

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081410.D
 Acq On : 4 Sep 2015 8:55
 Operator : UM/IZ
 Sample : G3505-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 09:55:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	53725	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	204069	20.00	ng	-0.02
38) Acenaphthene-d10	9.40	164	97558	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	182738	20.00	ng	-0.01
75) Chrysene-d12	13.47	240	116275	20.00	ng	-0.02
86) Perylene-d12	14.78	264	89946	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	474184	136.94	ng	0.00
7) Phenol-d6	6.04	99	639189	139.45	ng	-0.01
23) Nitrobenzene-d5	6.95	82	403901	95.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.19	330	138384	159.31	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	656152	86.19	ng	-0.02
78) Terphenyl-d14	12.45	244	553668	110.84	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	49536	31.85	ng	# 90
4) n-Nitrosodimethylamine	2.25	42	92318	38.75	ng	# 77
6) Aniline	6.03	93	58572	9.05	ng	# 49
8) 2-Chlorophenol	6.16	128	153969	40.35	ng	# 94
9) Benzaldehyde	5.91	77	21825	7.60	ng	# 86
10) Phenol	6.06	94	192283	36.17	ng	# 49
11) bis(2-Chloroethyl)ether	6.12	93	161769	42.18	ng	# 91
12) 1,3-Dichlorobenzene	6.31	146	162380	39.83	ng	# 93
13) 1,4-Dichlorobenzene	6.39	146	171001	41.19	ng	# 90
14) 1,2-Dichlorobenzene	6.54	146	139321	37.28	ng	# 88
15) Benzyl Alcohol	6.54	79	146046	38.84	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	6.67	45	295097	40.14	ng	# 14
17) 2-Methylphenol	6.67	107	129024	42.38	ng	# 76
18) Hexachloroethane	6.88	117	64250	39.78	ng	# 91
19) n-Nitroso-di-n-propylamine	6.81	70	119523	38.31	ng	# 86
20) 3+4-Methylphenols	6.83	107	168012	40.93	ng	# 89
22) Acetophenone	6.80	105	235008	42.16	ng	# 79
24) Nitrobenzene	6.97	77	203597	46.35	ng	# 68
25) Isophorone	7.21	82	307646	39.10	ng	# 83
26) 2-Nitrophenol	7.29	139	80131	41.86	ng	# 72
27) 2,4-Dimethylphenol	7.35	122	113317	34.27	ng	# 73
28) bis(2-Chloroethoxy)methane	7.44	93	191073	42.05	ng	# 92
29) 2,4-Dichlorophenol	7.54	162	117533	40.99	ng	# 99
30) 1,2,4-Trichlorobenzene	7.61	180	138315	44.40	ng	# 98
31) Naphthalene	7.68	128	433961	39.87	ng	# 98
32) Benzoic acid	7.44	122	5259	4.65	ng	# 62
33) 4-Chloroaniline	7.75	127	50659	11.41	ng	# 87
34) Hexachlorobutadiene	7.80	225	76518	40.36	ng	# 98
35) Caprolactam	8.12	113	9193	10.45	ng	# 40
36) 4-Chloro-3-methylphenol	8.25	107	131329	40.92	ng	# 71
37) 2-Methylnaphthalene	8.38	142	307513	43.42	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	114713	37.18	ng	# 98
40) Hexachlorocyclopentadiene	8.52	237	93232	61.57	ng	# 93
42) 2,4,6-Trichlorophenol	8.66	196	83464	39.20	ng	# 99

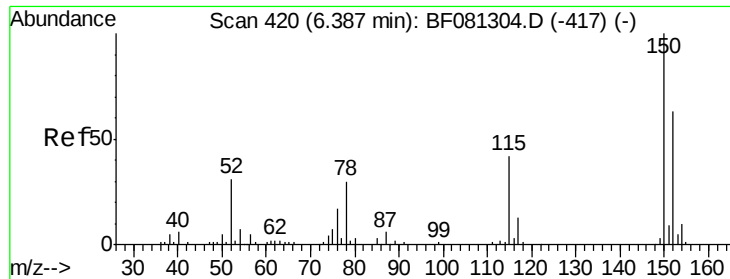
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.71	196	83181	38.29	nq	# 84
45) 1,1'-Biphenyl	8.84	154	342694	38.18	nq	95
46) 2-Chloronaphthalene	8.86	162	256791	39.62	nq	# 89
47) 2-Nitroaniline	8.97	65	105775	40.04	nq	84
48) Acenaphthylene	9.27	152	424579	36.92	nq	97
49) Dimethylphthalate	9.16	163	431324	56.90	nq	# 96
50) 2,6-Dinitrotoluene	9.21	165	57677	33.53	nq	# 15
51) Acenaphthene	9.44	154	264707	40.47	nq	90
52) 3-Nitroaniline	9.37	138	50049	25.55	nq	# 31
53) 2,4-Dinitrophenol	9.48	184	28428	39.23	nq	# 32
54) Dibenzofuran	9.61	168	380556	39.84	nq	93
55) 4-Nitrophenol	9.58	139	100776	81.90	nq	# 57
56) 2,4-Dinitrotoluene	9.61	165	79914	36.48	nq	# 32
57) Fluorene	9.94	166	273118	37.68	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	70518	42.52	nq	95
59) Diethylphthalate	9.85	149	296067	37.13	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	138747	41.07	nq	94
61) 4-Nitroaniline	9.99	138	72978	36.88	nq	# 36
62) Azobenzene	10.10	77	332417	37.50	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.02	198	34782	34.03	nq	# 69
65) n-Nitrosodiphenylamine	10.07	169	240694	36.20	nq	93
66) 4-Bromophenyl-phenylether	10.43	248	79956	43.27	nq	92
67) Hexachlorobenzene	10.49	284	76196	39.44	nq	# 77
68) Atrazine	10.62	200	76395	39.70	nq	82
69) Pentachlorophenol	10.69	266	72463	77.37	nq	99
70) Phenanthrene	10.89	178	419735	41.32	nq	97
71) Anthracene	10.94	178	400875	38.41	nq	98
72) Carbazole	11.11	167	405499	41.40	nq	97
73) Di-n-butylphthalate	11.46	149	491098	42.46	nq	# 99
74) Fluoranthene	12.06	202	416574	37.88	nq	92
77) Pyrene	12.29	202	469247	54.48	nq	98
79) Butylbenzylphthalate	12.94	149	190429	50.84	nq	93
80) Benzo(a)anthracene	13.46	228	308300	41.64	nq	96
81) 3,3'-Dichlorobenzidine	13.44	252	47147	18.88	nq	# 95
82) Chrysene	13.50	228	238616	35.95	nq	96
83) Bis(2-ethylhexyl)phthalate	13.50	149	219037	44.31	nq	# 88
84) Di-n-octyl phthalate	14.10	149	307731	37.81	nq	95
85) Indeno(1,2,3-cd)pyrene	15.86	276	247547	50.83	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	484686	75.48	nq	# 84
88) Benzo(k)fluoranthene	14.48	252	484686	90.96	nq	# 86
89) Benzo(a)pyrene	14.73	252	226482	41.62	nq	# 87
90) Dibenzo(a,h)anthracene	15.87	278	203436	48.38	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	210801	52.53	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

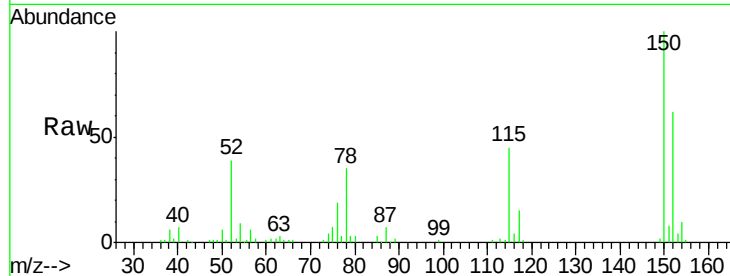
Tot Ion:152 Resp: 53725

Ion Ratio Lower Upper

152 100

150 160.1 124.7 187.1

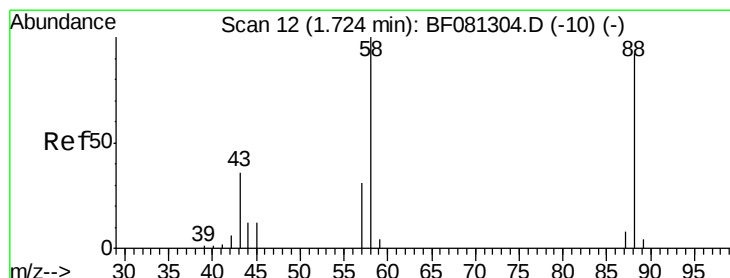
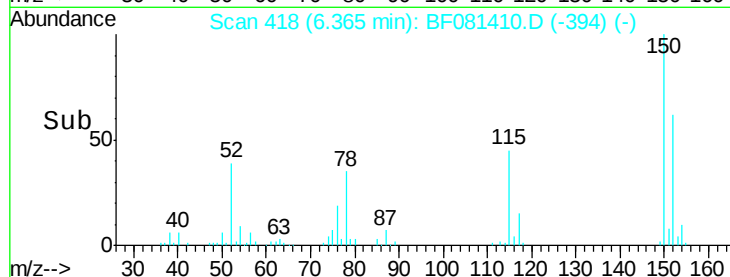
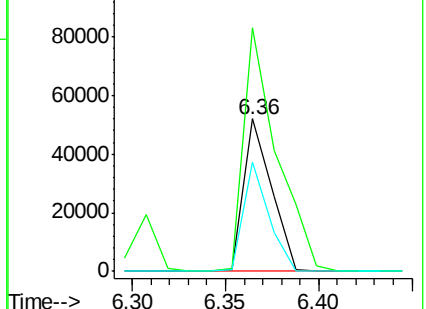
115 71.8 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.85 ng

RT: 1.75 min Scan# 14

Delta R.T. 0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

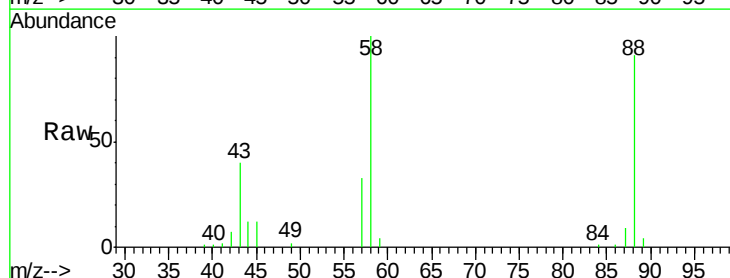
Tgt Ion: 88 Resp: 49536

Ion Ratio Lower Upper

88 100

58 104.0 77.7 116.5

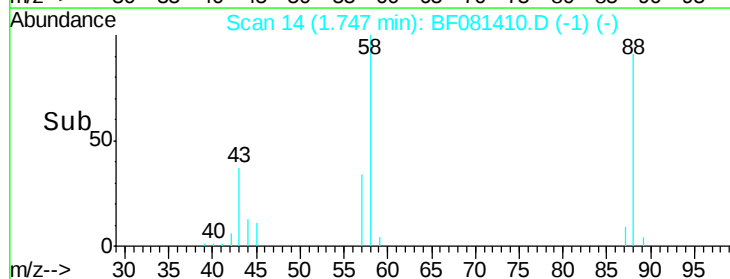
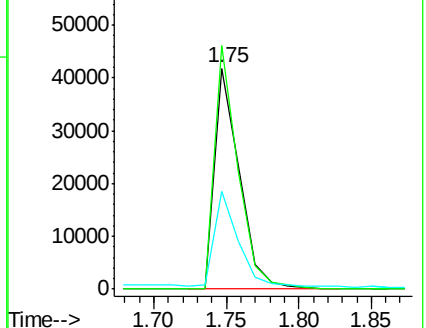
43 44.0 26.6 40.0#

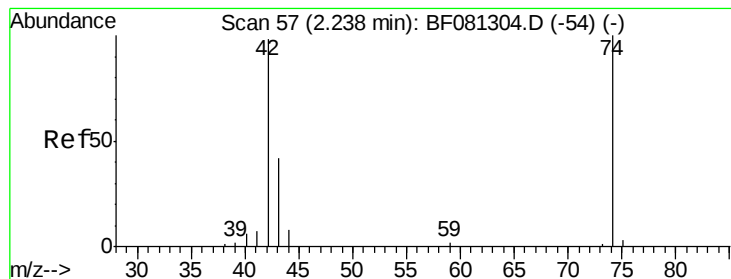


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 38.75 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

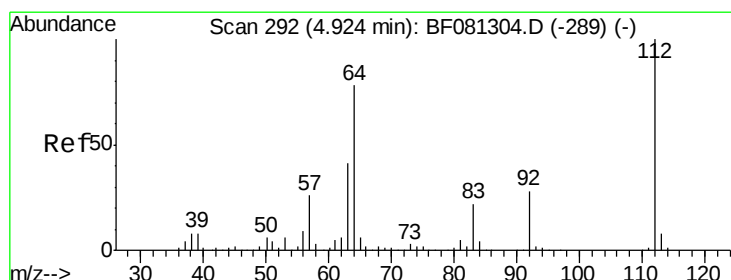
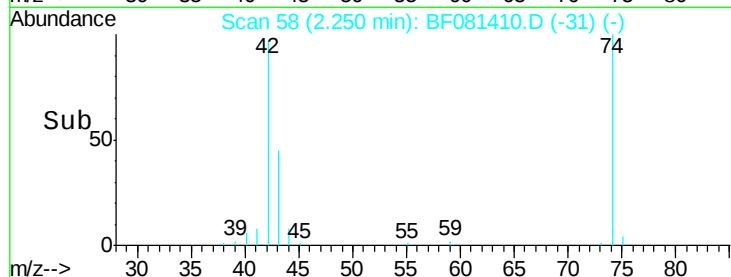
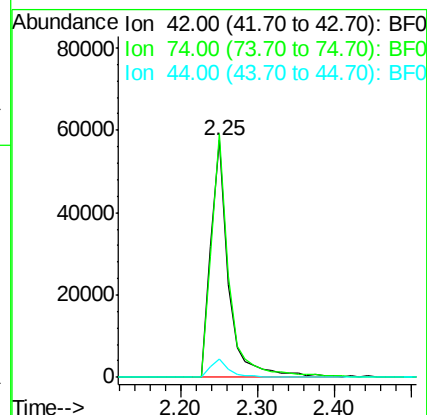
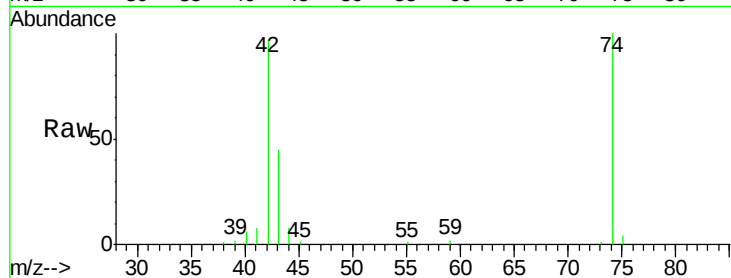
Tot Ion: 42 Resp: 92318

Ion Ratio Lower Upper

42 100

74 102.7 105.0 157.6#

44 7.9 6.6 10.0



#5

2-Fluorophenol

Concen: 136.94 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

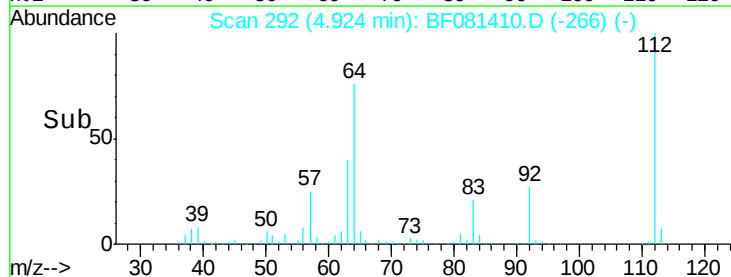
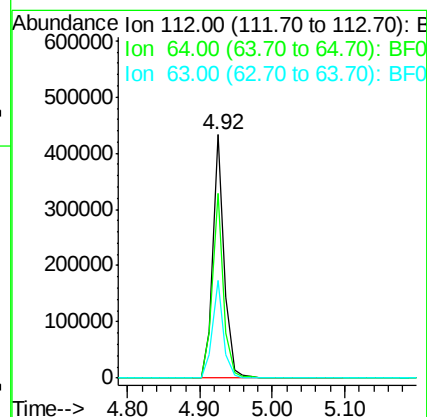
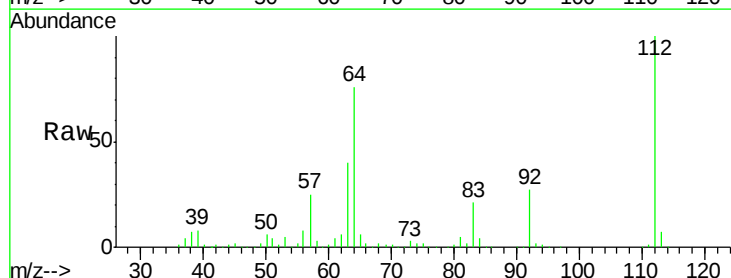
Tgt Ion: 112 Resp: 474184

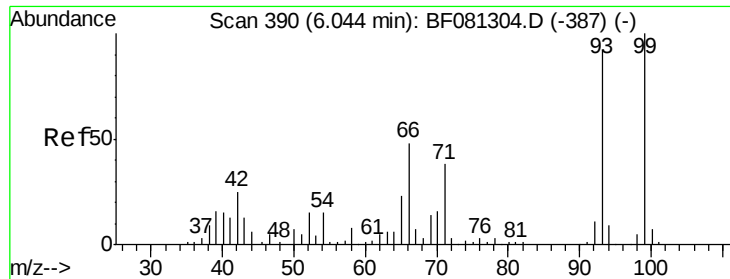
Ion Ratio Lower Upper

112 100

64 75.8 39.7 59.5#

63 40.1 17.4 26.0#





#6

Aniline

Concen: 9.05 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampled :

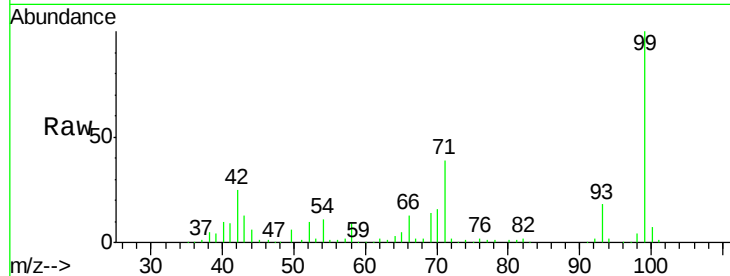
Tot Ion: 93 Resp: 58572

Ion Ratio Lower Upper

93 100

66 71.8 27.2 40.8#

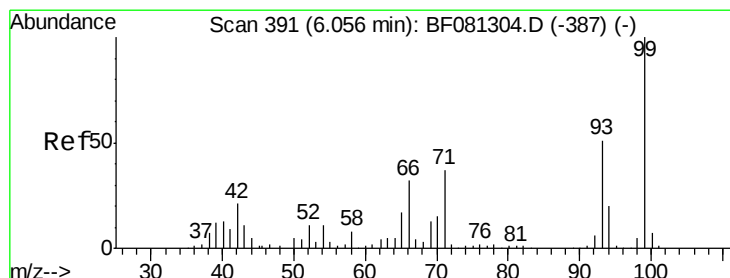
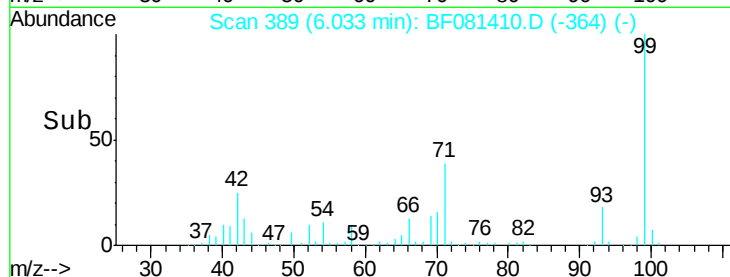
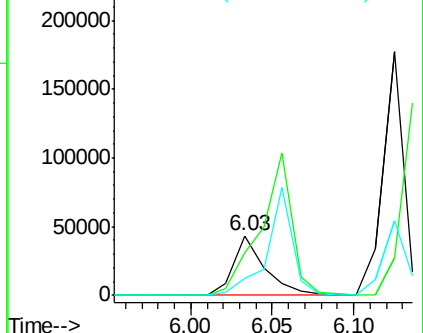
65 29.2 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 139.45 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

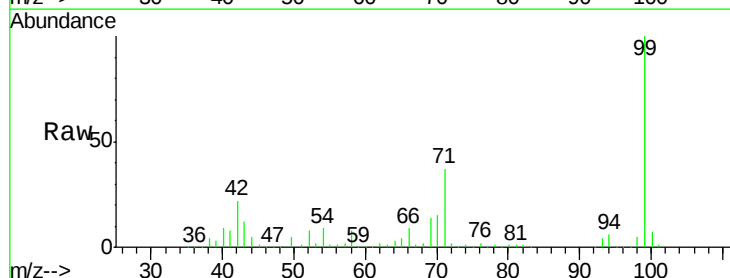
Tgt Ion: 99 Resp: 639189

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

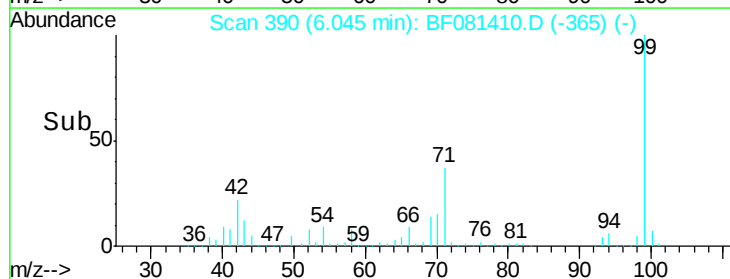
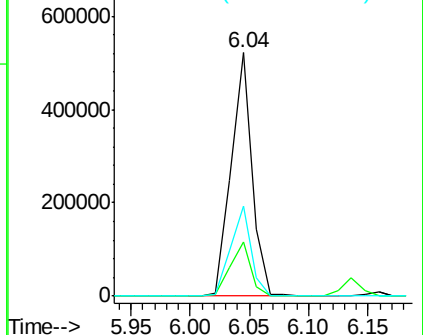
71 37.1 14.2 21.2#

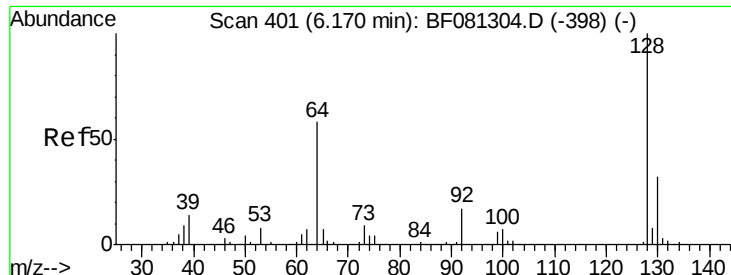


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

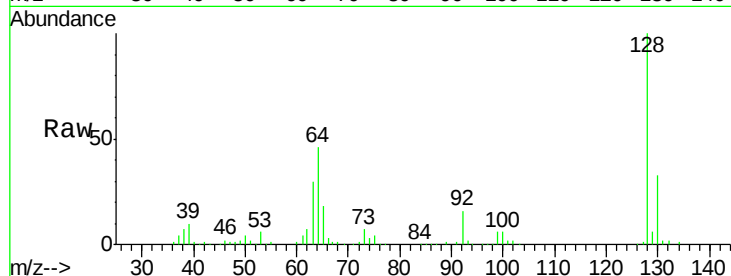
Tot Ion:128 Resp: 153969

Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

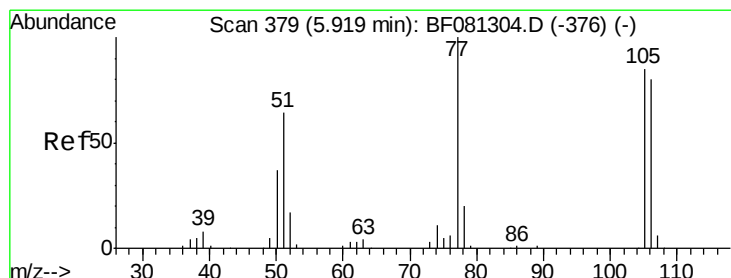
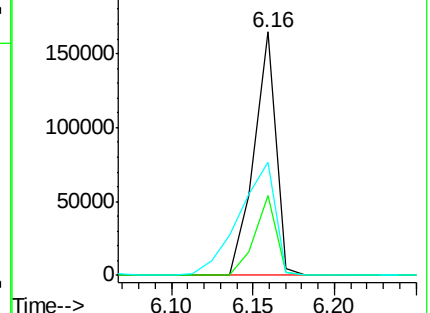
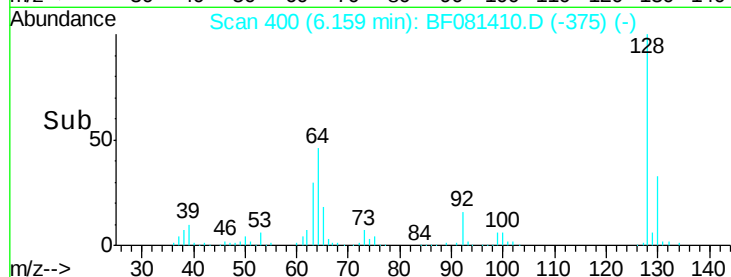
64 46.5 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 7.60 ng

RT: 5.91 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

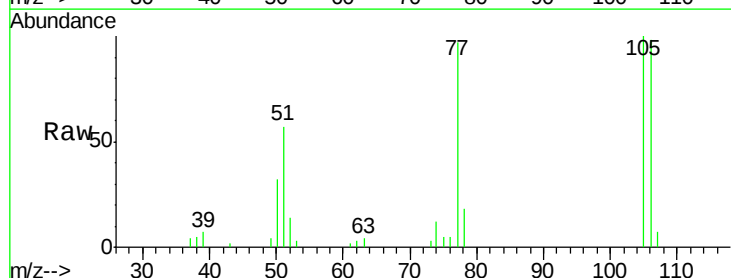
Tgt Ion: 77 Resp: 21825

Ion Ratio Lower Upper

77 100

105 103.0 91.6 131.6

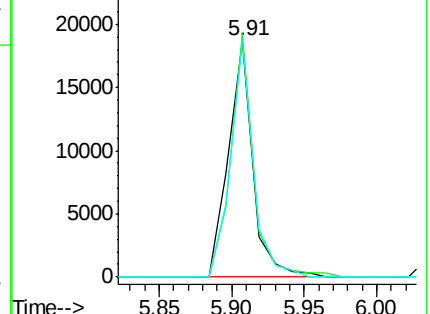
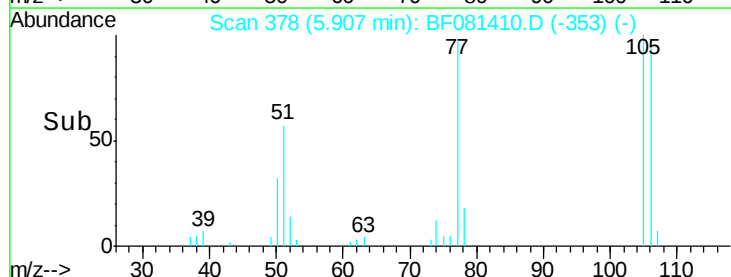
106 100.6 102.6 142.6#

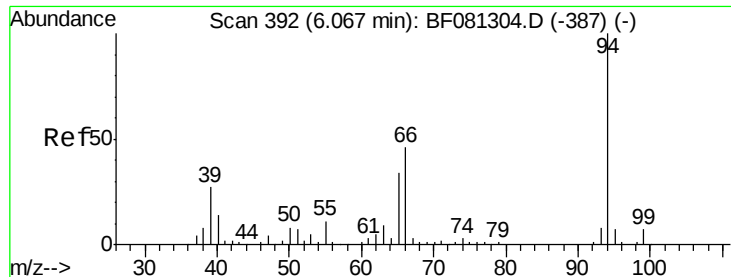


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

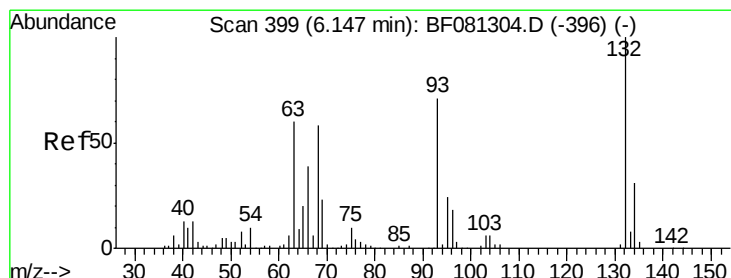
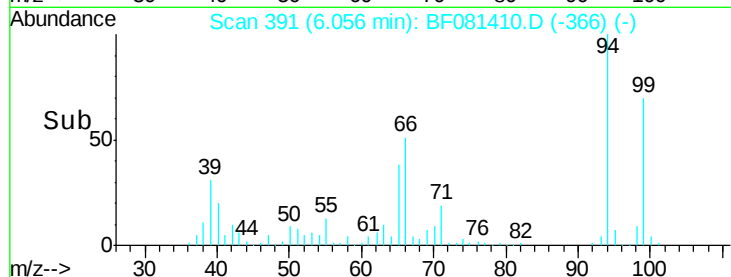
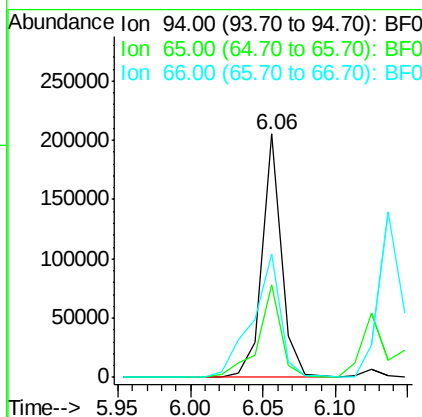
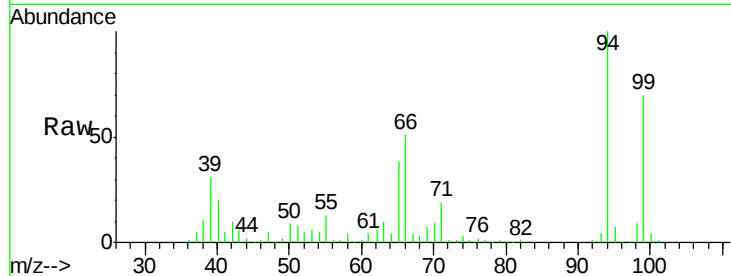




