

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080936.D
 Acq On : 7 Aug 2015 19:59
 Operator : TP/UM
 Sample : PB84719BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:01:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53396	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	200831	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	98616	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	196788	20.00	ng	0.00
75) Chrysene-d12	13.95	240	150256	20.00	ng	-0.01
86) Perylene-d12	15.36	264	135851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	380935	116.56	ng	0.02
7) Phenol-d6	6.44	99	499644	111.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	339465	79.95	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	127728	117.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	558650	79.75	ng	0.00
78) Terphenyl-d14	12.91	244	610444	83.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	47276	30.50	ng	97
3) Pyridine	3.10	79	128052	29.13	ng	97
4) n-Nitrosodimethylamine	3.05	42	77774	34.66	ng	96
6) Aniline	6.46	93	159964	24.31	ng	100
8) 2-Chlorophenol	6.59	128	148941	39.39	ng	94
9) Benzaldehyde	6.35	77	12352	4.09	ng	91
10) Phenol	6.45	94	195699	36.83	ng	93
11) bis(2-Chloroethyl)ether	6.54	93	140414	35.39	ng	99
12) 1,3-Dichlorobenzene	6.75	146	143149	35.67	ng	98
13) 1,4-Dichlorobenzene	6.83	146	136123	32.64	ng	97
14) 1,2-Dichlorobenzene	6.98	146	140372	37.23	ng	99
15) Benzyl Alcohol	6.96	79	115067	31.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	279583	35.03	ng	97
17) 2-Methylphenol	7.07	107	130767	40.51	ng	98
18) Hexachloroethane	7.32	117	56157	35.15	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	117009	35.75	ng	96
20) 3+4-Methylphenols	7.22	107	141429	34.88	ng	97
22) Acetophenone	7.22	105	192520	39.12	ng	# 96
24) Nitrobenzene	7.39	77	155420	35.55	ng	97
25) Isophorone	7.63	82	285419	34.96	ng	# 94
26) 2-Nitrophenol	7.71	139	75169	40.87	ng	95
27) 2,4-Dimethylphenol	7.76	122	140099	40.68	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	175126	35.73	ng	98
29) 2,4-Dichlorophenol	7.95	162	113164	39.99	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	114939	37.16	ng	99
31) Naphthalene	8.11	128	394513	35.64	ng	99
32) Benzoic acid	7.87	122	91523	44.39	ng	95
33) 4-Chloroaniline	8.17	127	95162	21.15	ng	# 92
34) Hexachlorobutadiene	8.24	225	66555	36.16	ng	98
35) Caprolactam	8.52	113	29705	29.18	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	133481	38.66	ng	97
37) 2-Methylnaphthalene	8.81	142	276699	39.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	106241	34.95	ng	99
40) Hexachlorocyclopentadiene	8.97	237	122751	73.99	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080936.D
 Acq On : 7 Aug 2015 19:59
 Operator : TP/UM
 Sample : PB84719BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

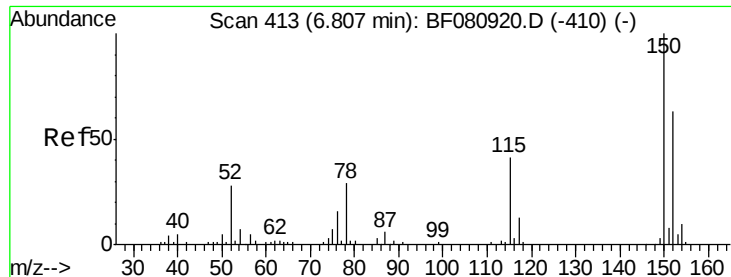
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:01:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.08	196	73691	33.07	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	89654	39.93	nq	# 82
45) 1,1'-Biphenyl	9.28	154	321726	38.01	nq	99
46) 2-Chloronaphthalene	9.30	162	242874	36.81	nq	96
47) 2-Nitroaniline	9.39	65	113620	42.94	nq	96
48) Acenaphthylene	9.71	152	451402	39.35	nq	100
49) Dimethylphthalate	9.57	163	281087	34.31	nq	100
50) 2,6-Dinitrotoluene	9.63	165	59738	35.30	nq	95
51) Acenaphthene	9.88	154	299809	42.67	nq	100
52) 3-Nitroaniline	9.80	138	55618	26.66	nq	83
53) 2,4-Dinitrophenol	9.90	184	69456	68.51	nq	# 82
54) Dibenzofuran	10.05	168	384581	40.48	nq	99
55) 4-Nitrophenol	9.96	139	112150	71.81	nq	# 61
56) 2,4-Dinitrotoluene	10.03	165	83099	36.70	nq	99
57) Fluorene	10.40	166	294185	40.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	65977	37.13	nq	99
59) Diethylphthalate	10.27	149	305074	35.78	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	118929	33.21	nq	99
61) 4-Nitroaniline	10.41	138	72494	33.77	nq	98
62) Azobenzene	10.54	77	358340	37.58	nq	100
64) 4,6-Dinitro-2-methylphenol	10.44	198	51613	42.32	nq	92
65) n-Nitrosodiphenylamine	10.51	169	272529	39.86	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	84254	40.42	nq	95
67) Hexachlorobenzene	10.93	284	83939	36.22	nq	# 55
68) Atrazine	11.04	200	82714	41.26	nq	98
69) Pentachlorophenol	11.13	266	100793	74.81	nq	97
70) Phenanthrene	11.34	178	427215	38.34	nq	99
71) Anthracene	11.40	178	437867	39.69	nq	99
72) Carbazole	11.55	167	418072	38.92	nq	# 97
73) Di-n-butylphthalate	11.89	149	529826	39.45	nq	99
74) Fluoranthene	12.53	202	494355	41.04	nq	99
76) Benzidine	12.66	184	166370	21.75	nq	97
77) Pyrene	12.76	202	525634	47.35	nq	100
79) Butylbenzylphthalate	13.39	149	241614	45.15	nq	97
80) Benzo(a)anthracene	13.94	228	397927	41.93	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	111755	32.37	nq	# 96
82) Chrysene	13.99	228	412834	45.43	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	322597	43.33	nq	98
84) Di-n-octyl phthalate	14.56	149	603736	47.83	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	345728	39.98	nq	100
87) Benzo(b)fluoranthene	14.99	252	706326	74.77	nq	99
88) Benzo(k)fluoranthene	14.99	252	706326	85.47	nq	# 98
89) Benzo(a)pyrene	15.30	252	318699	39.25	nq	# 95
90) Dibenzo(a,h)anthracene	16.73	278	293429	40.86	nq	98
91) Benzo(g,h,i)perylene	17.13	276	293629	42.04	nq	94

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

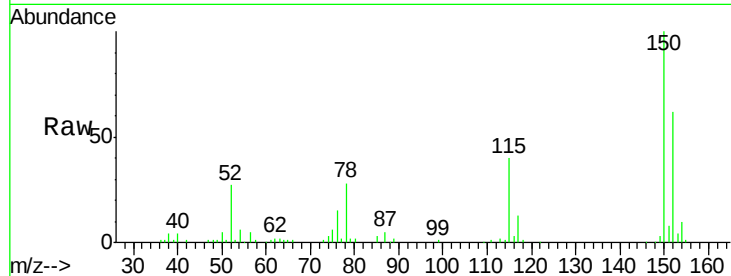


#1

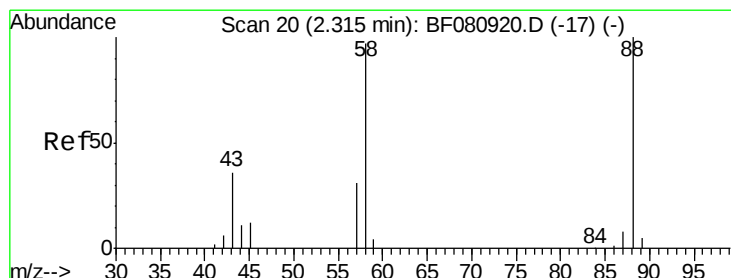
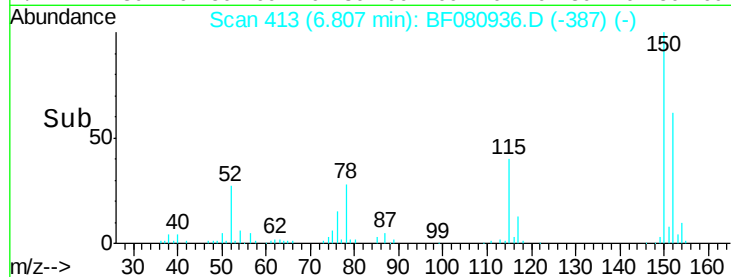
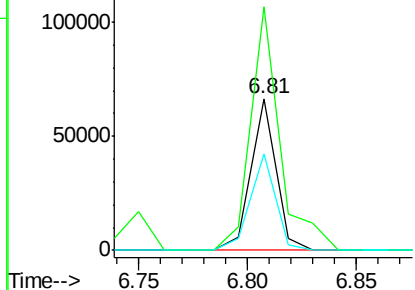
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53396
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.2
115 63.6 52.6 78.8



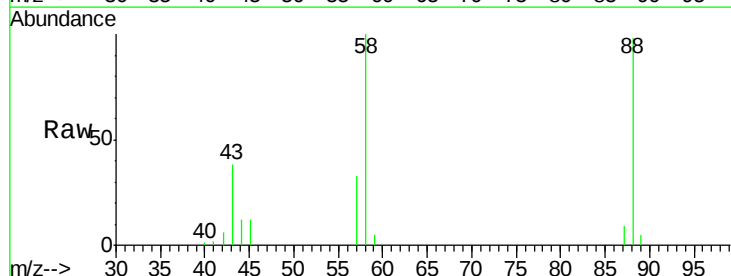
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



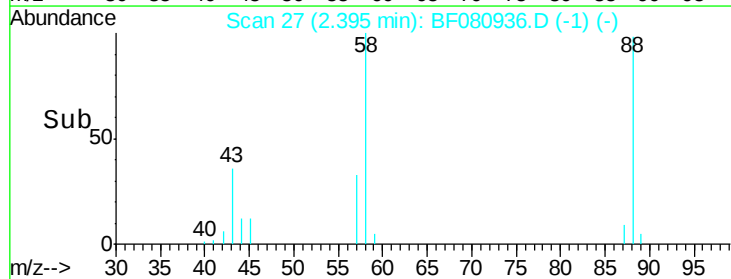
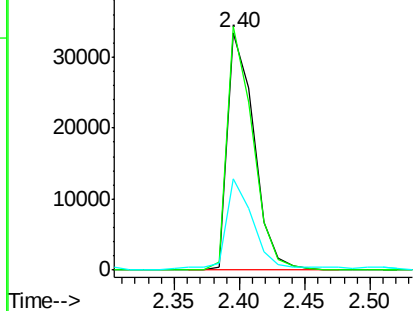
#2

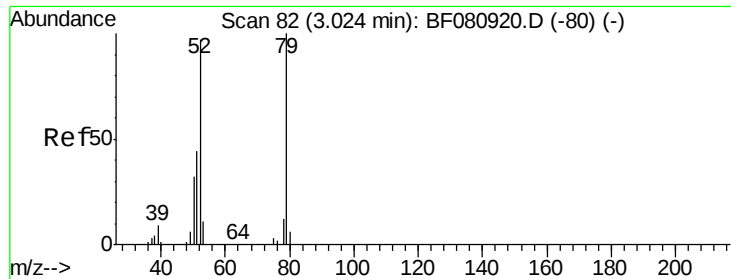
1,4-Dioxane
Concen: 30.50 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion: 88 Resp: 47276
Ion Ratio Lower Upper
88 100
58 99.4 79.3 118.9
43 41.8 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.13 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.08 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

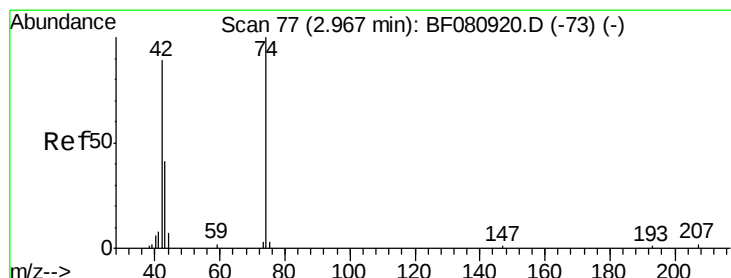
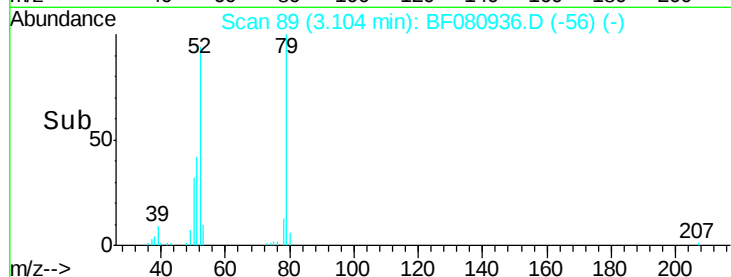
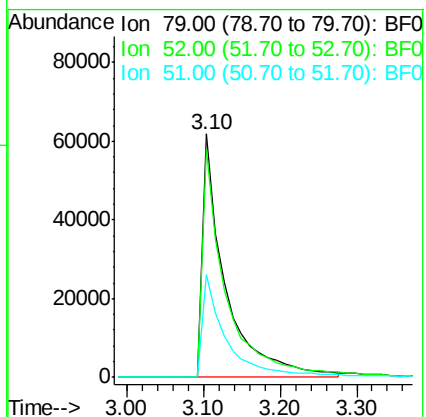
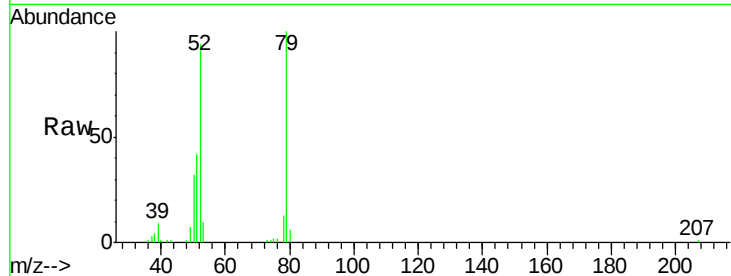
Tot Ion: 79 Resp: 128052

Ion Ratio Lower Upper

79 100

52 93.6 77.2 115.8

51 42.5 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 34.66 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.08 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

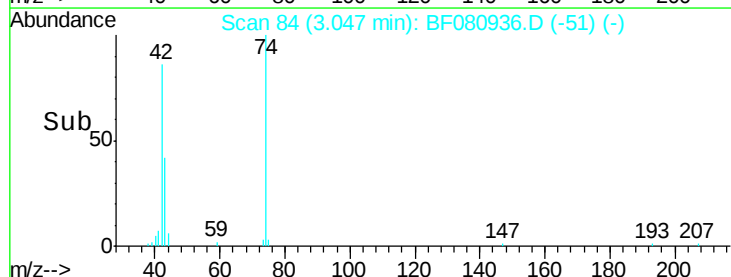
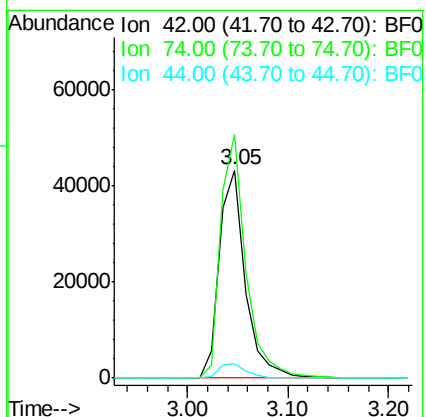
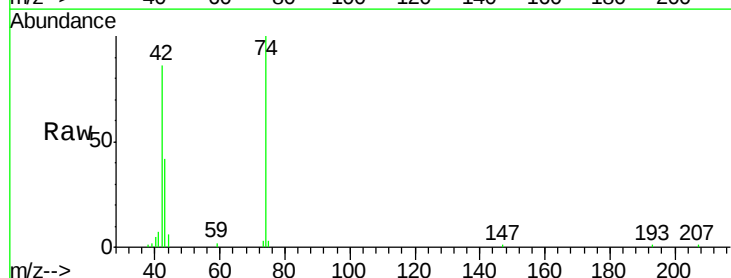
Tgt Ion: 42 Resp: 77774

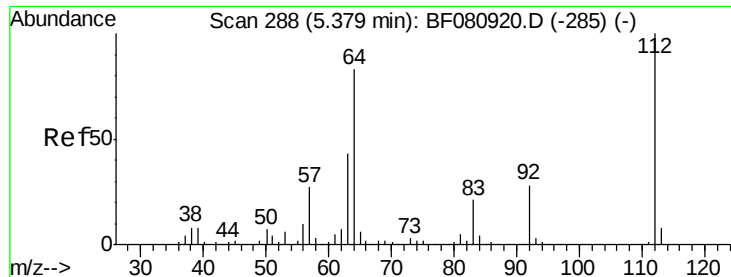
Ion Ratio Lower Upper

42 100

74 116.9 89.8 134.8

44 7.1 6.5 9.7





#5

2-Fluorophenol

Concen: 116.56 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF080936.D

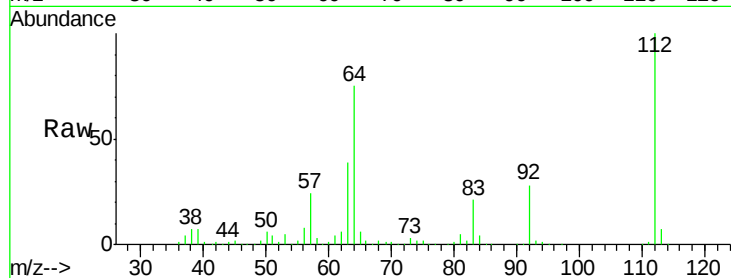
Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

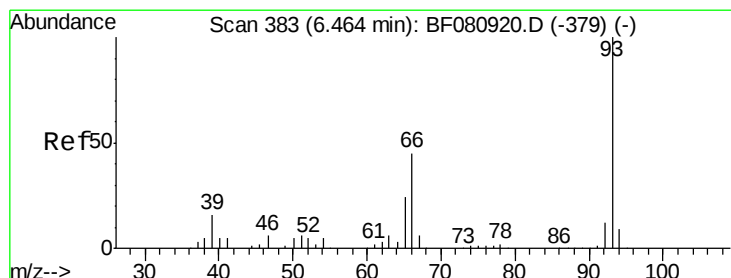
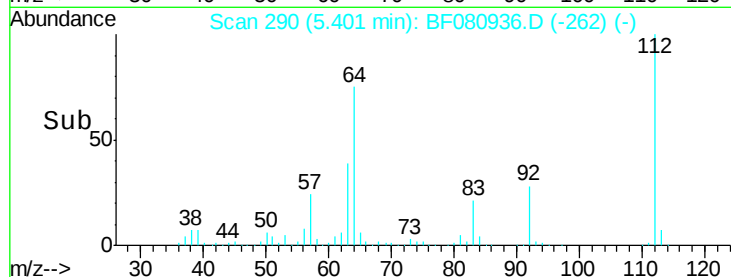
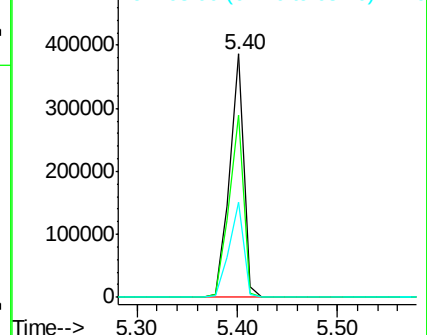
Tot Ion:	112	Resp:	380935
Ion	Ratio	Lower	Upper
112	100		
64	74.7	66.1	99.1
63	39.3	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.31 ng

