100000

0

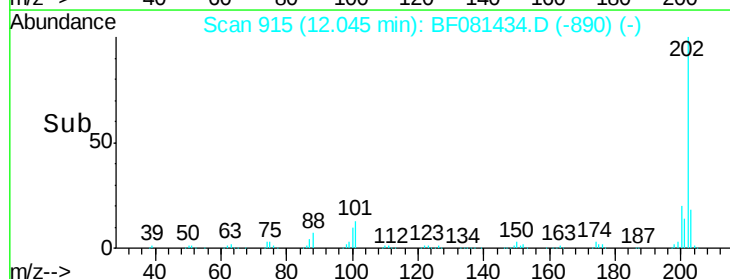
12.04

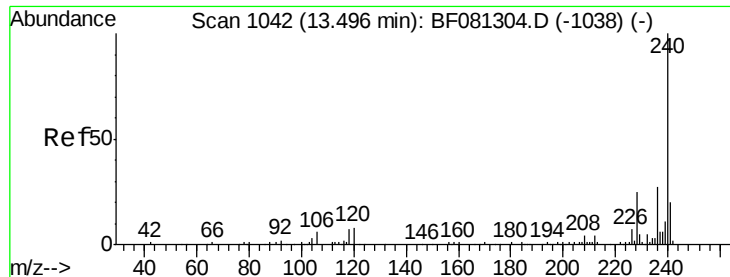
11.90

12.10

12.20

Time-->

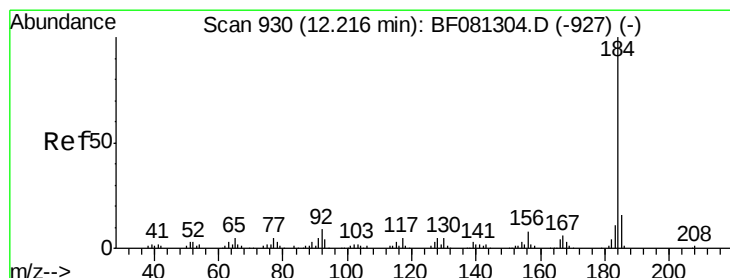
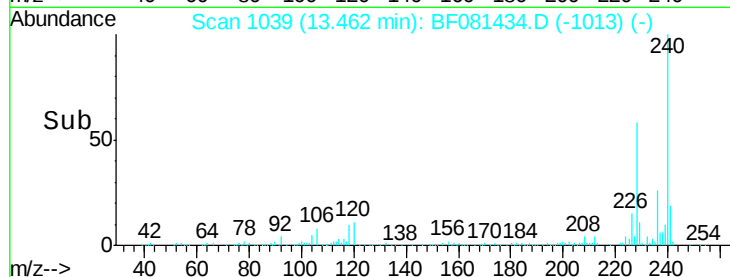
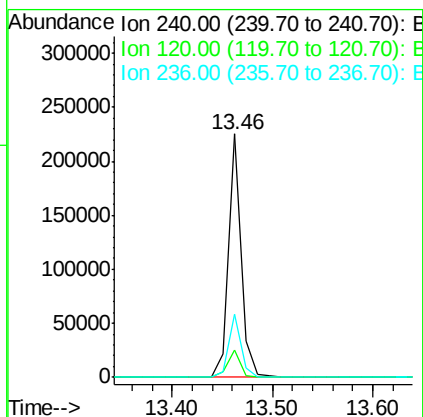
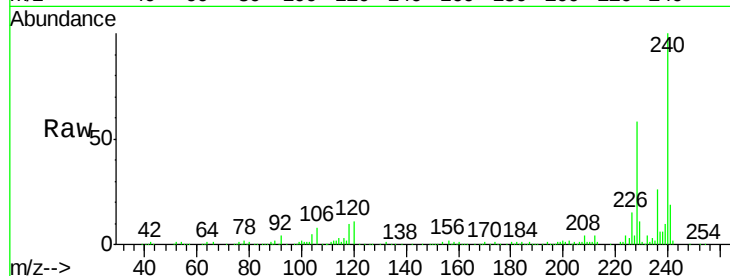




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

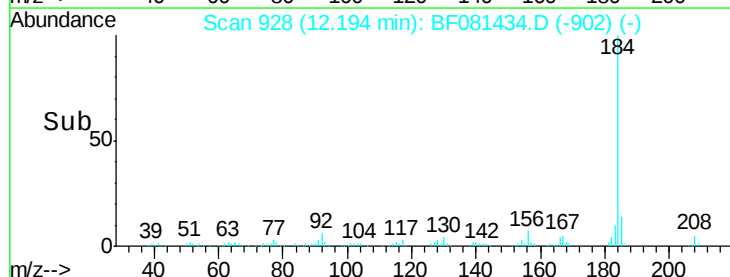
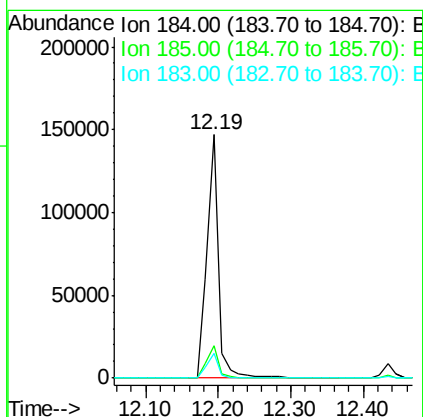
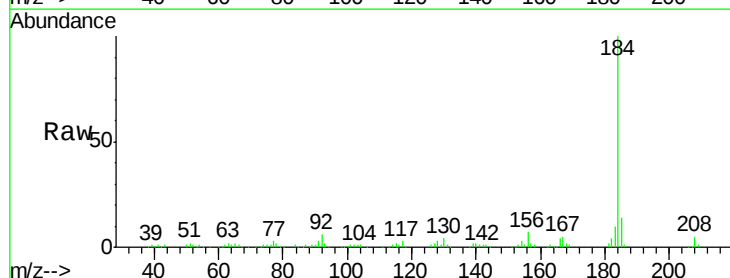
Instrument :
 BNA_F
 ClientSampleId :