#10
Phenol
Concen: 36.17 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

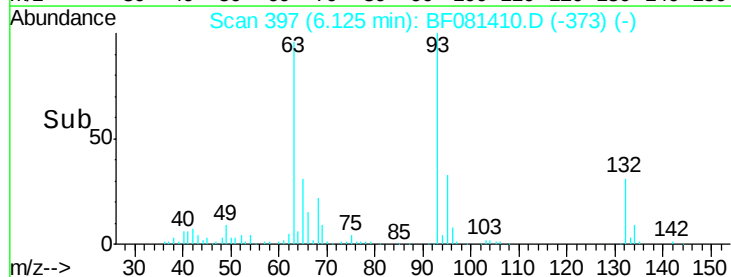
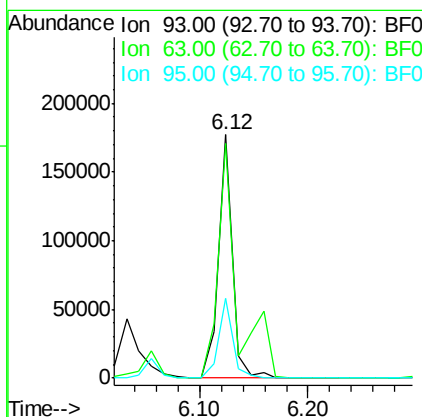
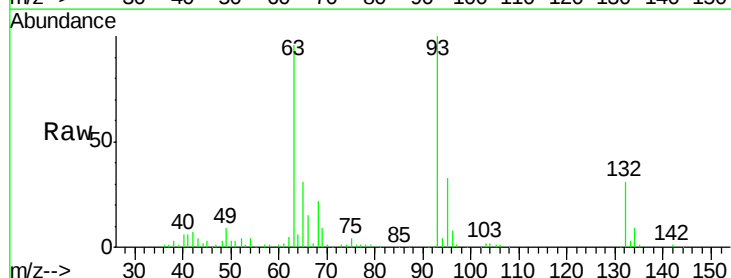
Instrument :
BNA_F
ClientSampled :

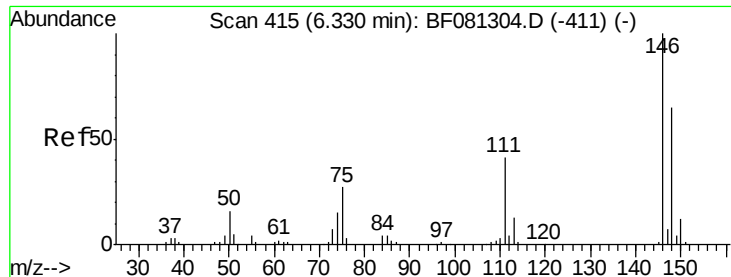
Tot Ion: 94 Resp: 192283
Ion Ratio Lower Upper
94 100
65 38.0 0.7 40.7
66 50.6 0.8 40.8#



#11
bis(2-Chloroethyl)ether
Concen: 42.18 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion: 93 Resp: 161769
Ion Ratio Lower Upper
93 100
63 96.3 65.6 105.6
95 32.7 13.6 53.6

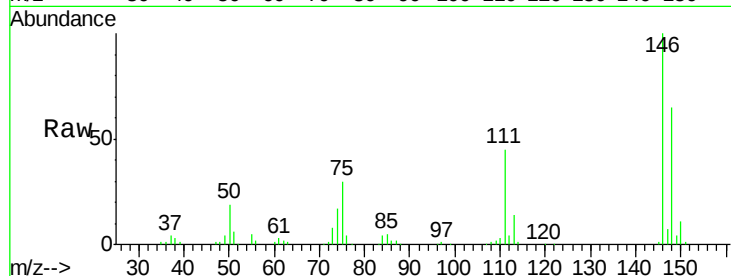




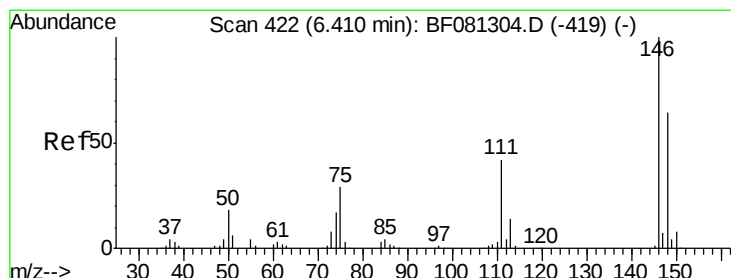
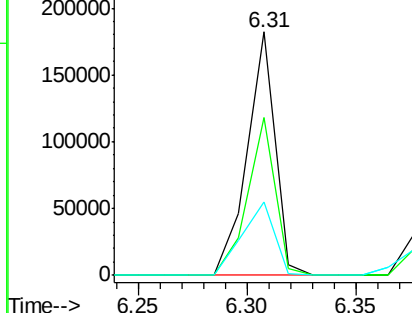
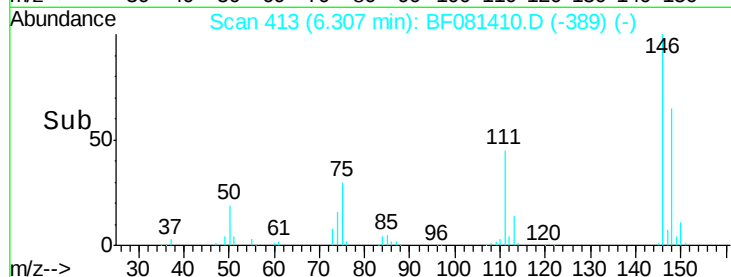
#12
 1,3-Dichlorobenzene
 Concen: 39.83 ng
 RT: 6.31 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.4
75	30.4	15.0	22.6

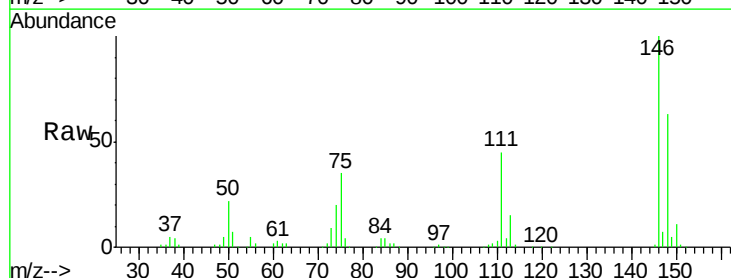


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

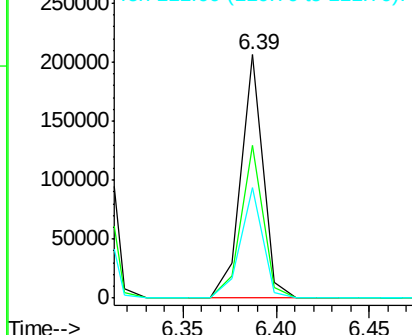
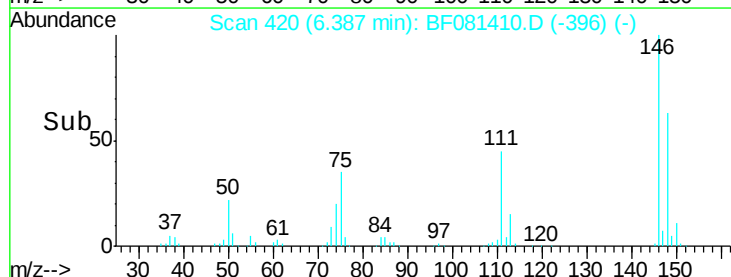


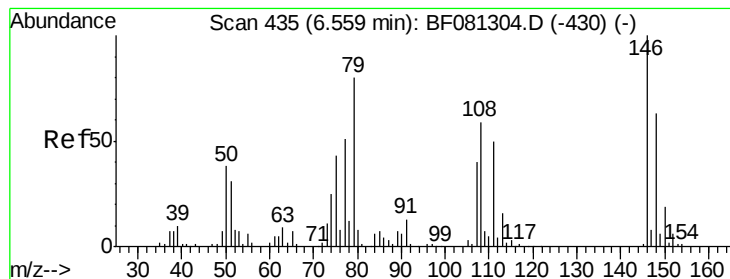
#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 6.39 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
111	45.2	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: 37.28 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

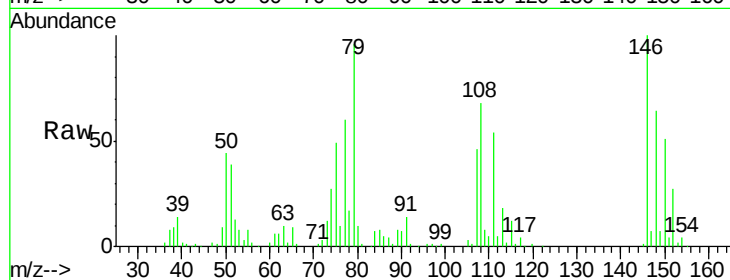
Tot Ion:146 Resp: 139321

Ion Ratio Lower Upper

146 100

148 64.2 52.7 79.1

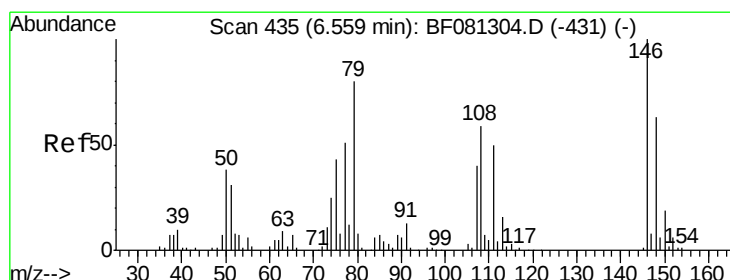
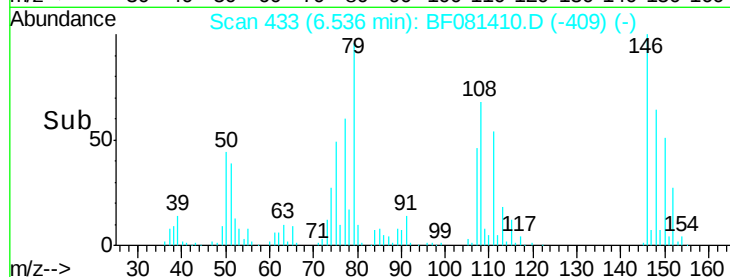
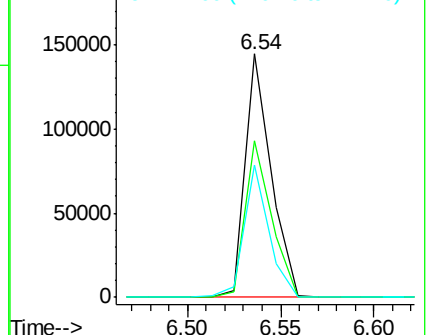
111 54.2 28.8 43.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

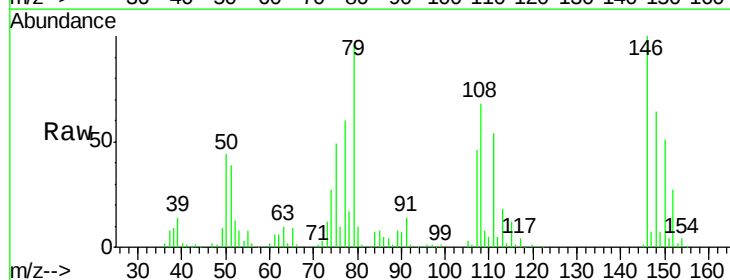
Tgt Ion: 79 Resp: 146046

Ion Ratio Lower Upper

79 100

108 70.8 88.6 132.8#

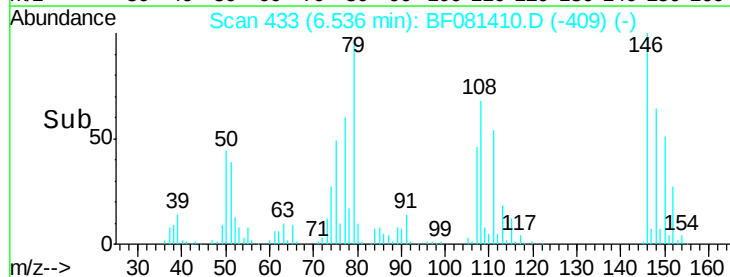
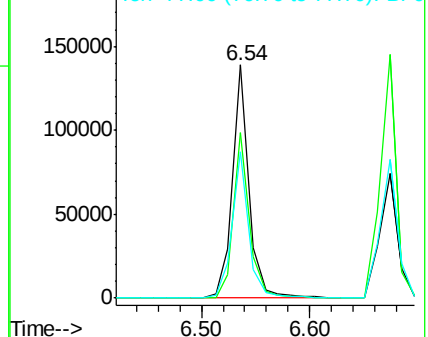
77 62.8 47.0 70.4

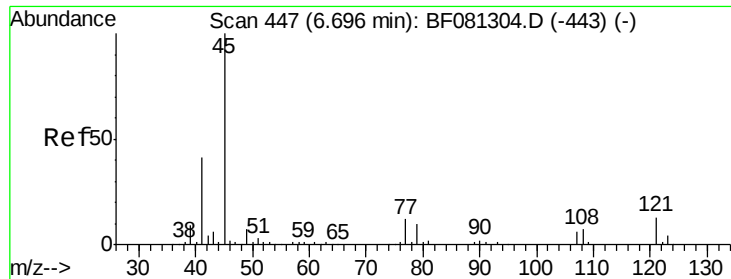


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

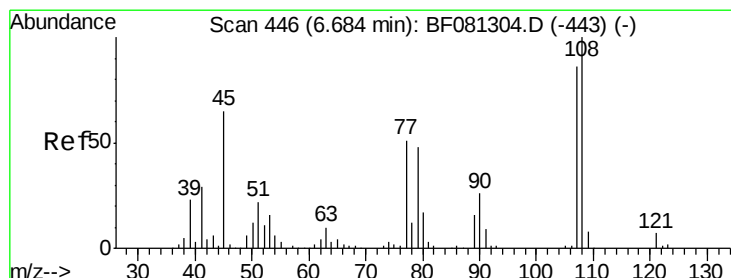
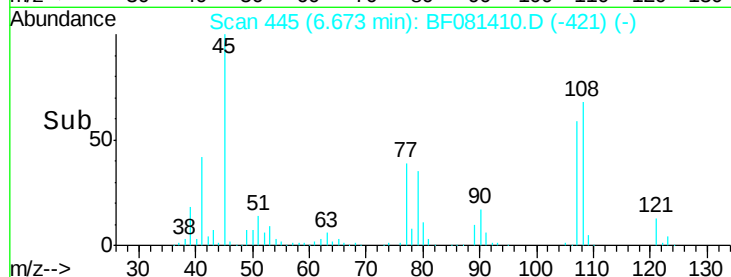
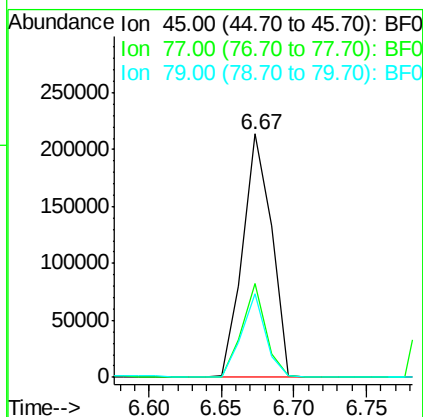
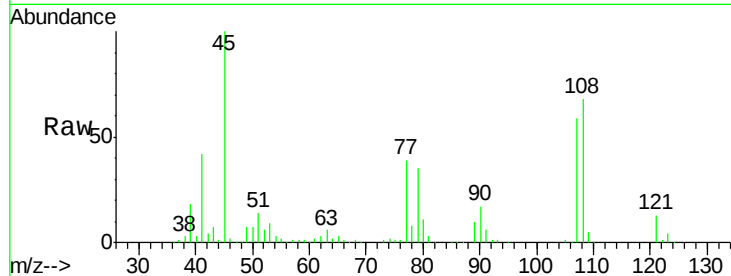




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.14 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

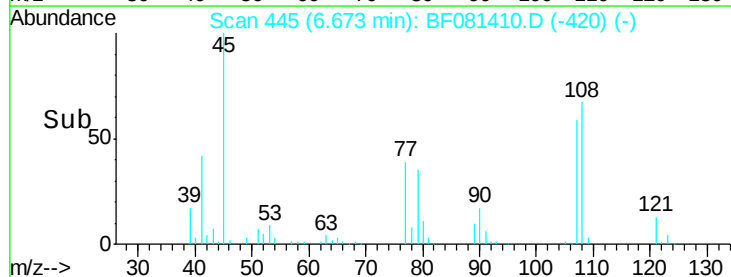
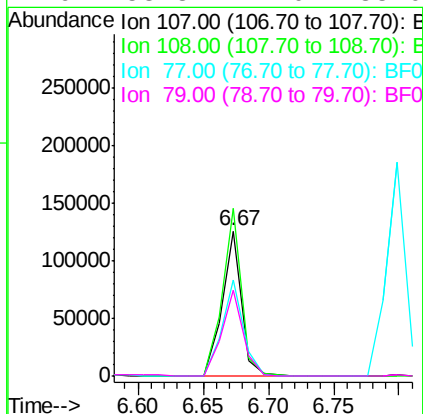
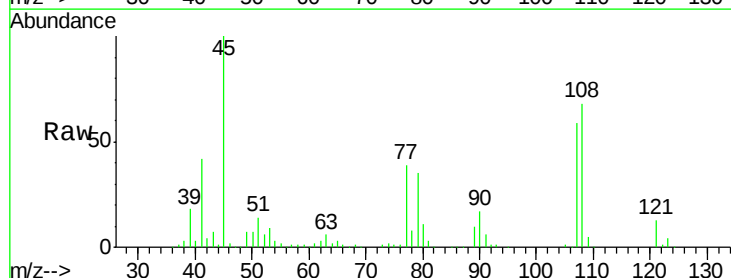
Instrument :
BNA_F
ClientSampleId :

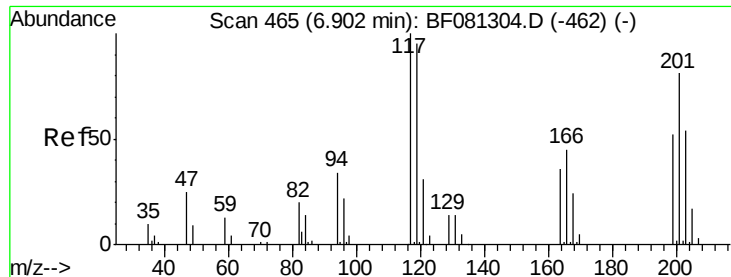
Tot Ion: 45 Resp: 295097
Ion Ratio Lower Upper
45 100
77 38.7 0.0 28.1#
79 34.6 0.0 26.0#



#17
2-Methylphenol
Concen: 42.38 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion: 107 Resp: 129024
Ion Ratio Lower Upper
107 100
108 115.4 96.6 145.0
77 65.8 23.3 34.9#
79 58.8 22.0 33.0#

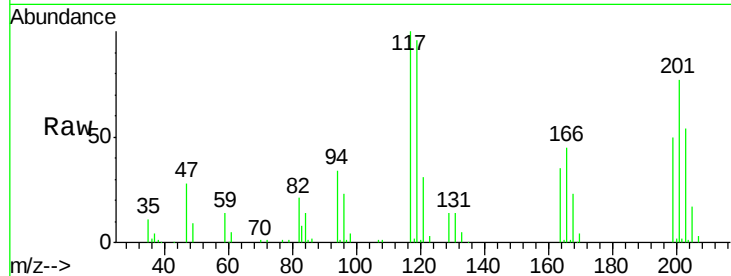




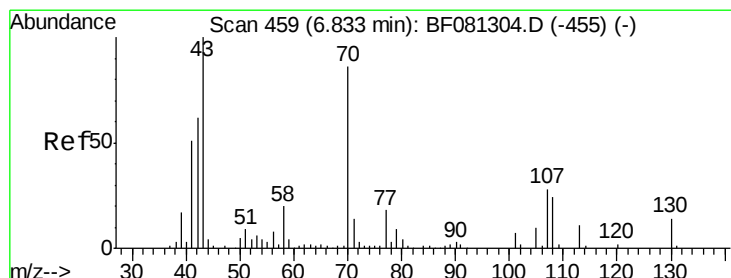
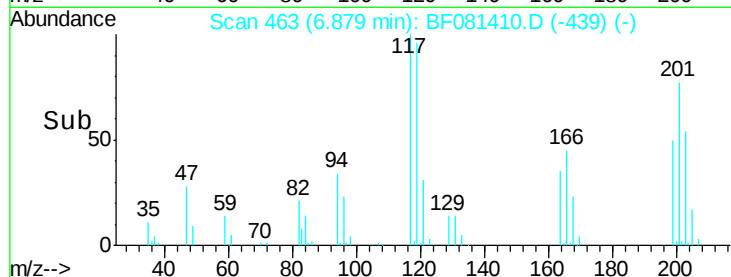
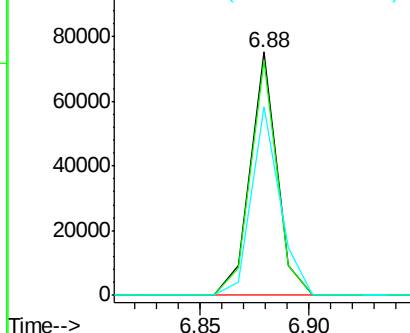
#18
Hexachloroethane
Concen: 39.78 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 64250
Ion Ratio Lower Upper
117 100
119 96.3 83.8 125.6
201 77.4 55.1 82.7

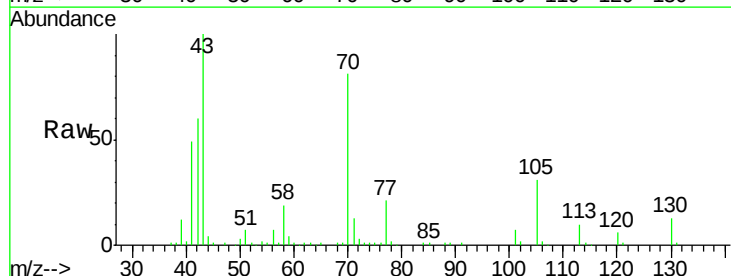


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

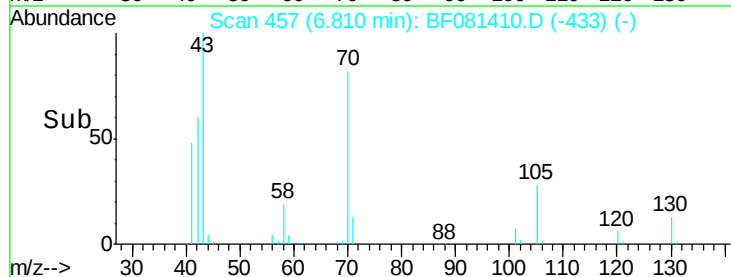
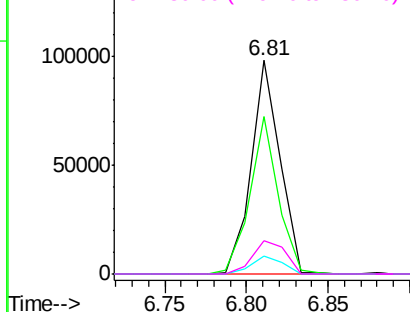


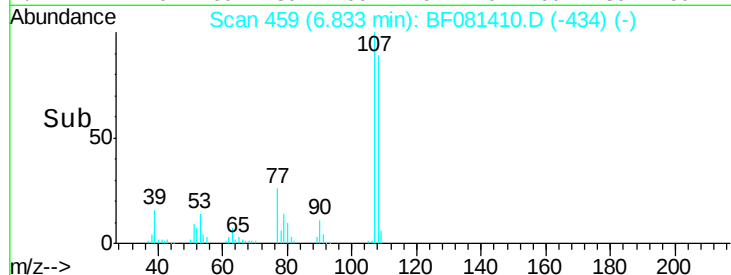
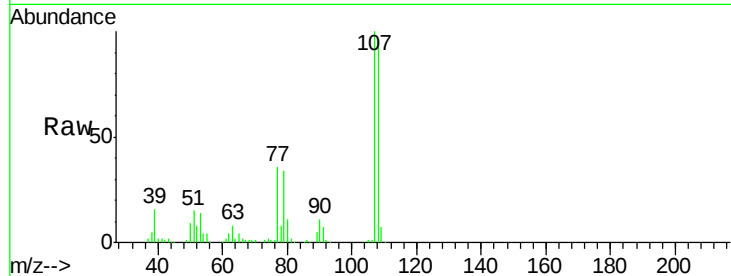
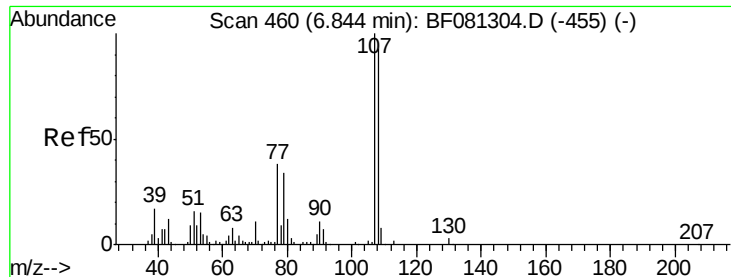
#19
n-Nitroso-di-n-propylamine
Concen: 38.31 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion: 70 Resp: 119523
Ion Ratio Lower Upper
70 100
42 74.0 63.8 95.6
101 8.2 9.2 13.8#
130 15.7 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

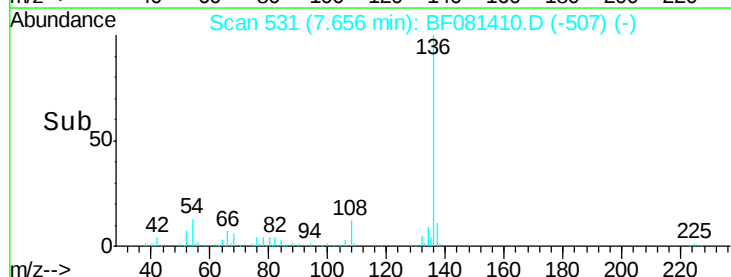
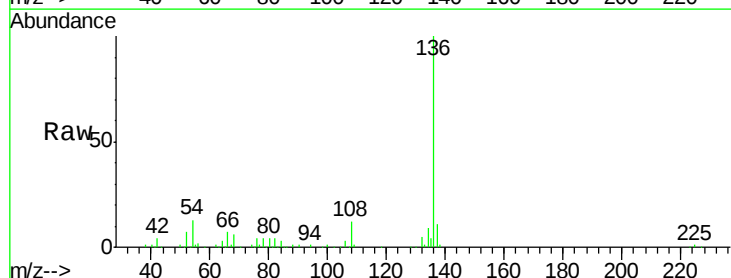
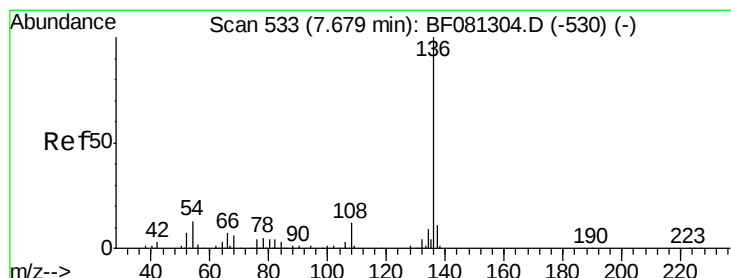
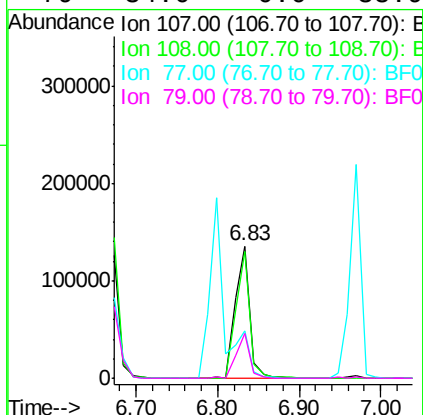




#20
3+4-Methylphenols
Concen: 40.93 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

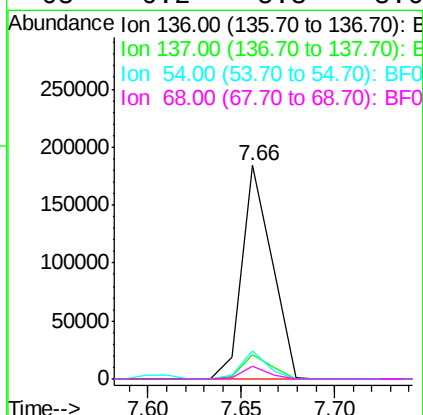
Instrument :
BNA_F
ClientSampleId :

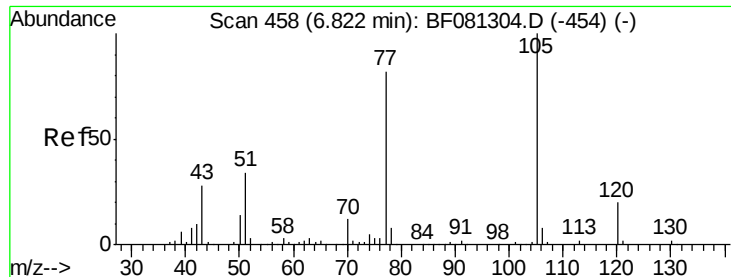
Tot Ion:	107	Resp:	168012
Ion	Ratio	Lower	Upper
107	100		
108	96.0	74.6	114.6
77	35.6	0.7	40.7
79	34.0	0.0	38.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion:	136	Resp:	204069
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	13.2	8.2	12.2#
68	6.2	5.8	8.6