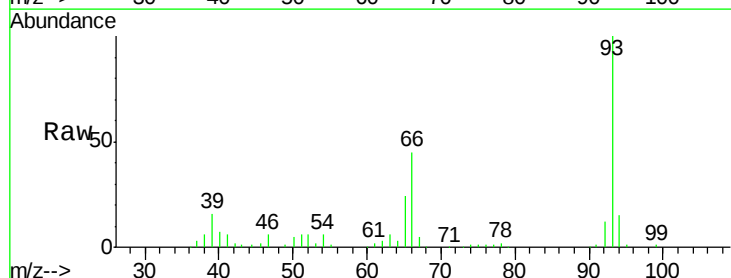
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

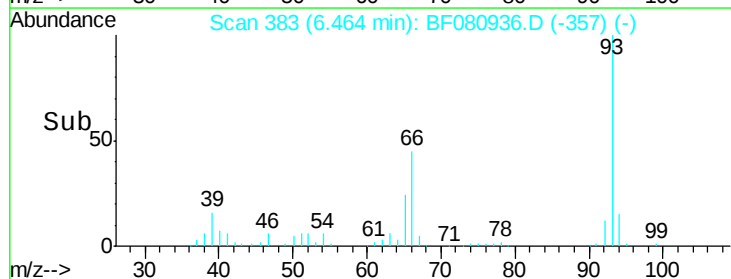
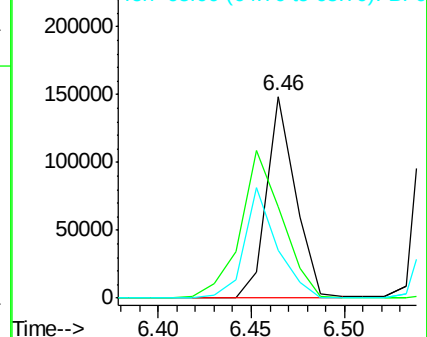
Tgt Ion:	93	Resp:	159964
Ion	Ratio	Lower	Upper
93	100		
66	45.4	36.2	54.4
65	23.7	19.0	28.4

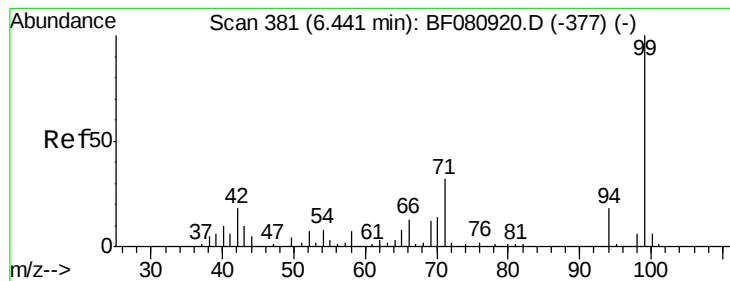


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.57 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

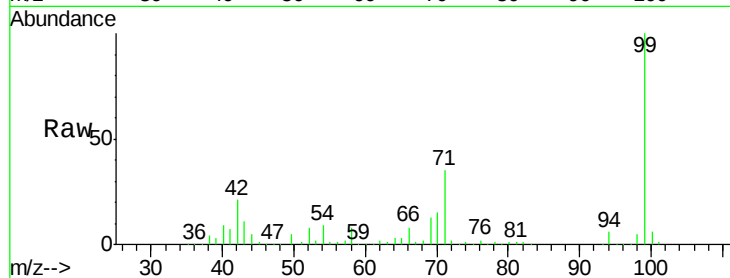
Tot Ion: 99 Resp: 499644

Ion Ratio Lower Upper

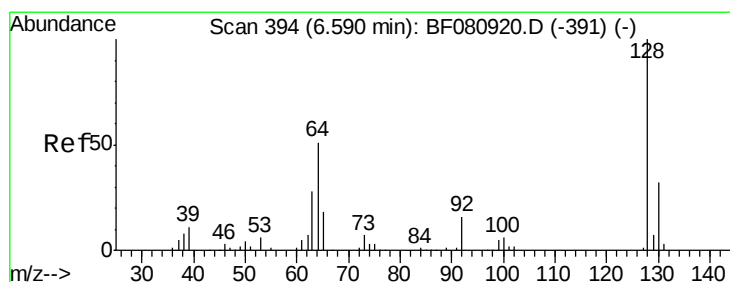
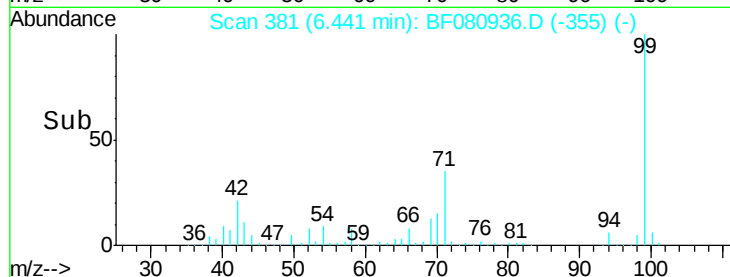
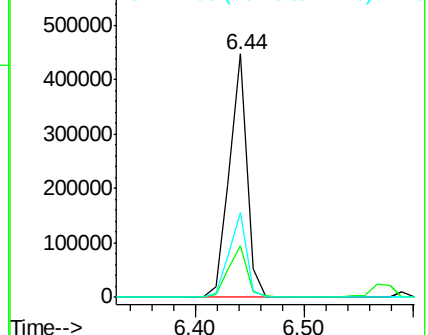
99 100

42 21.4 14.4 21.6

71 34.7 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.39 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

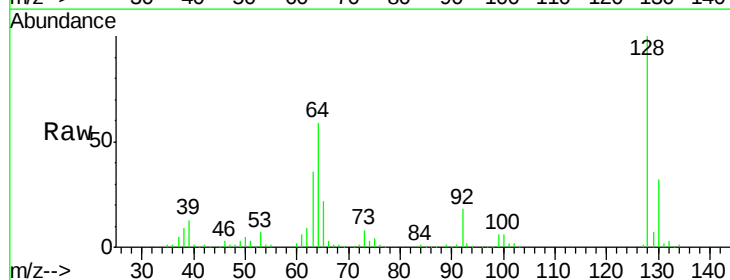
Tgt Ion:128 Resp: 148941

Ion Ratio Lower Upper

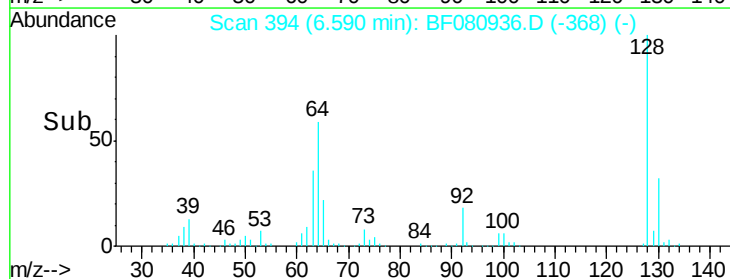
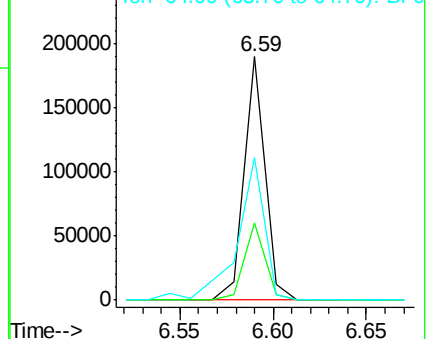
128 100

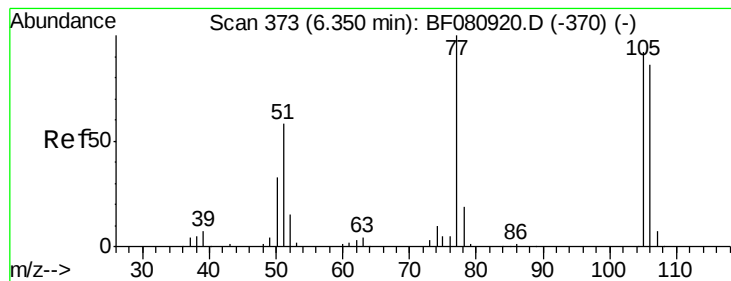
130 31.6 12.4 52.4

64 58.5 32.1 72.1



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: 4.09 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

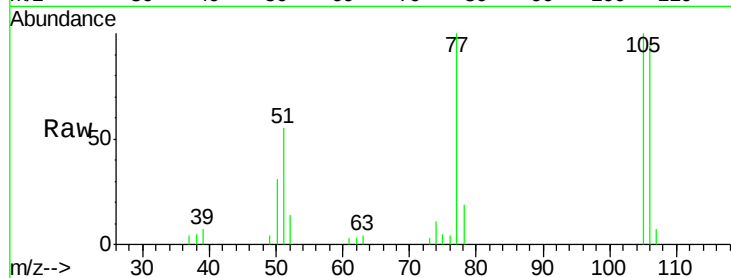
Tot Ion: 77 Resp: 12352

Ion Ratio Lower Upper

77 100

105 100.1 71.6 111.6

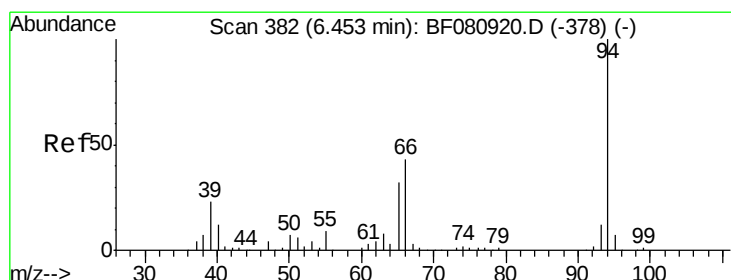
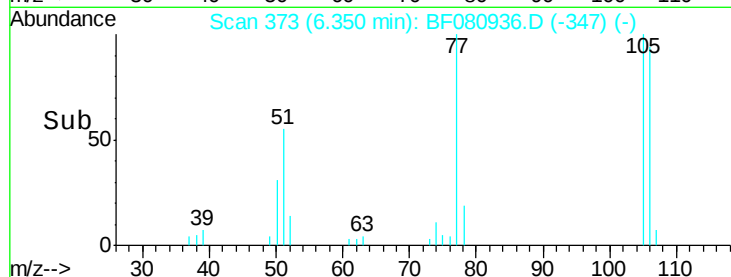
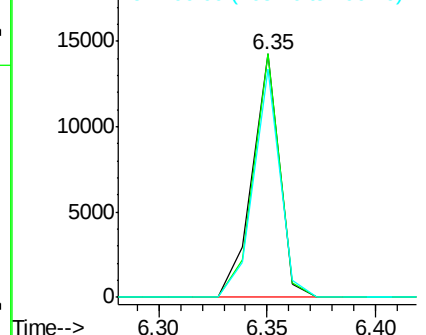
106 93.7 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.83 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

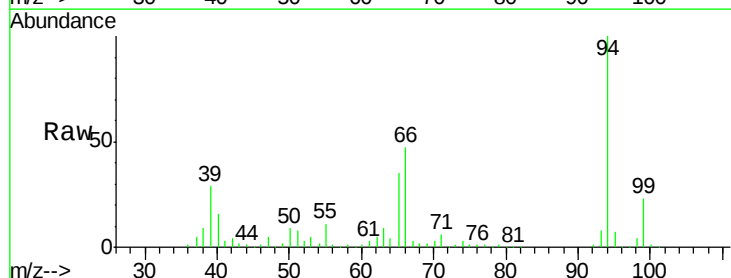
Tgt Ion: 94 Resp: 195699

Ion Ratio Lower Upper

94 100

65 35.4 11.8 51.8

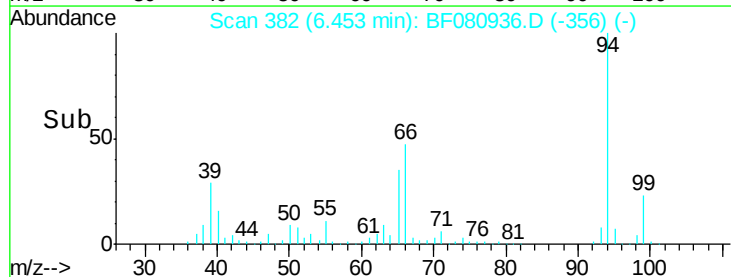
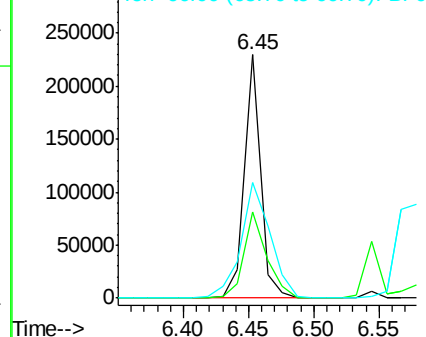
66 47.4 22.9 62.9

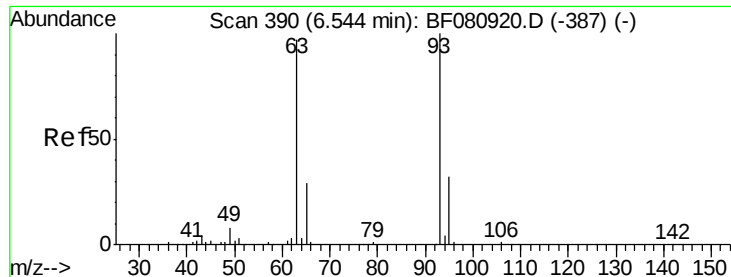


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.39 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

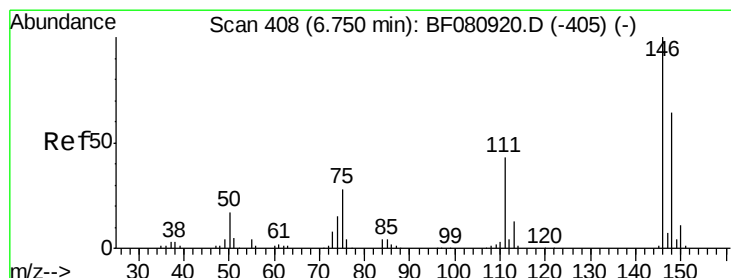
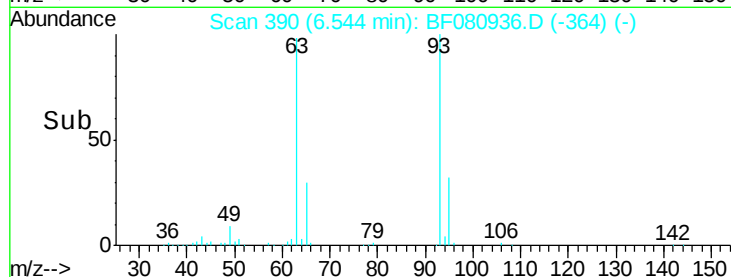
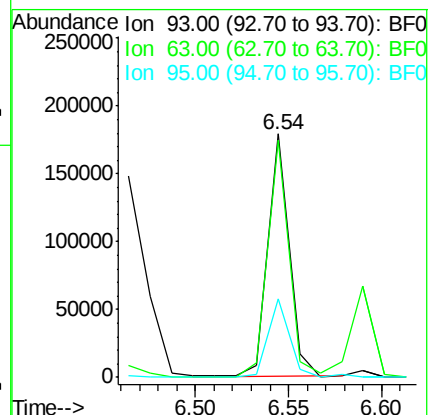
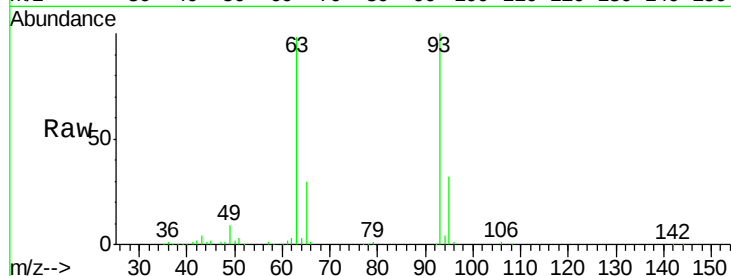
Tot Ion: 93 Resp: 140414

Ion Ratio Lower Upper

93 100

63 97.7 76.7 116.7

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.67 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

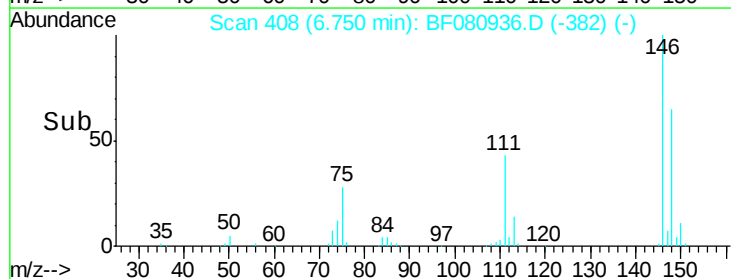
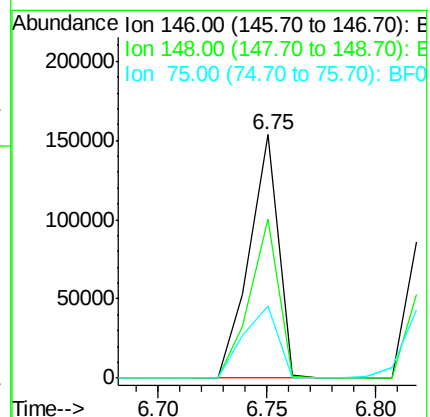
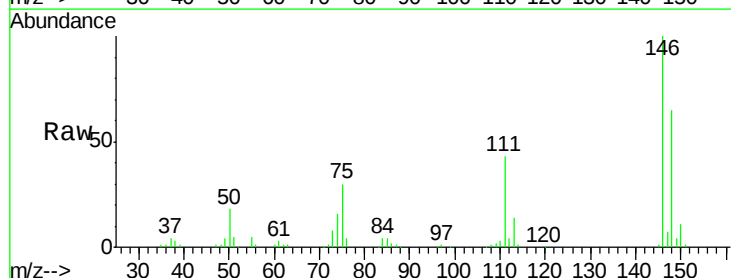
Tgt Ion: 146 Resp: 143149