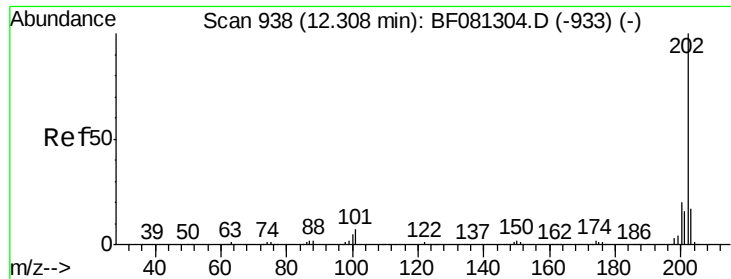
Tot Ion:240 Resp: 196107
 Ion Ratio Lower Upper
 240 100
 120 11.3 16.2 24.2#
 236 26.0 18.4 27.6



#76
 Benzidine
 Concen: 19.30 ng
 RT: 12.19 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:184 Resp: 162515
 Ion Ratio Lower Upper
 184 100
 185 13.6 11.8 17.6
 183 10.4 7.6 11.4

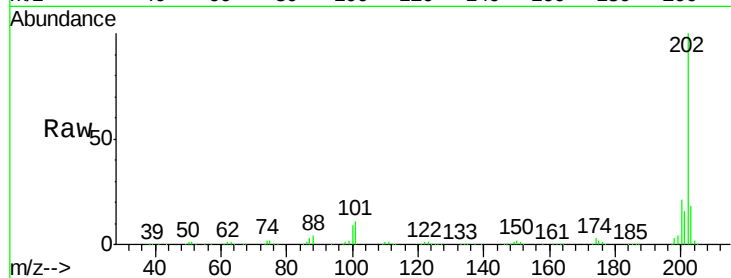




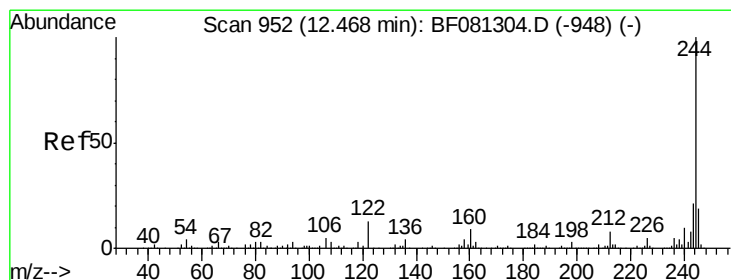
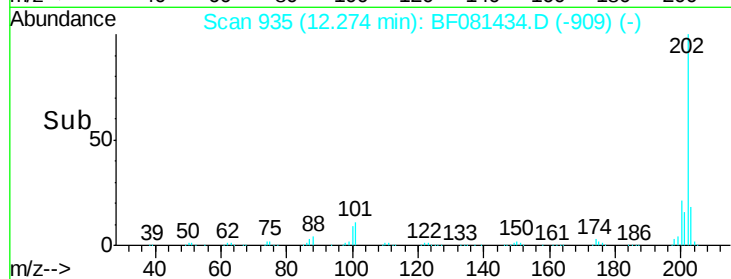
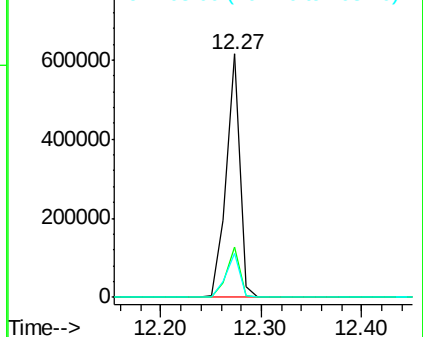
#77
Pvrene
Concen: 39.99 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	18.0	14.1	21.1

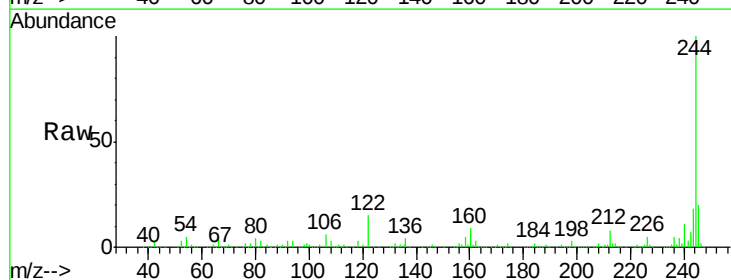


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

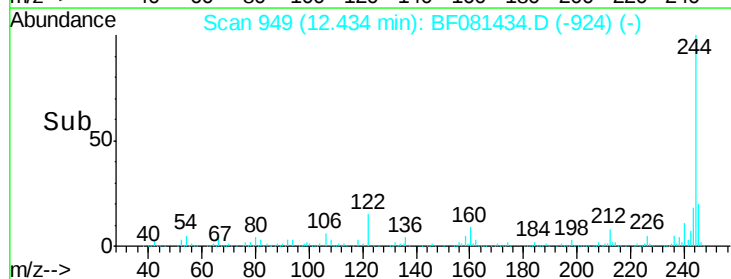
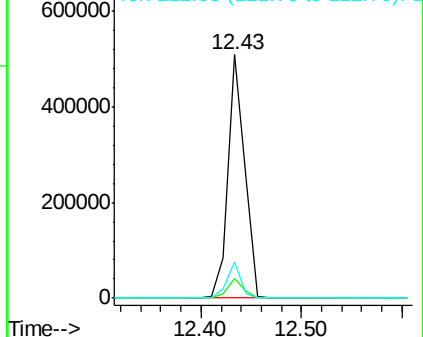