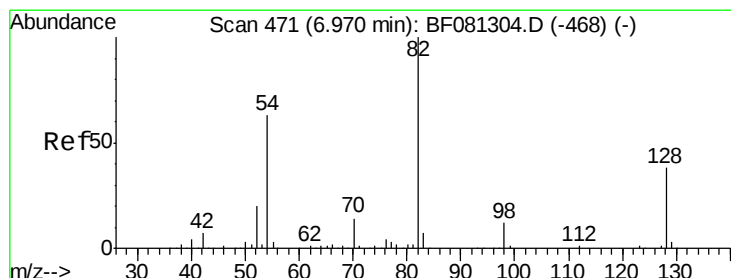
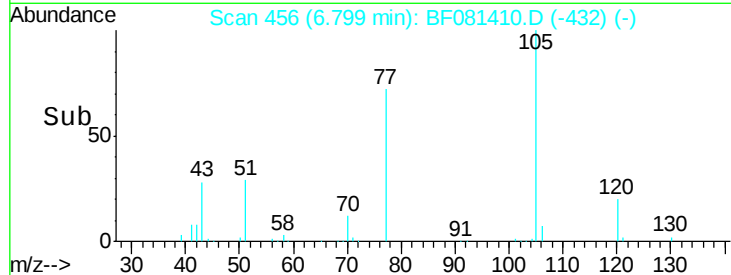
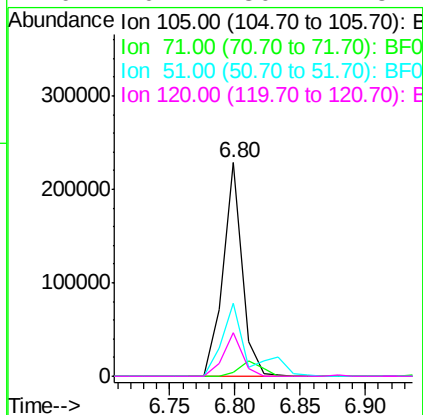
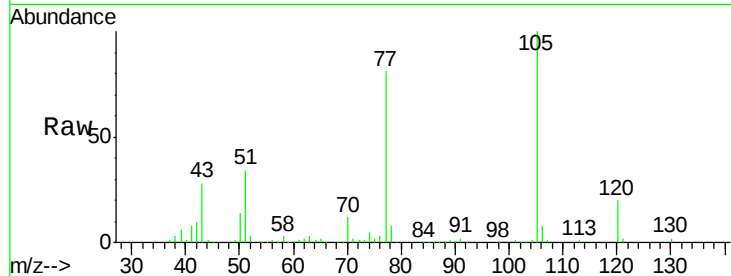




#22
Acetophenone
Concen: 42.16 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

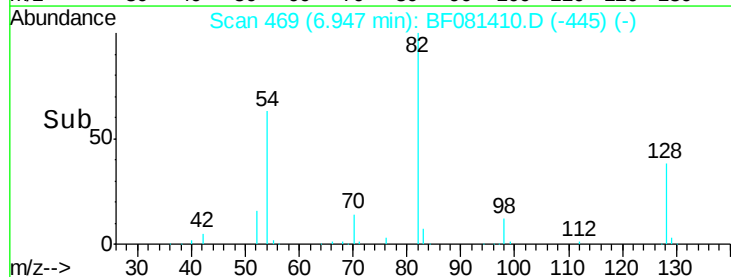
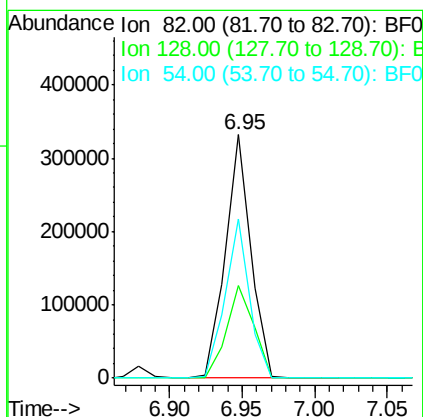
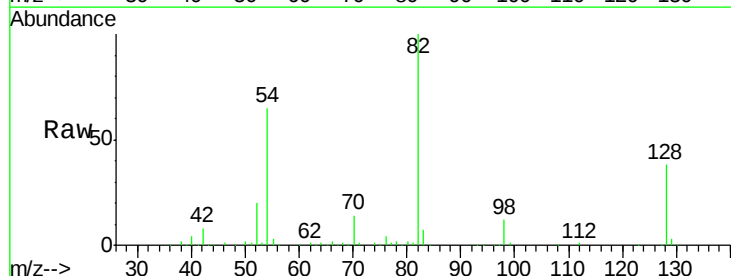
Instrument :
BNA_F
ClientSampleId :

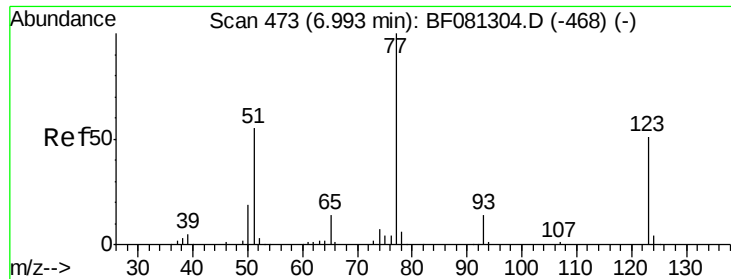
Tot Ion:105 Resp: 235008
Ion Ratio Lower Upper
105 100
71 2.0 4.7 7.1#
51 34.2 22.0 33.0#
120 20.4 30.1 45.1#



#23
Nitrobenzene-d5
Concen: 95.49 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion: 82 Resp: 403901
Ion Ratio Lower Upper
82 100
128 37.9 51.0 76.6#
54 65.4 47.5 71.3

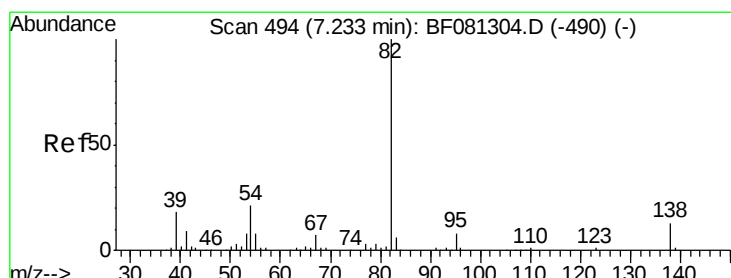
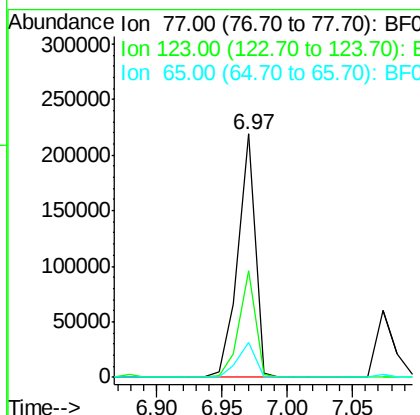
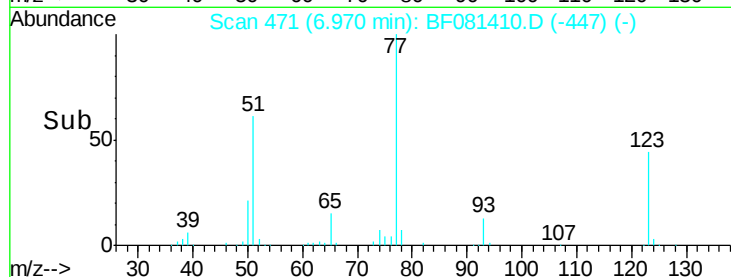
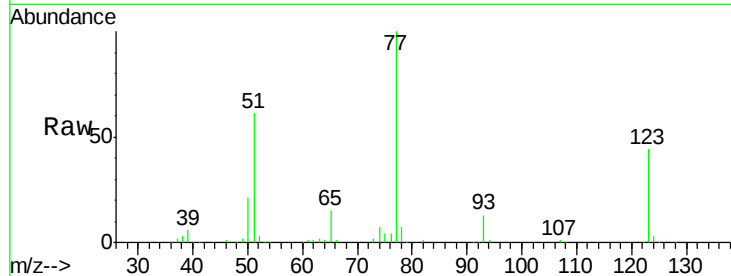




#24
 Nitrobenzene
 Concen: 46.35 ng
 RT: 6.97 min Scan# 471
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

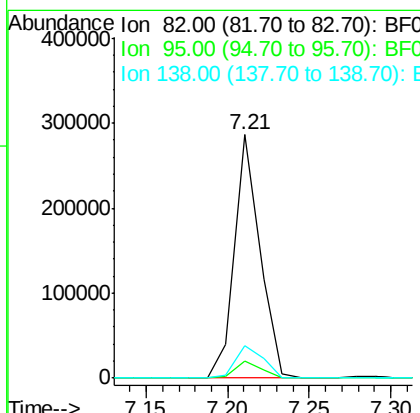
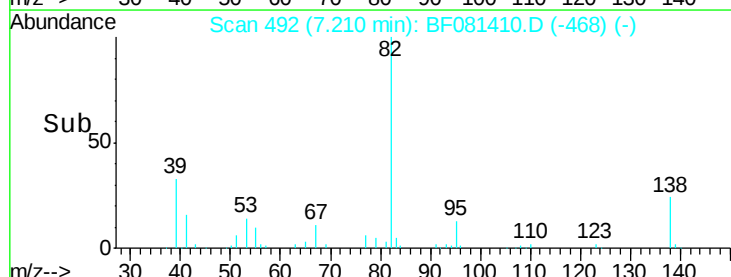
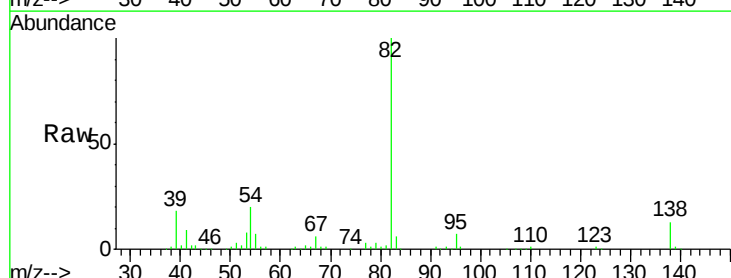
Instrument :
 BNA_F
 ClientSampled :

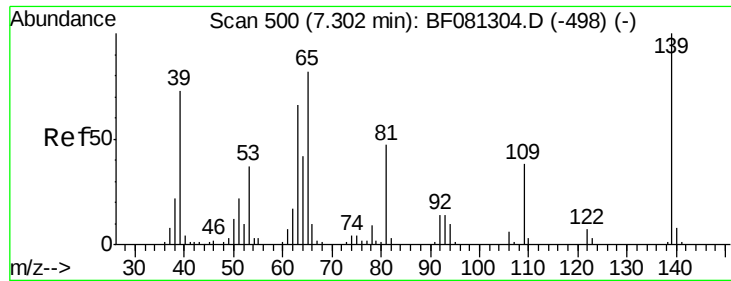
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.6	59.8	89.8#
65	14.6	10.2	15.4



#25
 Isophorone
 Concen: 39.10 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	4.0	6.0#
138	13.4	18.3	27.5#

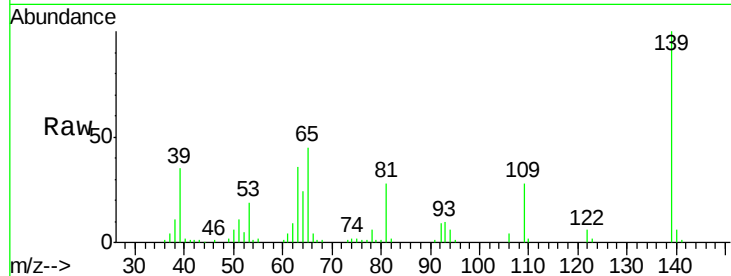




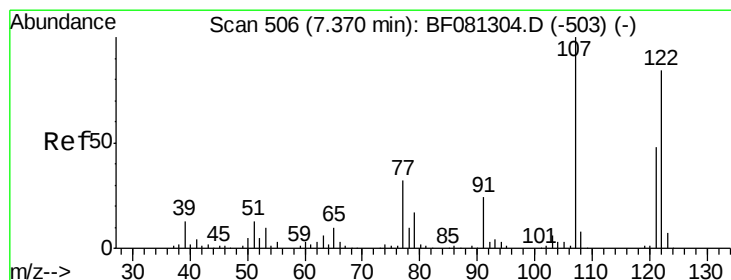
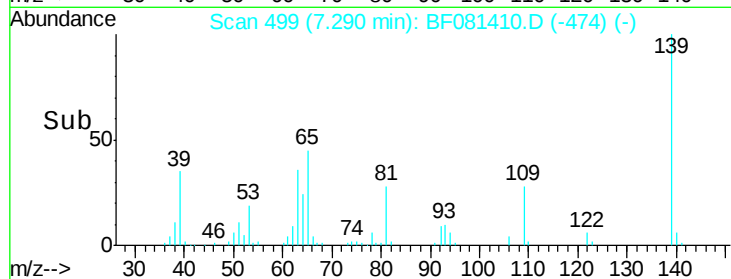
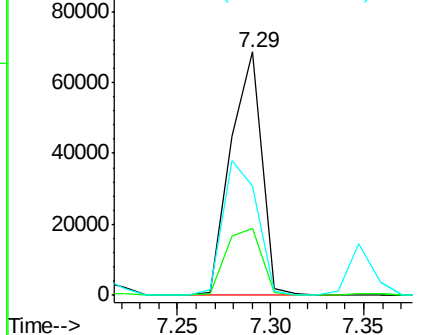
#26
 2-Nitrophenol
 Concen: 41.86 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:139 Resp: 80131
 Ion Ratio Lower Upper
 139 100
 109 27.7 11.0 16.4#
 65 44.6 24.7 37.1#

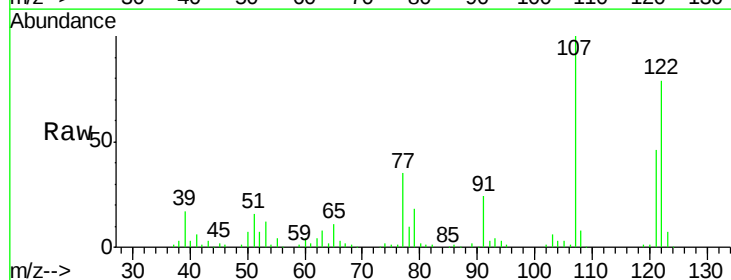


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

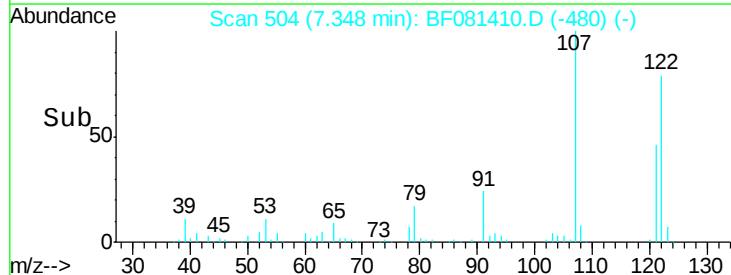
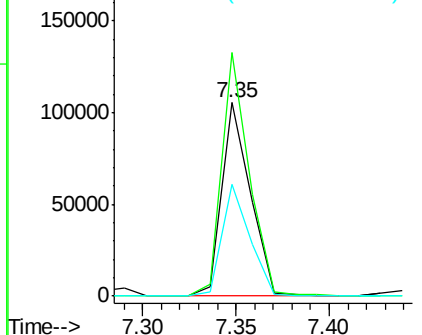


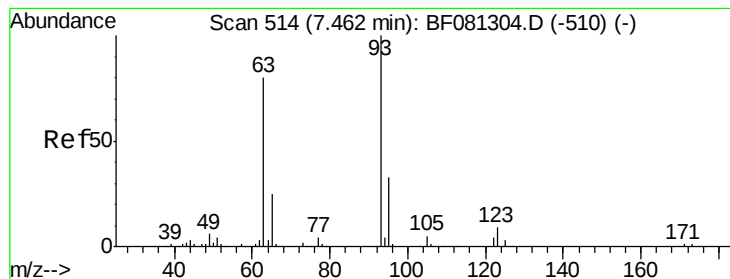
#27
 2,4-Dimethylphenol
 Concen: 34.27 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:122 Resp: 113317
 Ion Ratio Lower Upper
 122 100
 107 126.1 71.8 107.6#
 121 57.7 42.3 63.5



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





#28

bis(2-Chloroethoxy)methane

Concen: 42.05 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

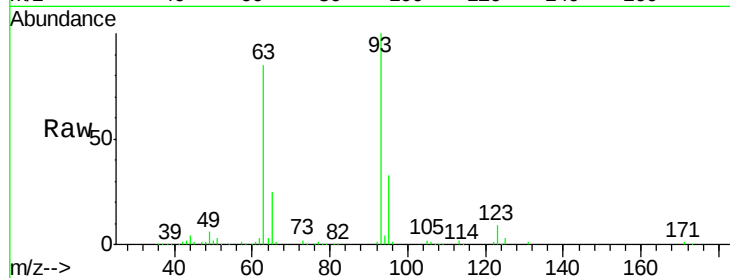
Tot Ion: 93 Resp: 191073

Ion Ratio Lower Upper

93 100

95 32.9 27.5 41.3

123 8.9 13.7 20.5#

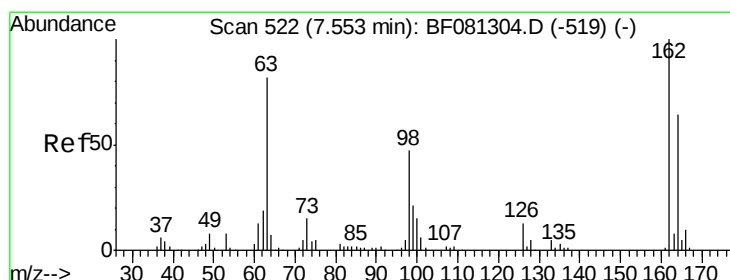
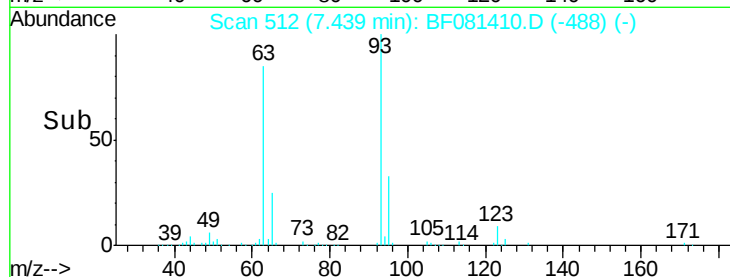


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Time-->



#29

2,4-Dichlorophenol

Concen: 40.99 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

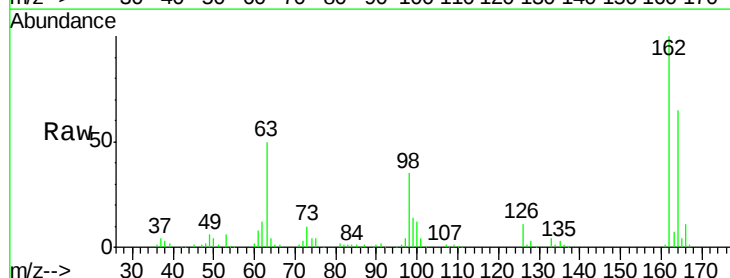
Tgt Ion: 162 Resp: 117533

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

98 34.9 13.0 53.0

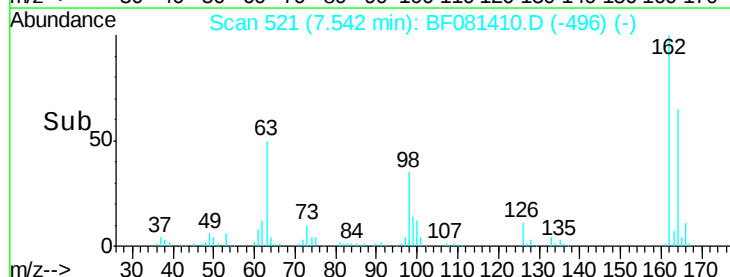


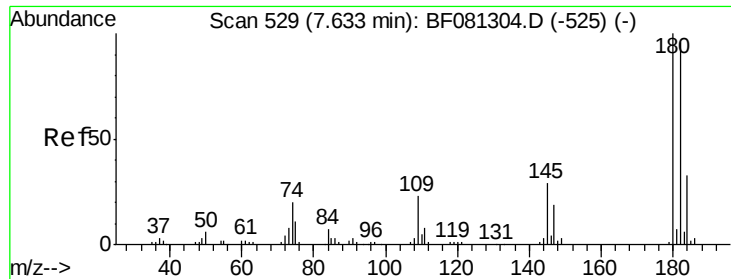
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

Time-->

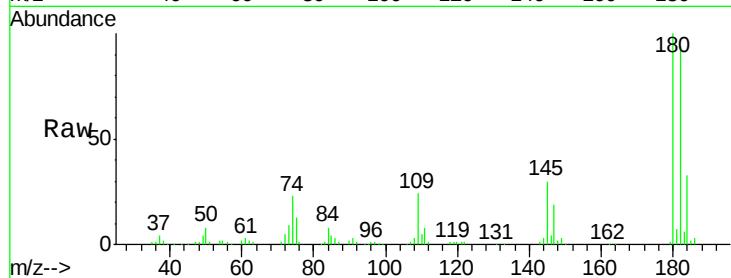




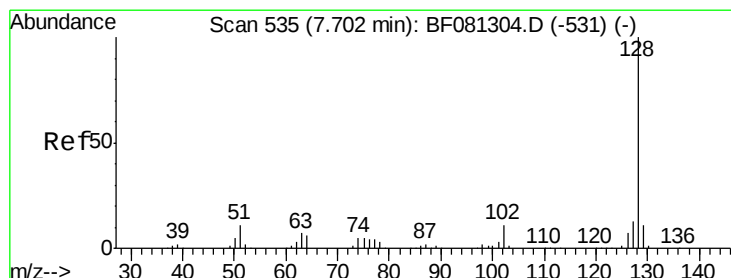
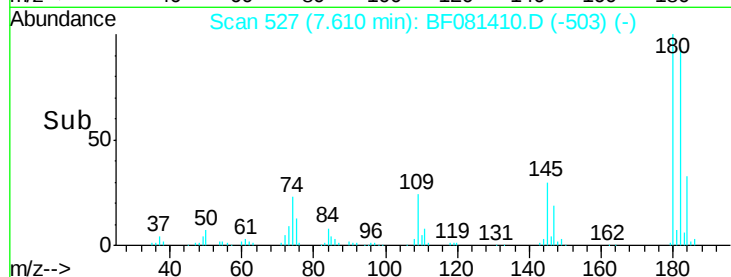
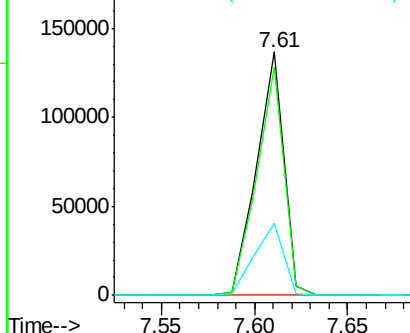
#30
 1,2,4-Trichlorobenzene
 Concen: 44.40 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 138315
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.1 115.7
 145 29.5 23.3 34.9

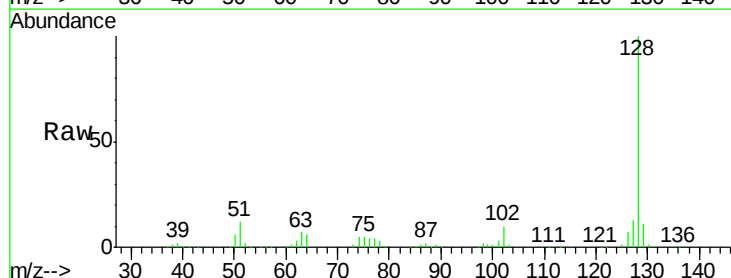


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

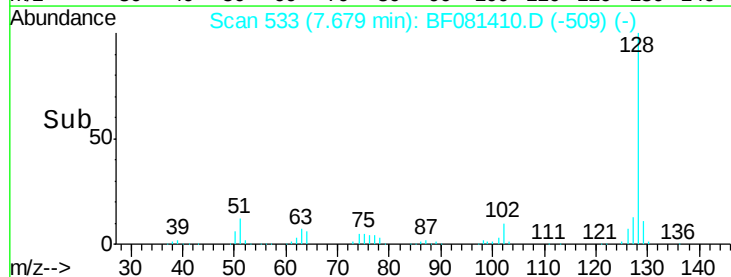
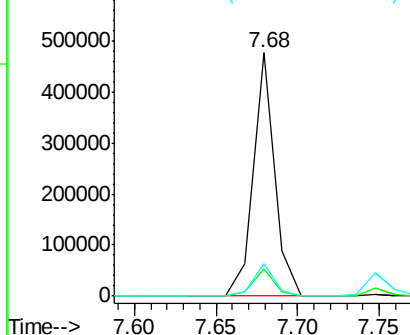


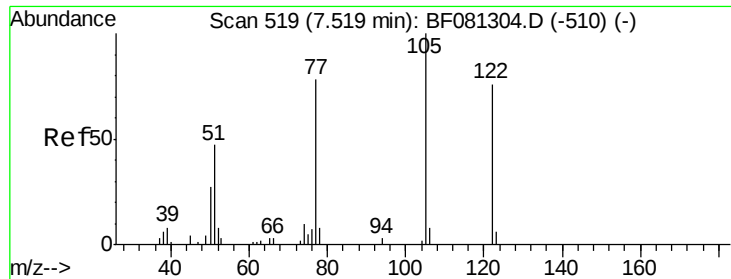
#31
 Naphthalene
 Concen: 39.87 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:128 Resp: 433961
 Ion Ratio Lower Upper
 128 100
 129 11.3 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: 4.65 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.08 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampled :

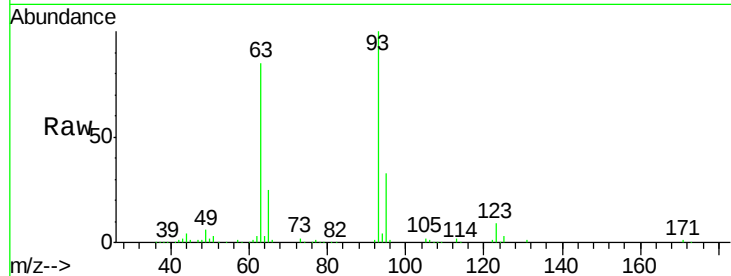
Tot Ion:122 Resp: 5259

Ion Ratio Lower Upper

122 100

105 124.8 76.1 116.1#

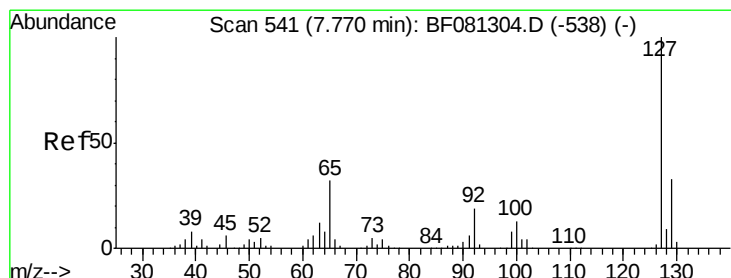
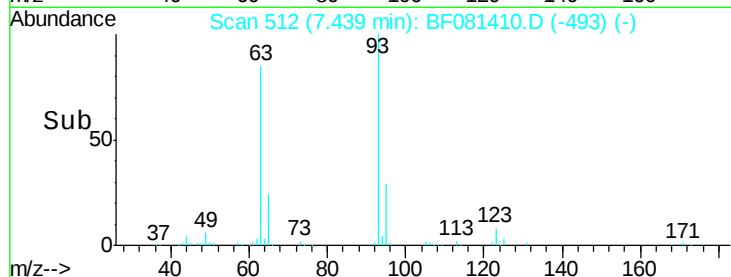
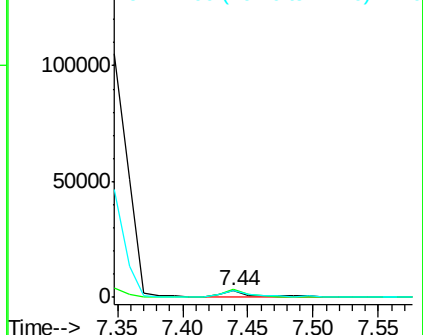
77 100.1 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 11.41 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:127 Resp: 50659

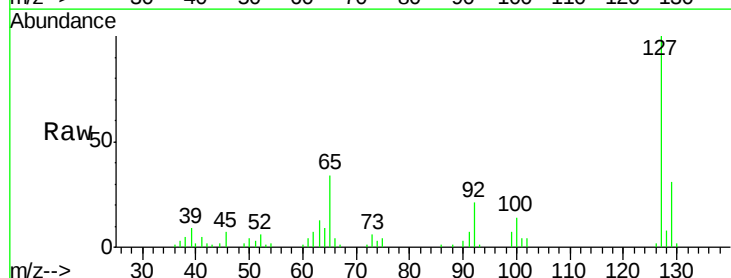
Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.6

65 34.5 17.9 26.9#

92 21.3 10.5 15.7#

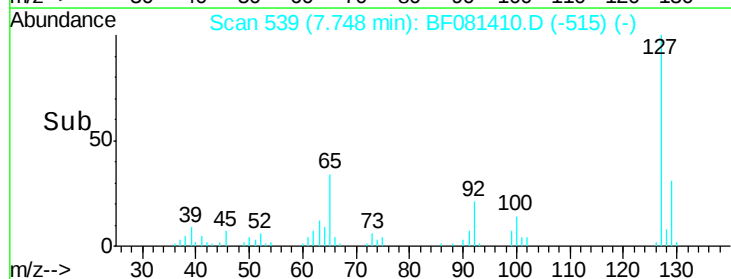
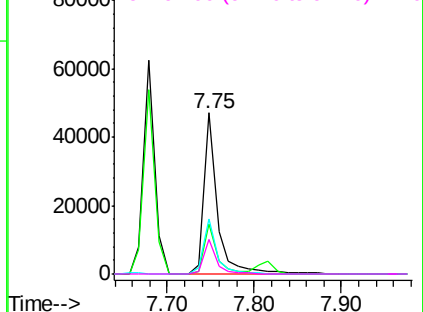