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

75 29.5 22.2 33.4

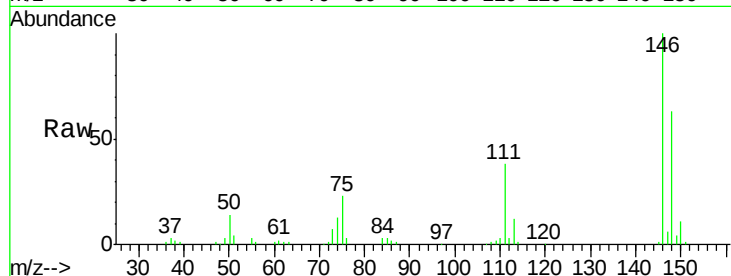




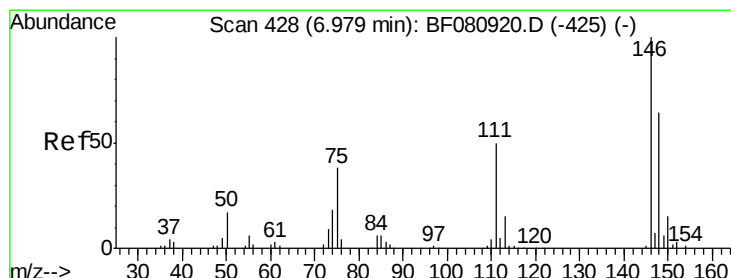
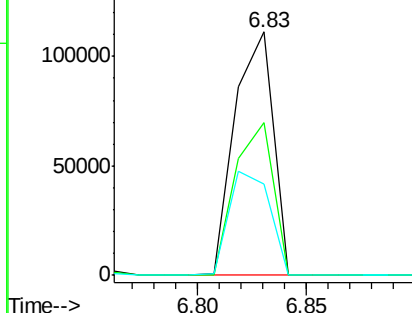
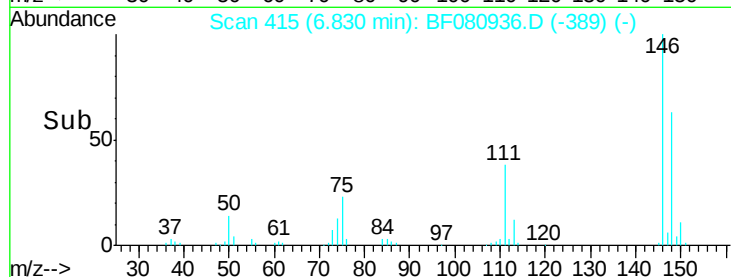
#13
 1,4-Dichlorobenzene
 Concen: 32.64 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 136123
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 37.5 31.5 47.3

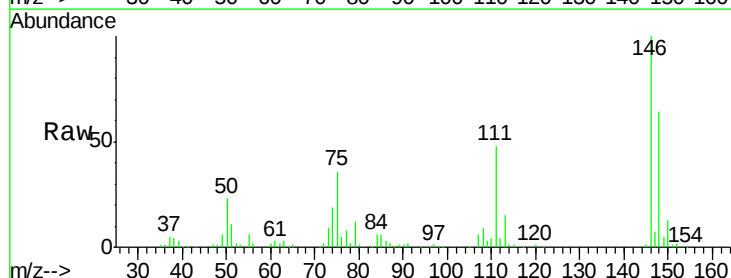


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

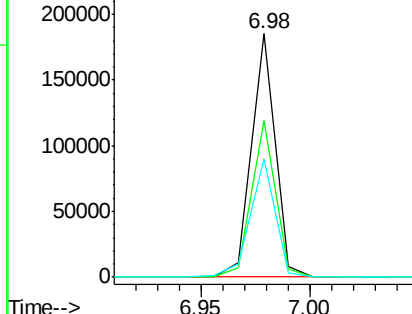
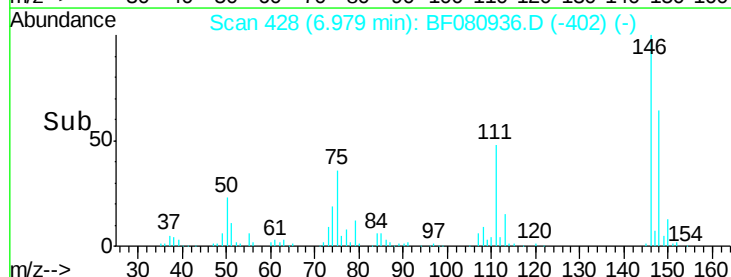


#14
 1,2-Dichlorobenzene
 Concen: 37.23 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:146 Resp: 140372
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 48.5 40.0 60.0



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

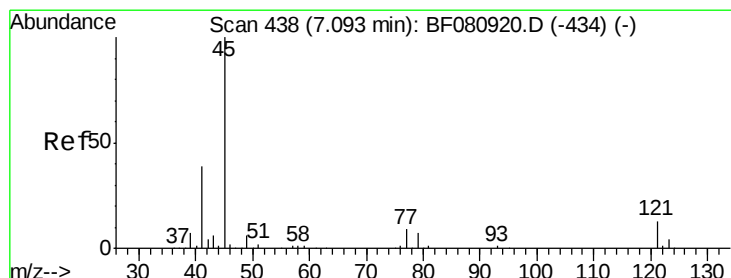
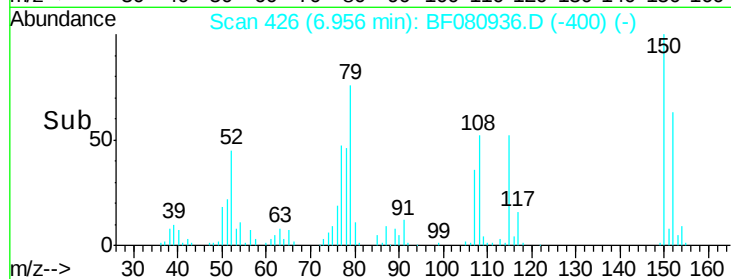
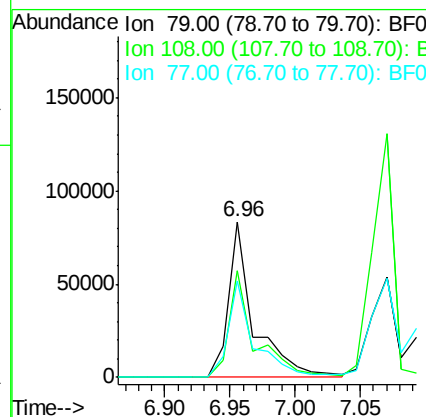
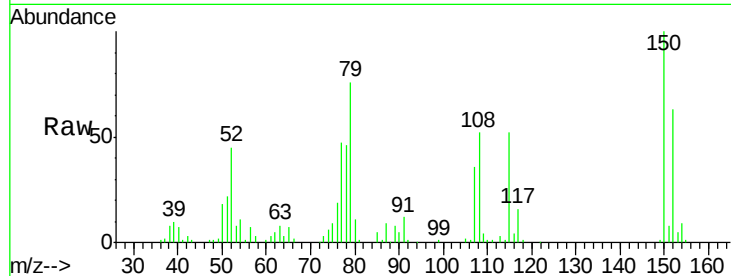




#15
Benzyl Alcohol
Concen: 31.40 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

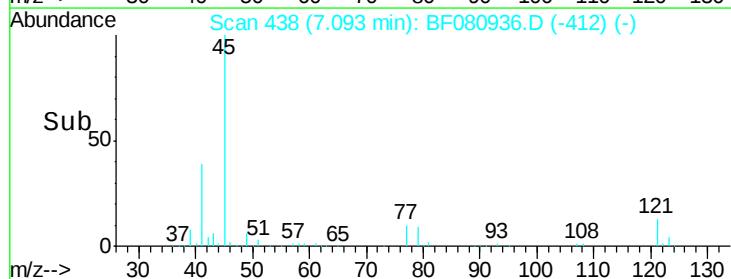
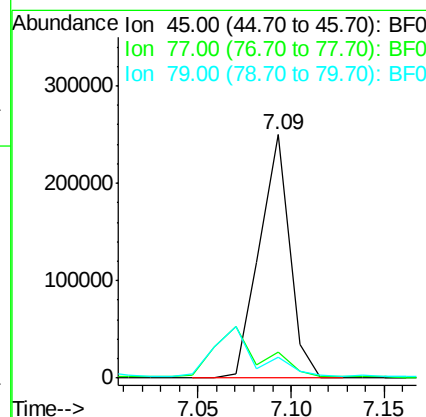
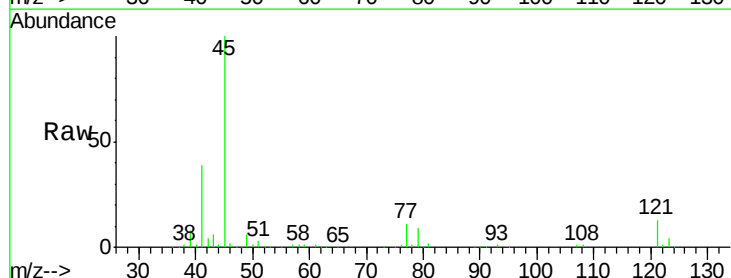
Instrument :
BNA_F
ClientSampleId :

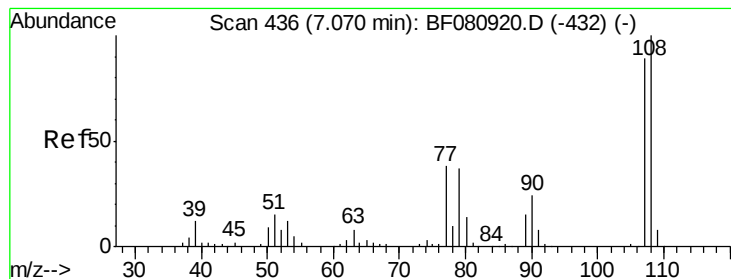
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.7	60.9	91.3
77	61.8	49.4	74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.03 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	29.6
79	8.7	0.0	27.7





#17

2-Methylphenol

Concen: 40.51 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 130767

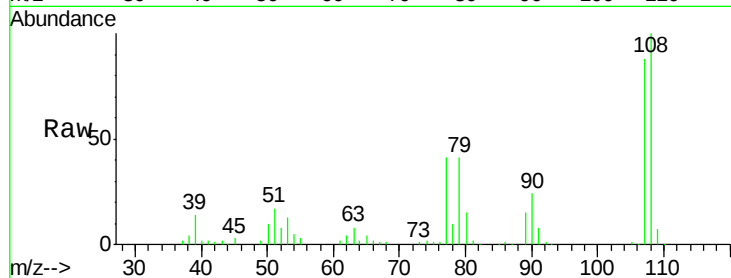
Ion Ratio Lower Upper

107 100

108 113.1 90.3 135.5

77 46.0 34.6 51.8

79 46.3 33.6 50.4

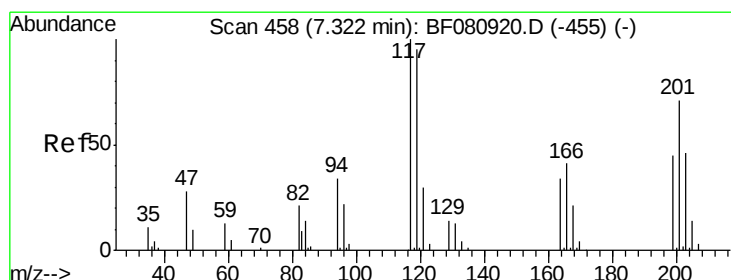
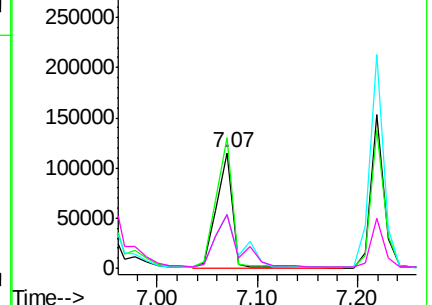
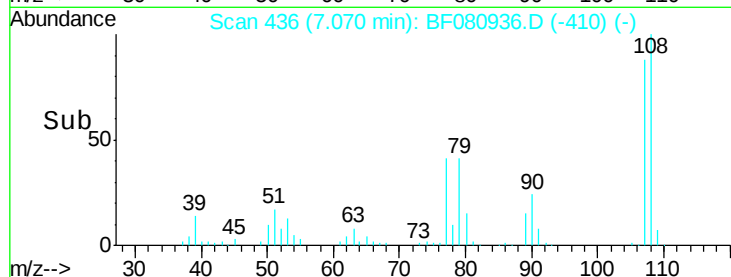


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.15 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

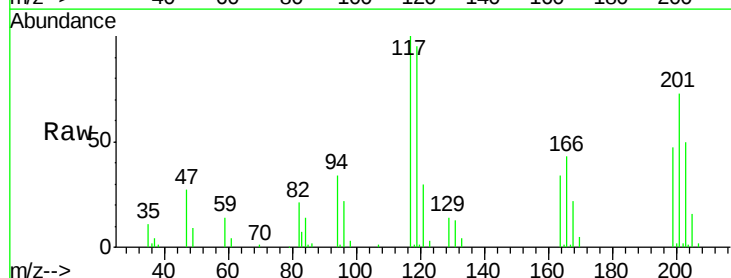
Tgt Ion:117 Resp: 56157

Ion Ratio Lower Upper

117 100

119 95.0 76.3 114.5

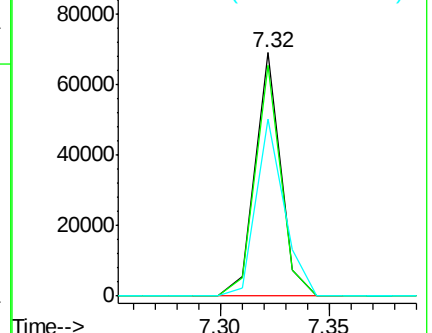
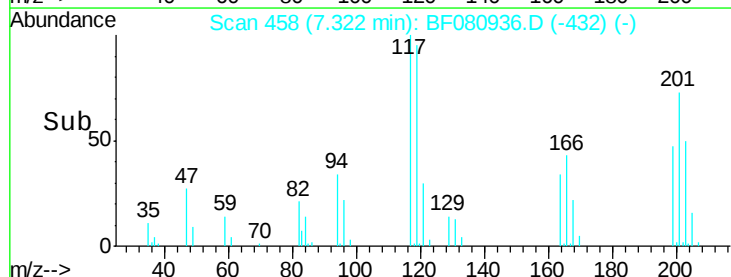
201 72.9 57.0 85.6

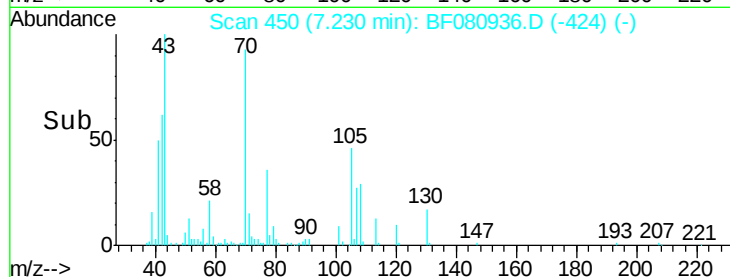
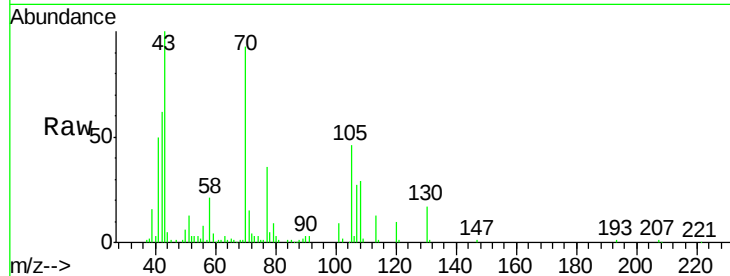
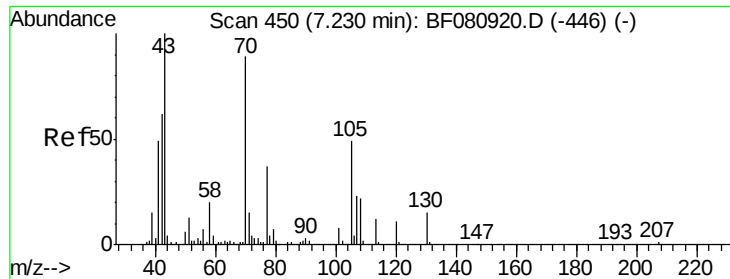


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

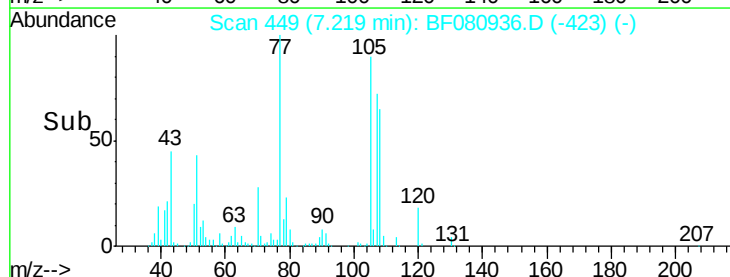
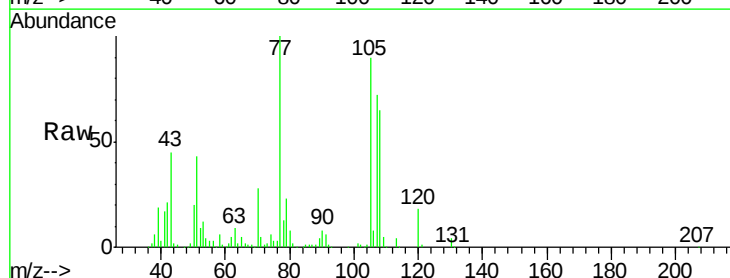
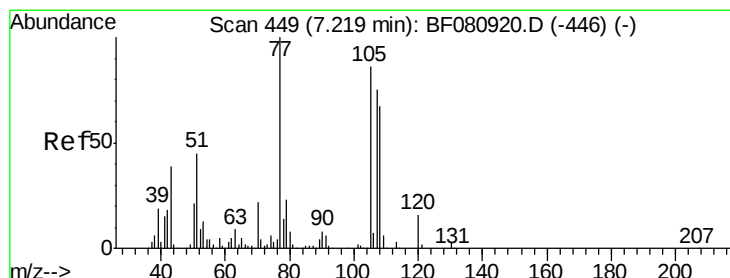
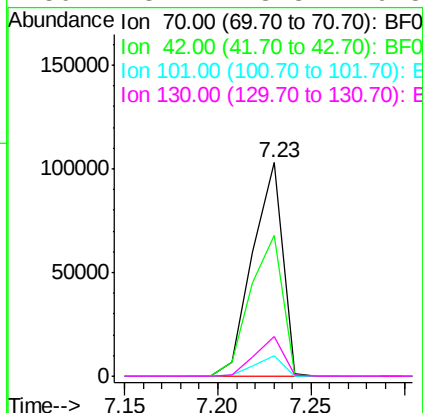




#19
n-Nitroso-di-n-propylamine
Concen: 35.75 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

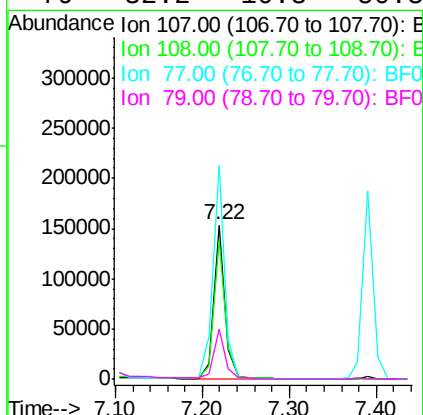
Instrument :
BNA_F
ClientSampleId :