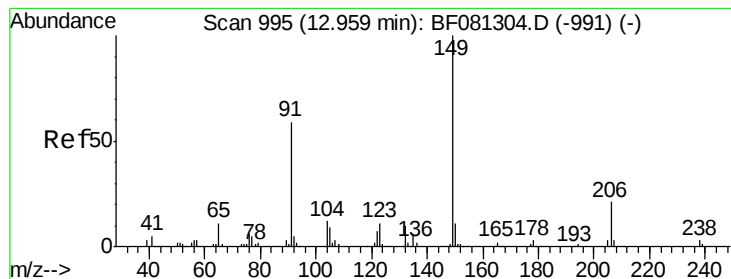
#78
Terphenyl-d14
Concen: 69.33 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.9	17.4	26.2#



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





#79

Butylbenzylphthalate

Concen: 43.22 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

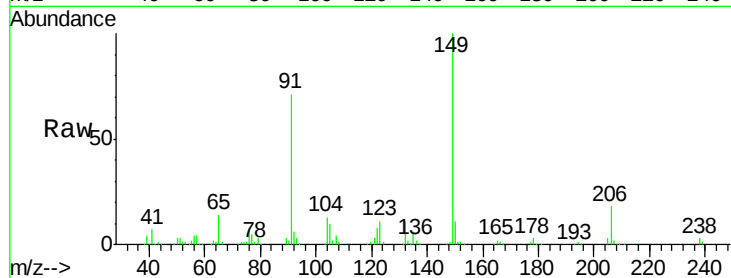
Tot Ion:149 Resp: 273053

Ion Ratio Lower Upper

149 100

91 71.4 48.6 72.8

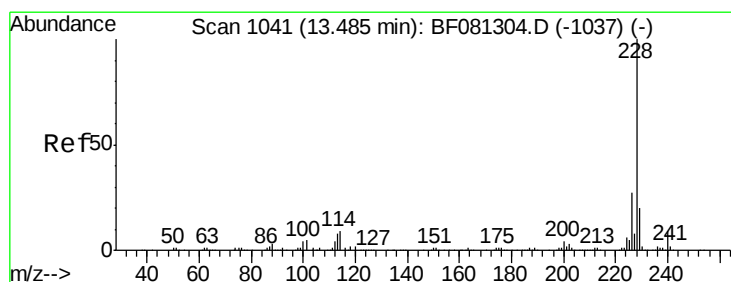
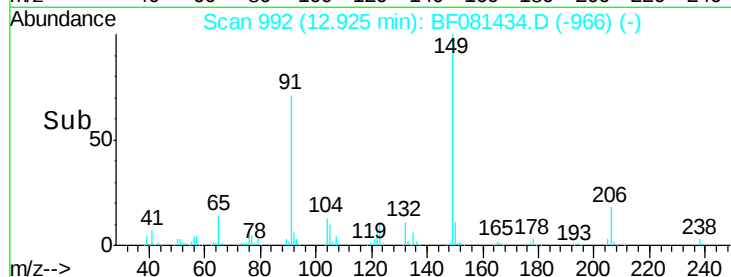
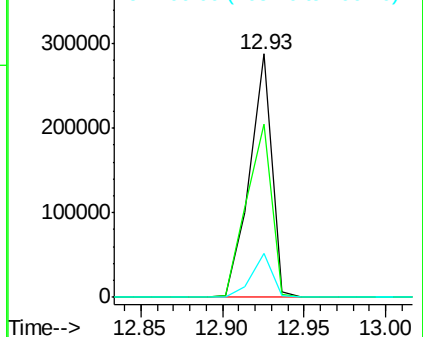
206 18.0 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.84 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

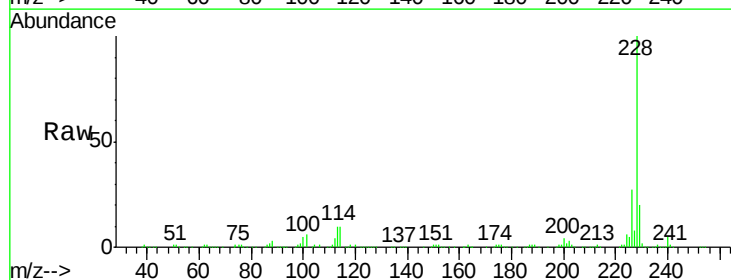
Tgt Ion:228 Resp: 472586

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

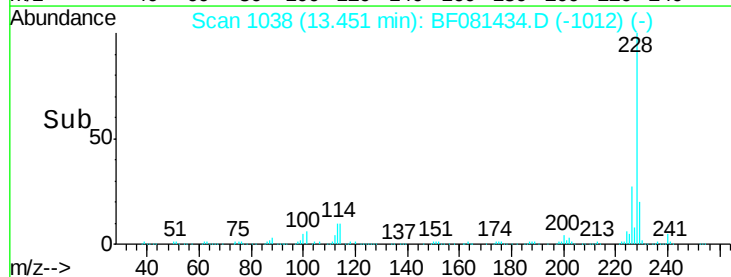
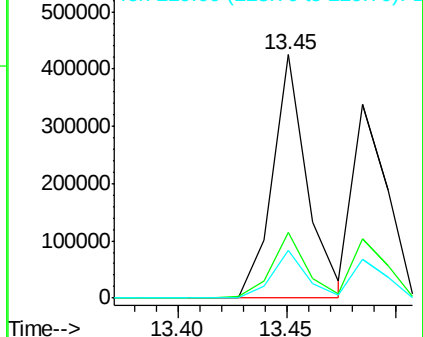
229 19.7 15.4 23.2