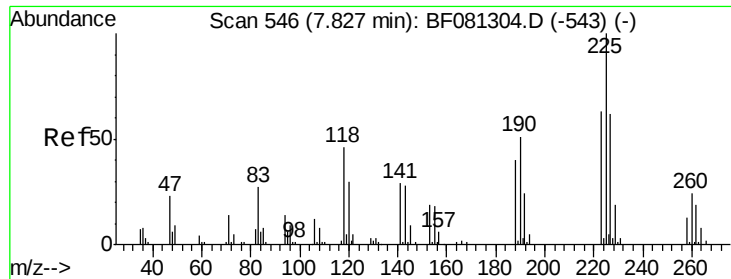
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

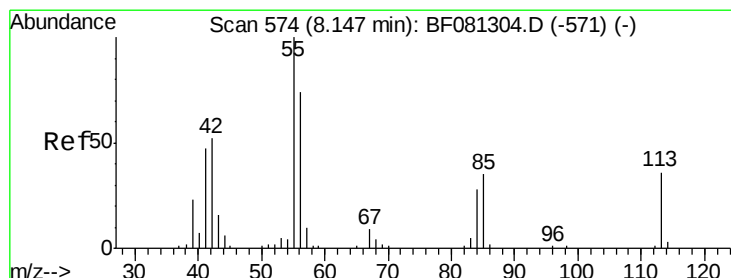
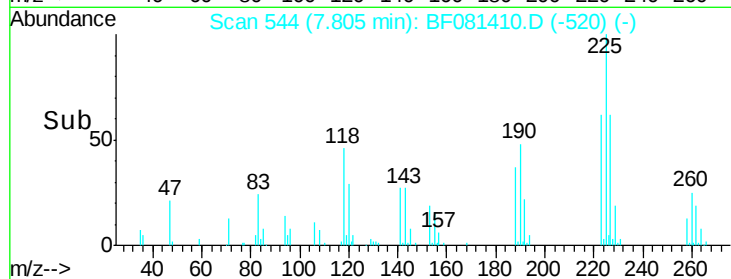
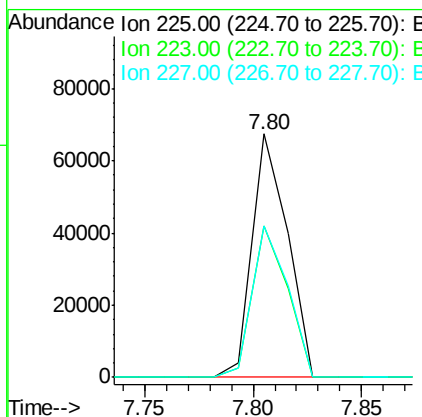
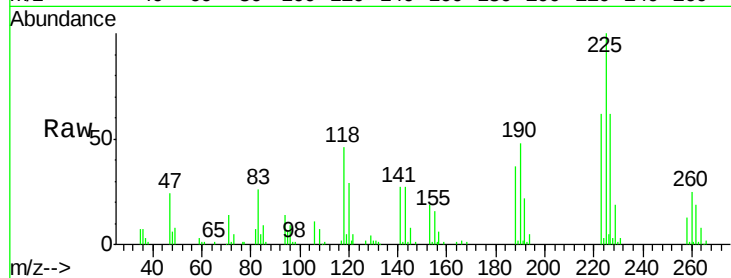




#34
Hexachlorobutadiene
Concen: 40.36 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

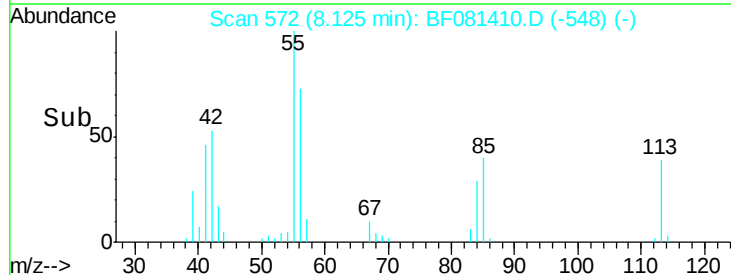
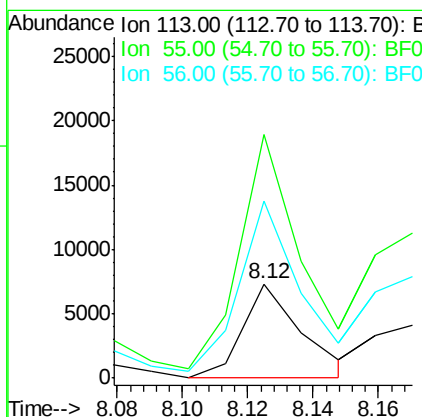
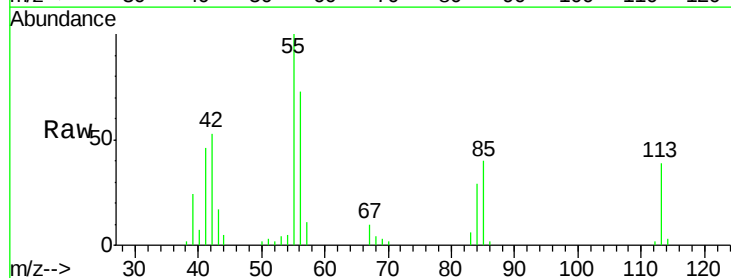
Instrument :
BNA_F
ClientSampleId :

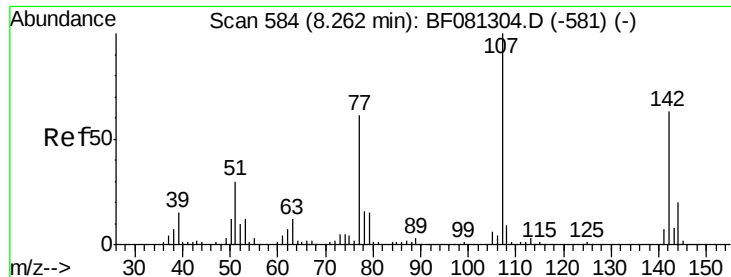
Tot Ion:225 Resp: 76518
Ion Ratio Lower Upper
225 100
223 62.0 50.2 75.2
227 62.3 52.2 78.2



#35
Caprolactam
Concen: 10.45 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion:113 Resp: 9193
Ion Ratio Lower Upper
113 100
55 258.3 152.4 192.4#
56 188.0 104.6 144.6#

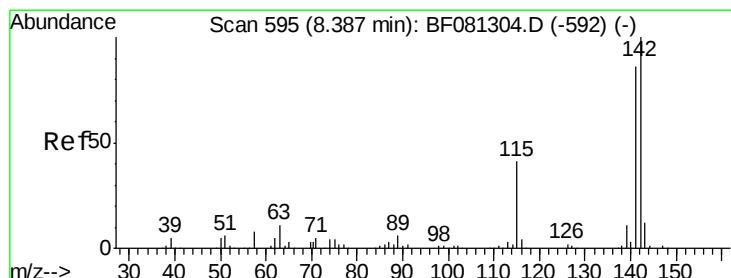
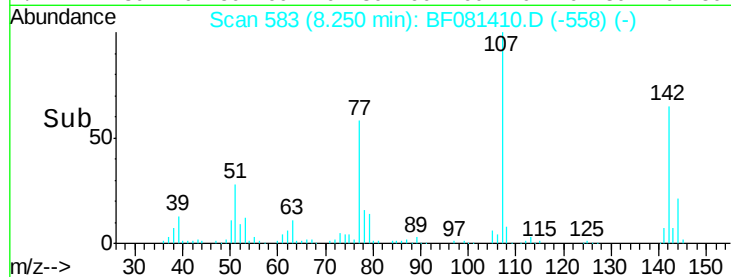
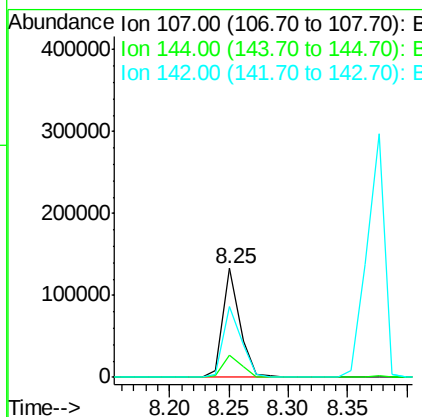
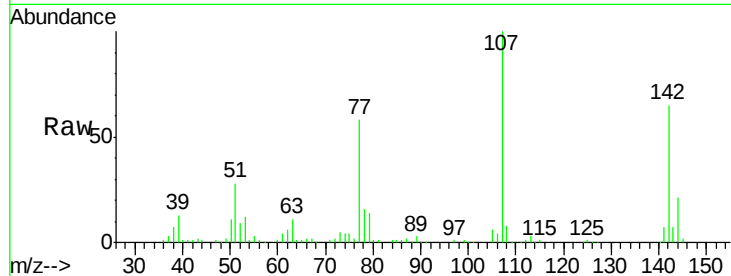




#36
 4-Chloro-3-methylphenol
 Concen: 40.92 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

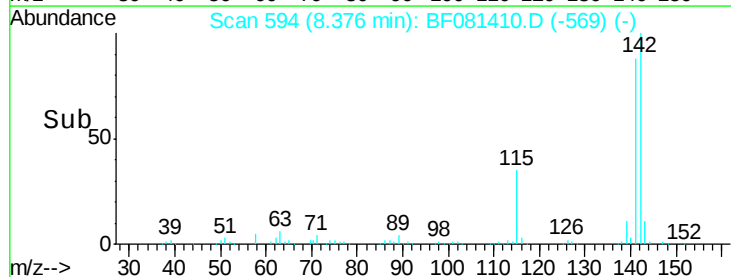
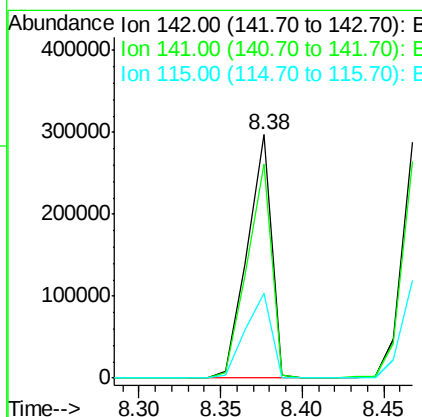
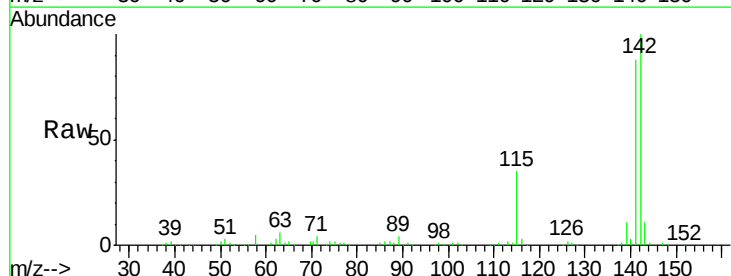
Instrument :
 BNA_F
 ClientSampleId :

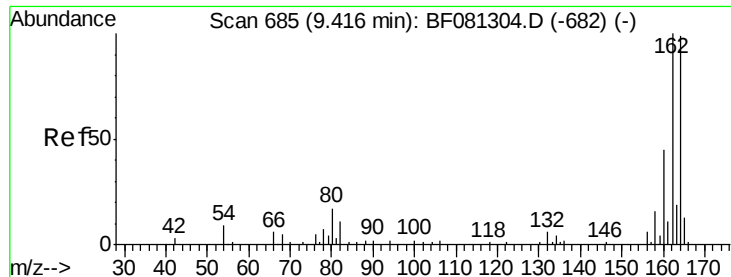
Tot Ion:107 Resp: 131329
 Ion Ratio Lower Upper
 107 100
 144 20.9 25.4 38.0#
 142 65.1 77.3 115.9#



#37
 2-Methylnaphthalene
 Concen: 43.42 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:142 Resp: 307513
 Ion Ratio Lower Upper
 142 100
 141 88.0 67.5 101.3
 115 35.1 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

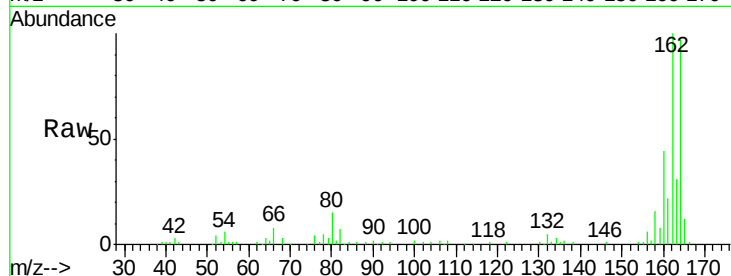
Tot Ion:164 Resp: 97558

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

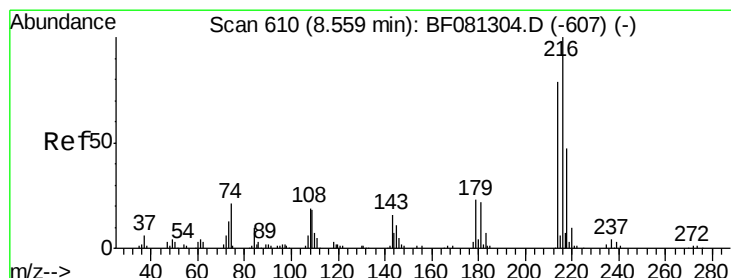
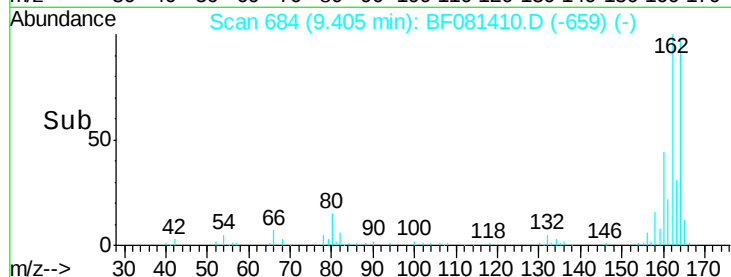
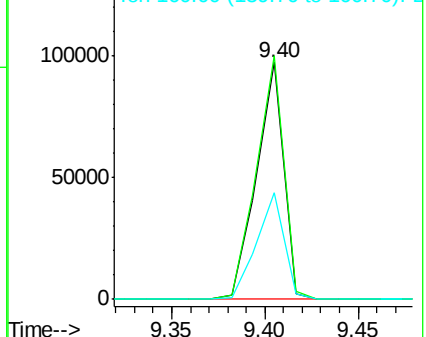
160 45.1 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.18 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:216 Resp: 114713

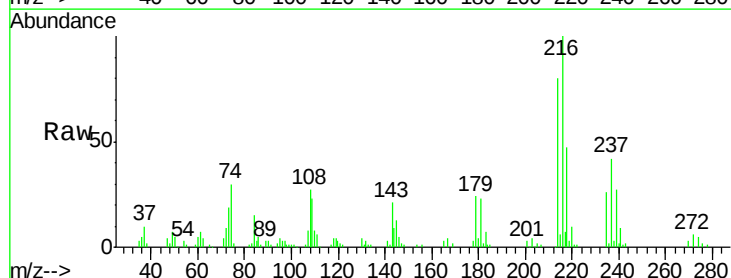
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.2 16.6 24.8

108 22.9 16.3 24.5

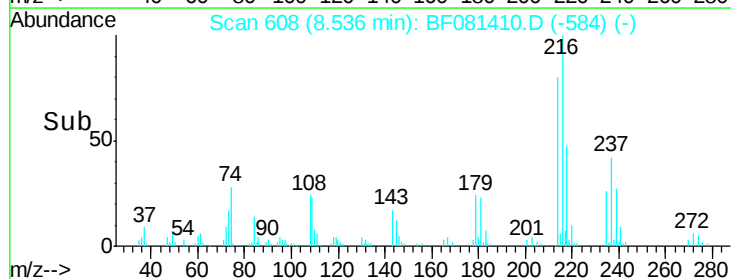
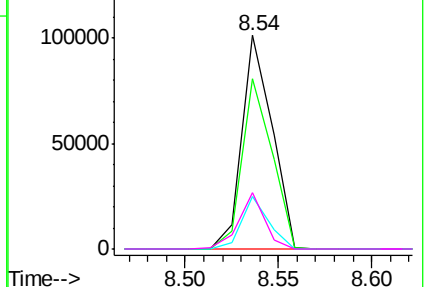


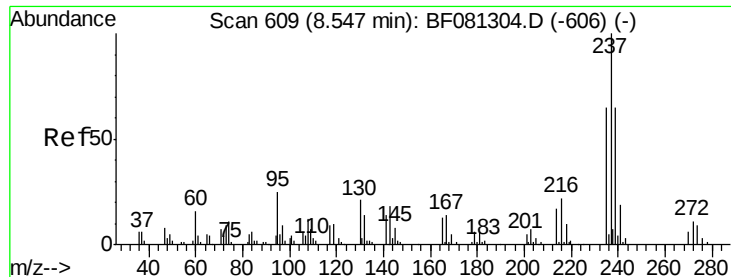
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

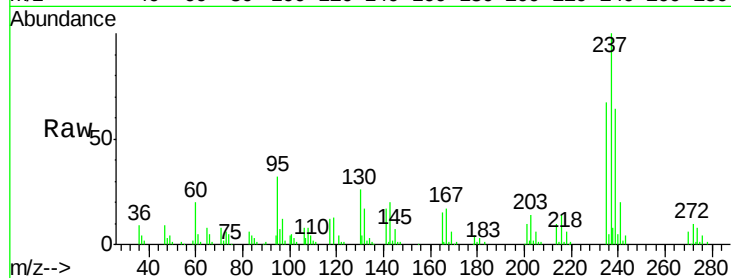




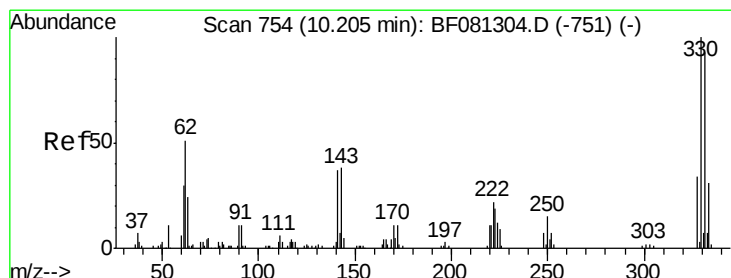
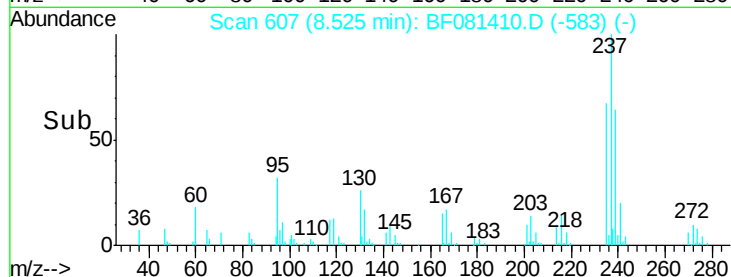
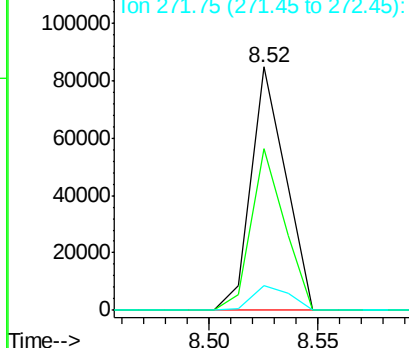
#40
Hexachlorocyclopentadiene
Concen: 61.57 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 93232
Ion Ratio Lower Upper
237 100
235 66.6 42.0 82.0
272 10.3 0.0 36.1

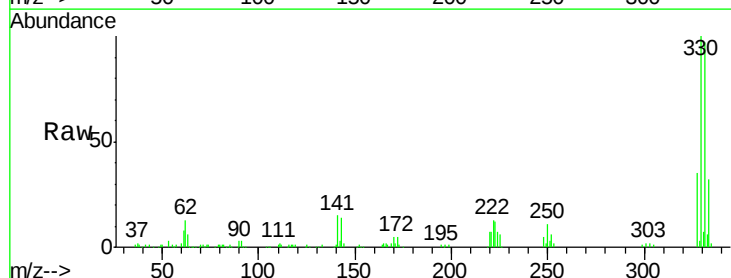


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

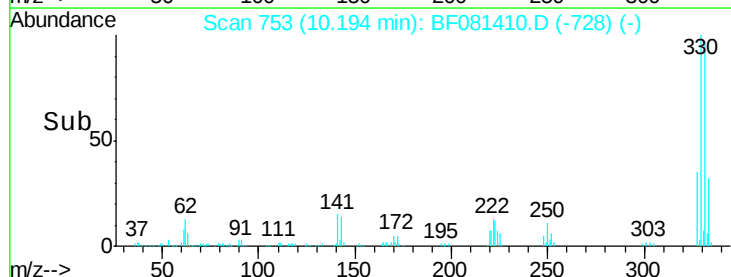
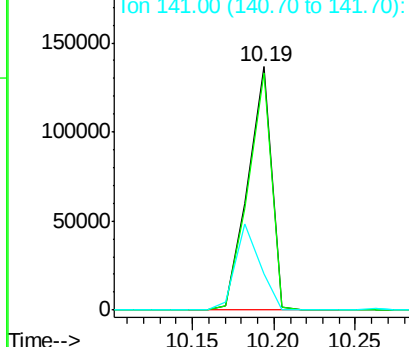


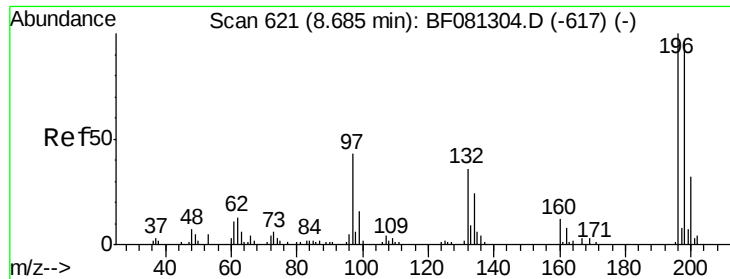
#41
2,4,6-Tribromophenol
Concen: 159.31 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion:330 Resp: 138384
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 36.7 29.7 44.5



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





#42

2,4,6-Trichlorophenol

Concen: 39.20 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

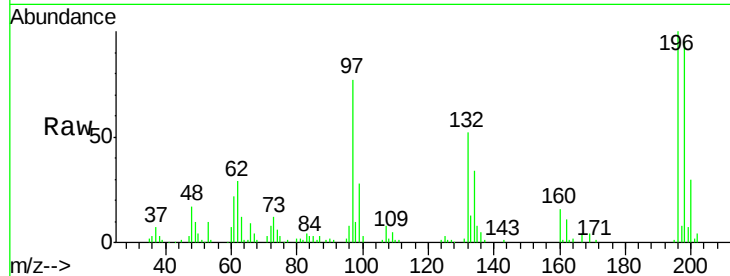
Tot Ion:196 Resp: 83464

Ion Ratio Lower Upper

196 100

198 95.1 75.7 113.5

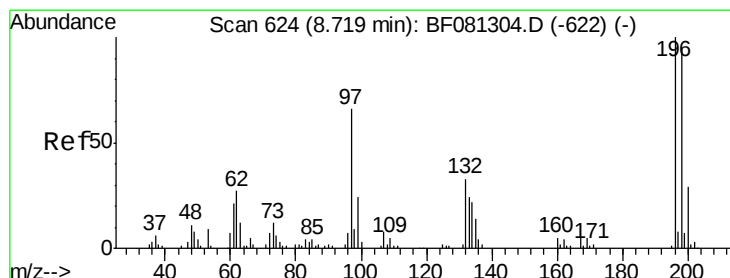
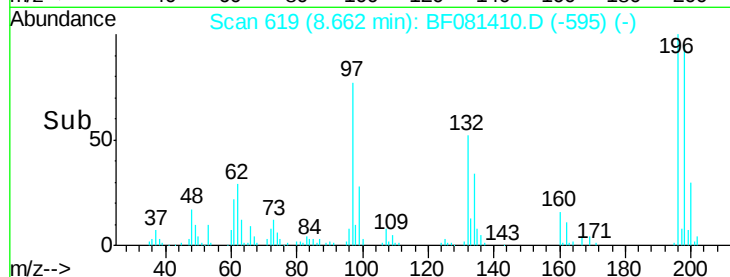
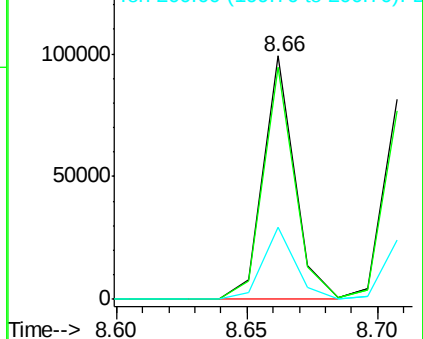
200 29.5 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 38.29 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Tgt Ion:196 Resp: 83181

Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.0

97 77.1 33.3 49.9#

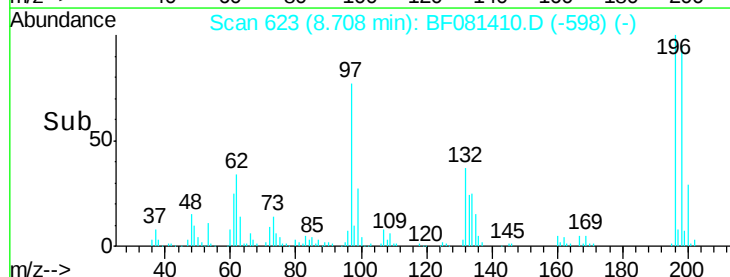
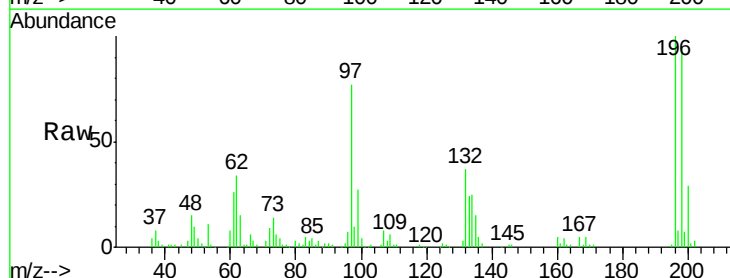
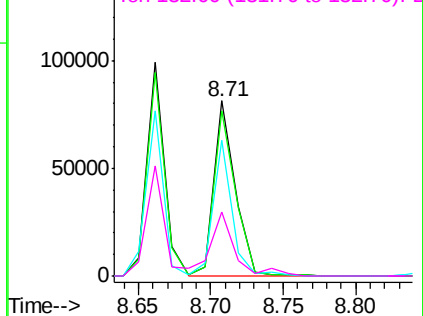
132 36.9 24.6 37.0

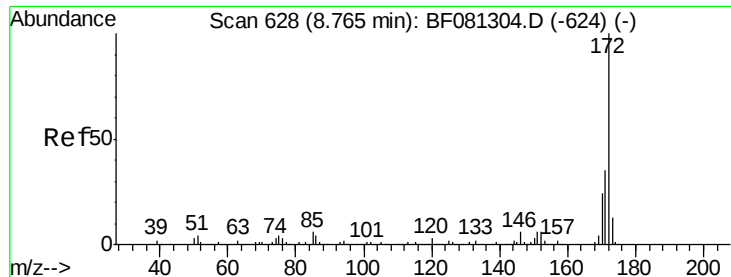
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 86.19 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

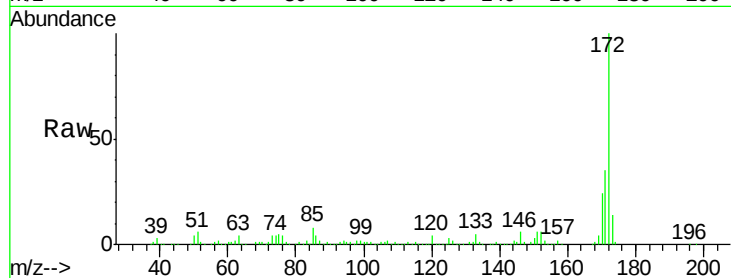
Tot Ion:172 Resp: 656152

Ion Ratio Lower Upper

172 100

171 35.4 26.1 39.1

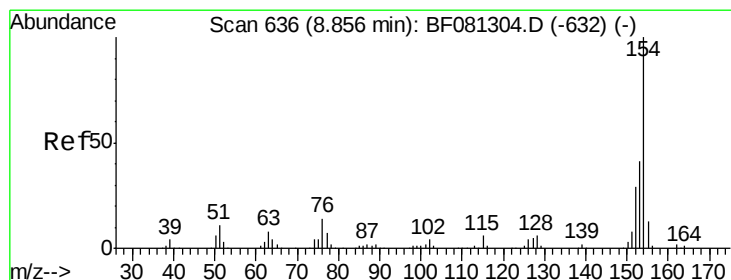
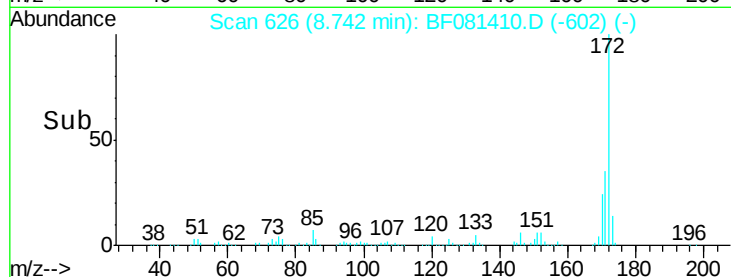
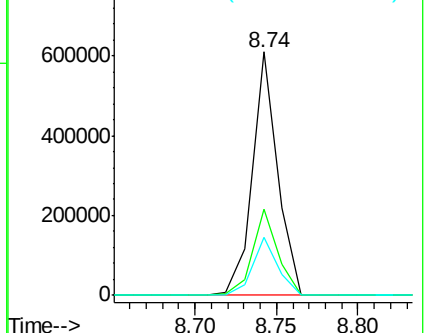
170 23.6 17.4 26.2