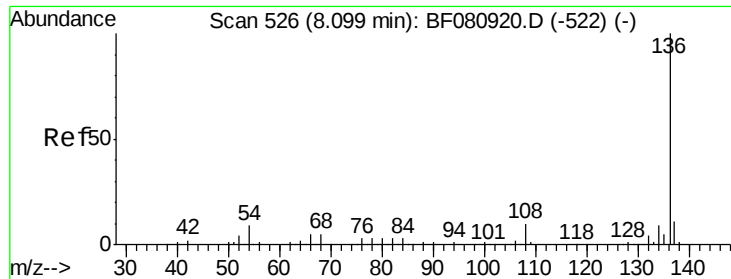
Tot Ion:	70	Resp:	117009
Ion	Ratio	Lower	Upper
70	100		
42	66.1	55.7	83.5
101	9.4	7.0	10.6
130	18.4	13.8	20.8



#20
3+4-Methylphenols
Concen: 34.88 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:	107	Resp:	141429
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.2	109.2
77	138.9	113.0	153.0
79	32.2	10.3	50.3

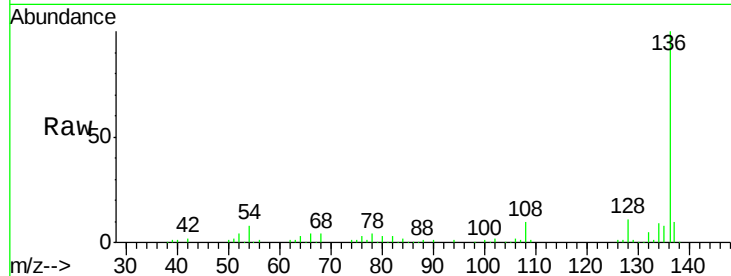




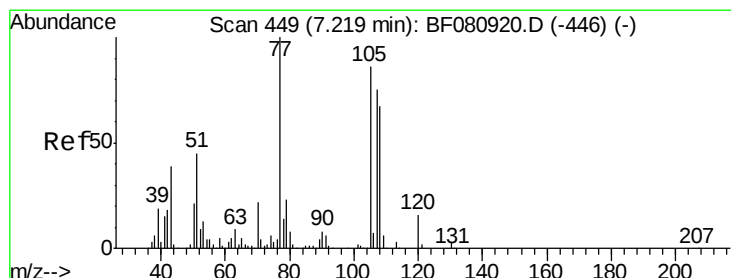
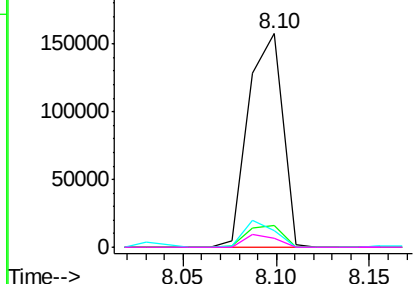
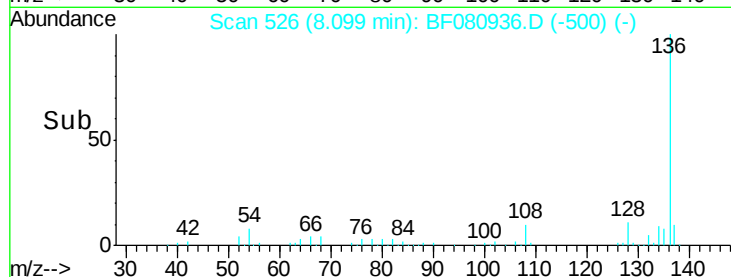
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	200831
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	7.9	7.1 10.7
68	4.2	3.8 5.8

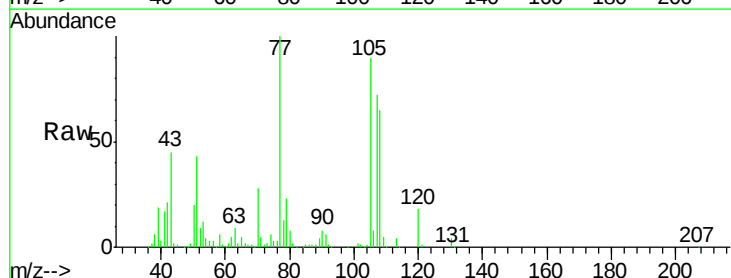


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

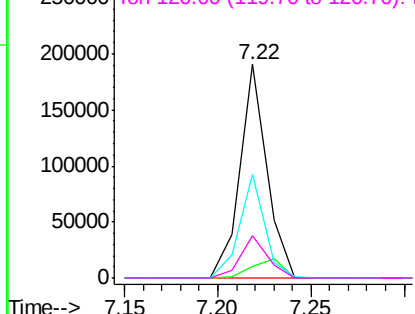
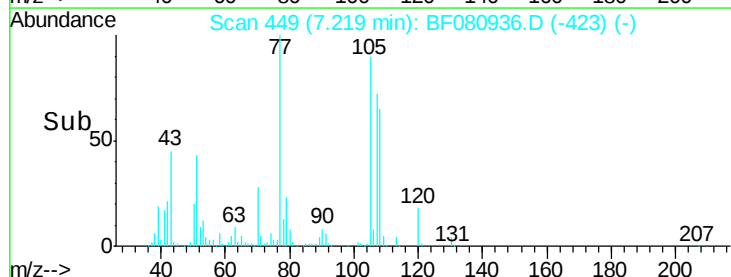


#22
Acetophenone
Concen: 39.12 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:105	Resp:	192520
Ion Ratio	Lower	Upper
105	100	
71	5.2	3.3 4.9#
51	48.3	41.8 62.6
120	19.8	15.1 22.7



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

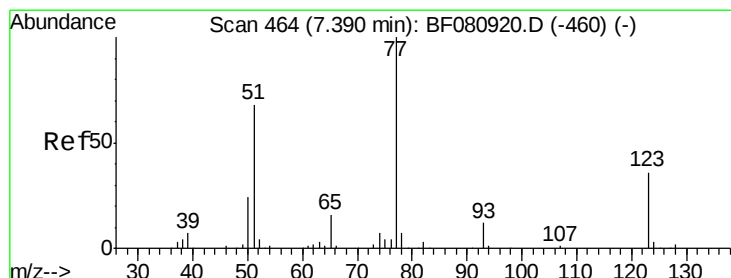
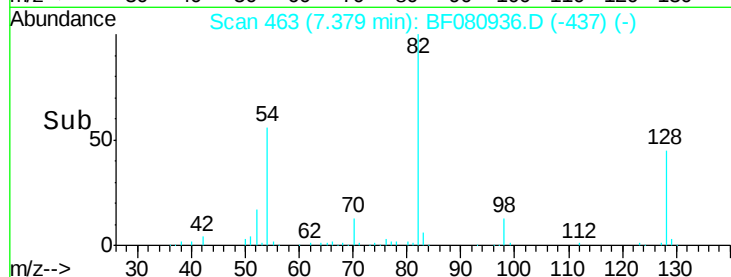
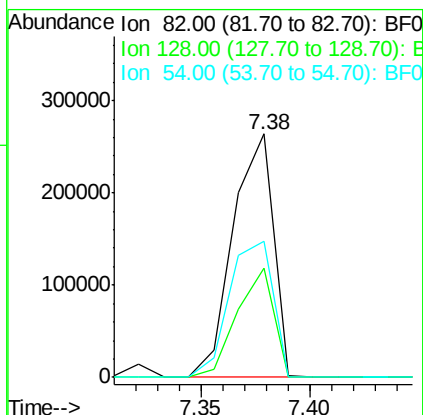
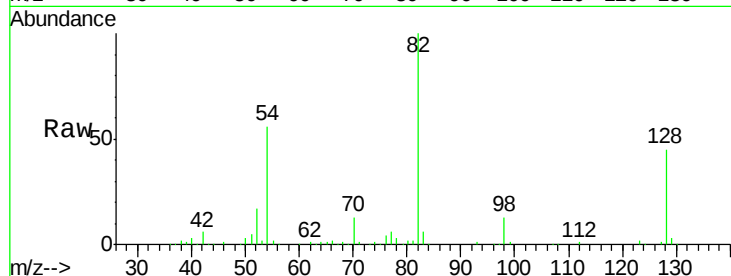




#23
 Nitrobenzene-d5
 Concen: 79.95 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

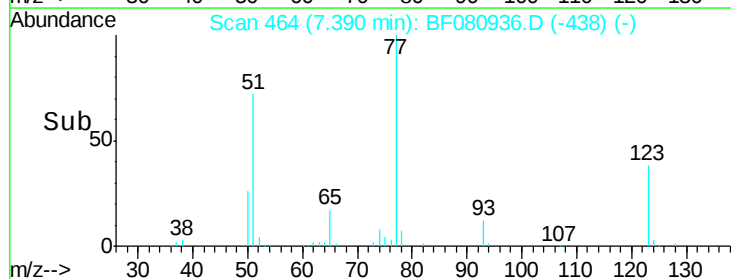
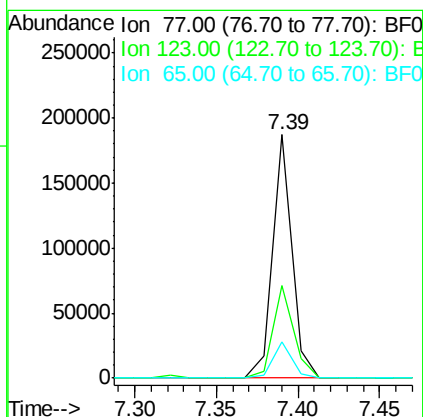
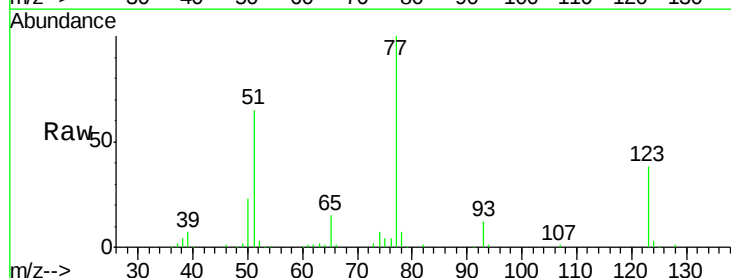
Instrument :
 BNA_F
 ClientSampled :

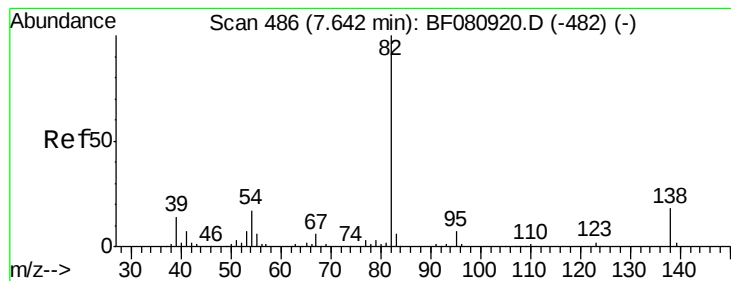
Tot Ion	82	Resp	339465
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.1	51.1
54	56.1	46.5	69.7



#24
 Nitrobenzene
 Concen: 35.55 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	77	Resp	155420
Ion Ratio	Lower	Upper	
77	100		
123	38.2	28.7	43.1
65	14.9	12.5	18.7





#25

Isophorone

Concen: 34.96 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

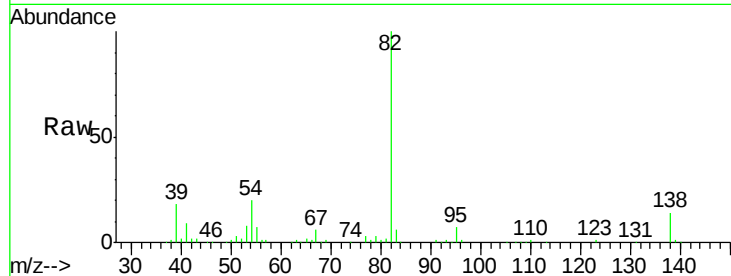
Tot Ion: 82 Resp: 285419

Ion Ratio Lower Upper

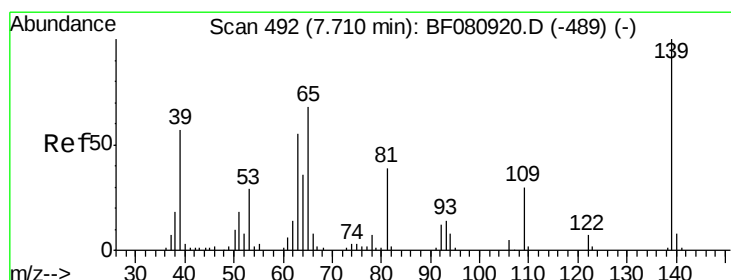
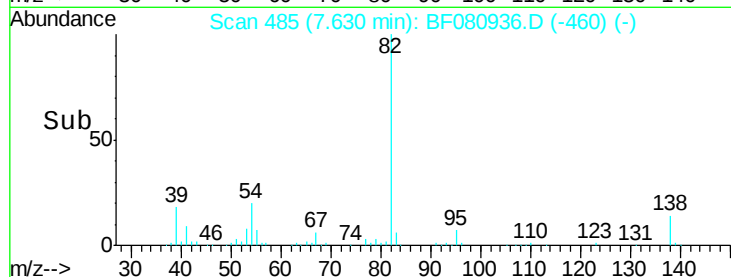
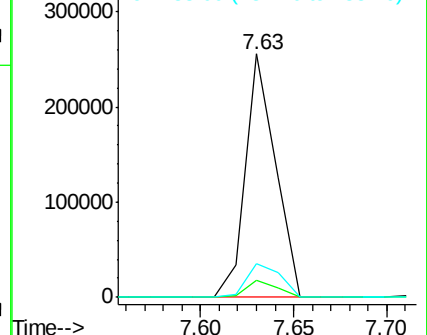
82 100

95 6.9 5.8 8.6

138 13.8 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.87 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

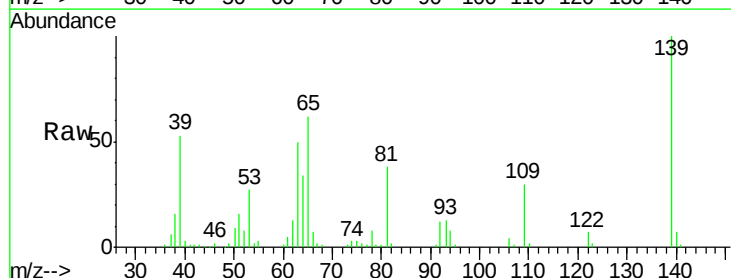
Tgt Ion: 139 Resp: 75169

Ion Ratio Lower Upper

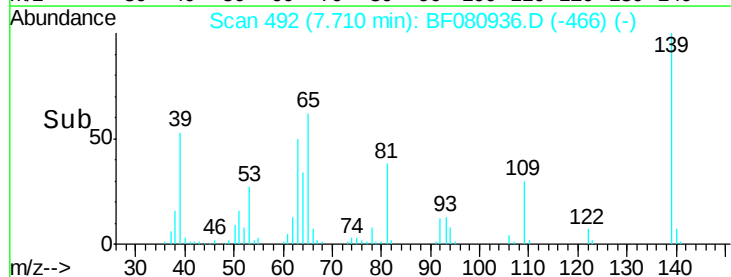
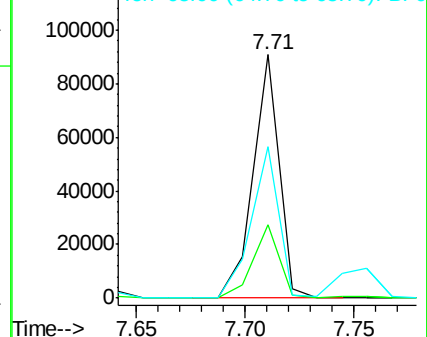
139 100

109 30.0 24.1 36.1

65 62.3 54.0 81.0



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

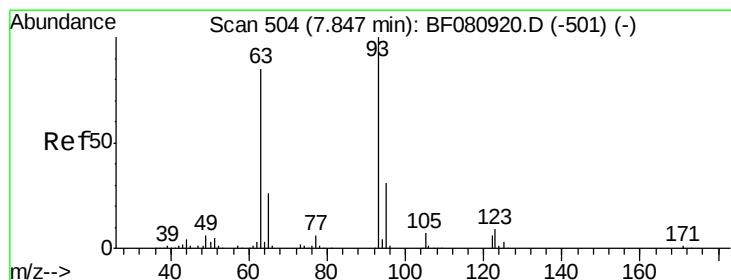
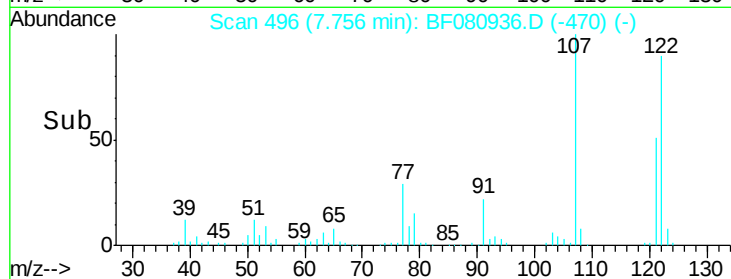
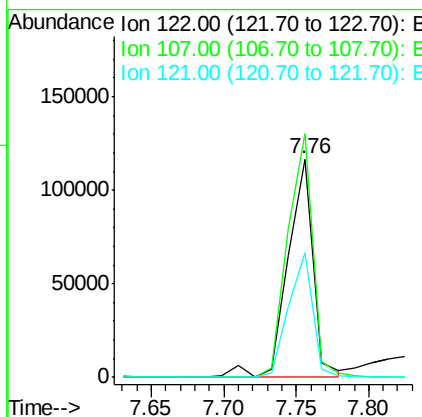
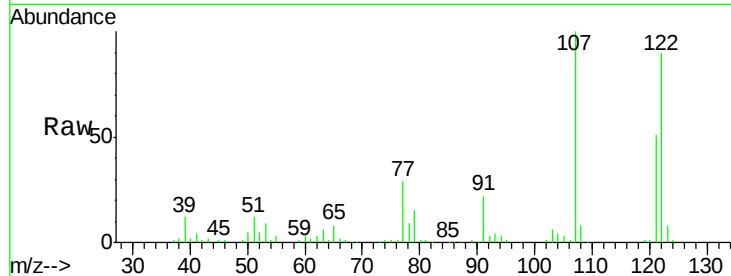




#27
 2,4-Dimethylphenol
 Concen: 40.68 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