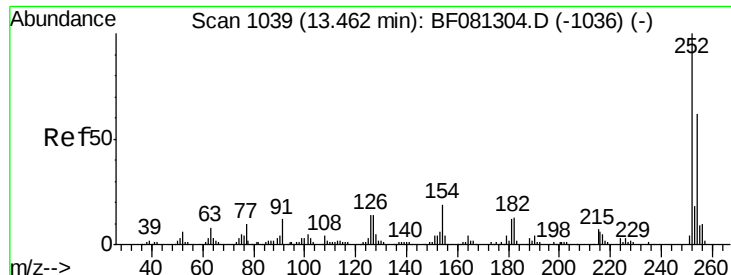


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

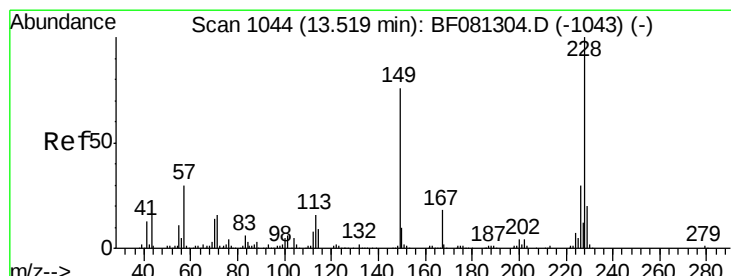
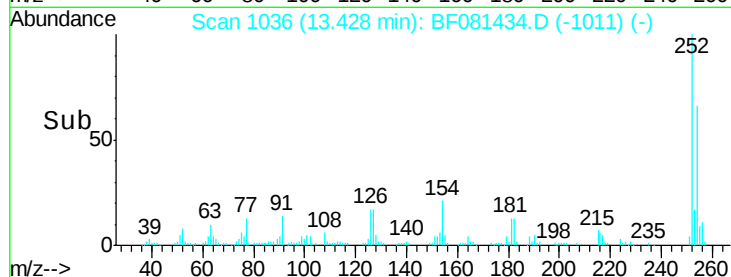
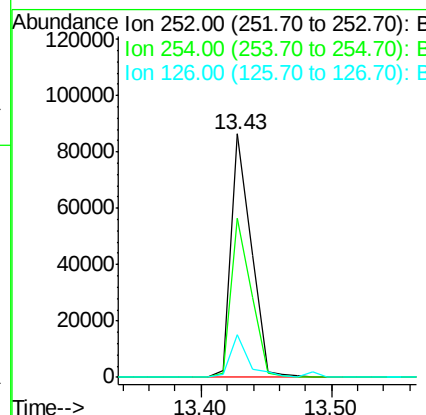
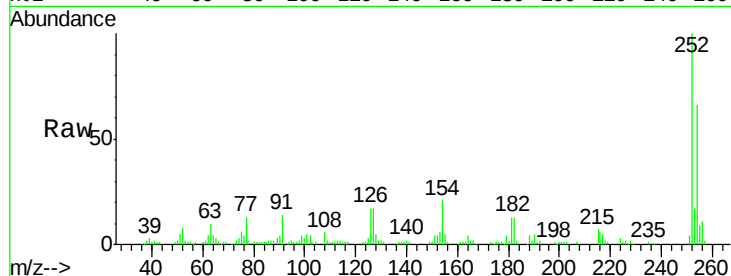




#81
 3,3'-Dichlorobenzidine
 Concen: 22.12 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

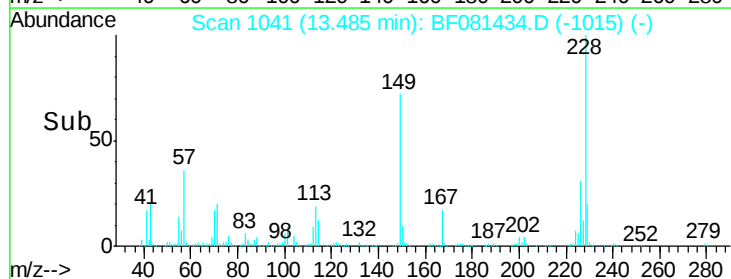
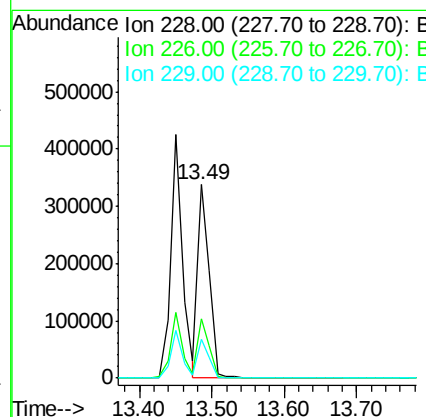
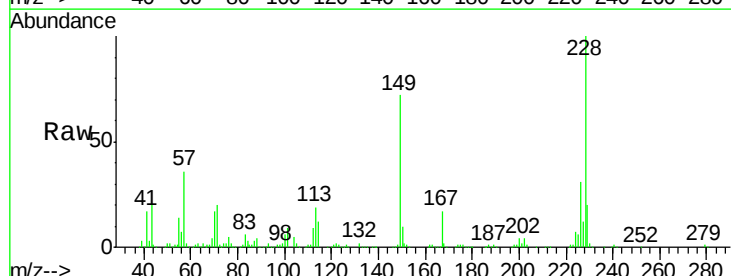
Instrument :
 BNA_F
 ClientSampled :