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: 38.18 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

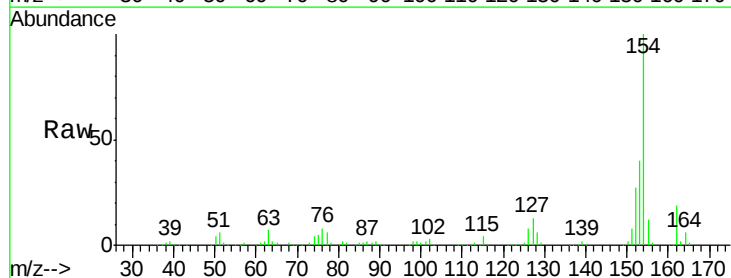
Tgt Ion:154 Resp: 342694

Ion Ratio Lower Upper

154 100

153 39.7 17.1 57.1

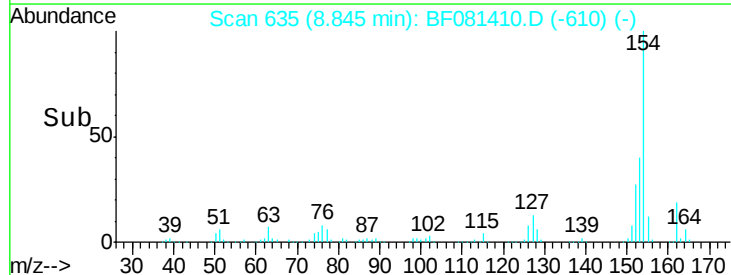
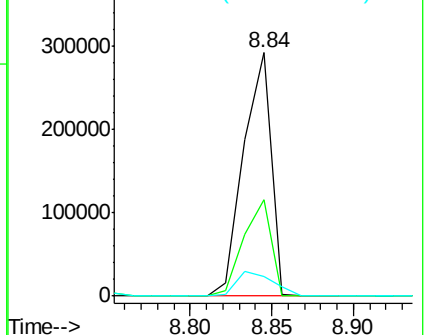
76 8.1 0.0 31.6

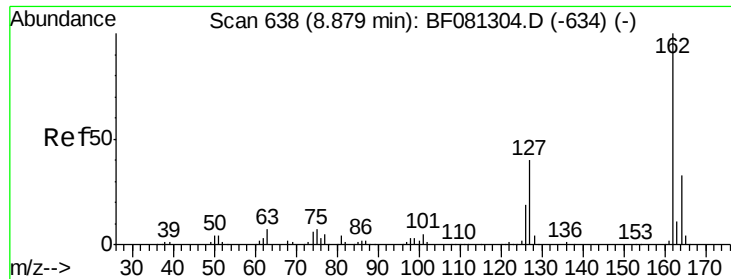


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

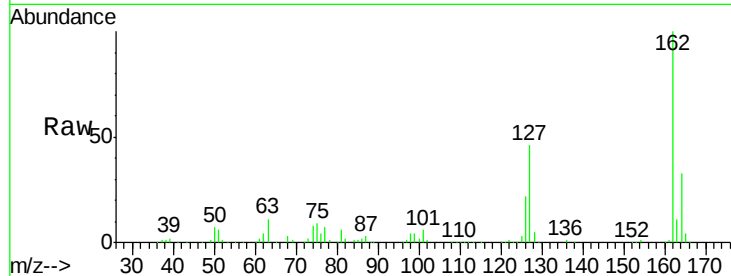




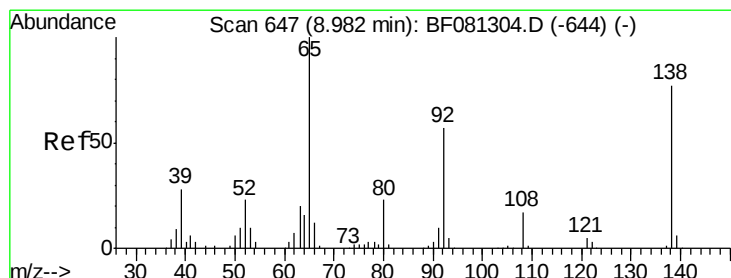
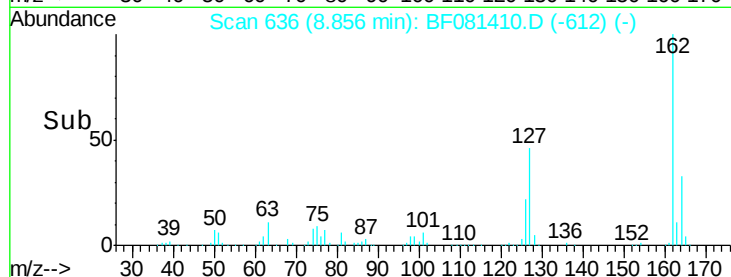
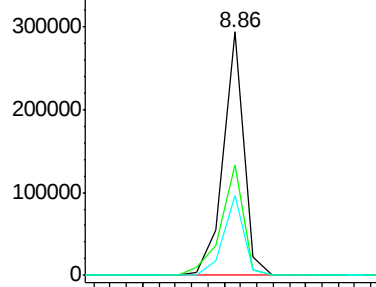
#46
 2-Chloronaphthalene
 Concen: 39.62 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 256791
 Ion Ratio Lower Upper
 162 100
 127 45.6 27.6 41.4#
 164 32.6 25.4 38.2

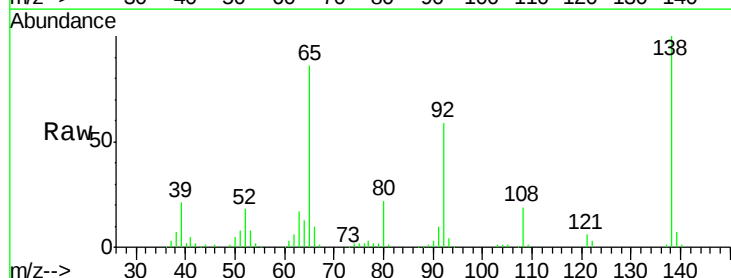


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

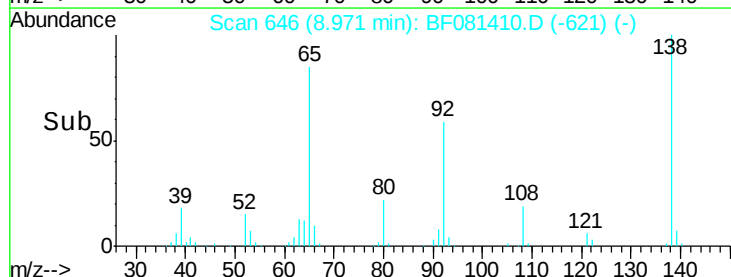
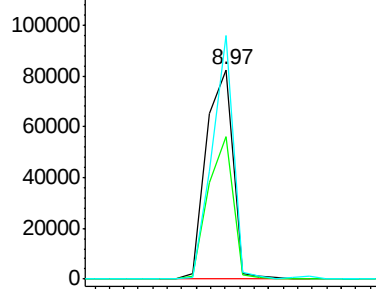


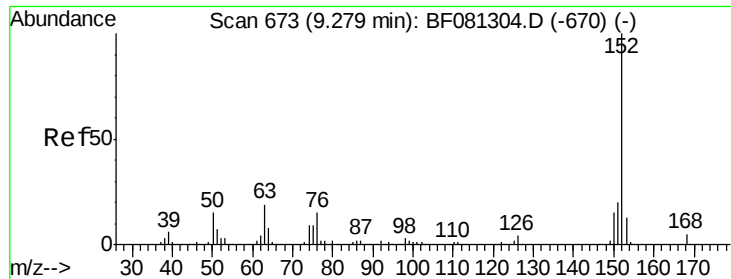
#47
 2-Nitroaniline
 Concen: 40.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion: 65 Resp: 105775
 Ion Ratio Lower Upper
 65 100
 92 68.3 55.4 83.0
 138 116.2 115.5 173.3



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.92 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

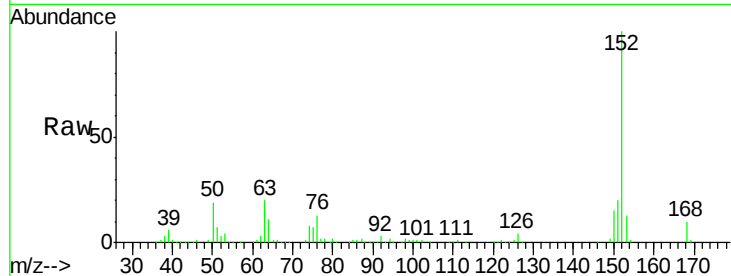
Tot Ion:152 Resp: 424579

Ion Ratio Lower Upper

152 100

151 20.5 14.6 22.0

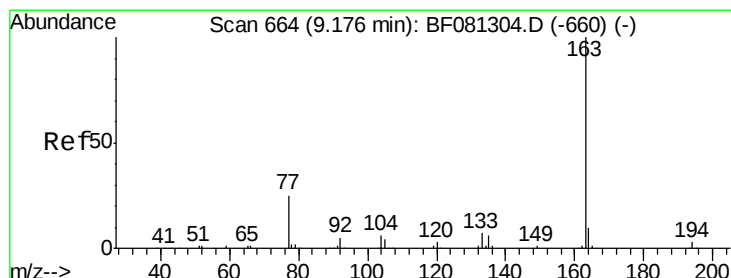
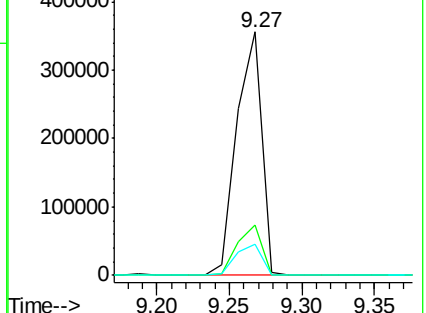
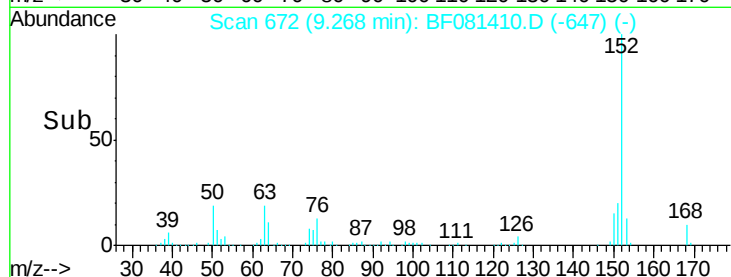
153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 56.90 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

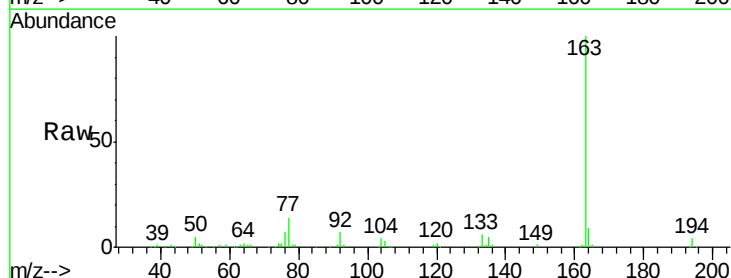
Tgt Ion:163 Resp: 431324

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

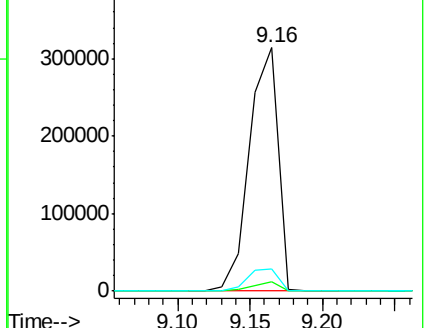
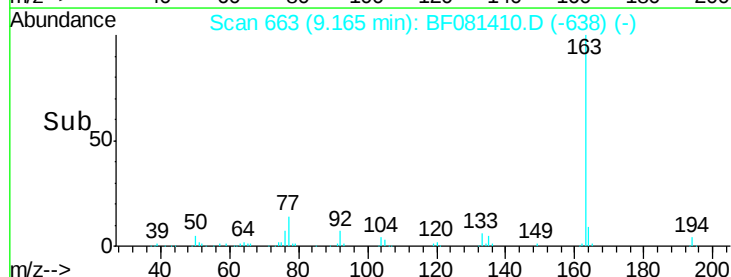
164 9.3 8.3 12.5

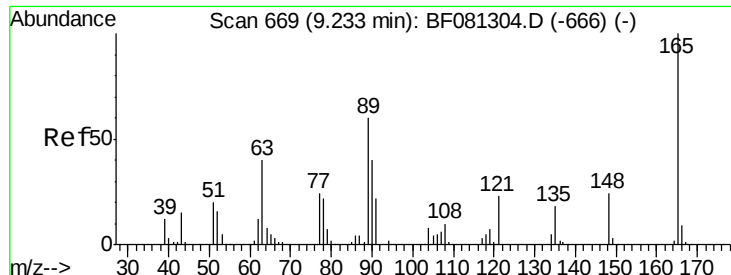


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

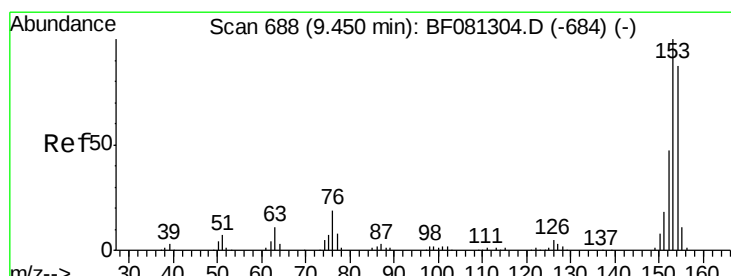
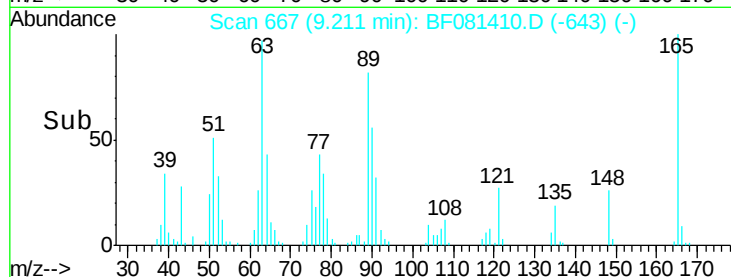
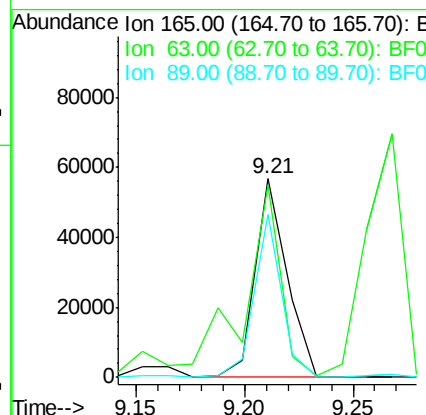
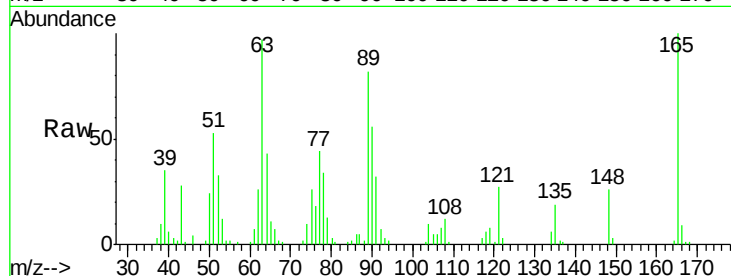




#50
 2,6-Dinitrotoluene
 Concen: 33.53 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

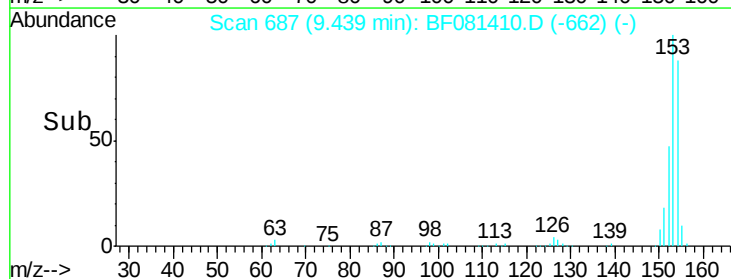
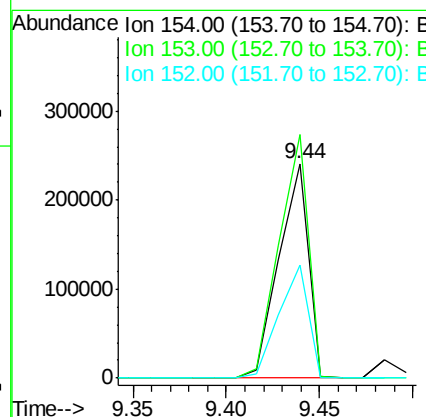
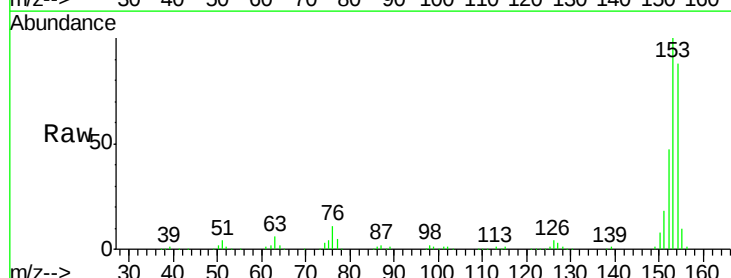
Instrument :
 BNA_F
 ClientSampled :

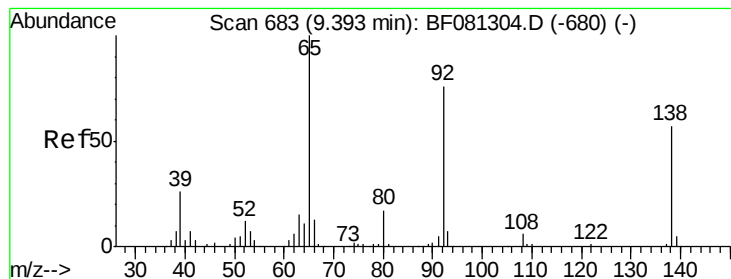
Tot Ion:165 Resp: 57677
 Ion Ratio Lower Upper
 165 100
 63 96.6 32.3 48.5#
 89 82.0 28.6 43.0#



#51
 Acenaphthene
 Concen: 40.47 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:154 Resp: 264707
 Ion Ratio Lower Upper
 154 100
 153 113.5 82.1 123.1
 152 52.9 37.9 56.9





#52

3-Nitroaniline

Concen: 25.55 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

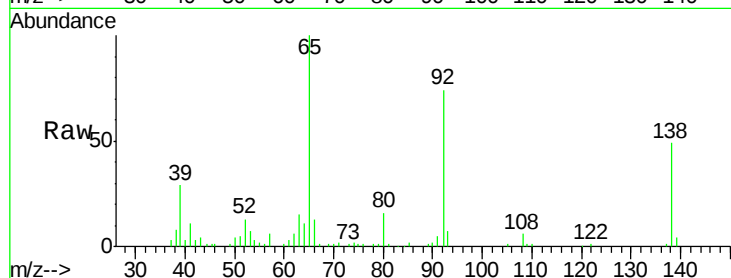
Tot Ion:138 Resp: 50049

Ion Ratio Lower Upper

138 100

108 12.9 5.7 8.5#

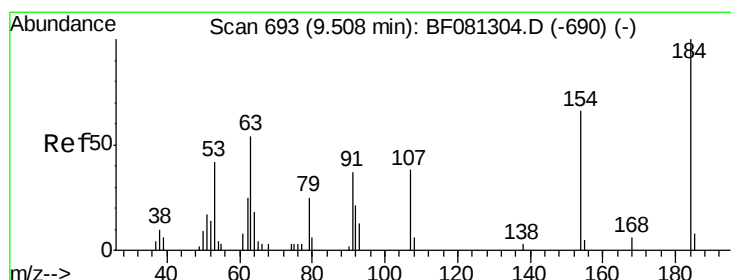
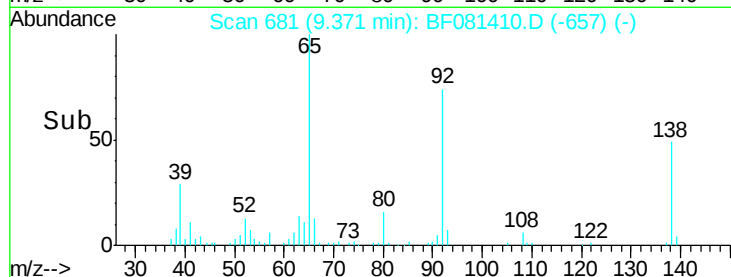
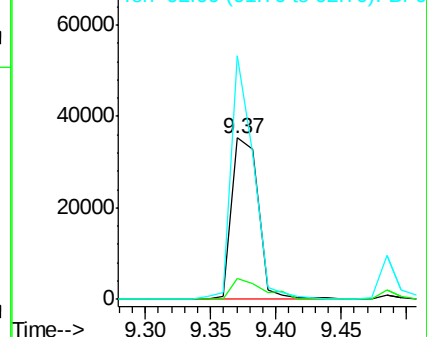
92 151.0 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 39.23 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

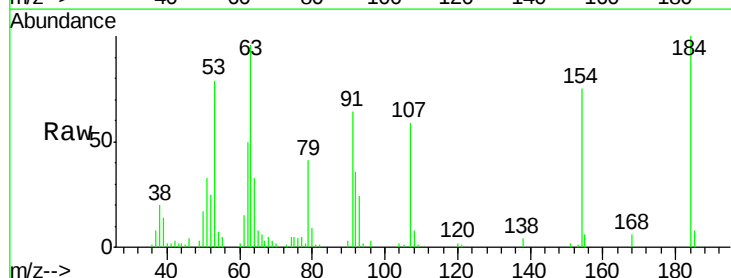
Tgt Ion:184 Resp: 28428

Ion Ratio Lower Upper

184 100

63 95.8 35.4 53.2#

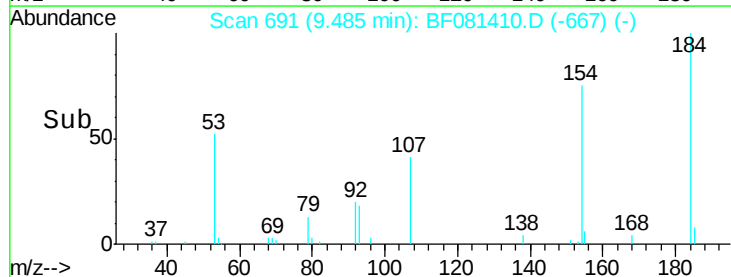
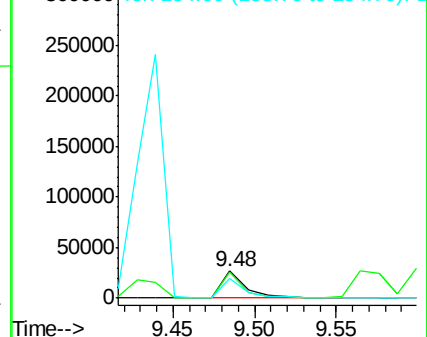
154 74.8 32.2 48.4#

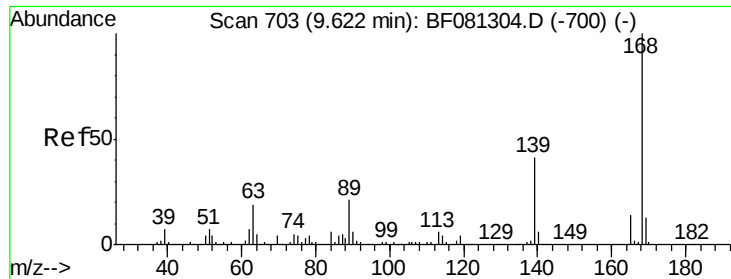


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

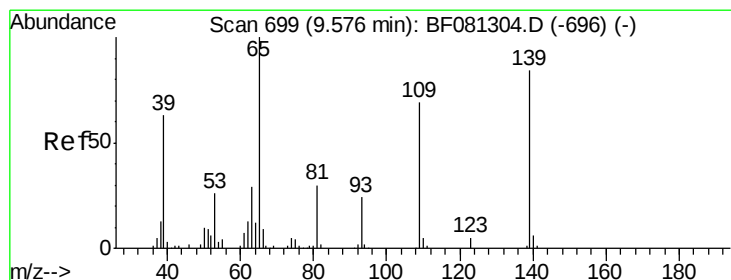
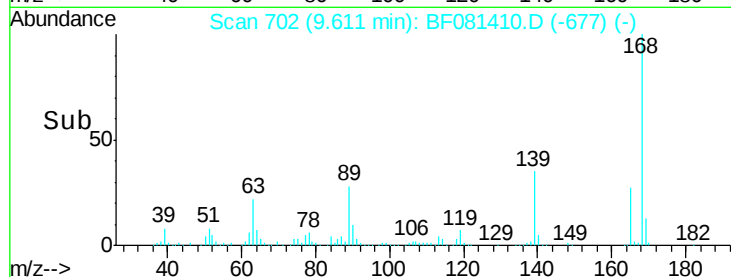
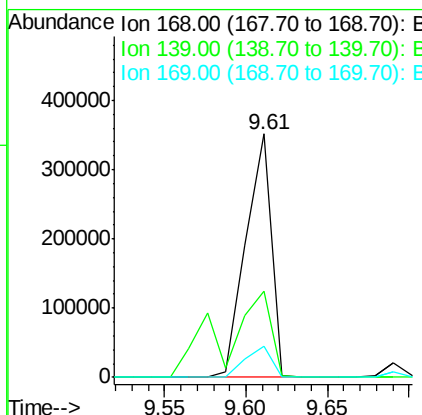
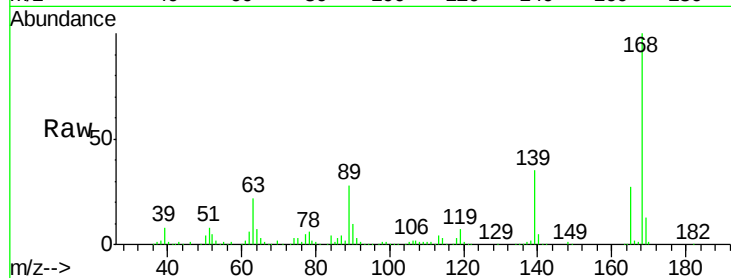




#54
Dibenzofuran
Concen: 39.84 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

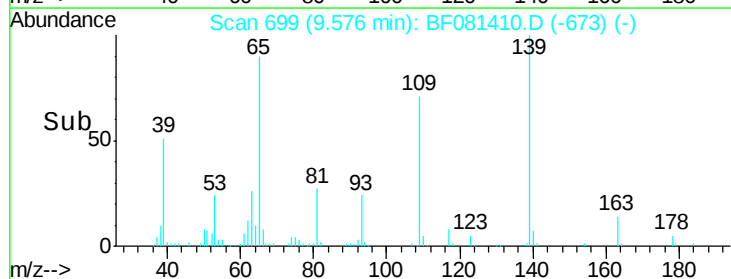
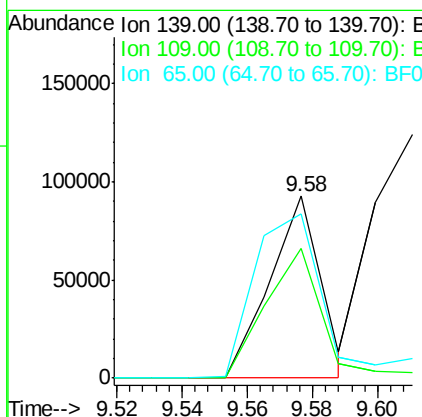
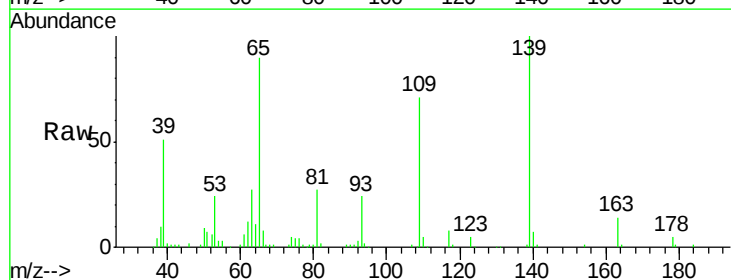
Instrument :
BNA_F
ClientSampleId :

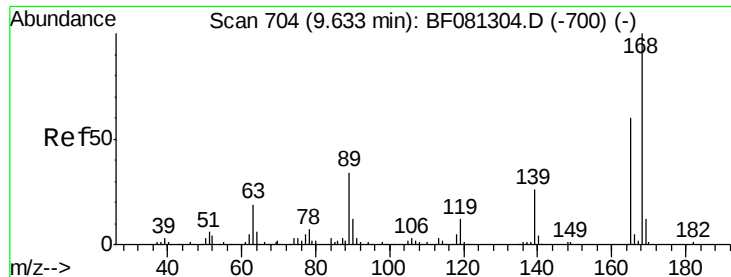
Tot Ion:168 Resp: 380556
Ion Ratio Lower Upper
168 100
139 35.3 24.2 36.2
169 13.0 10.6 15.8



#55
4-Nitrophenol
Concen: 81.90 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion:139 Resp: 100776
Ion Ratio Lower Upper
139 100
109 71.1 12.7 52.7#
65 90.0 45.9 85.9#