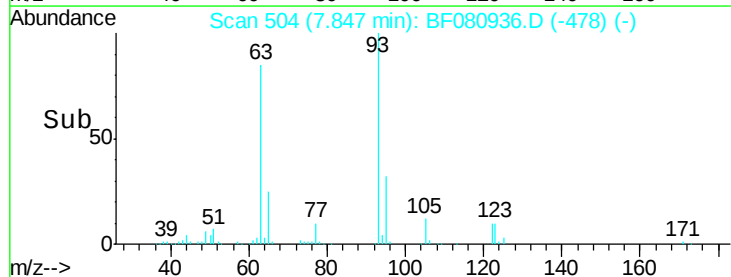
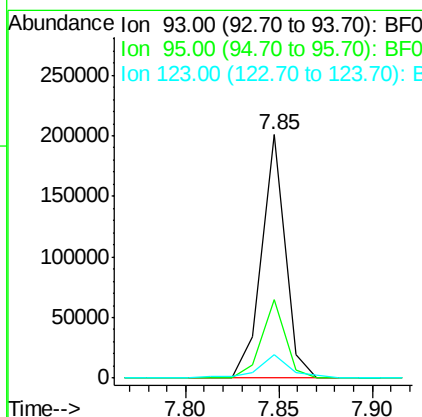
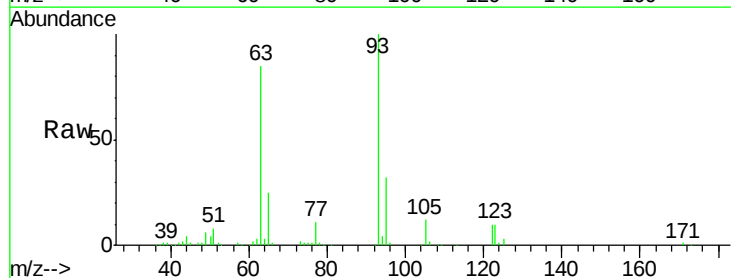
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 140099
 Ion Ratio Lower Upper
 122 100
 107 111.7 90.2 135.4
 121 57.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.73 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion: 93 Resp: 175126
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.0 37.4
 123 9.5 7.4 11.0

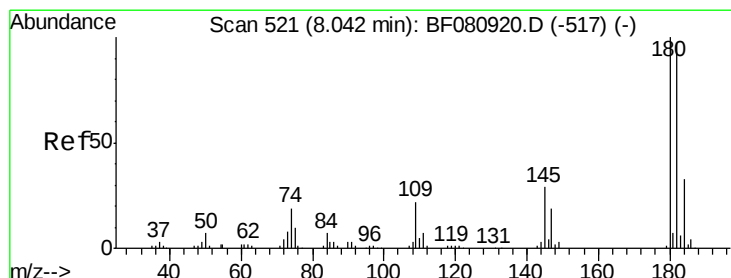
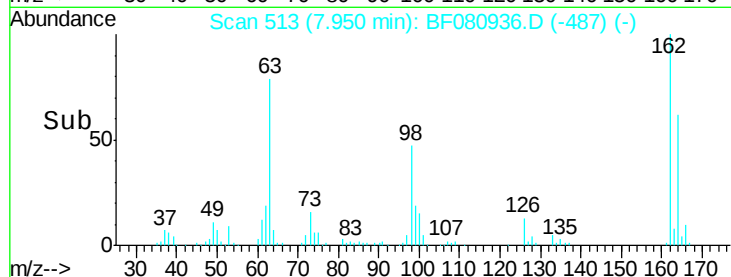
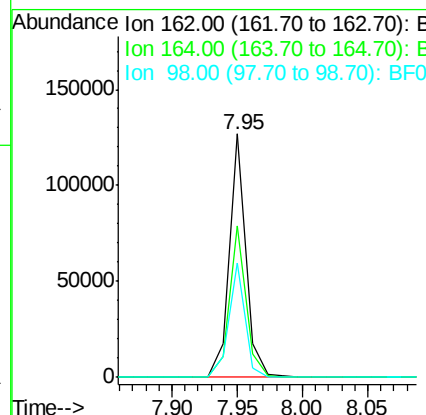
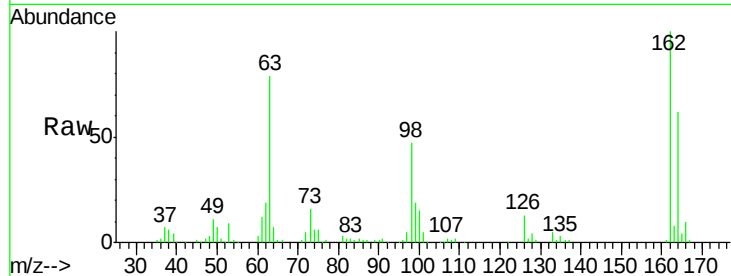




#29
 2,4-Dichlorophenol
 Concen: 39.99 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

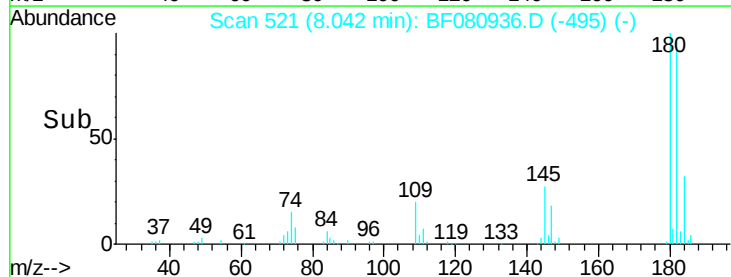
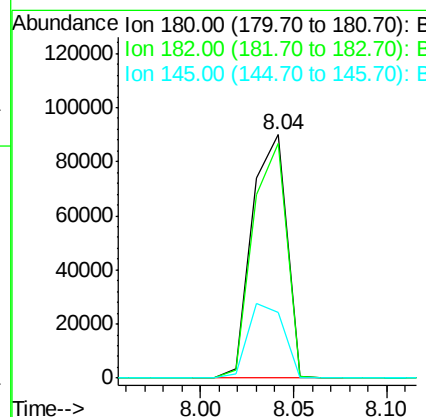
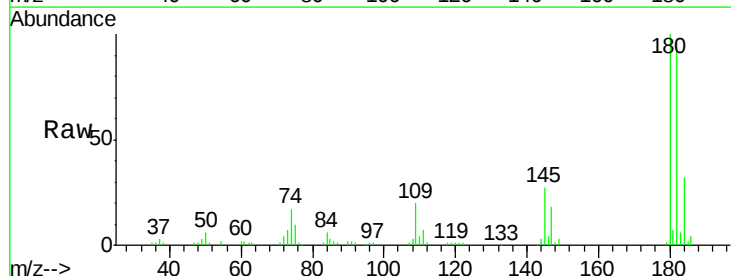
Instrument :
 BNA_F
 ClientSampleId :

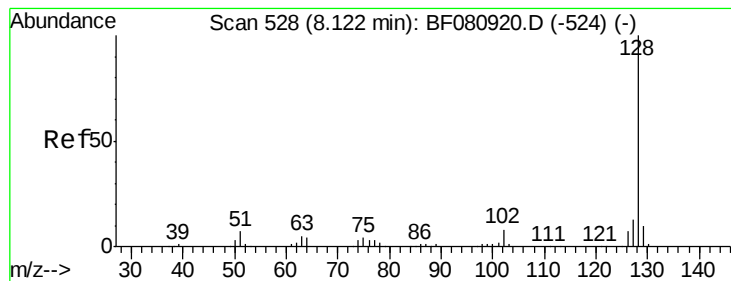
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.3	82.3
98	47.1	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.16 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.4	116.0
145	27.2	23.2	34.8





#31

Naphthalene

Concen: 35.64 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

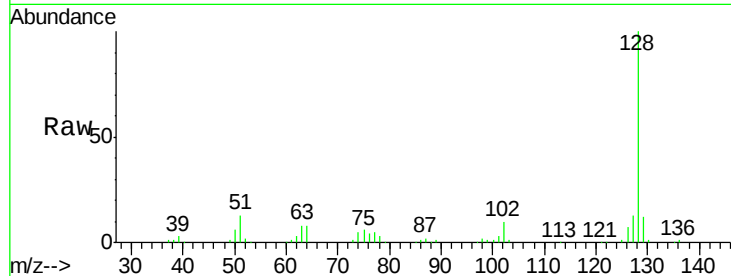
Tot Ion:128 Resp: 394513

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

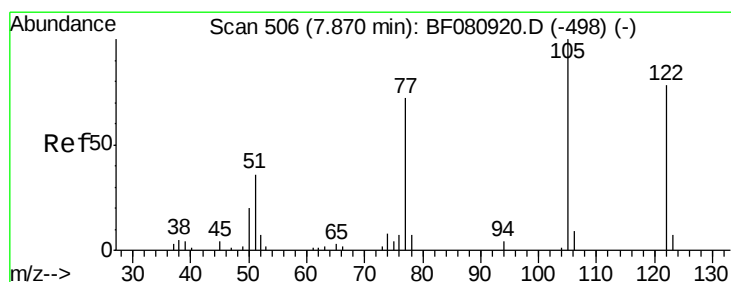
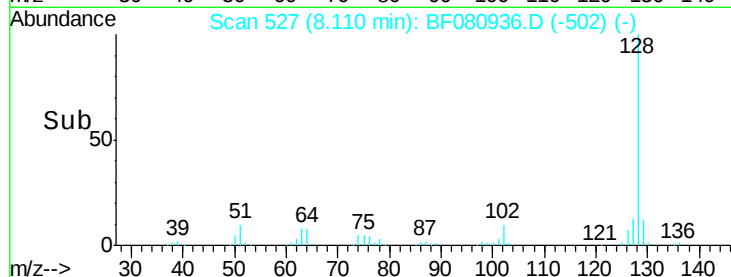
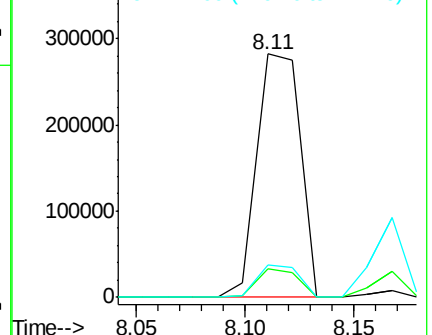
127 13.2 10.5 15.7



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: 44.39 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

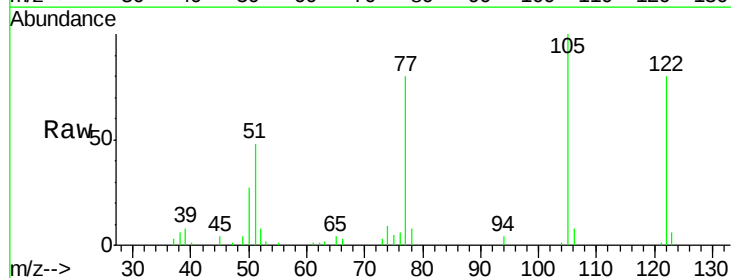
Tgt Ion:122 Resp: 91523

Ion Ratio Lower Upper

122 100

105 125.4 103.6 143.6

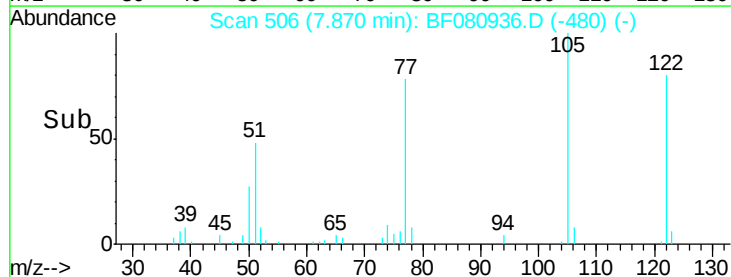
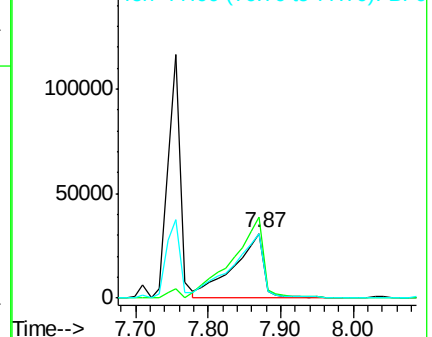
77 100.1 70.4 110.4



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

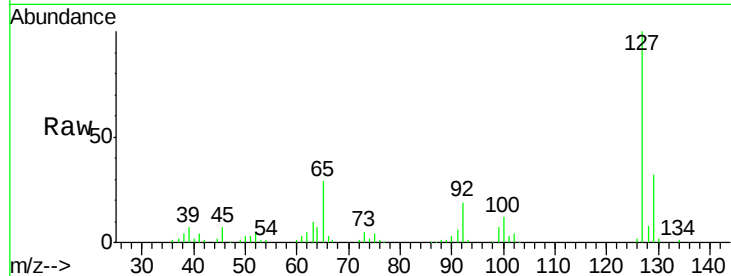




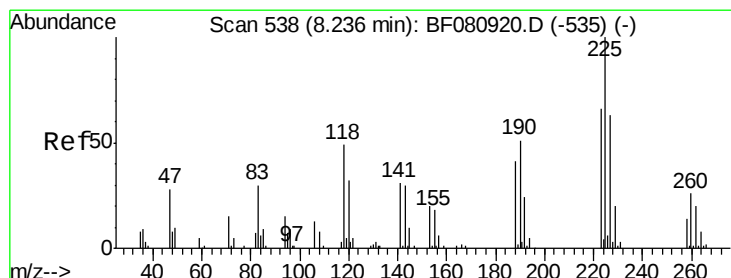
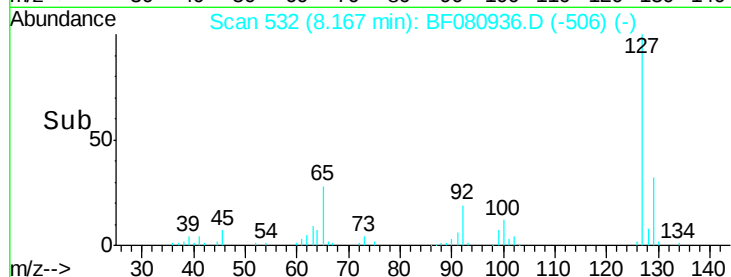
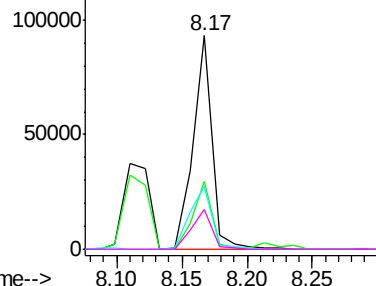
#33
4-Chloroaniline
Concen: 21.15 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	95162
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.2	30.6	45.8
92	18.5	16.9	25.3

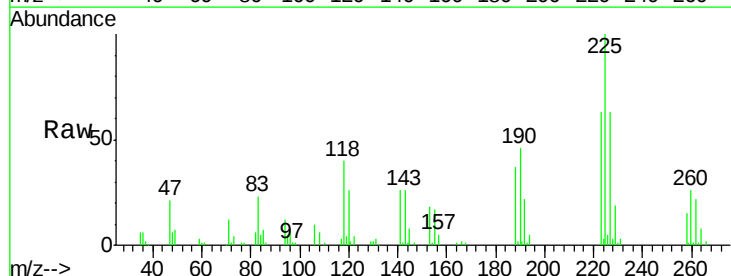


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

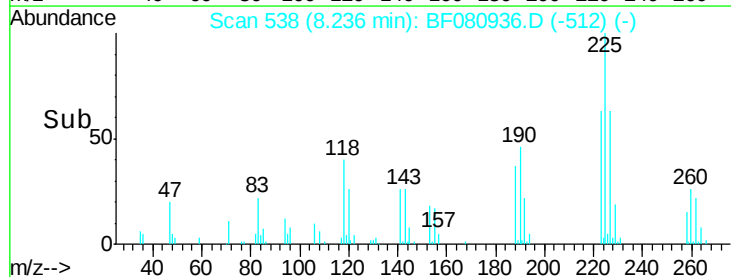
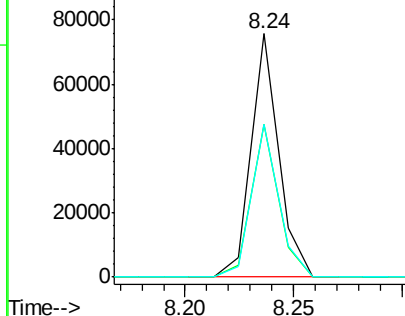


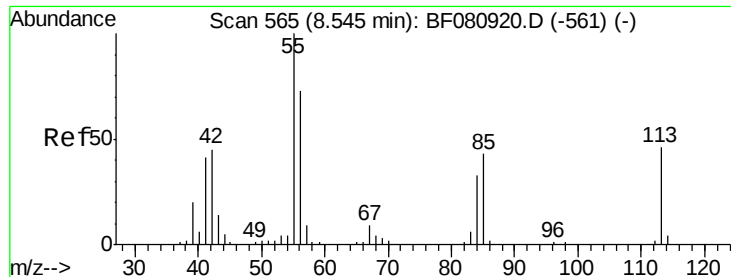
#34
Hexachlorobutadiene
Concen: 36.16 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:	225	Resp:	66555
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.5	78.7
227	62.6	50.3	75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.18 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

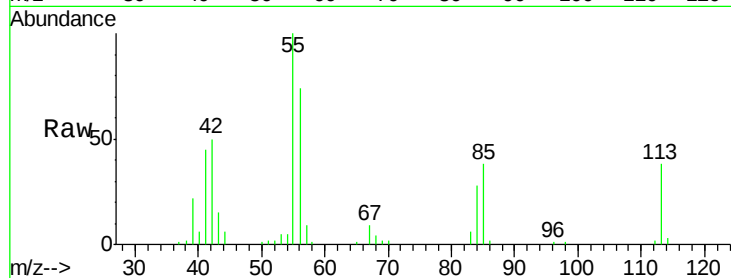
Tot Ion:113 Resp: 29705

Ion Ratio Lower Upper

113 100

55 261.4 196.4 236.4#

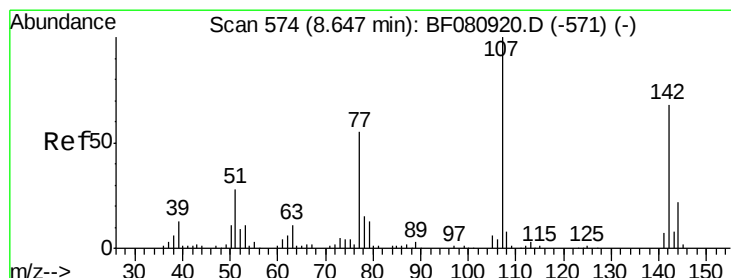
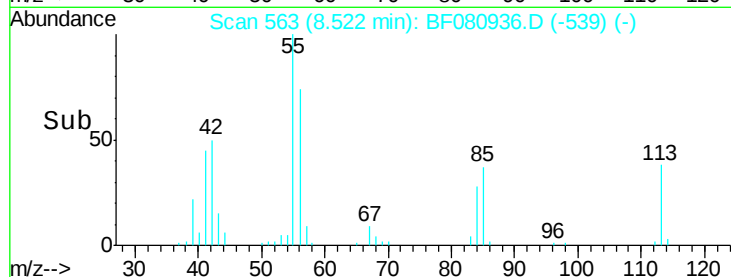
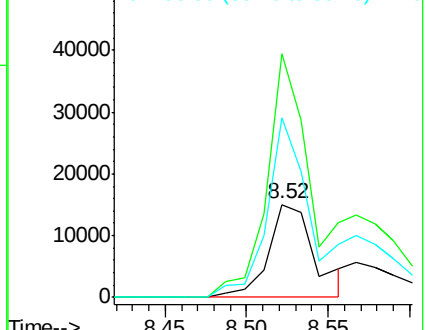
56 192.9 137.9 177.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.66 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