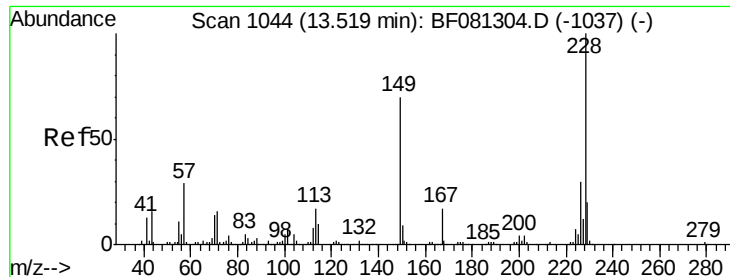
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.4	77.2
126	17.4	16.4	24.6



#82
 Chrysene
 Concen: 33.49 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4

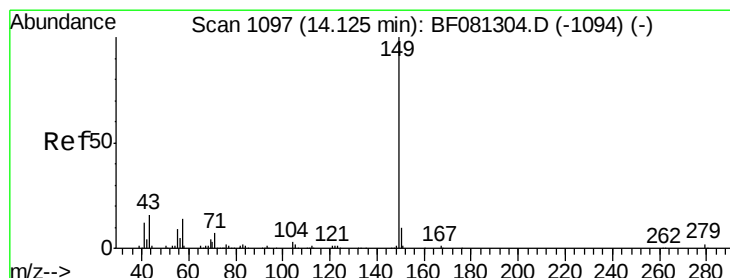
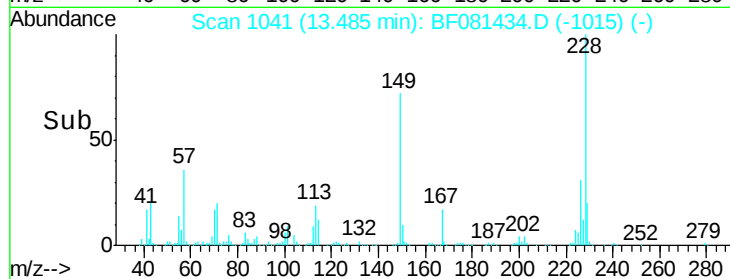
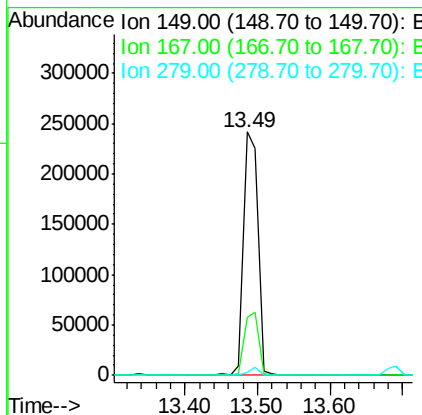
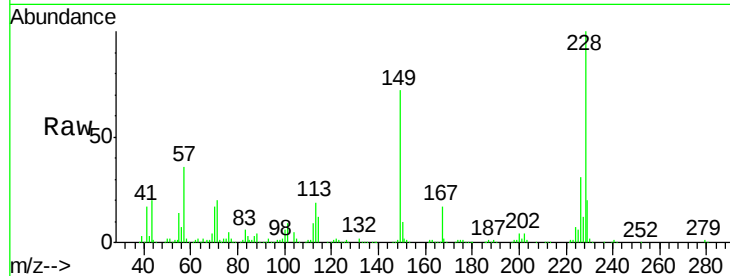




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.13 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

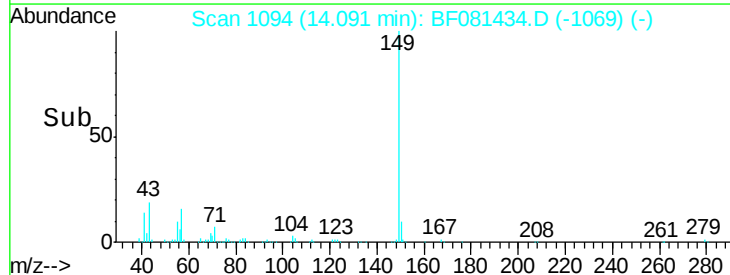
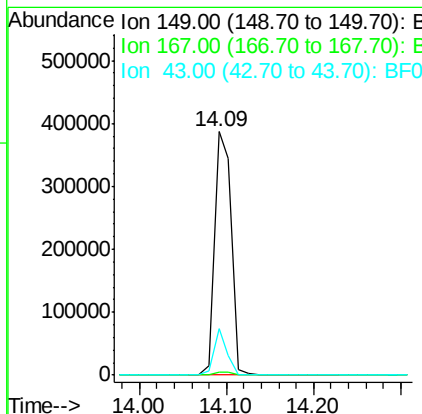
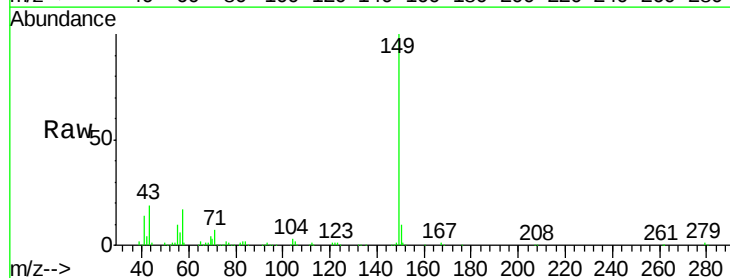
Instrument :
 BNA_F
 ClientSampleId :

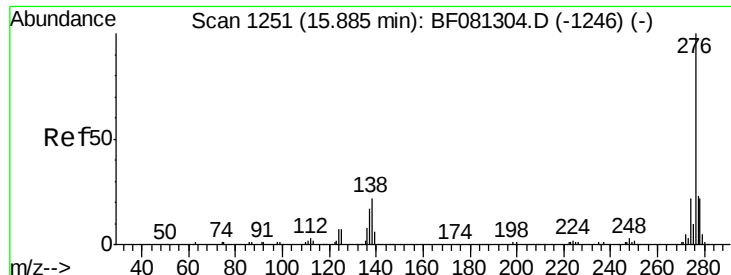
Tot Ion:149 Resp: 334616
 Ion Ratio Lower Upper
 149 100
 167 23.9 24.2 36.2#
 279 1.3 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 38.14 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:149 Resp: 523609
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.3 10.2 15.2