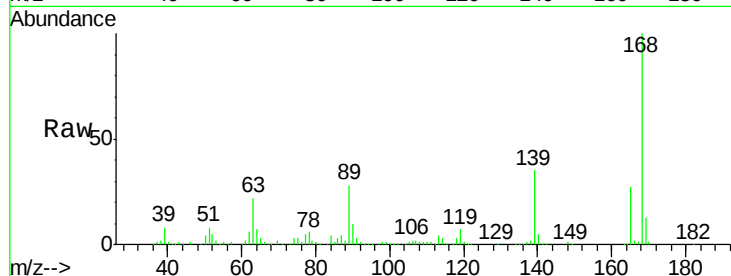




#56
2,4-Dinitrotoluene
Concen: 36.48 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	81.0	29.8	44.6#
89	105.0	44.5	66.7#
182	1.9	3.0	4.4#

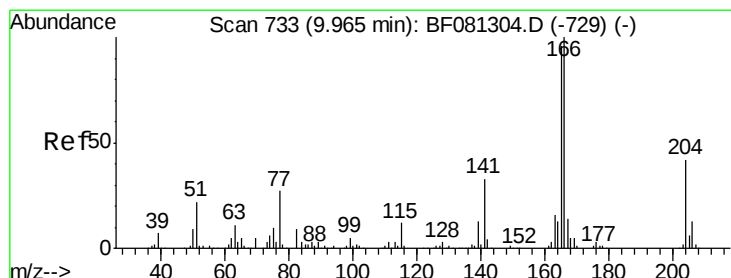
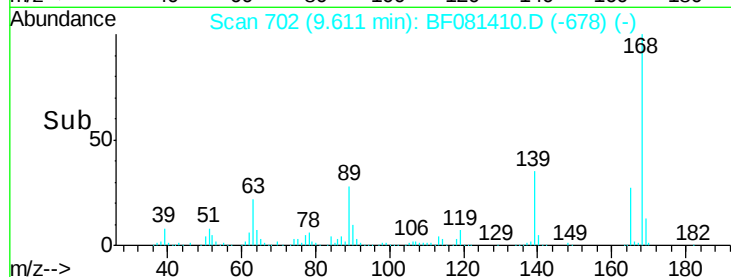
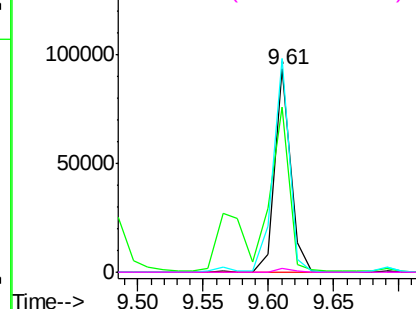


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

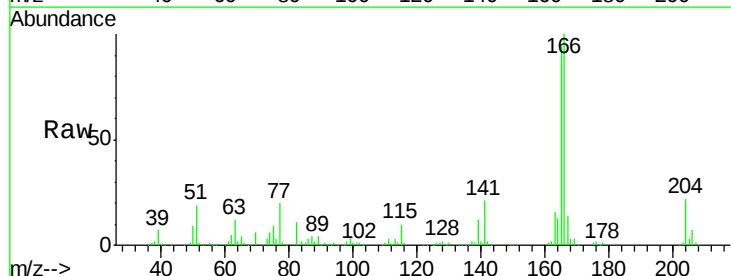
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.68 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

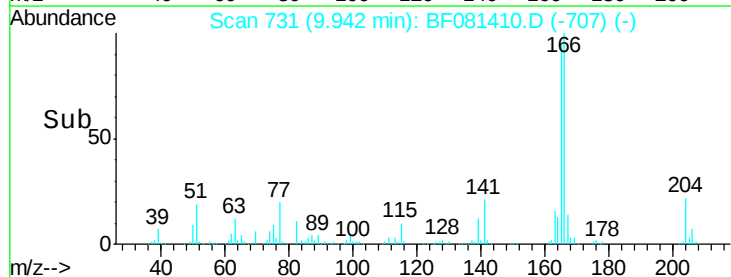
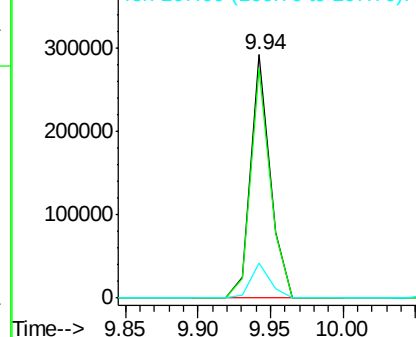
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	72.6	109.0
167	14.1	10.6	16.0

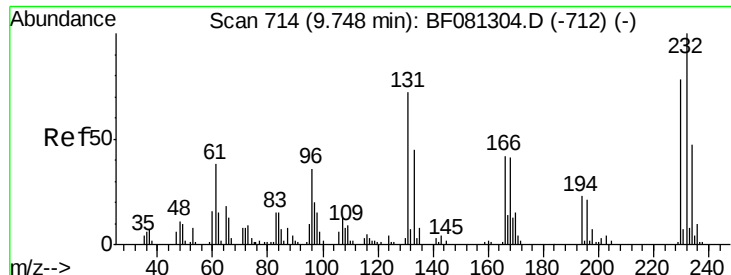


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

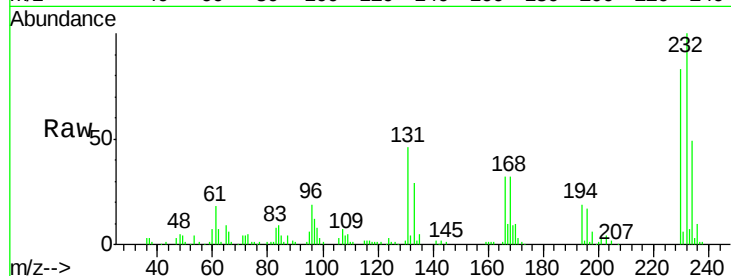




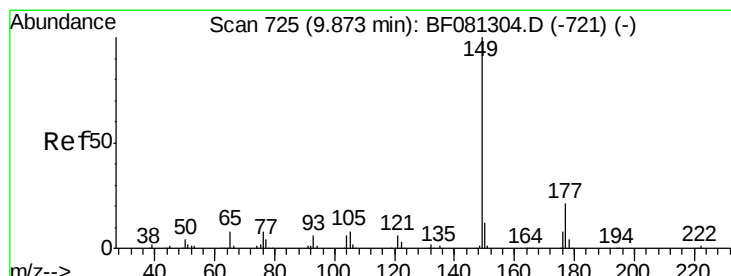
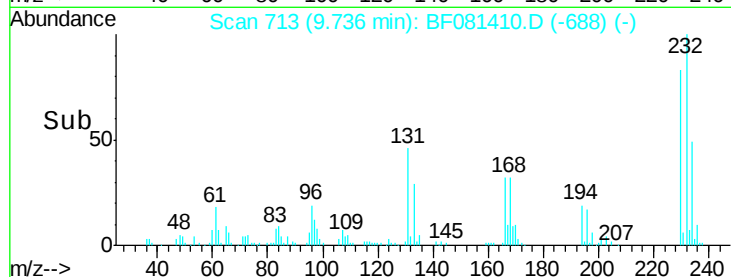
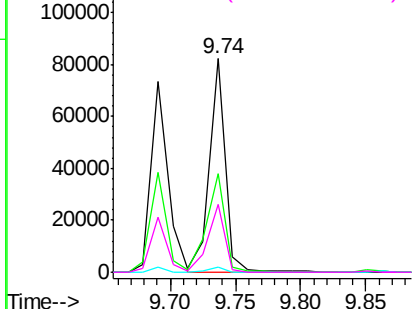
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.52 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	70518
Ion	Ratio	Lower	Upper
232	100		
131	52.4	38.5	57.7
130	2.3	1.8	2.6
166	33.2	25.0	37.6

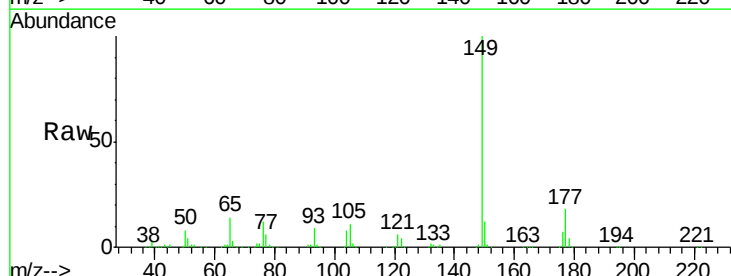


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

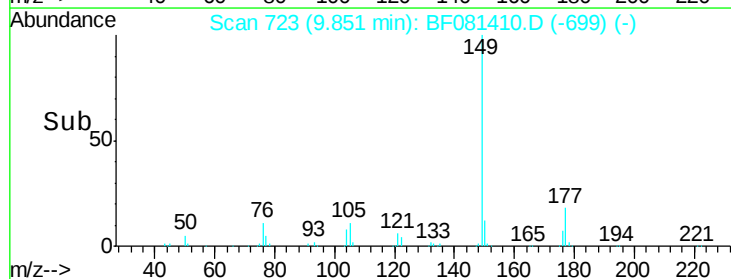
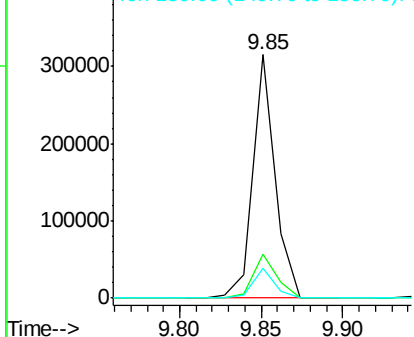


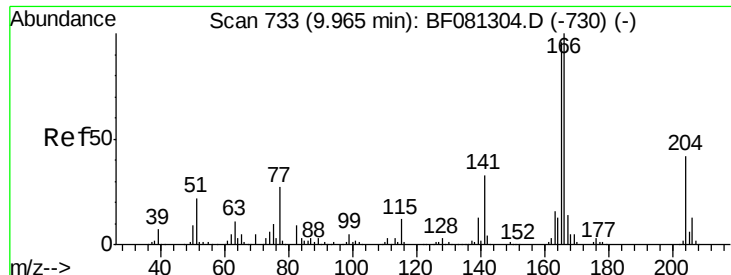
#59
 Diethylphthalate
 Concen: 37.13 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:	149	Resp:	296067
Ion	Ratio	Lower	Upper
149	100		
177	18.0	17.5	26.3
150	12.5	9.4	14.2



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

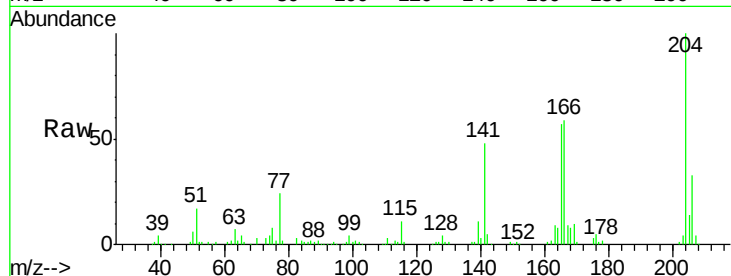




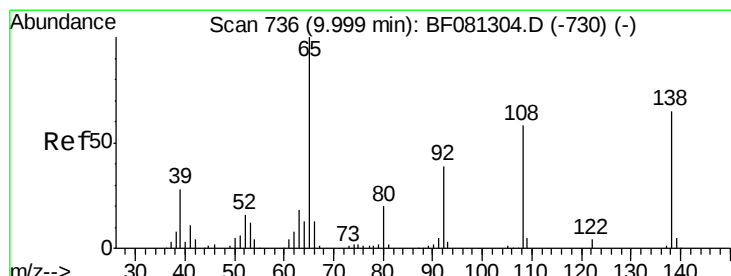
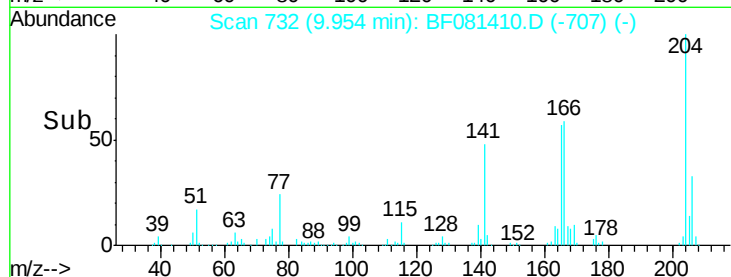
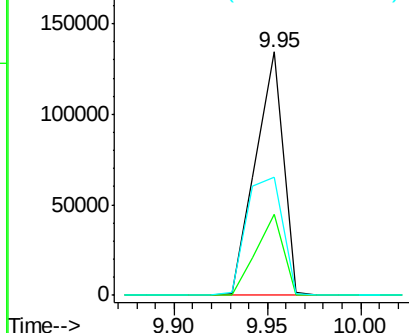
#60
 4-Chlorophenyl-phenylether
 Concen: 41.07 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 138747
 Ion Ratio Lower Upper
 204 100
 206 33.3 24.8 37.2
 141 48.3 42.2 63.4

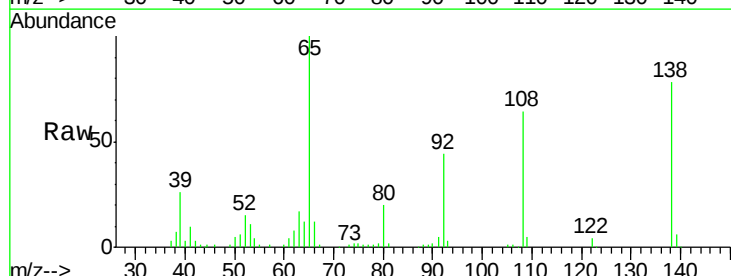


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

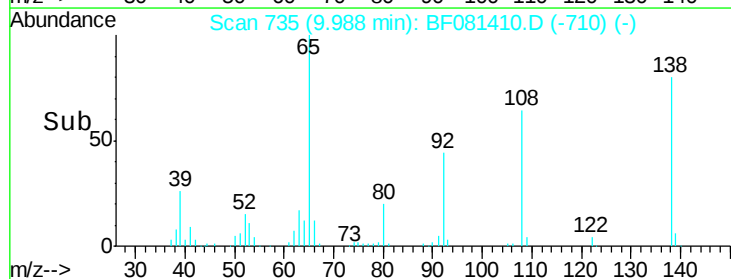
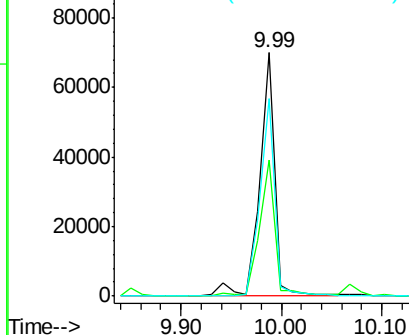


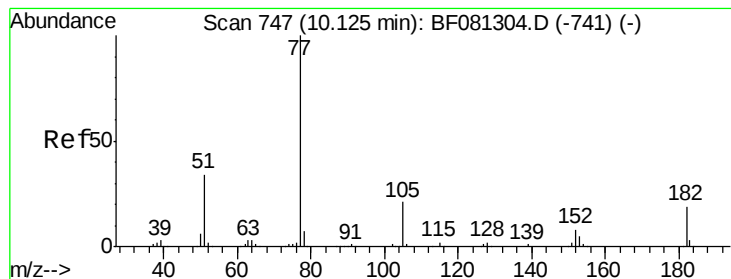
#61
 4-Nitroaniline
 Concen: 36.88 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:138 Resp: 72978
 Ion Ratio Lower Upper
 138 100
 92 55.7 12.6 52.6#
 108 81.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.50 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 332417

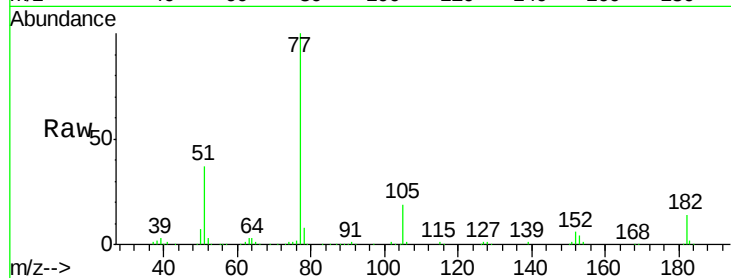
Ion Ratio Lower Upper

77 100

182 14.2 15.1 55.1#

105 19.2 3.4 43.4

51 37.2 12.0 52.0

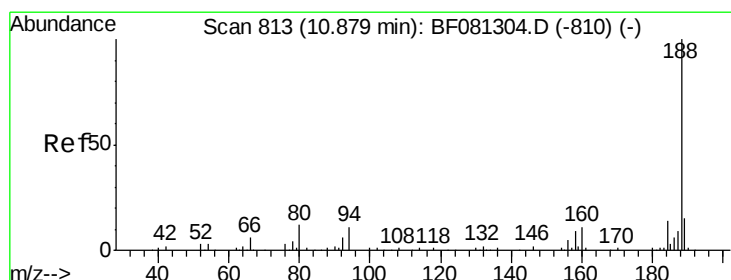
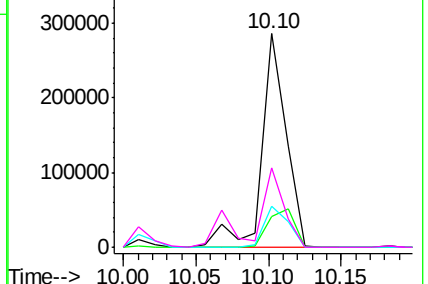
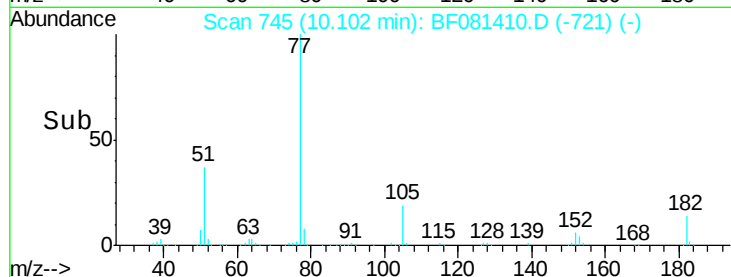


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

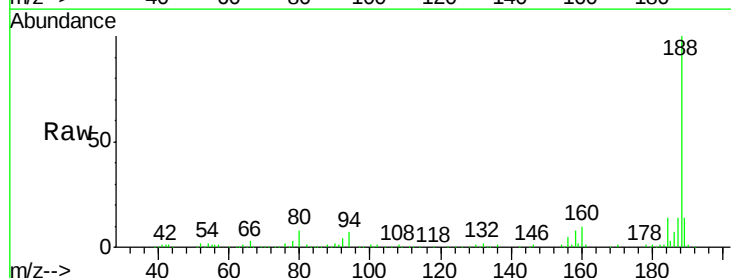
Tgt Ion: 188 Resp: 182738

Ion Ratio Lower Upper

188 100

94 6.8 11.1 16.7#

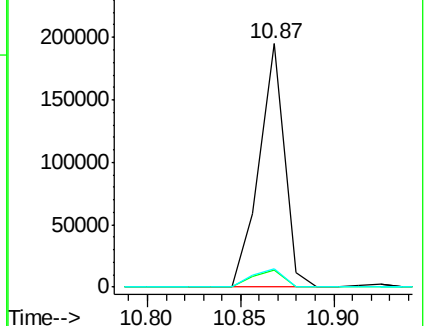
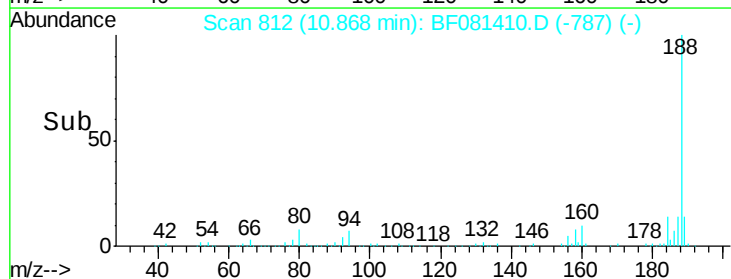
80 7.8 11.0 16.4#

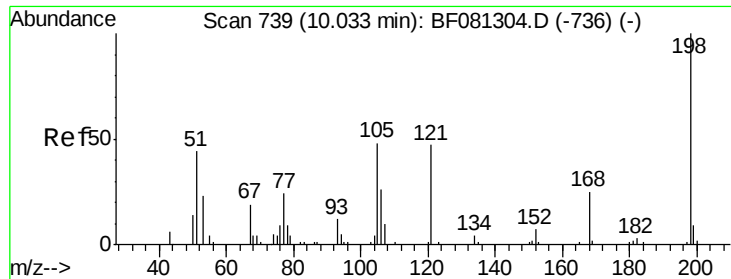


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 34.03 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

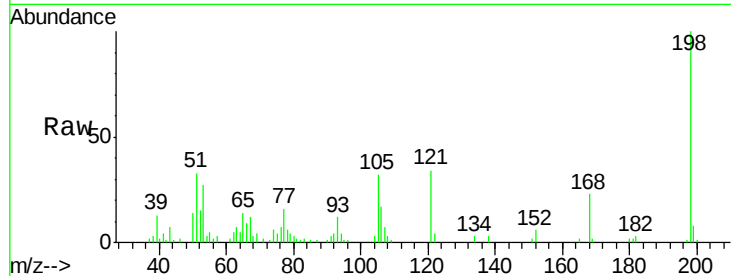
Tot Ion:198 Resp: 34782

Ion Ratio Lower Upper

198 100

51 32.9 39.6 79.6#

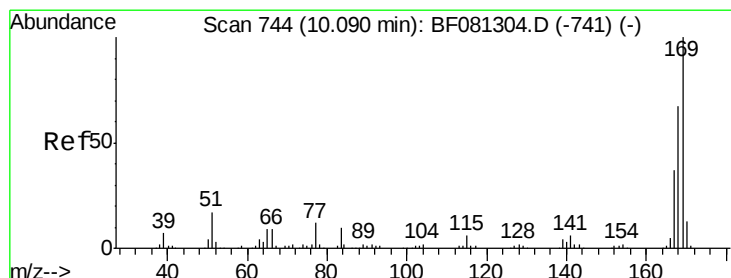
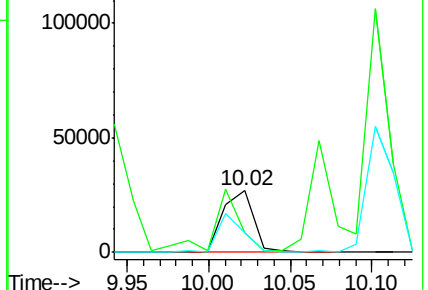
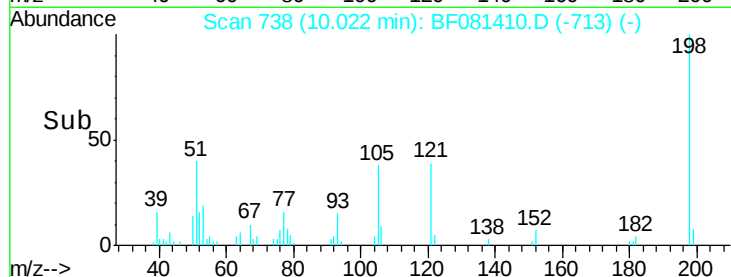
105 31.6 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.20 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

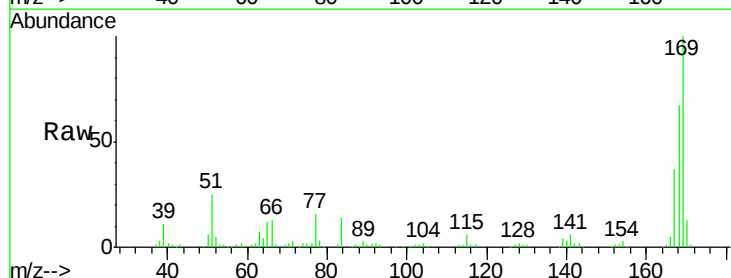
Tgt Ion:169 Resp: 240694

Ion Ratio Lower Upper

169 100

168 66.7 48.9 73.3

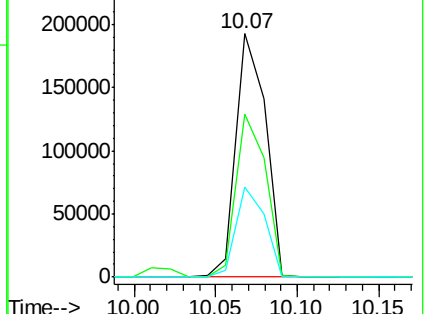
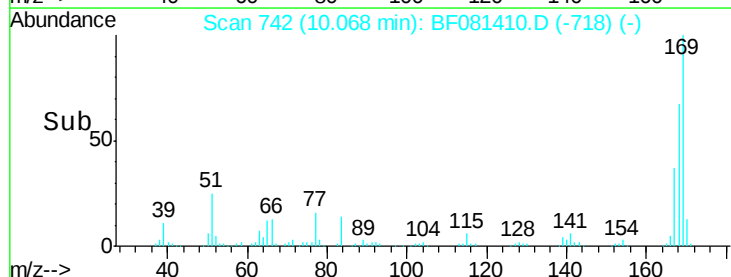
167 37.0 26.2 39.4

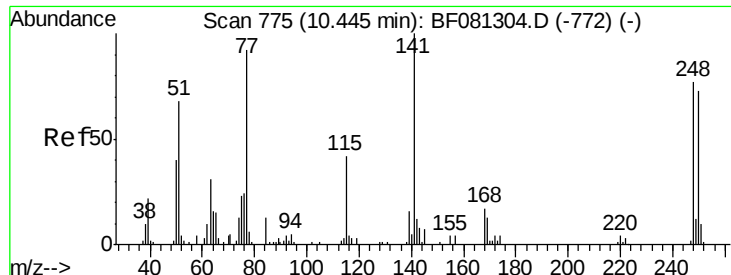


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

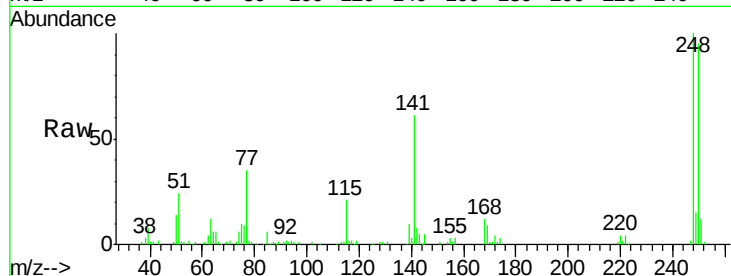




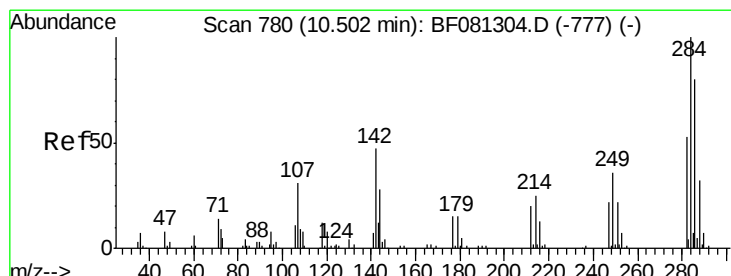
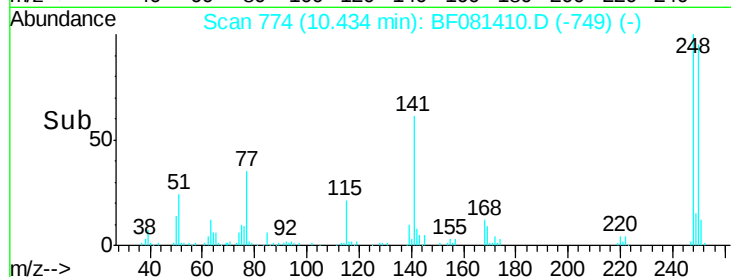
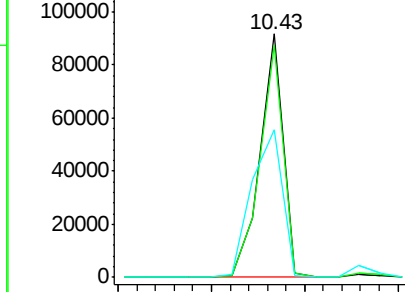
#66
 4-Bromophenyl-phenylether
 Concen: 43.27 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 79956
 Ion Ratio Lower Upper
 248 100
 250 95.2 78.5 117.7
 141 60.6 59.0 88.6

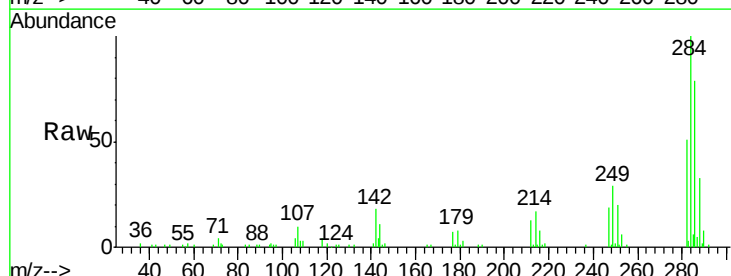


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

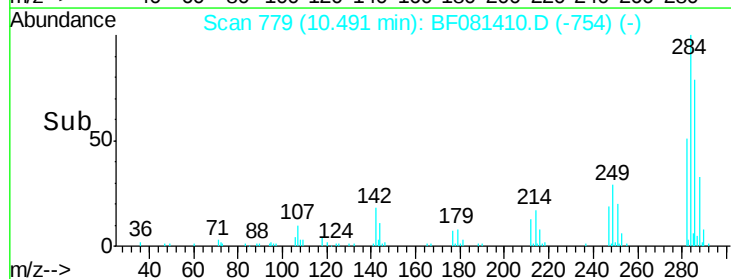
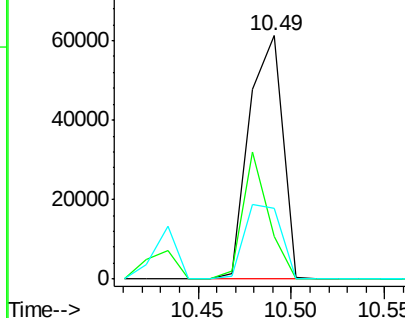