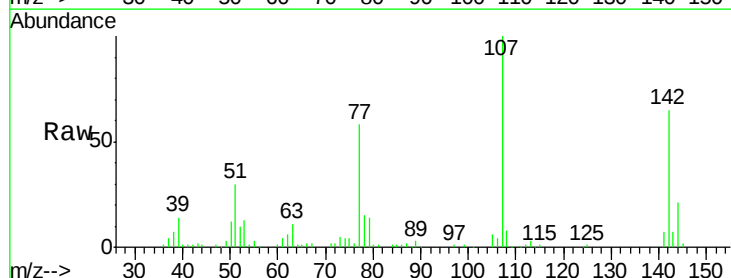
Tgt Ion:107 Resp: 133481

Ion Ratio Lower Upper

107 100

144 20.7 17.3 25.9

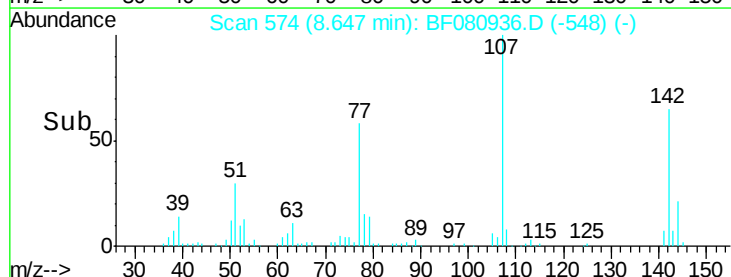
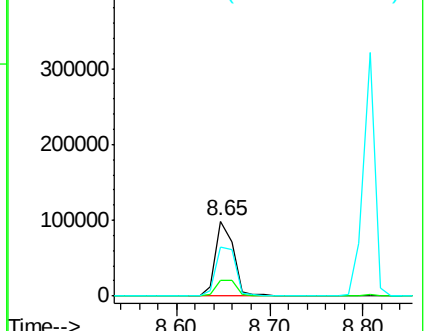
142 65.0 54.4 81.6

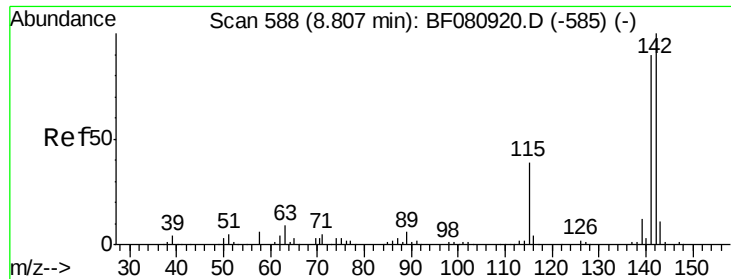


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

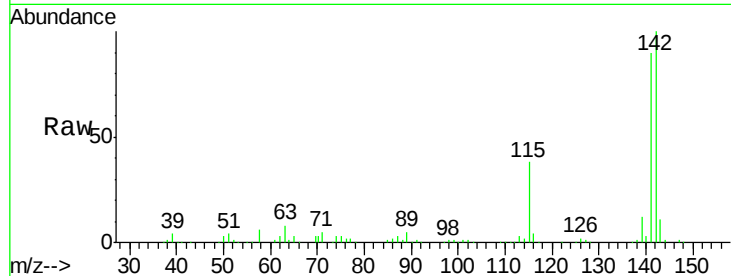




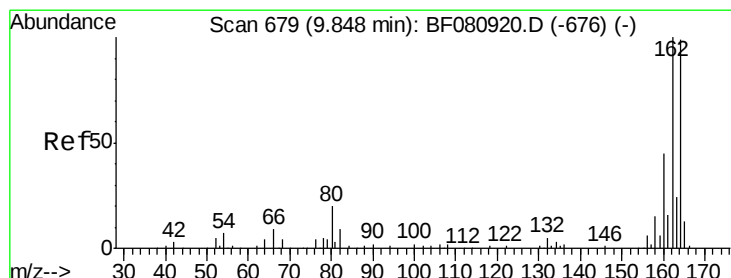
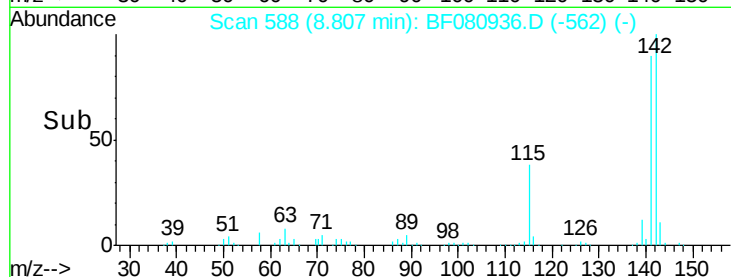
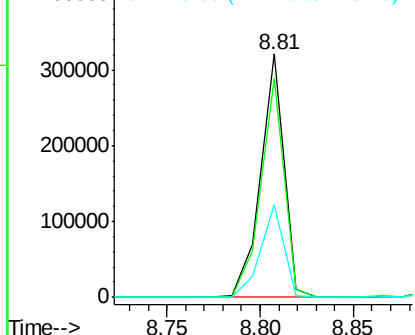
#37
 2-Methylnaphthalene
 Concen: 39.27 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 276699
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 37.8 30.9 46.3

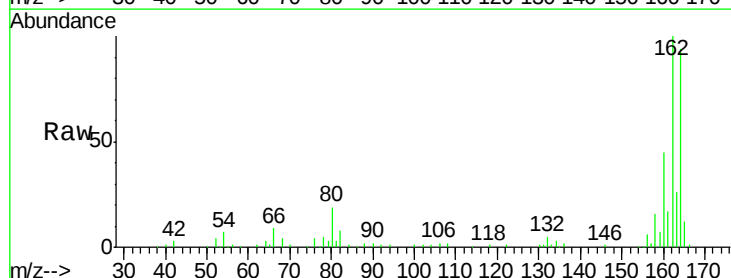


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

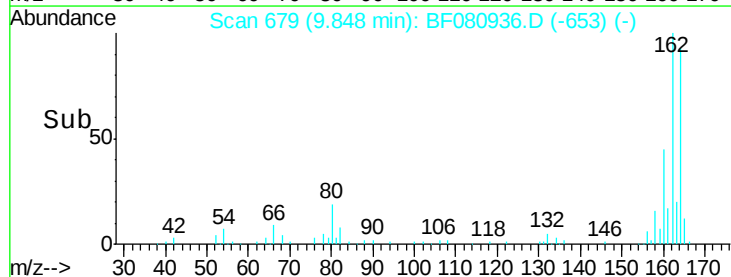
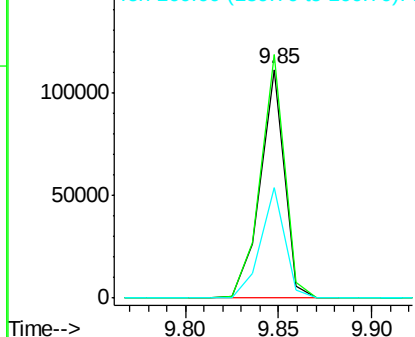


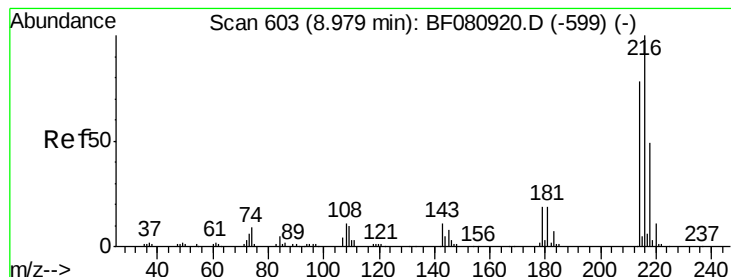
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:164 Resp: 98616
 Ion Ratio Lower Upper
 164 100
 162 106.5 80.5 120.7
 160 48.2 36.6 54.8



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: 34.95 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 106241

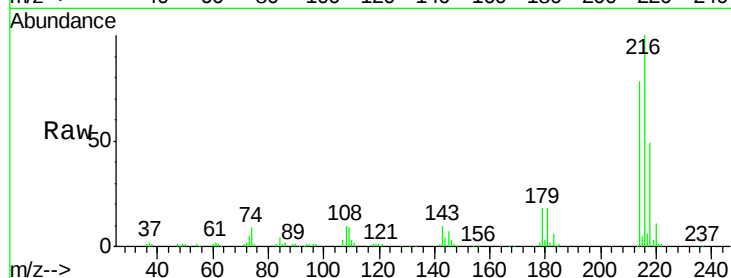
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.0 17.2 25.8

108 22.3 16.1 24.1

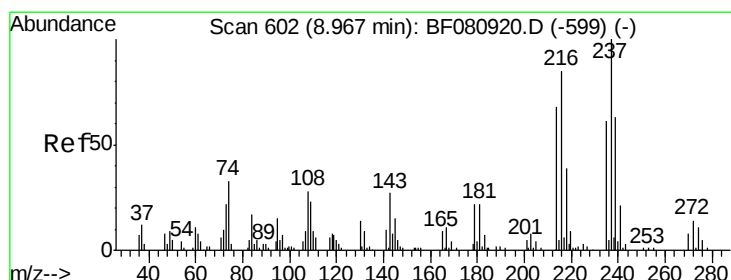
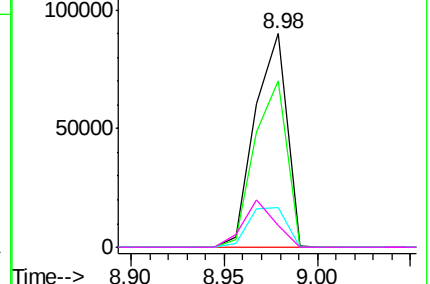
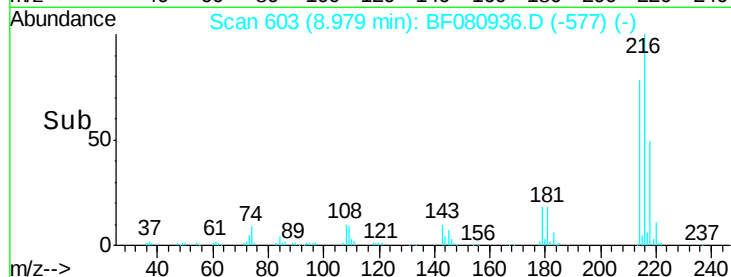


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.99 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

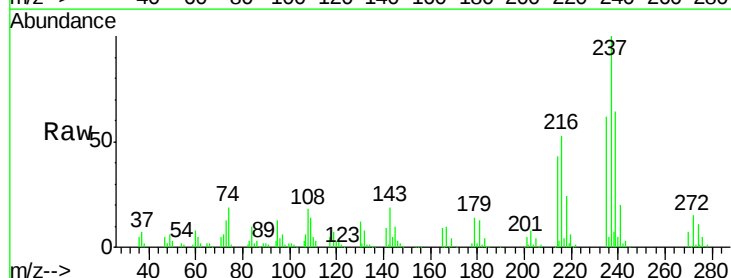
Tgt Ion:237 Resp: 122751

Ion Ratio Lower Upper

237 100

235 61.7 41.3 81.3

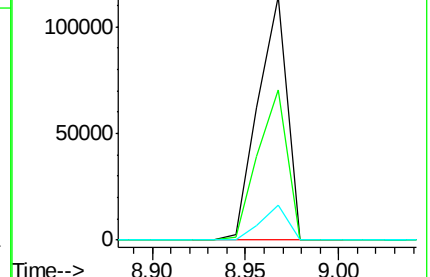
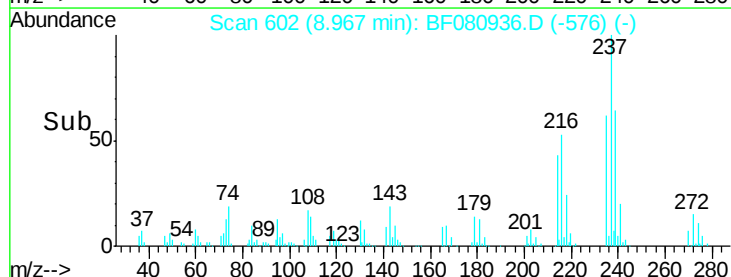
272 14.5 0.0 33.6

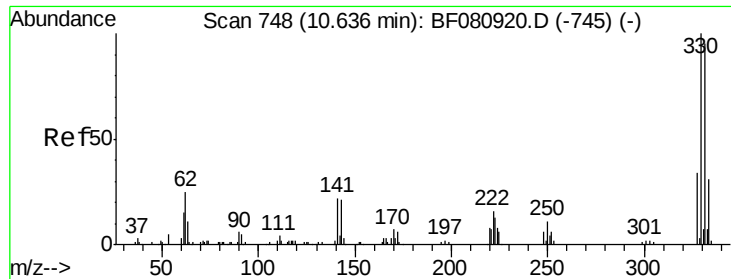


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

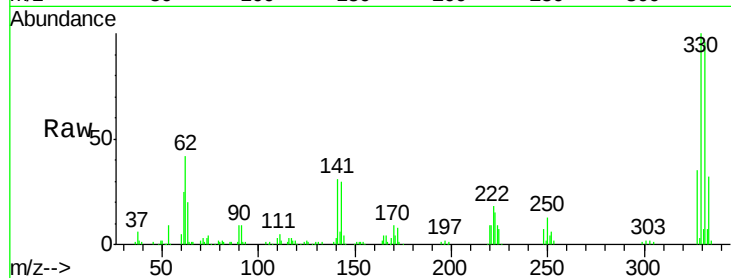




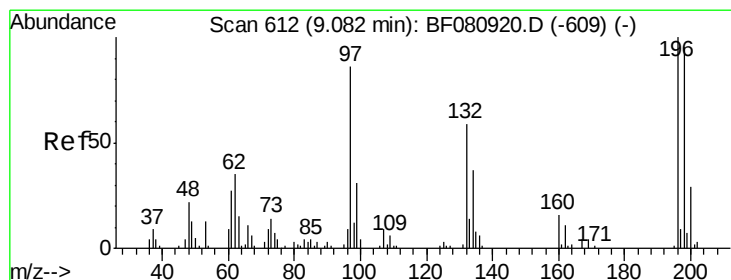
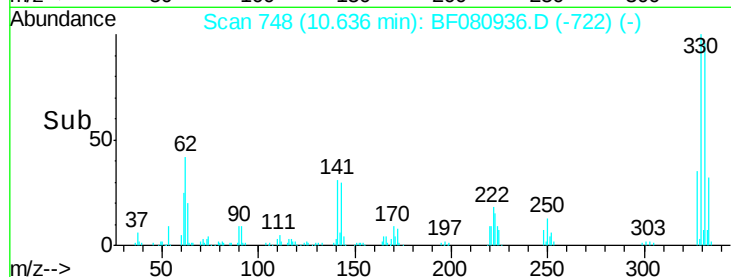
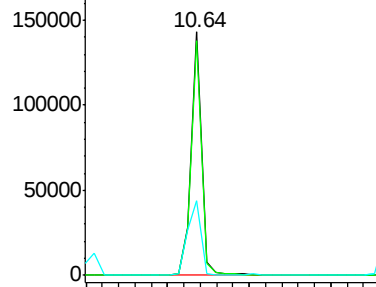
#41
 2,4,6-Tribromophenol
 Concen: 117.90 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	39.9	27.8	41.8

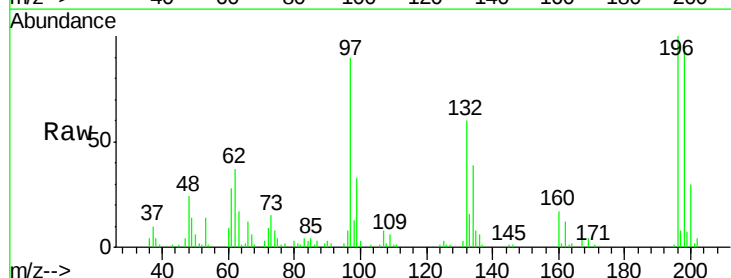


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

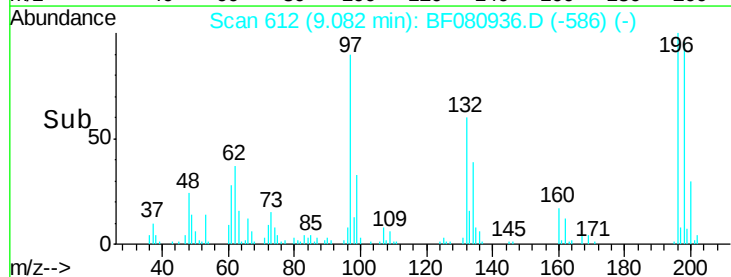
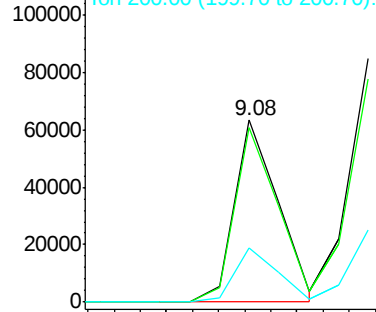


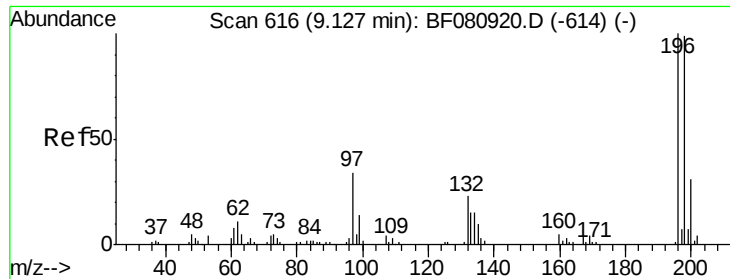
#42
 2,4,6-Trichlorophenol
 Concen: 33.07 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.9	113.9
200	30.0	23.1	34.7



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

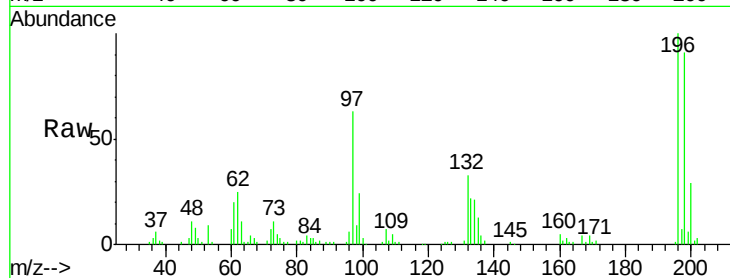




#43
 2,4,5-Trichlorophenol
 Concen: 39.93 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	78.9	118.3
97	62.6	29.1	43.7#
132	33.3	19.1	28.7#