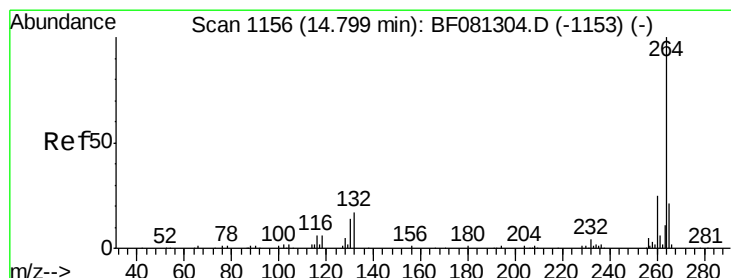
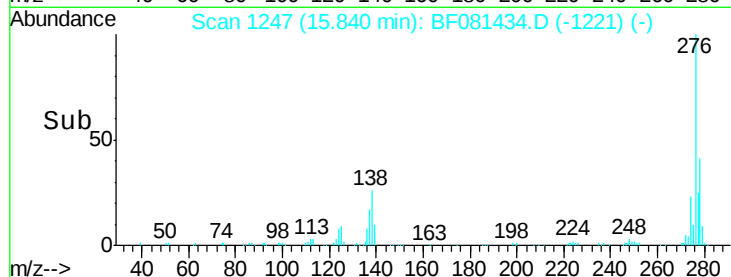
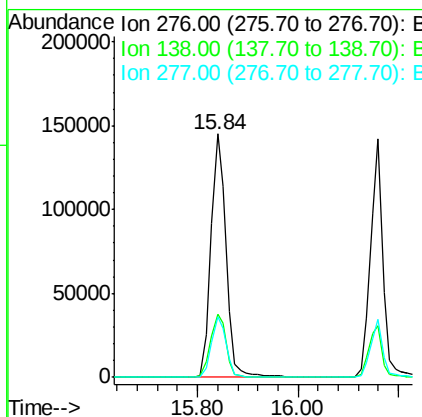
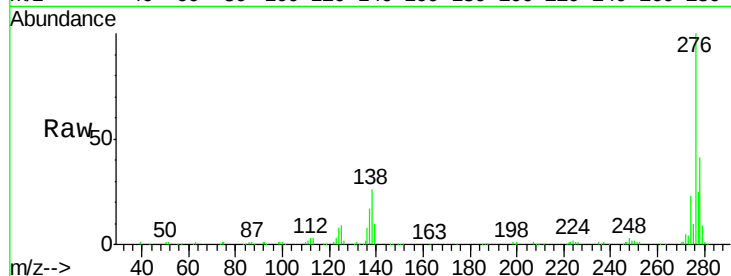




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.87 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

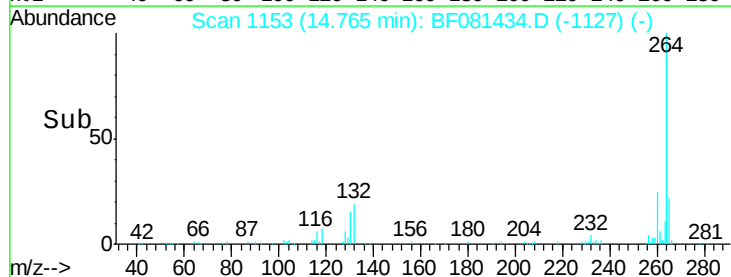
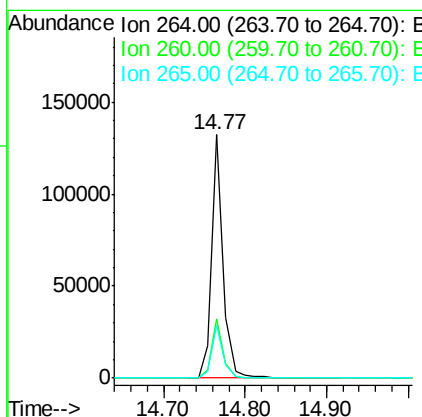
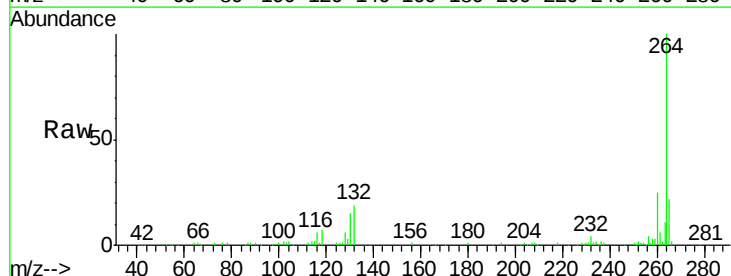
Instrument :
 BNA_F
 ClientSampleId :

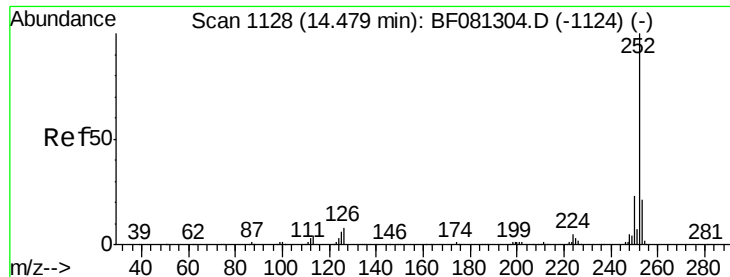
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.7	38.5
277	24.3	15.6	23.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 75.55 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