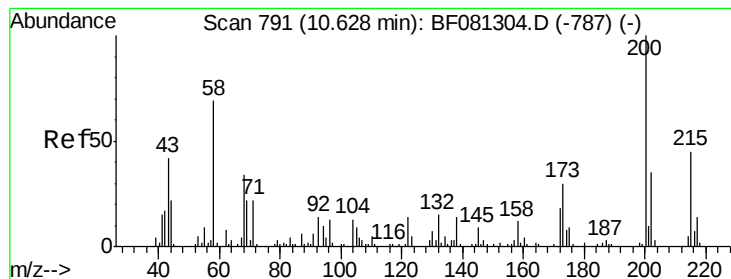
#67
 Hexachlorobenzene
 Concen: 39.44 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:284 Resp: 76196
 Ion Ratio Lower Upper
 284 100
 142 17.7 29.5 44.3#
 249 29.2 19.5 29.3



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





#68

Atrazine

Concen: 39.70 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

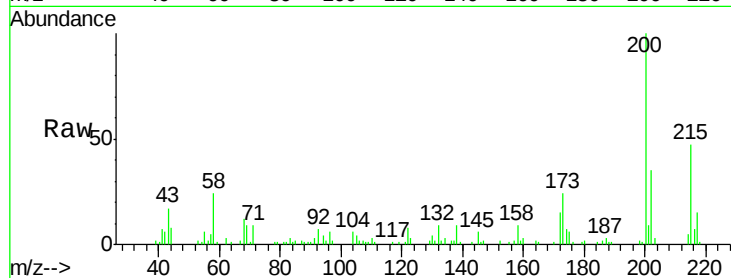
Tot Ion:200 Resp: 76395

Ion Ratio Lower Upper

200 100

173 24.4 13.2 53.2

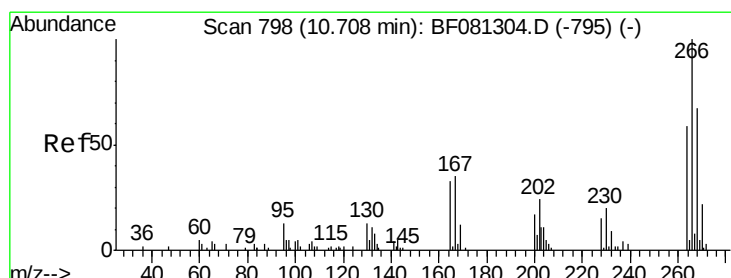
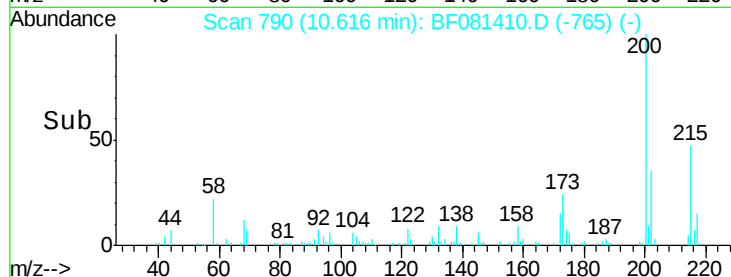
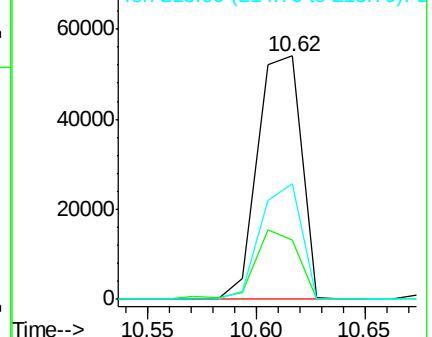
215 47.5 41.8 81.8



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: 77.37 ng

RT: 10.69 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

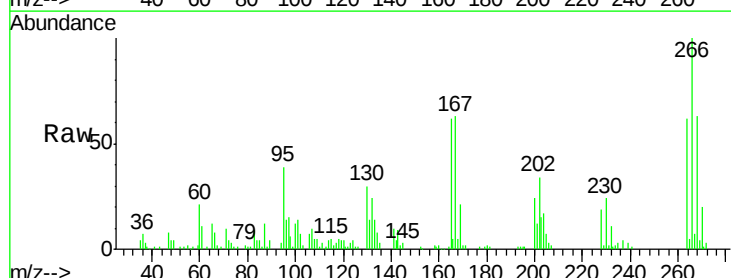
Tgt Ion:266 Resp: 72463

Ion Ratio Lower Upper

266 100

268 63.0 49.8 74.6

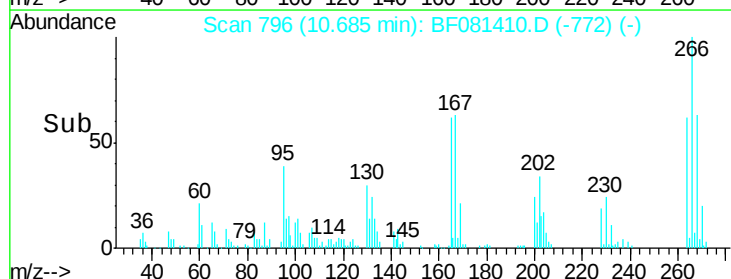
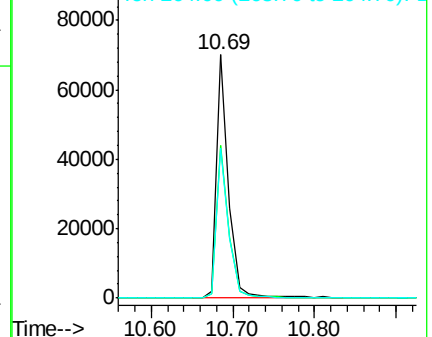
264 61.9 50.2 75.2

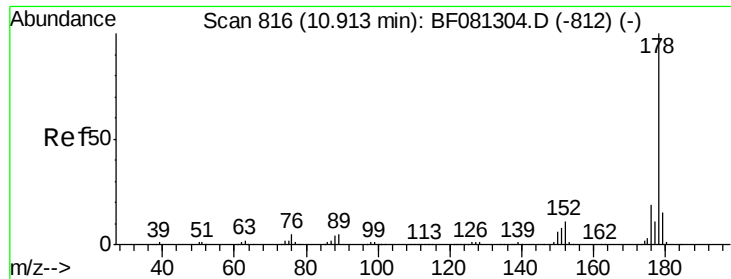


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

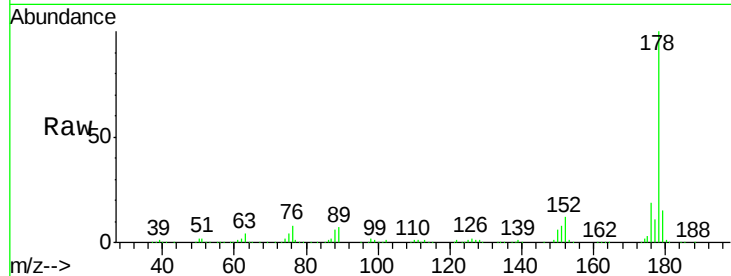




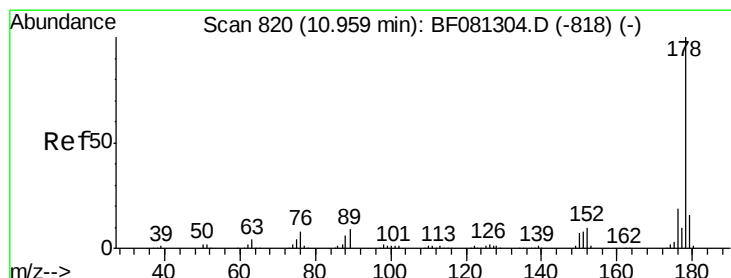
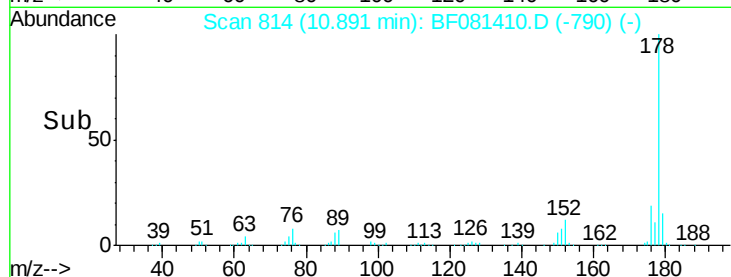
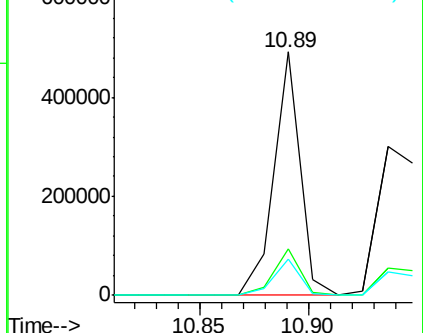
#70
Phenanthrene
Concen: 41.32 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 419735
Ion Ratio Lower Upper
178 100
176 19.2 13.8 20.8
179 15.0 12.2 18.2

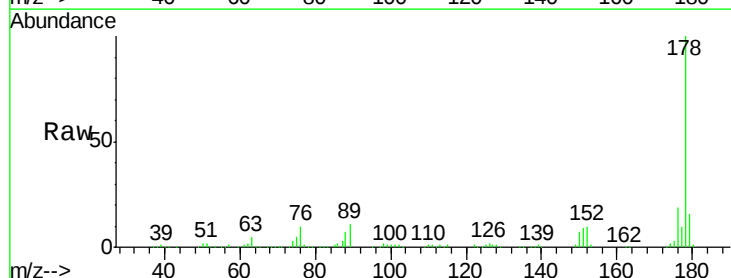


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

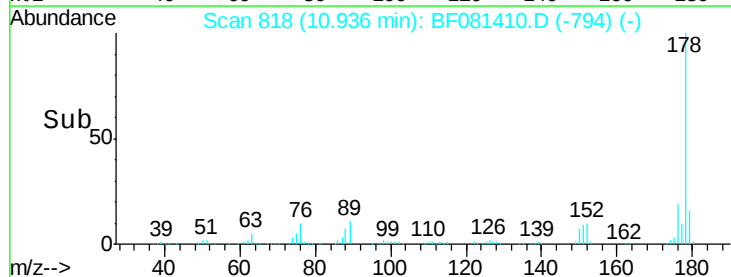
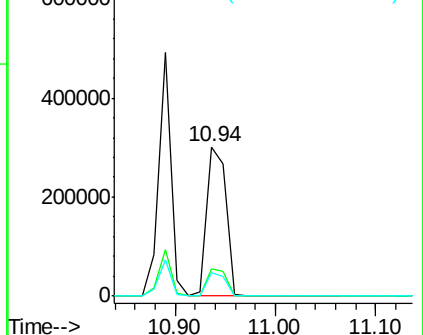


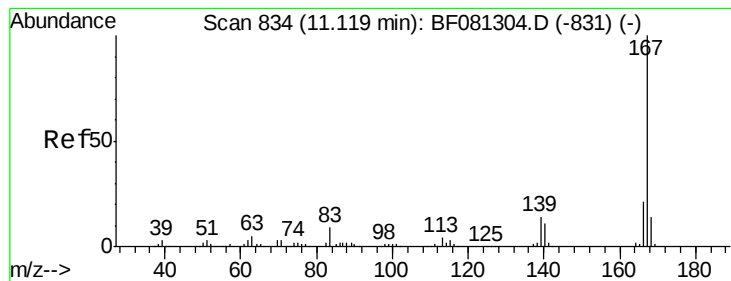
#71
Anthracene
Concen: 38.41 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion:178 Resp: 400875
Ion Ratio Lower Upper
178 100
176 18.5 14.1 21.1
179 16.0 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: 41.40 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

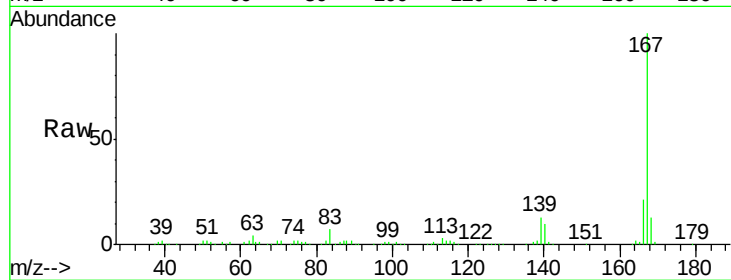
Tot Ion:167 Resp: 405499

Ion Ratio Lower Upper

167 100

166 20.8 15.7 23.5

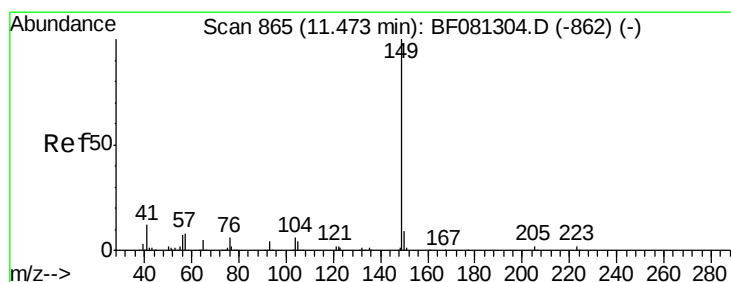
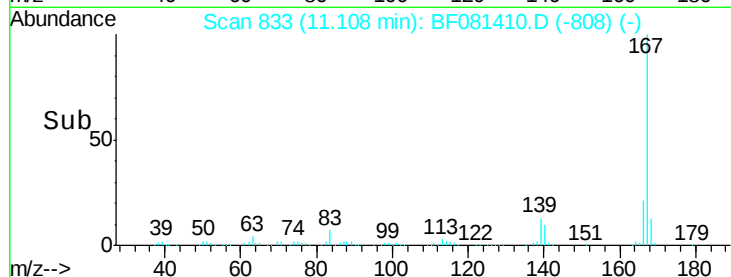
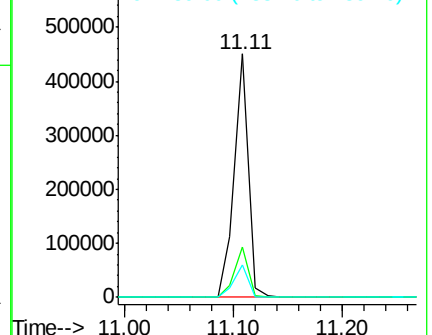
139 13.3 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.46 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

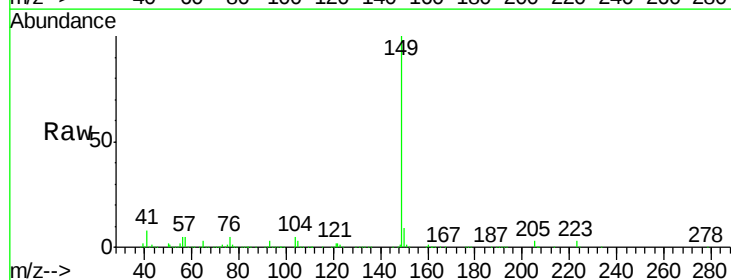
Tgt Ion:149 Resp: 491098

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

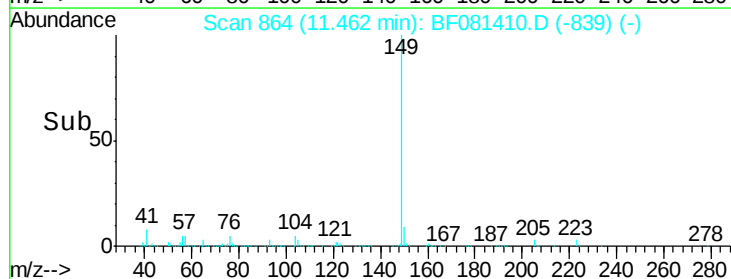
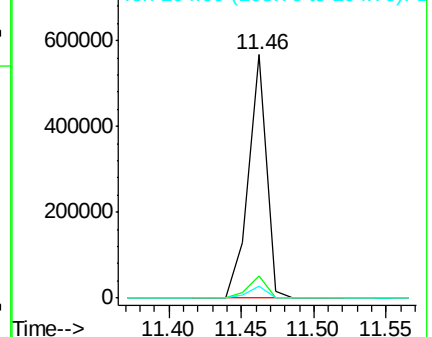
104 4.8 2.4 3.6#

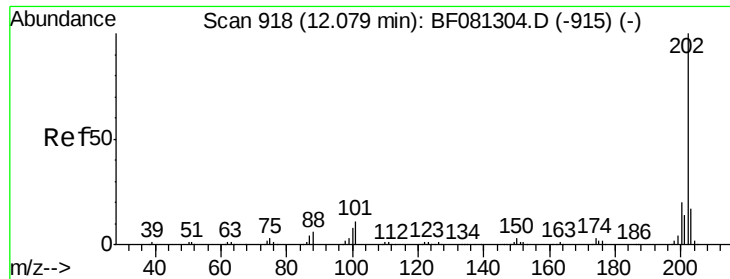


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

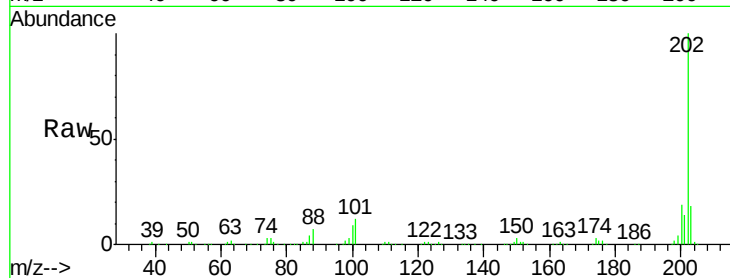




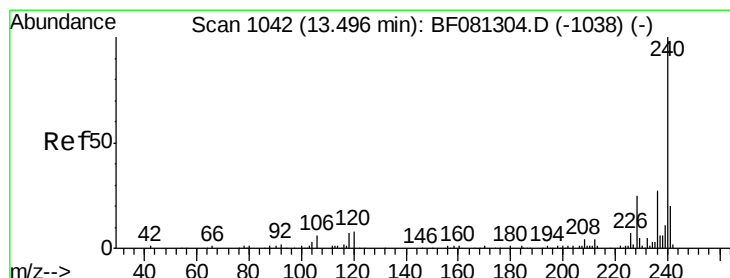
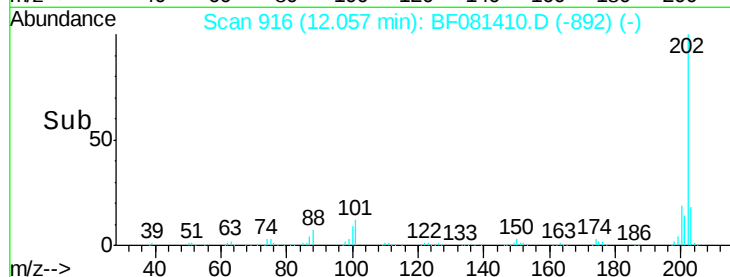
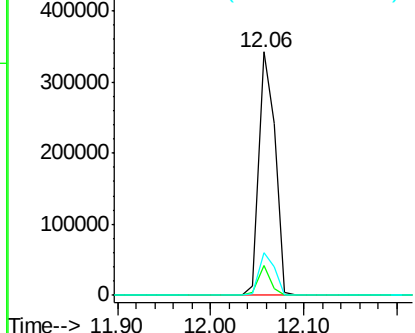
#74
 Fluoranthene
 Concen: 37.88 ng
 RT: 12.06 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	38.3
203	17.7	0.0	37.3

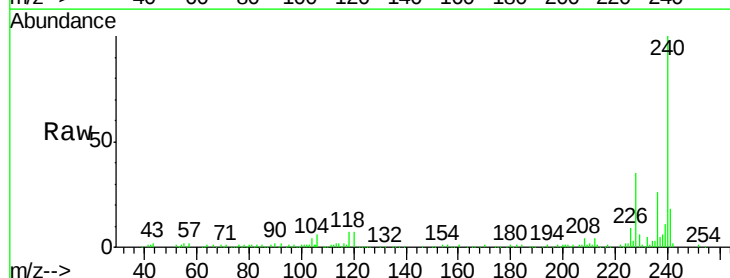


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

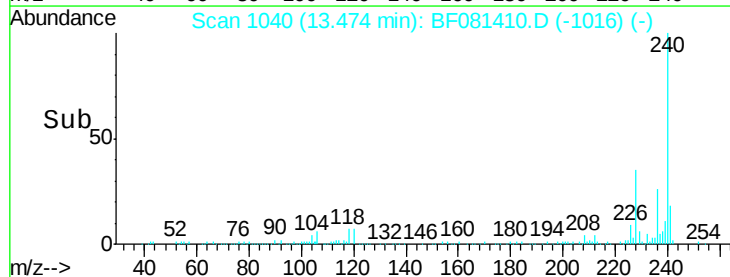
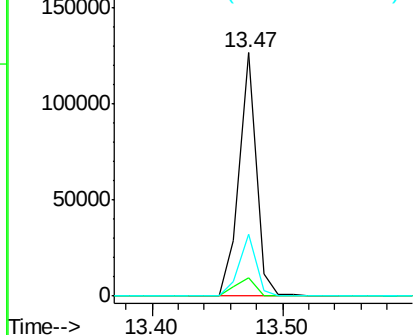


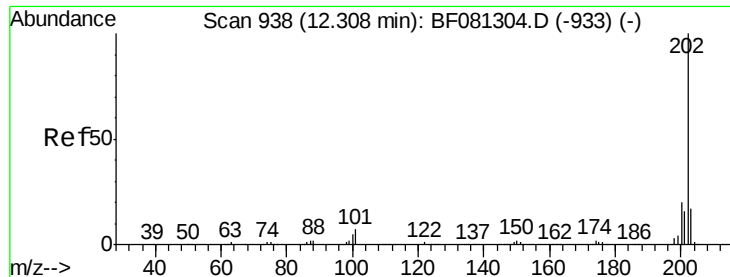
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	25.6	18.4	27.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

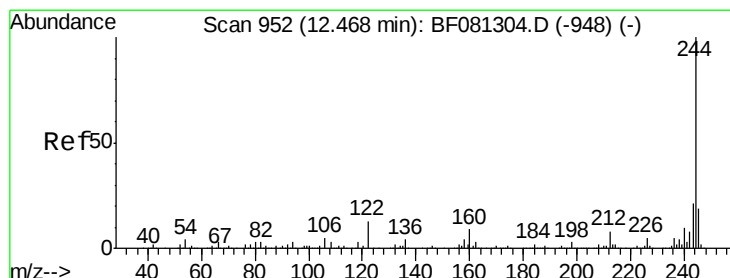
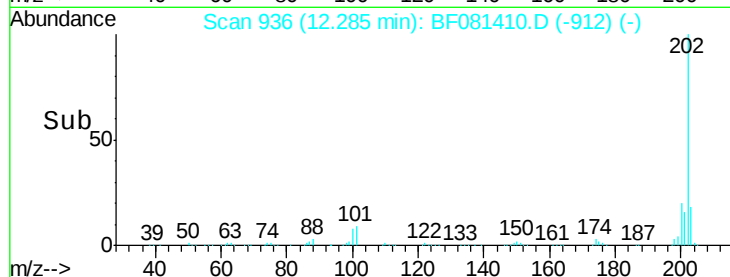
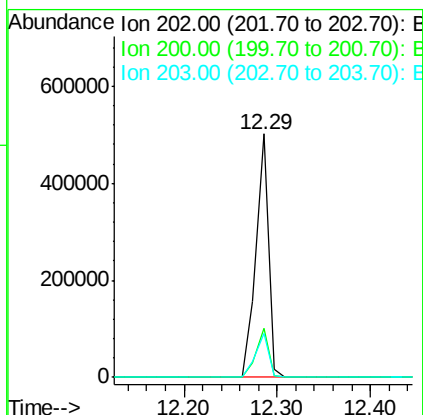
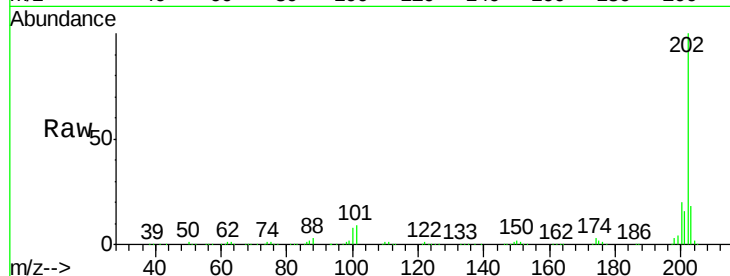




#77
Pvrene
Concen: 54.48 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

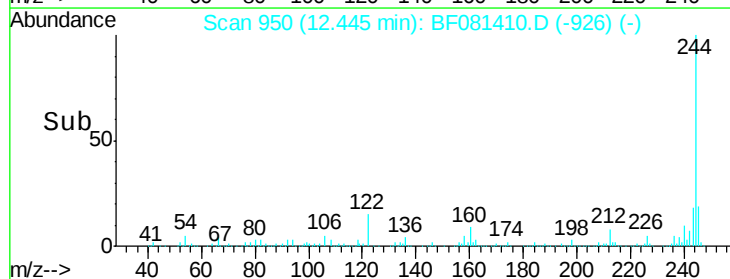
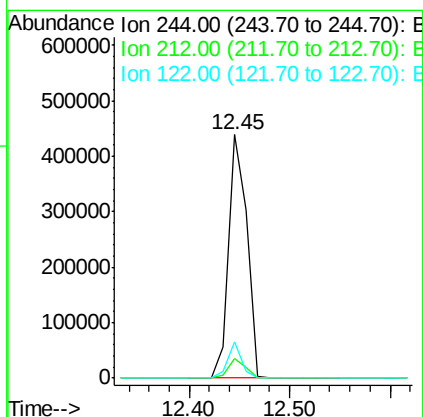
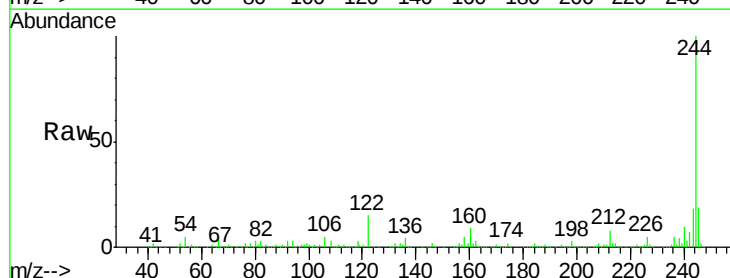
Instrument :
BNA_F
ClientSampleId :

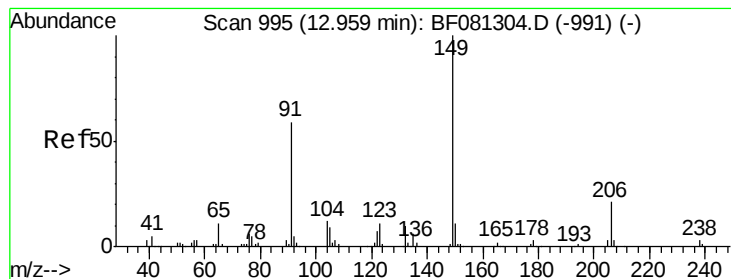
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.9	14.1	21.1



#78
Terphenyl-d14
Concen: 110.84 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081410.D
Acq: 4 Sep 2015 8:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.8	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 50.84 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

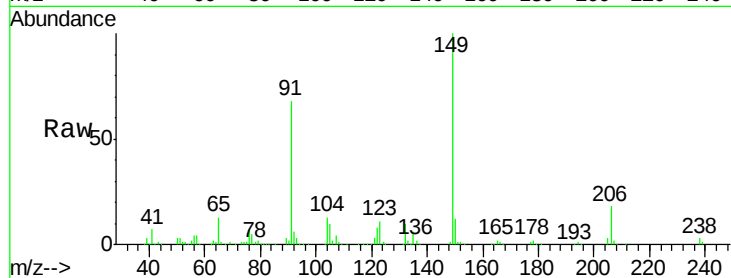
Tot Ion:149 Resp: 190429

Ion Ratio Lower Upper

149 100

91 67.8 48.6 72.8

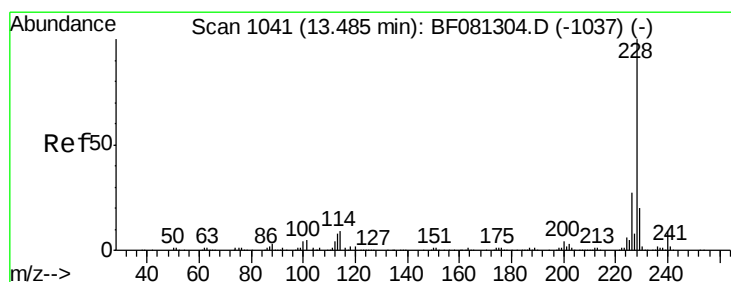
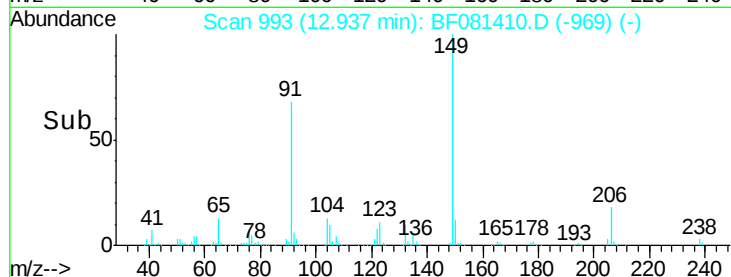
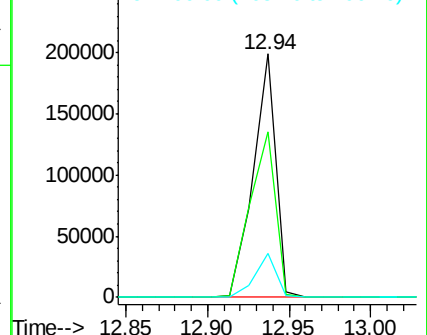
206 18.3 14.9 22.3



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: 41.64 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