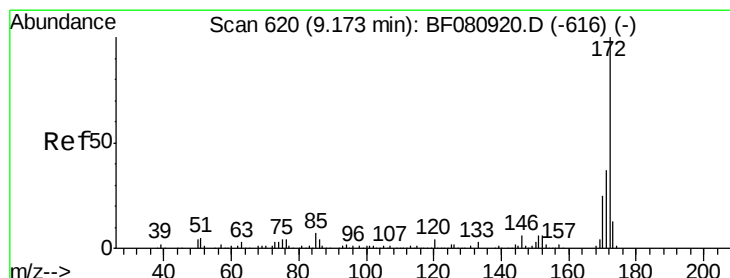
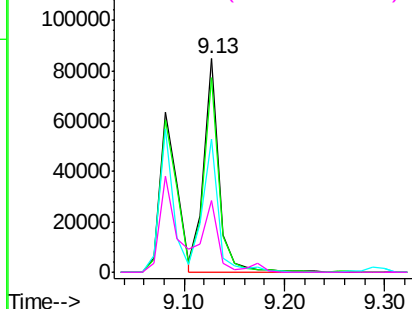
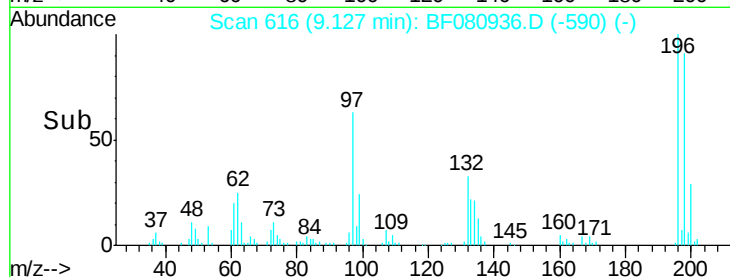
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

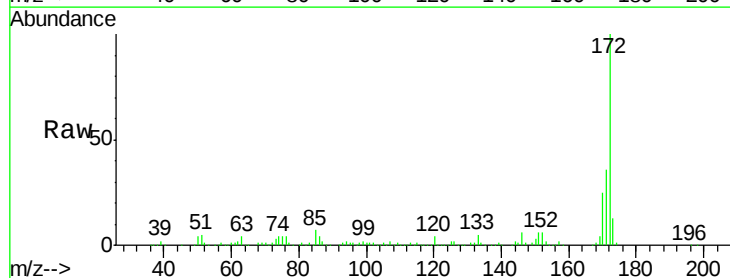
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.75 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	19.7	29.5

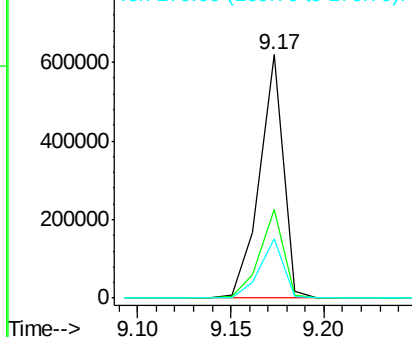
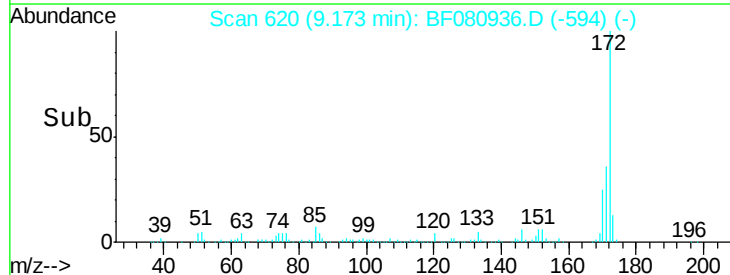


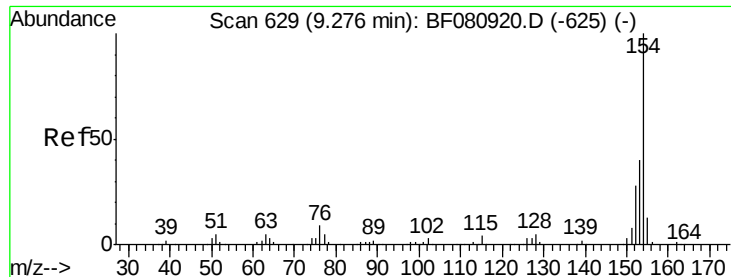
Abundance

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

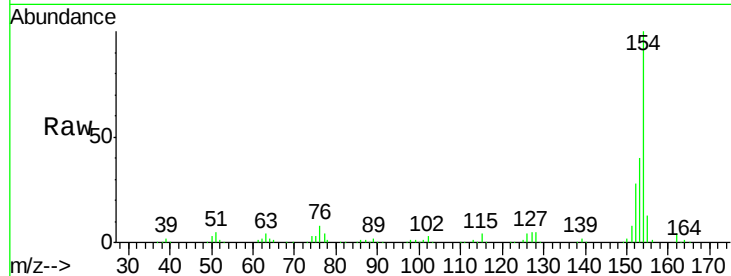




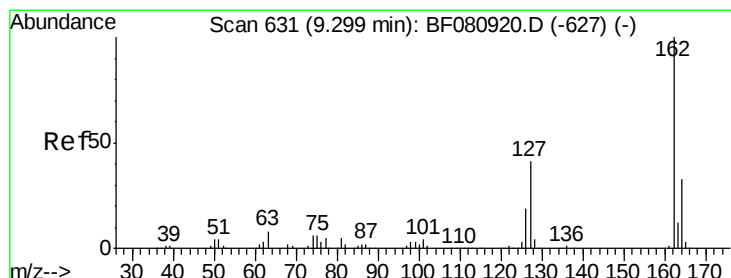
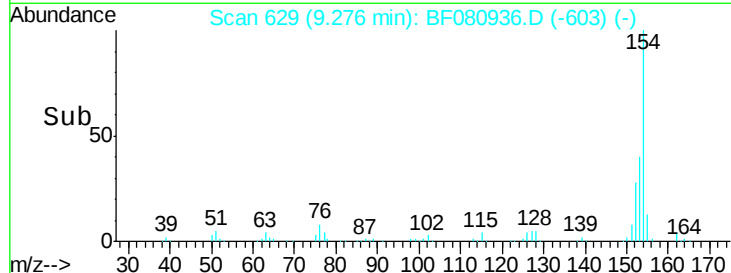
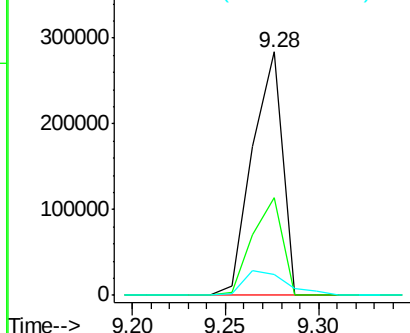
#45
 1,1'-Biphenyl
 Concen: 38.01 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 321726
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.1 60.1
 76 8.5 0.0 29.3

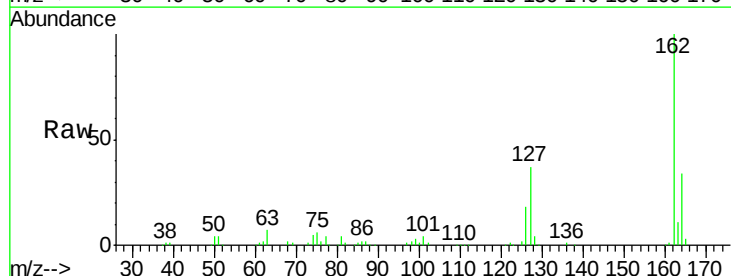


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

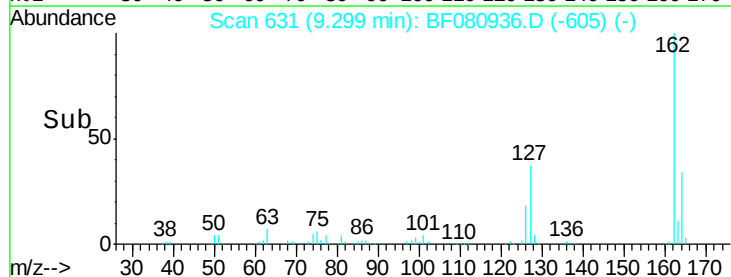
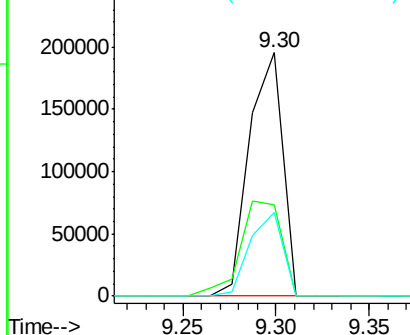


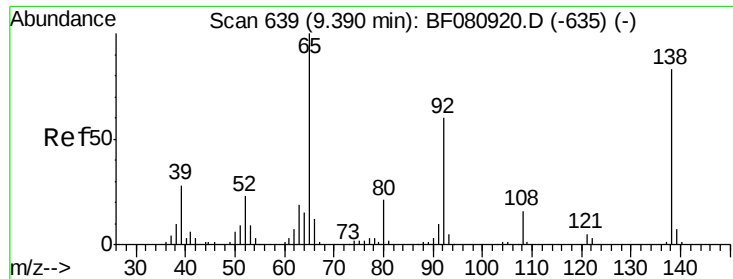
#46
 2-Chloronaphthalene
 Concen: 36.81 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:162 Resp: 242874
 Ion Ratio Lower Upper
 162 100
 127 37.2 32.5 48.7
 164 34.1 26.2 39.4



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

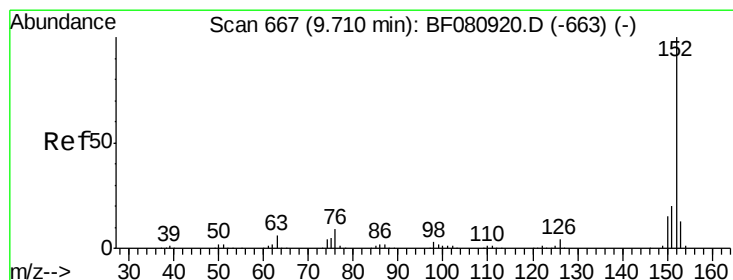
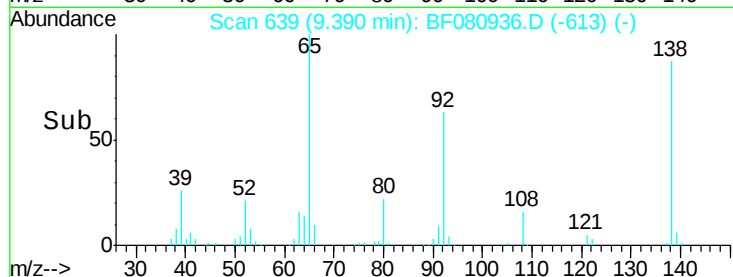
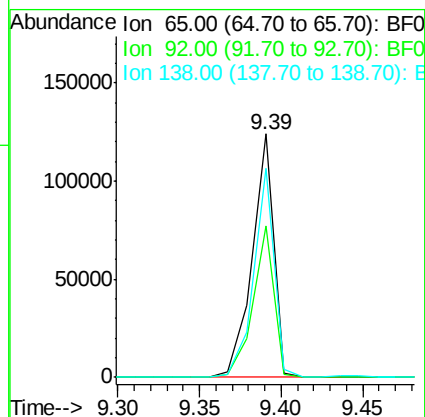
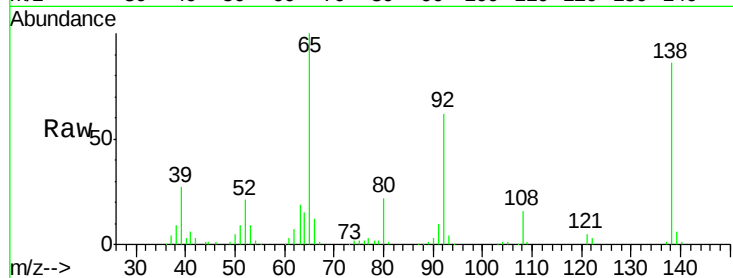




#47
 2-Nitroaniline
 Concen: 42.94 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

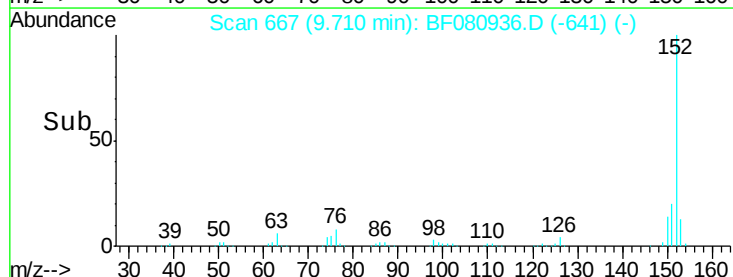
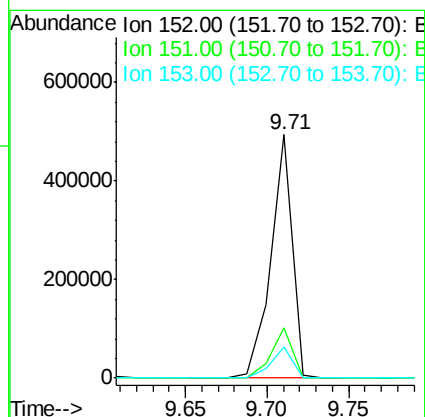
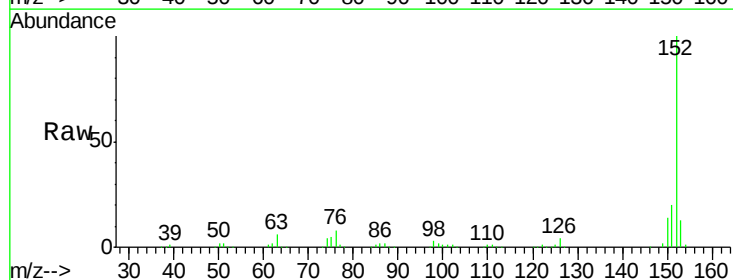
Instrument :
 BNA_F
 ClientSampleId :

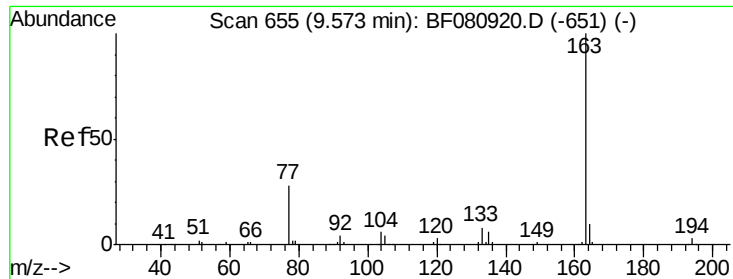
Tot Ion: 65 Resp: 113620
 Ion Ratio Lower Upper
 65 100
 92 62.4 48.0 72.0
 138 86.1 66.1 99.1



#48
 Acenaphthylene
 Concen: 39.35 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion: 152 Resp: 451402
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 12.9 10.5 15.7

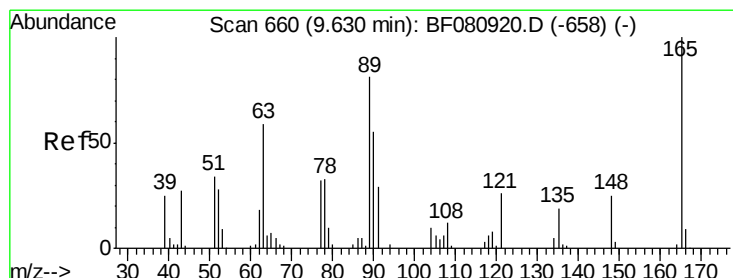
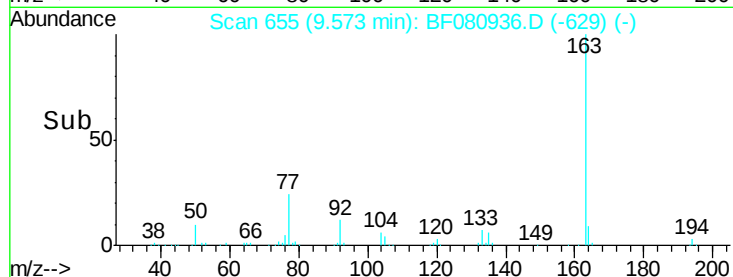
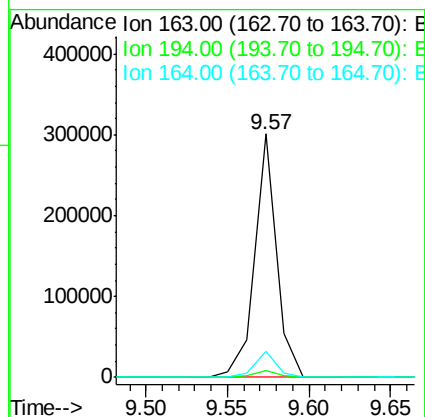
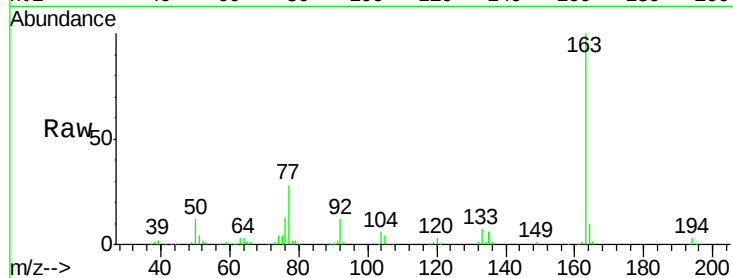




#49
Dimethylphthalate
Concen: 34.31 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

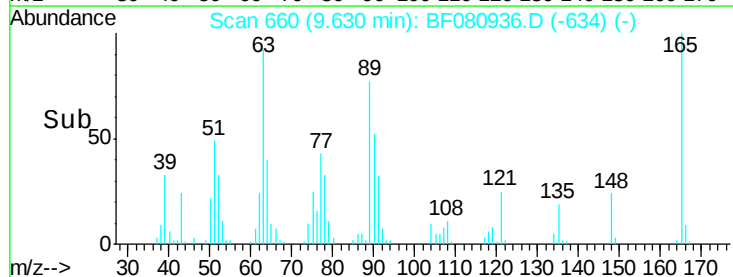
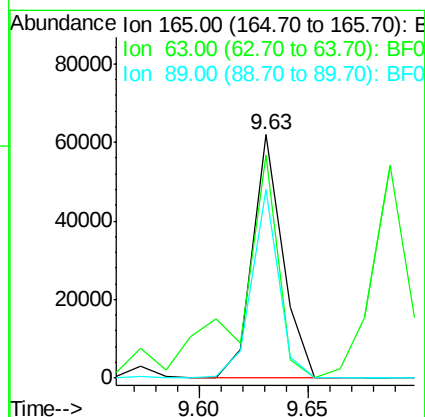
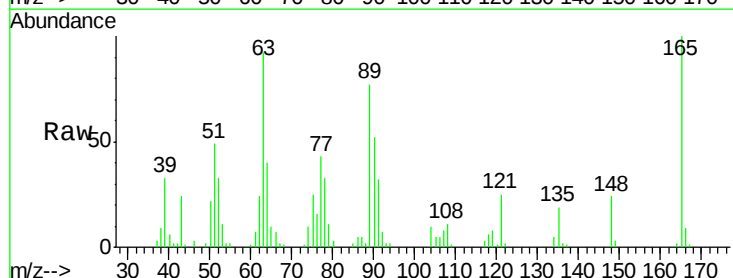
Instrument :
BNA_F
ClientSampleId :

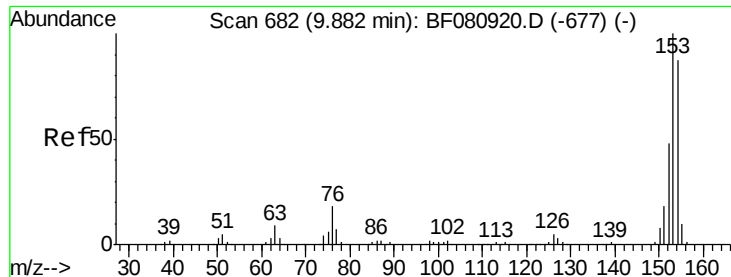
Tot Ion:163 Resp: 281087
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 35.30 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:165 Resp: 59738
Ion Ratio Lower Upper
165 100
63 91.5 77.6 116.4
89 77.3 64.5 96.7