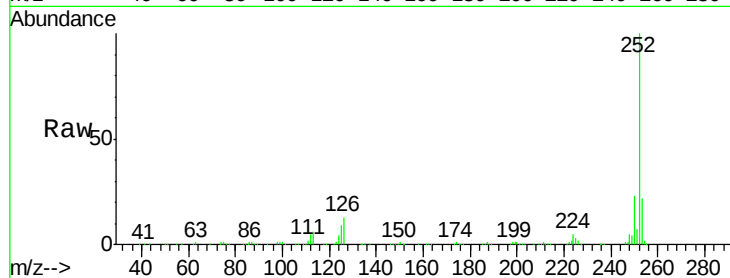
Tot Ion:252 Resp: 710574

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

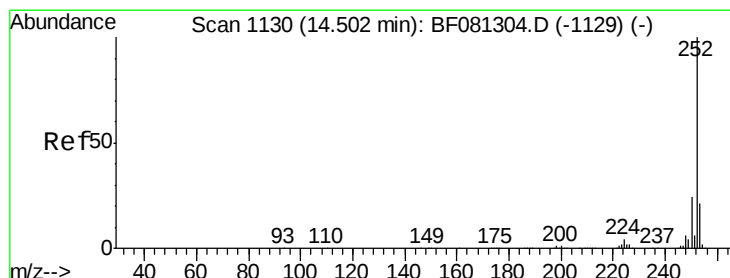
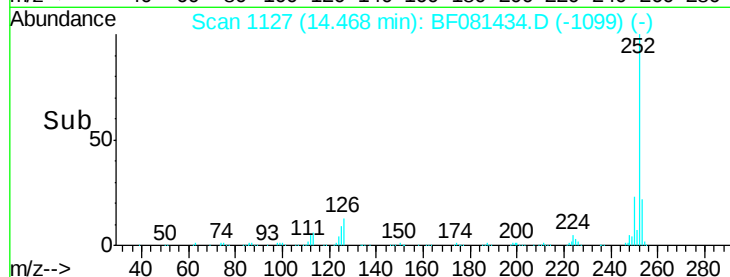
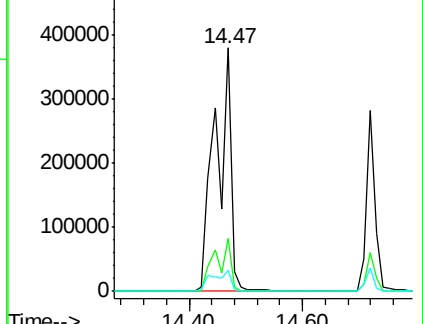
125 8.8 17.1 25.7#



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: 91.06 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

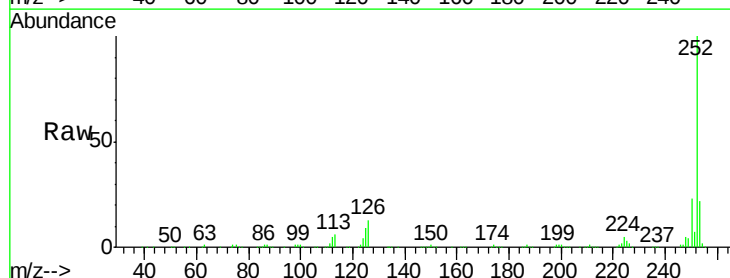
Tgt Ion:252 Resp: 710574

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

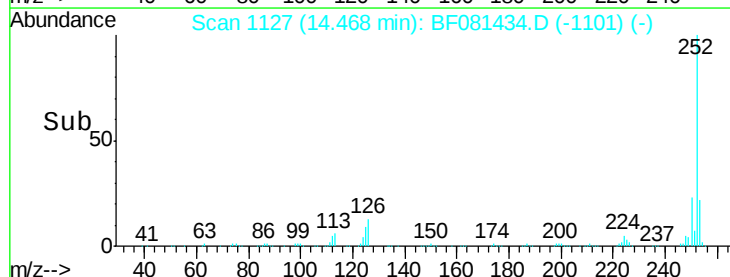
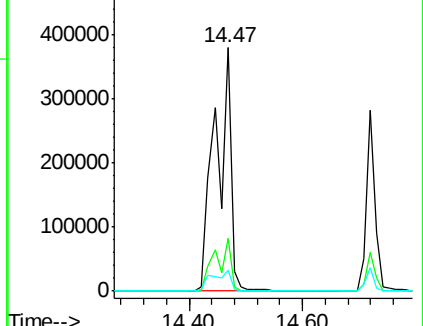
125 8.8 16.0 24.0#

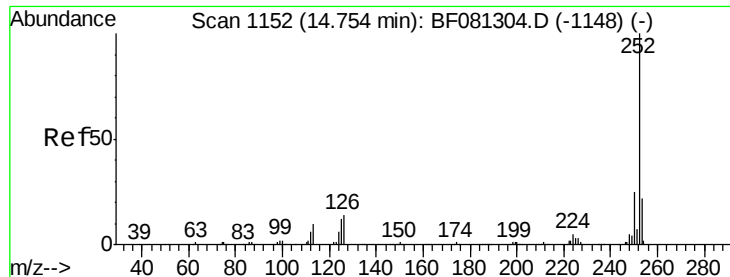


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.86 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