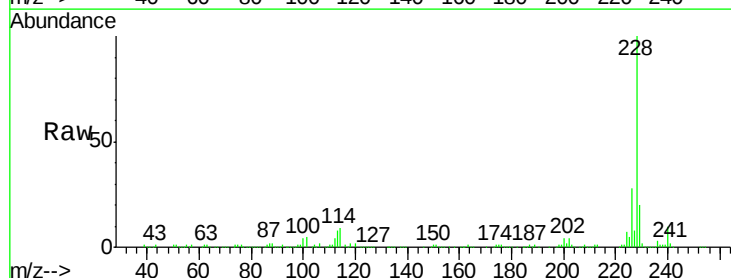
Tgt Ion:228 Resp: 308300

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

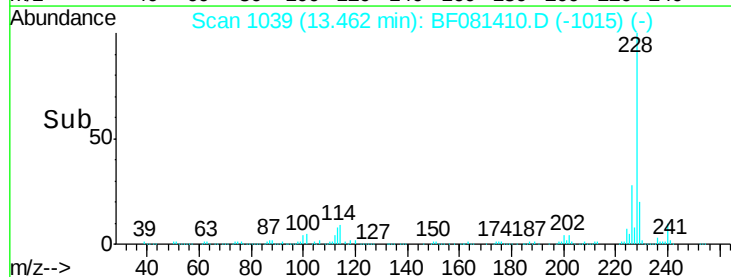
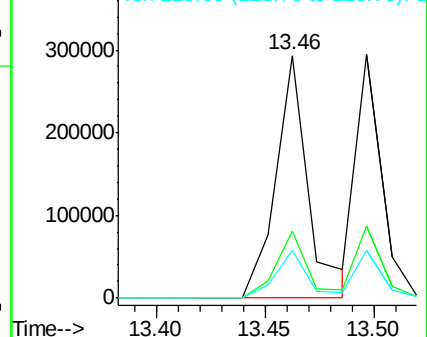
229 19.8 15.4 23.2

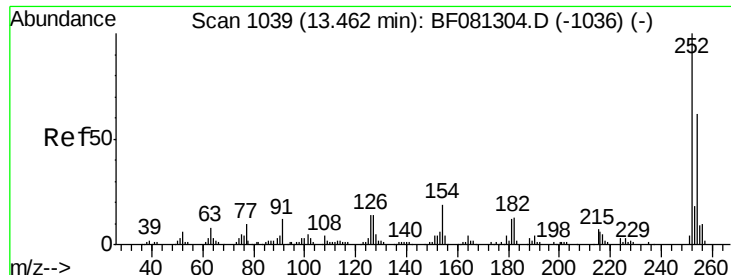


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

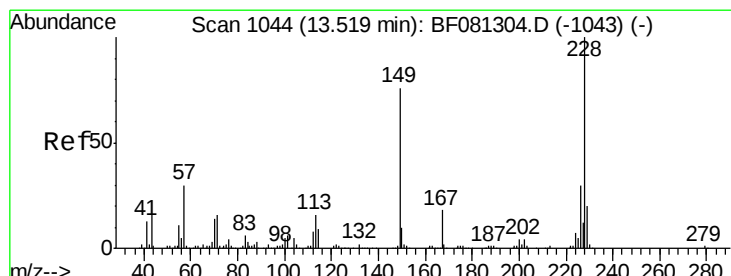
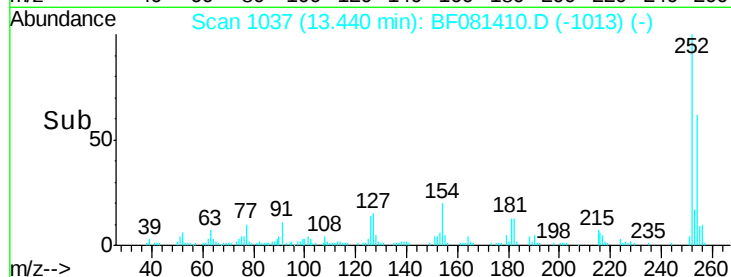
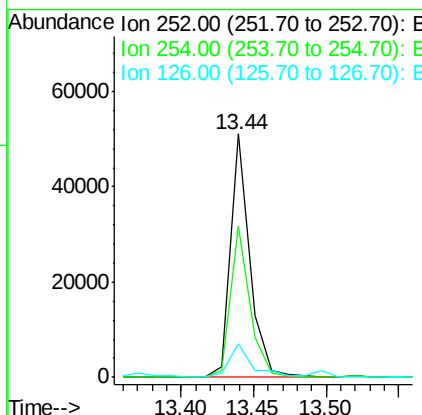
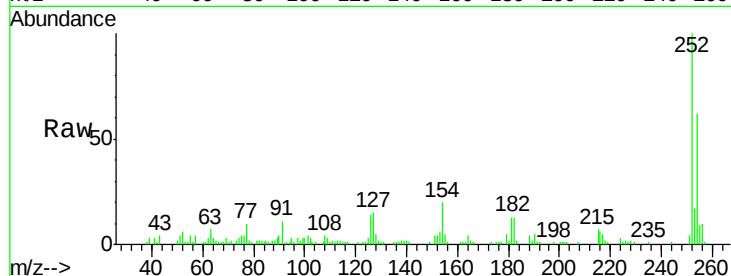




#81
 3,3'-Dichlorobenzidine
 Concen: 18.88 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

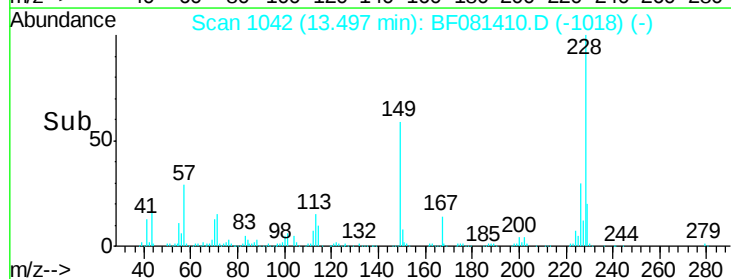
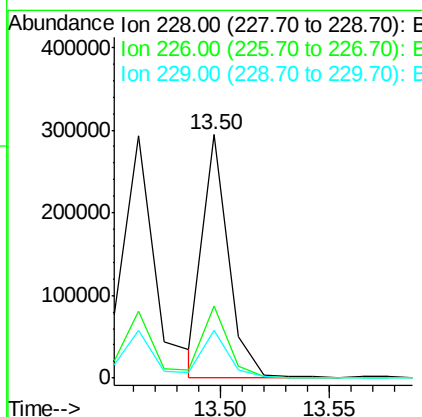
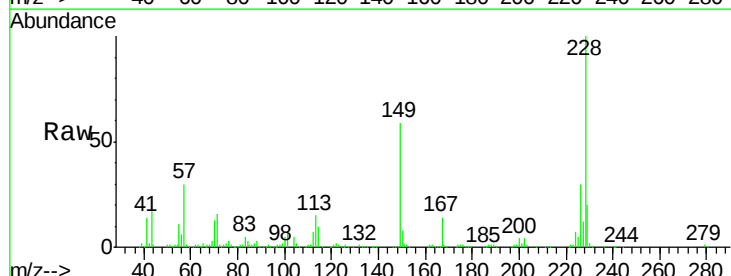
Instrument :
 BNA_F
 ClientSampleId :

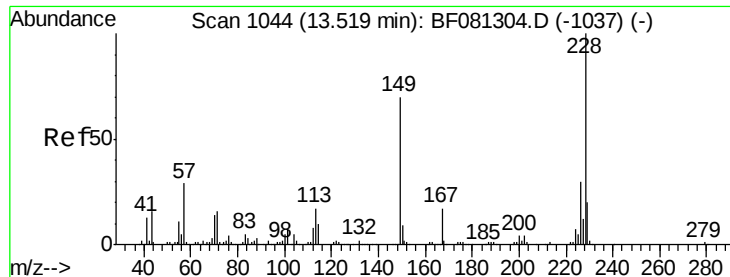
Tot Ion:252 Resp: 47147
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.4 77.2
 126 14.0 16.4 24.6#



#82
 Chrysene
 Concen: 35.95 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:228 Resp: 238616
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.0 31.4
 229 19.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.31 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

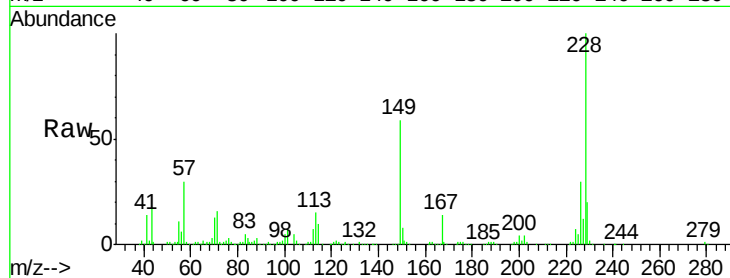
Tot Ion:149 Resp: 219037

Ion Ratio Lower Upper

149 100

167 23.5 24.2 36.2#

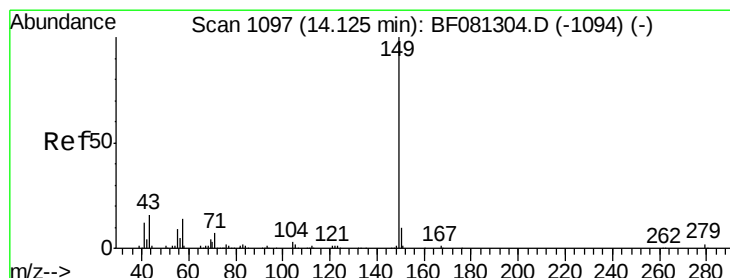
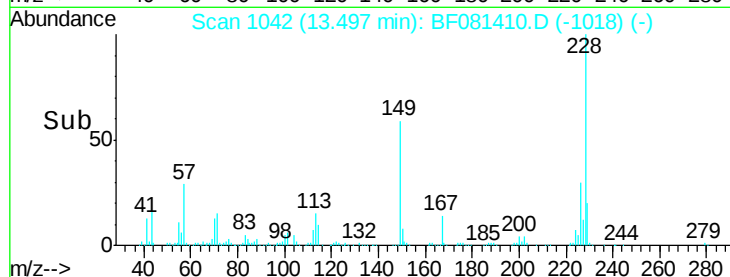
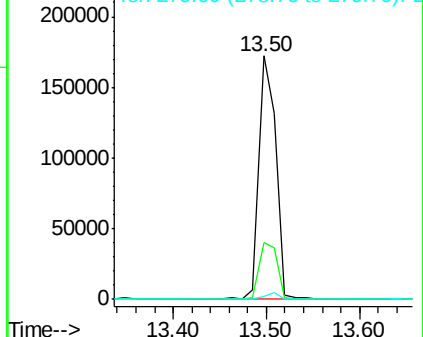
279 1.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.81 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

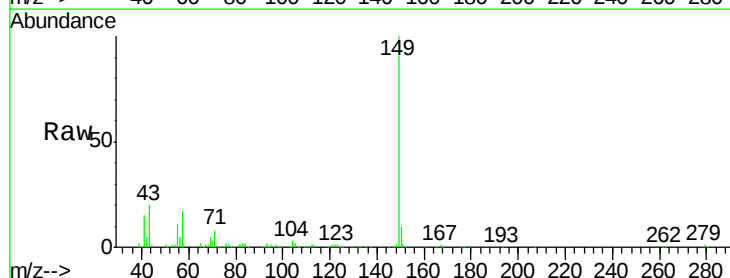
Tgt Ion:149 Resp: 307731

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

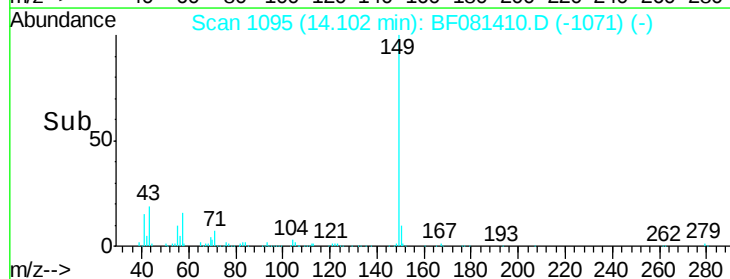
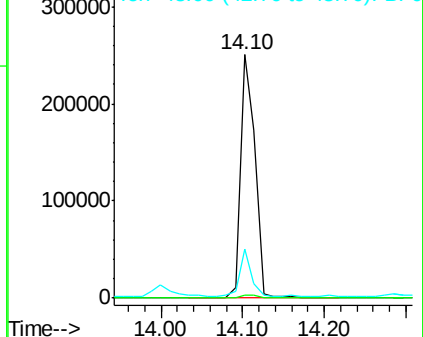
43 14.8 10.2 15.2

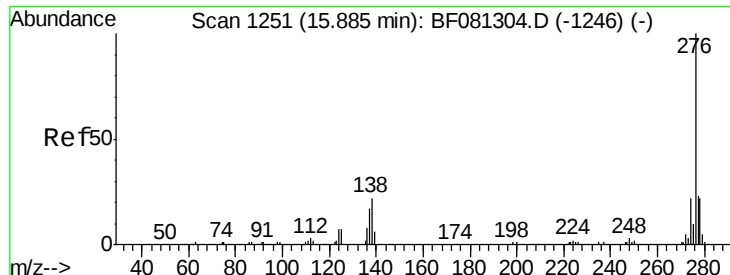


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

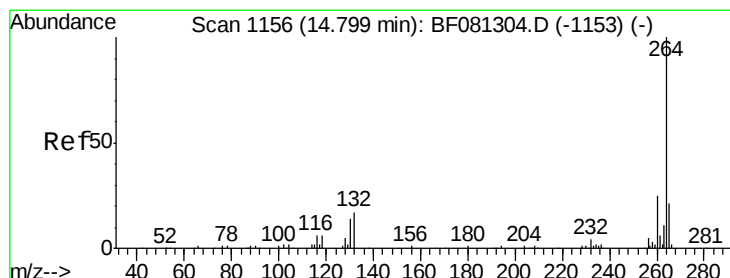
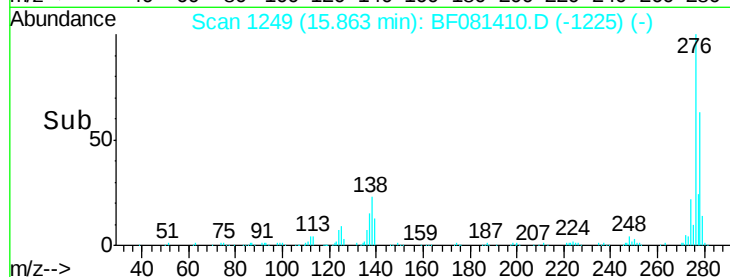
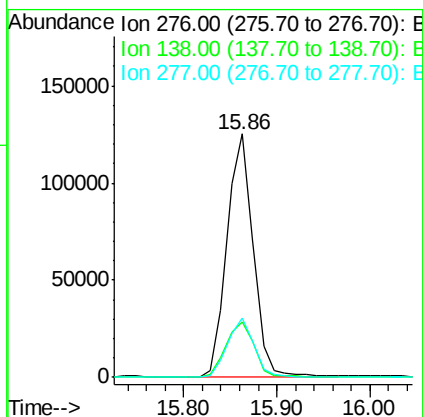
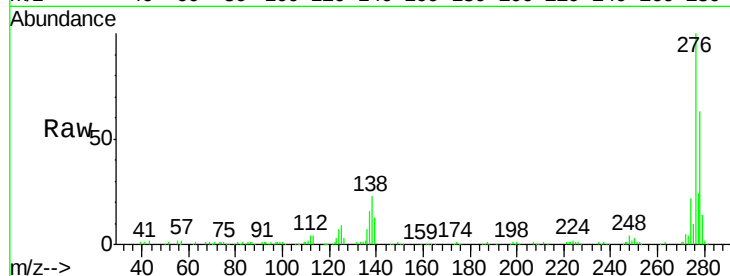




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.83 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

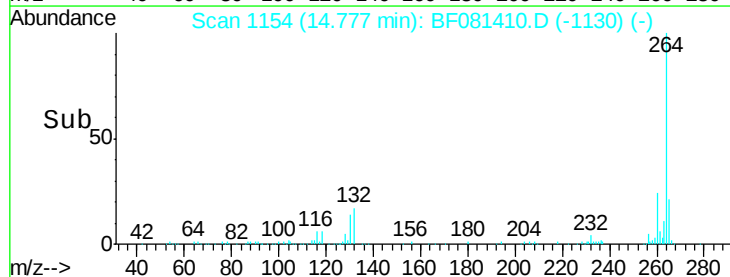
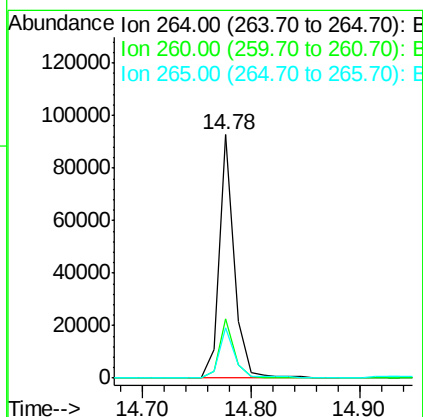
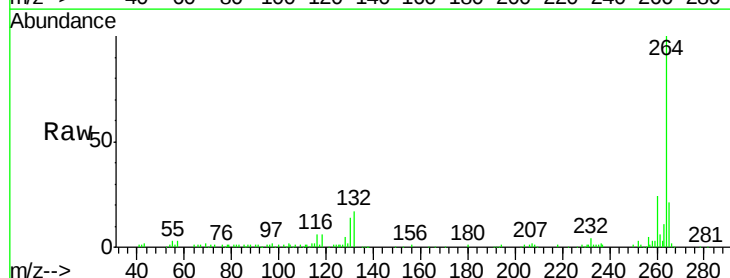
Instrument :
 BNA_F
 ClientSampleId :

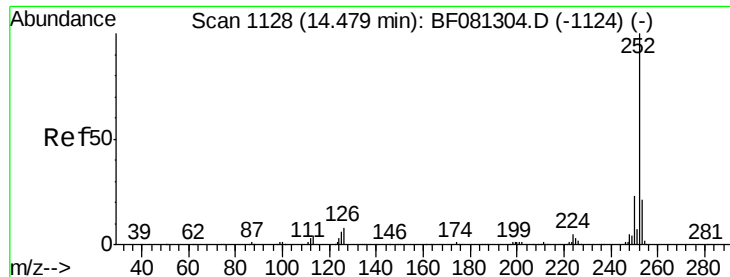
Tot Ion:276 Resp: 247547
 Ion Ratio Lower Upper
 276 100
 138 24.5 25.7 38.5#
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081410.D
 Acq: 4 Sep 2015 8:55

Tgt Ion:264 Resp: 89946
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 20.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 75.48 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

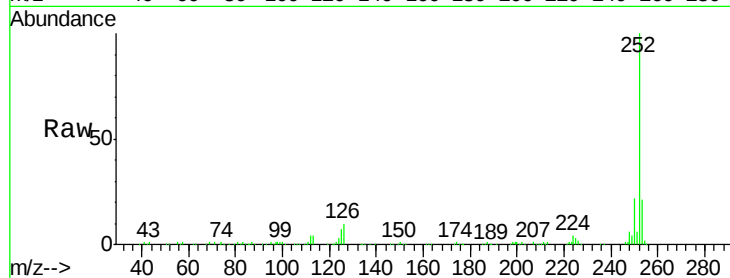
Tot Ion:252 Resp: 484686

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

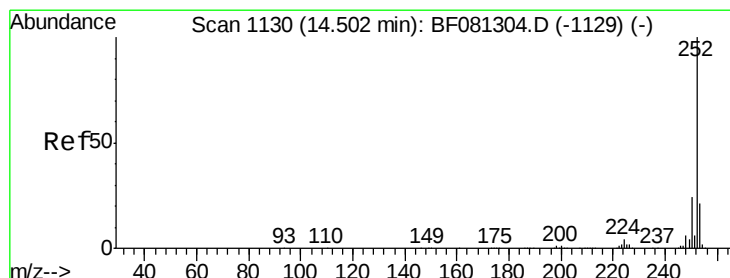
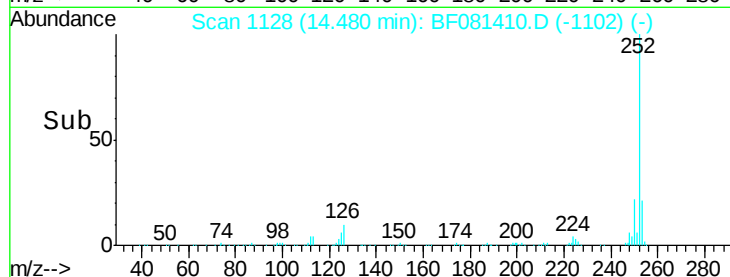
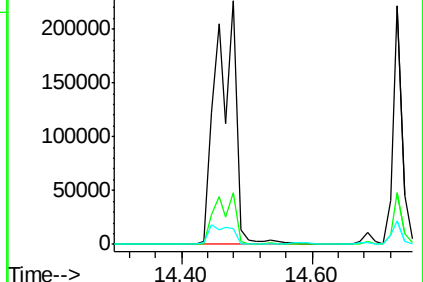
125 6.6 17.1 25.7#



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: 90.96 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

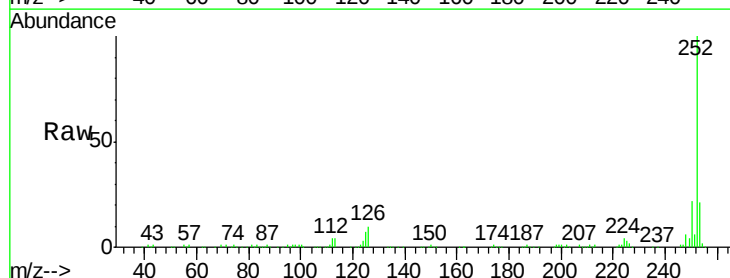
Tgt Ion:252 Resp: 484686

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

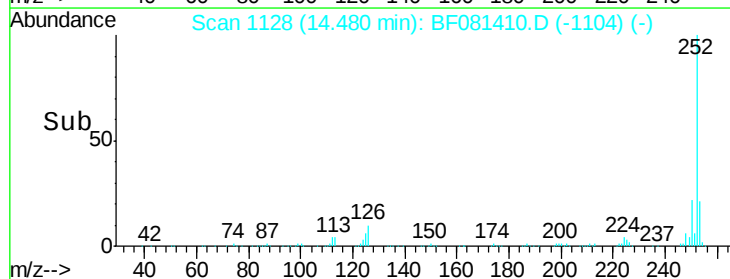
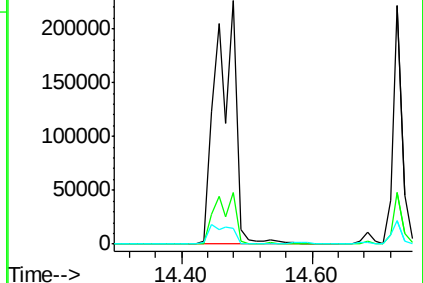
125 6.6 16.0 24.0#

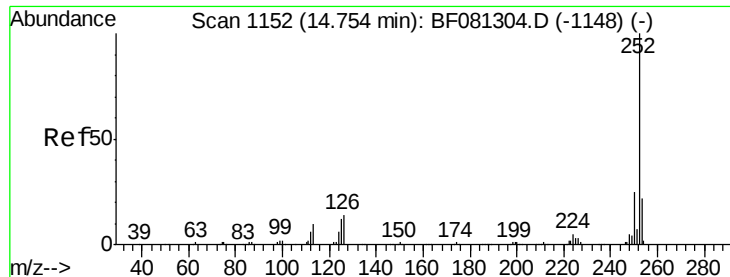


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.62 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampled :

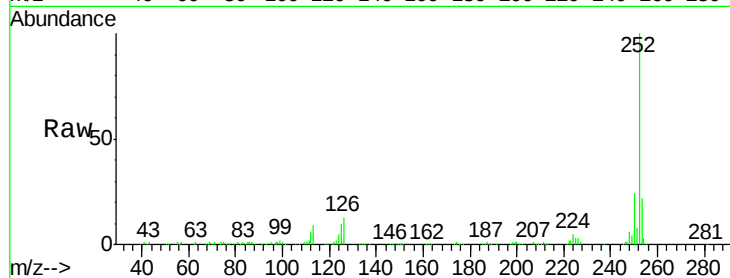
Tot Ion:252 Resp: 226482

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

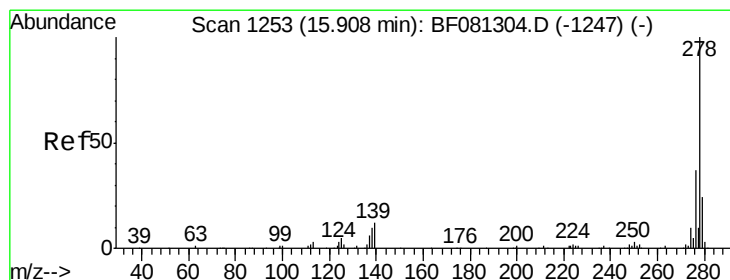
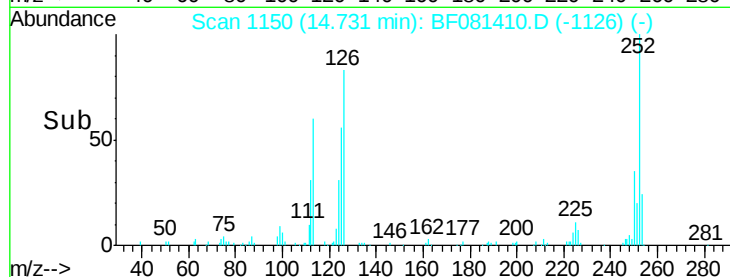
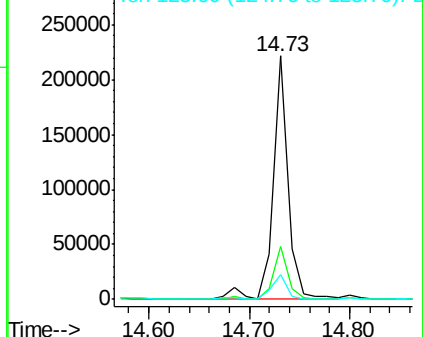
125 10.0 18.0 27.0#



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: 48.38 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

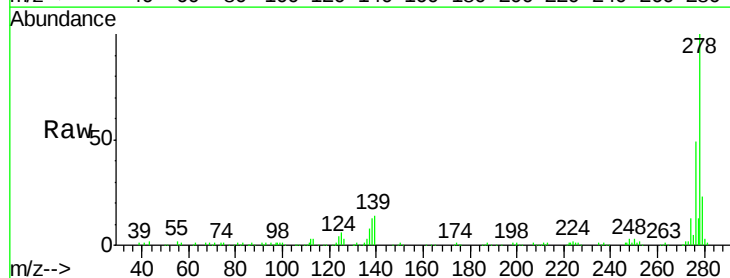
Tgt Ion:278 Resp: 203436

Ion Ratio Lower Upper

278 100

139 13.8 26.3 39.5#

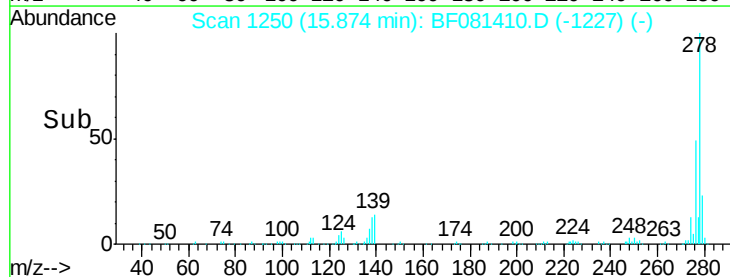
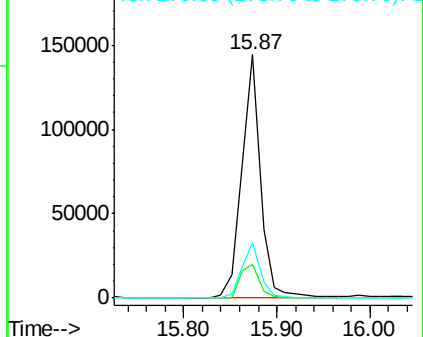
279 22.5 18.2 27.4

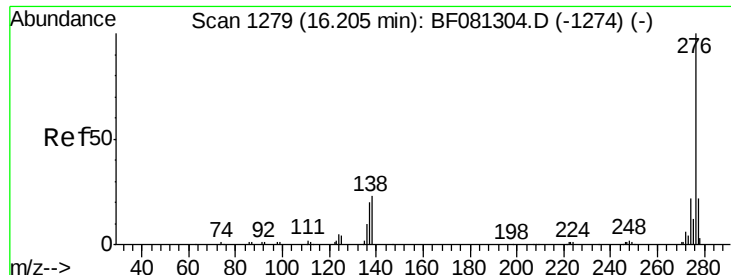


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.53 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF081410.D

Acq: 4 Sep 2015 8:55

Instrument :

BNA_F

ClientSampleId :

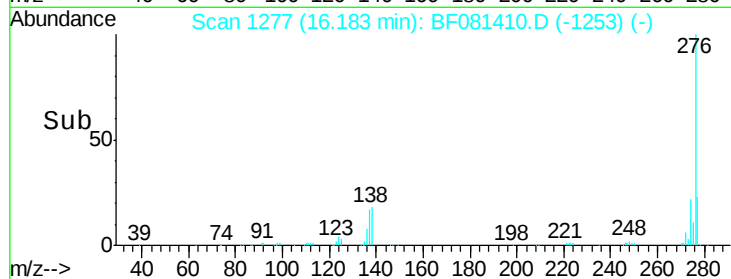
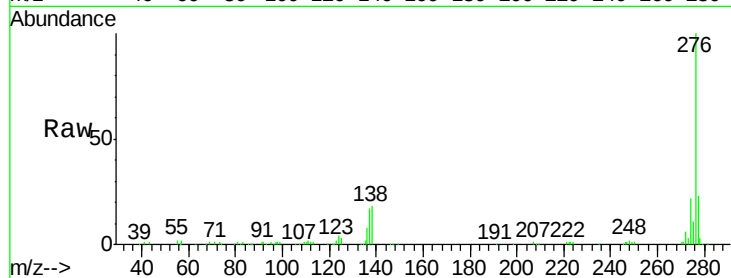
Tot Ion:276 Resp: 210801

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 18.4 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