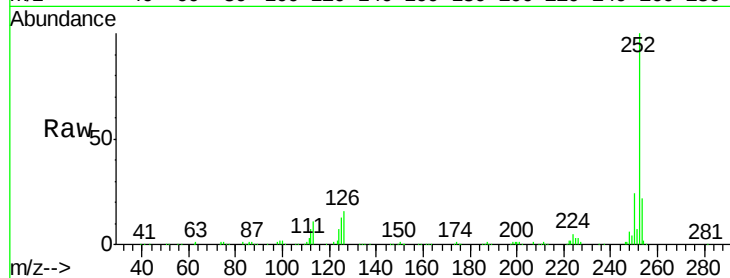
Tot Ion:252 Resp: 309701

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

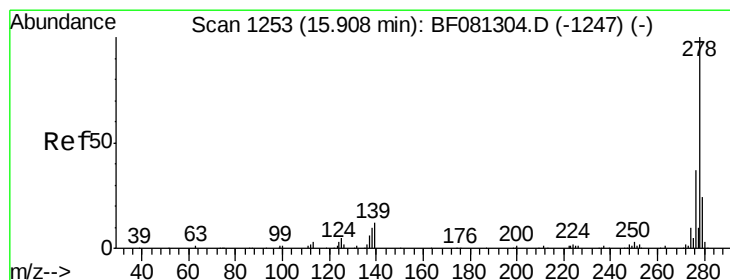
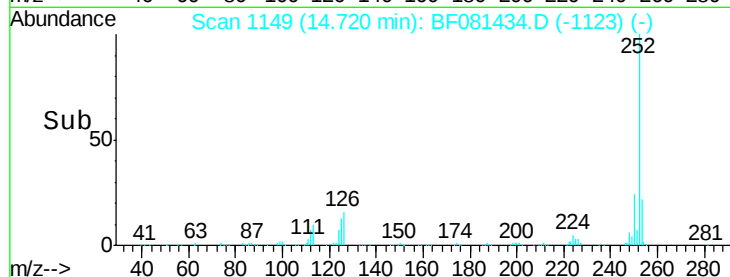
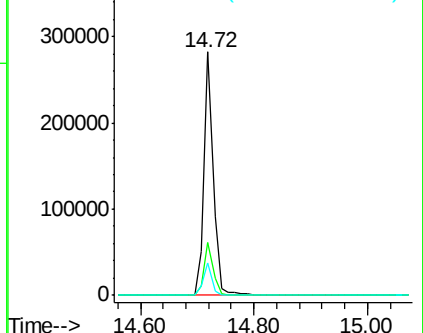
125 13.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.25 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

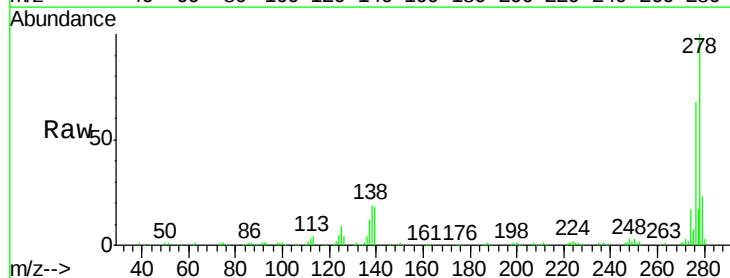
Tgt Ion:278 Resp: 254038

Ion Ratio Lower Upper

278 100

139 17.9 26.3 39.5#

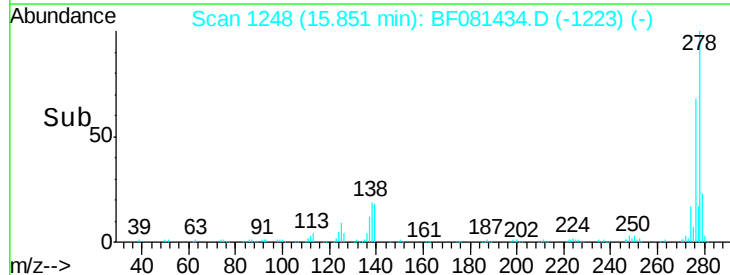
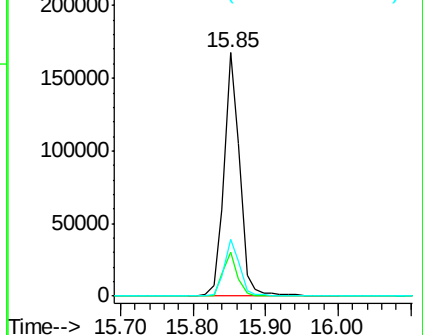
279 23.3 18.2 27.4

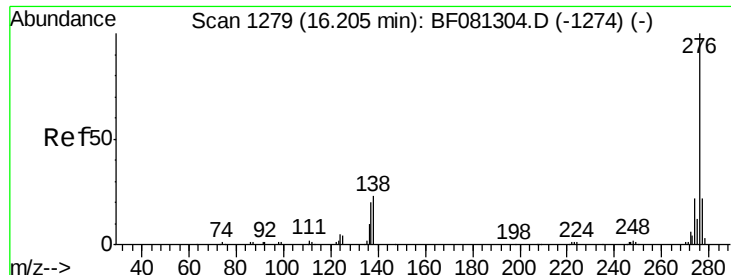


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

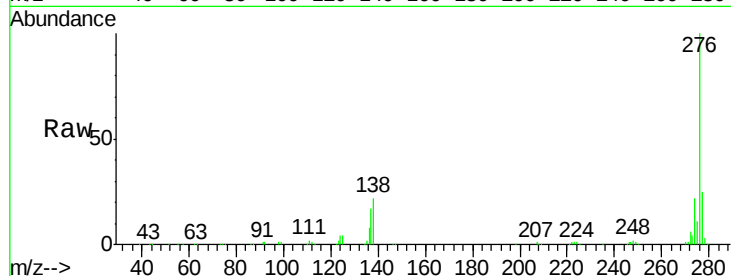




#91
 Benzo(a,h,i)perylene
 Concen: 42.59 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	21.5	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