#51

Acenaphthene

Concen: 42.67 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

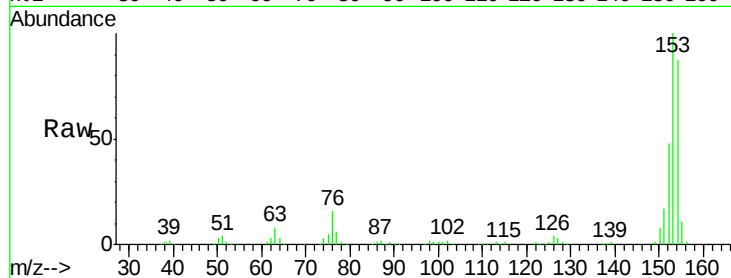
Tot Ion:154 Resp: 299809

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

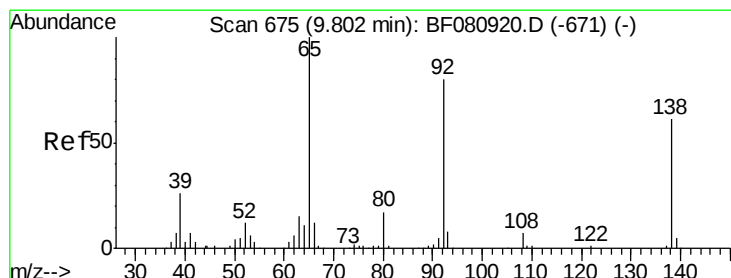
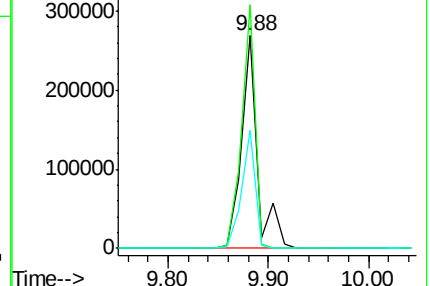
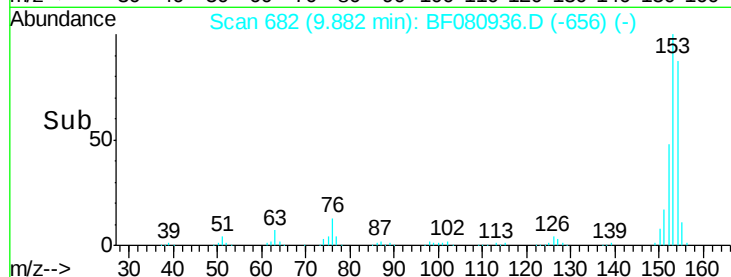
152 55.3 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.66 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

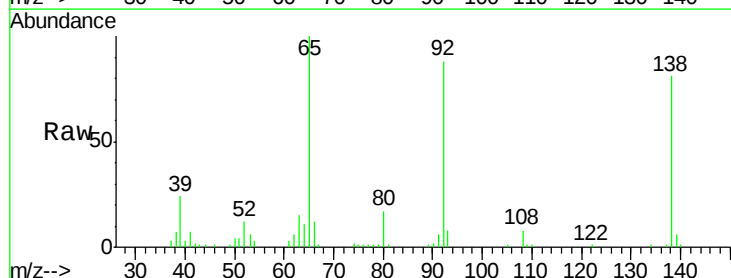
Tgt Ion:138 Resp: 55618

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

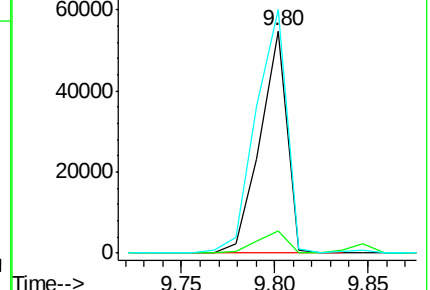
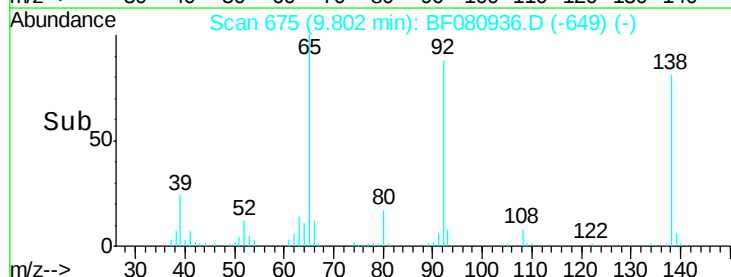
92 109.6 104.4 156.6

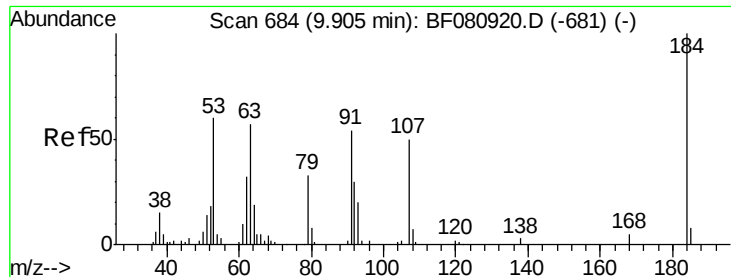


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

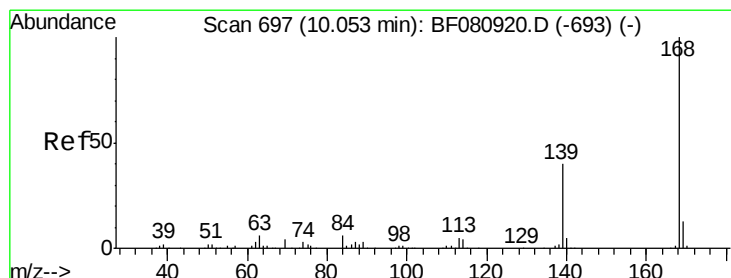
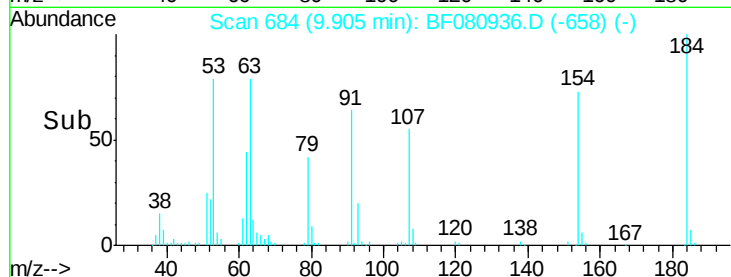
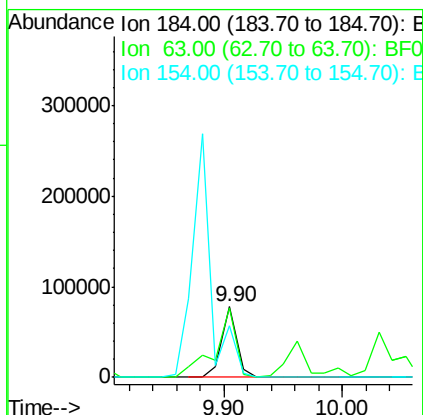
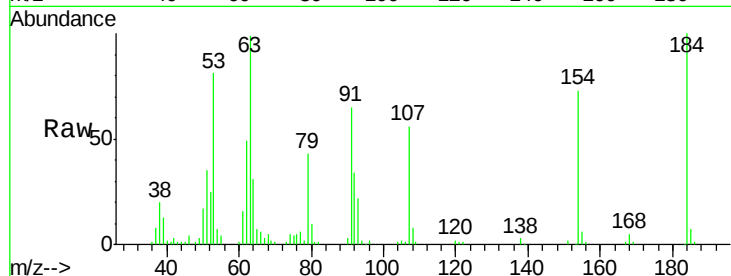




#53
2,4-Dinitrophenol
Concen: 68.51 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

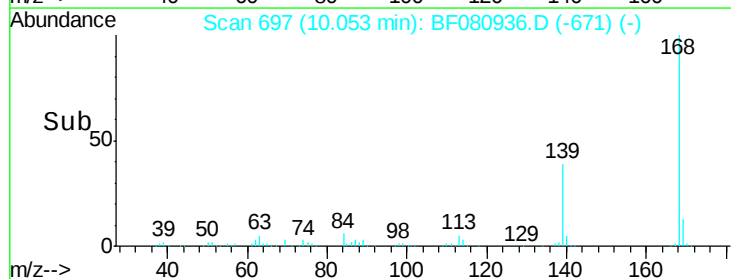
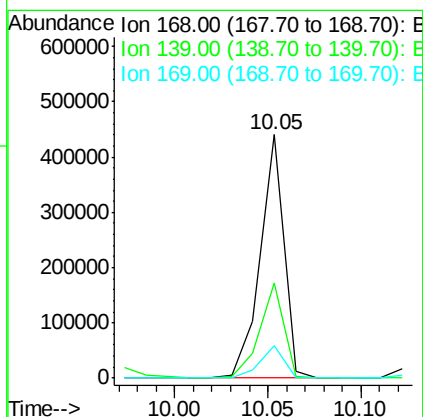
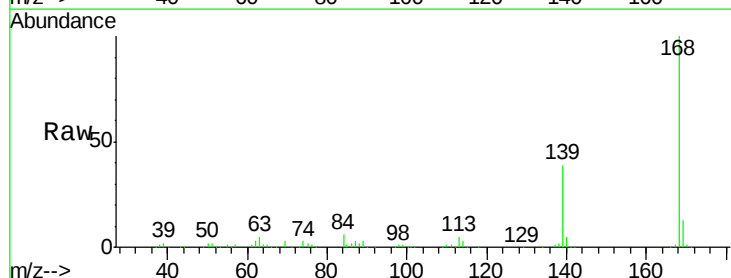
Instrument :
BNA_F
ClientSampled :

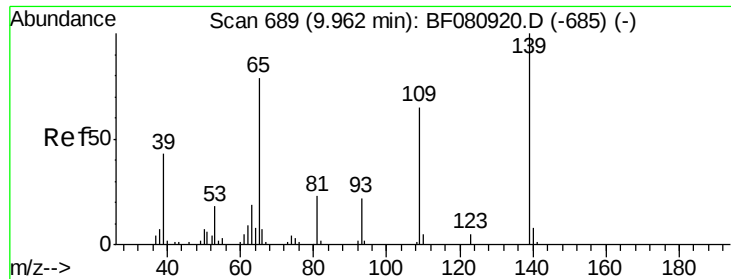
Tot Ion:184 Resp: 69456
Ion Ratio Lower Upper
184 100
63 98.6 59.7 89.5#
154 73.3 53.8 80.8



#54
Dibenzofuran
Concen: 40.48 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:168 Resp: 384581
Ion Ratio Lower Upper
168 100
139 39.0 31.9 47.9
169 13.2 10.6 15.8

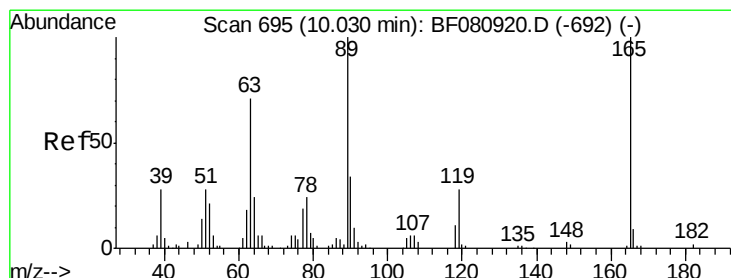
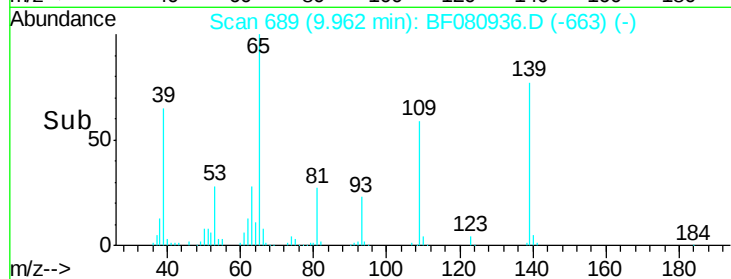
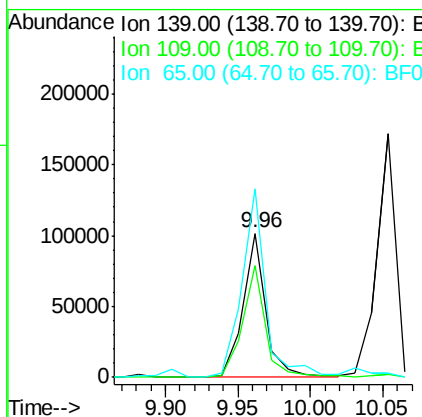
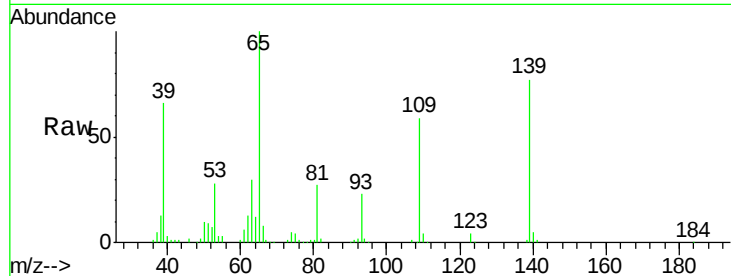




#55
4-Nitrophenol
Concen: 71.81 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

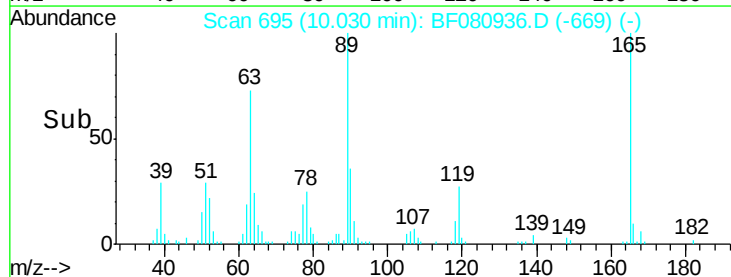
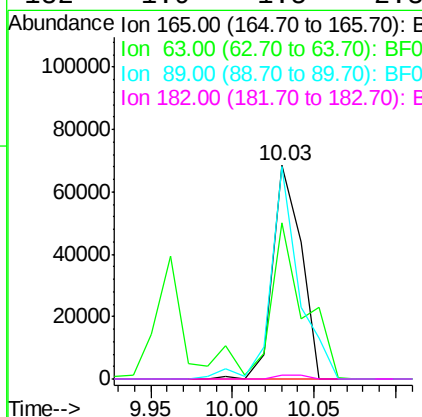
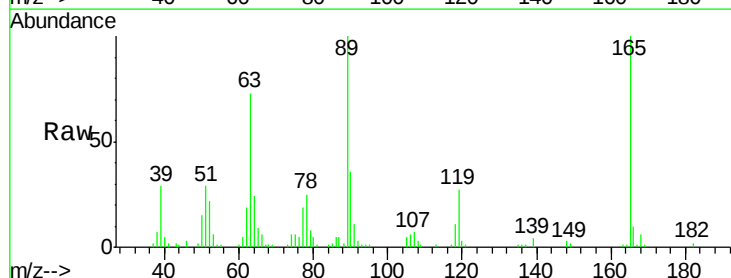
Instrument :
BNA_F
ClientSampleId :

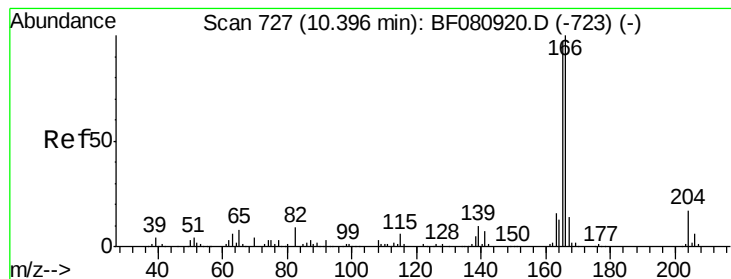
Tot Ion:139 Resp: 112150
Ion Ratio Lower Upper
139 100
109 77.4 44.7 84.7
65 130.7 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 36.70 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:165 Resp: 83099
Ion Ratio Lower Upper
165 100
63 73.0 56.7 85.1
89 99.8 80.4 120.6
182 1.9 1.5 2.3





#57

Fluorene

Concen: 40.03 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

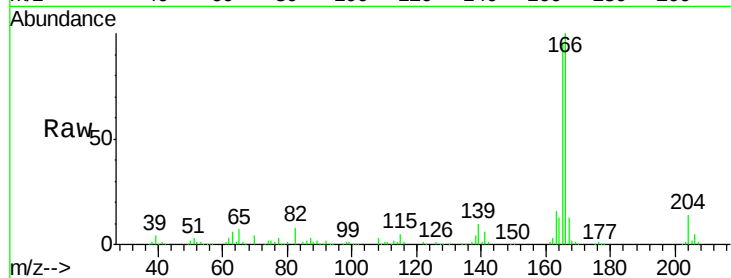
Tot Ion:166 Resp: 294185

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

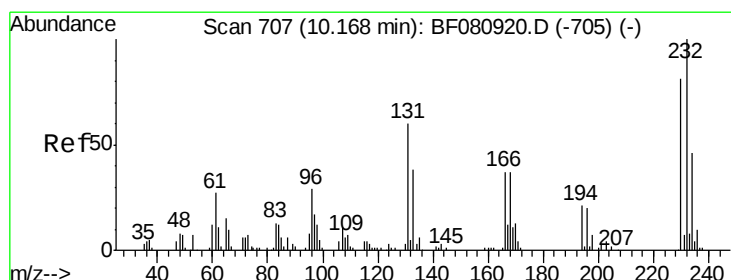
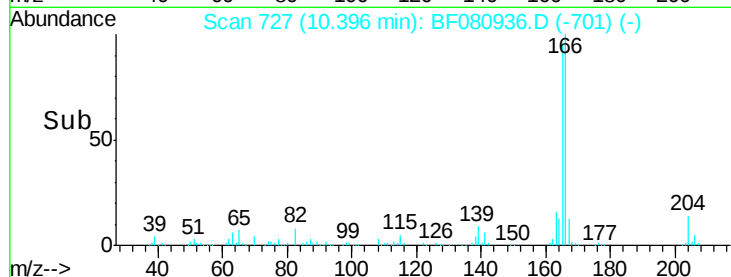
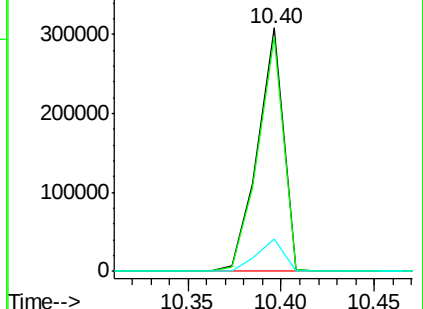
167 13.3 10.8 16.2



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: 37.13 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Tgt Ion:232 Resp: 65977

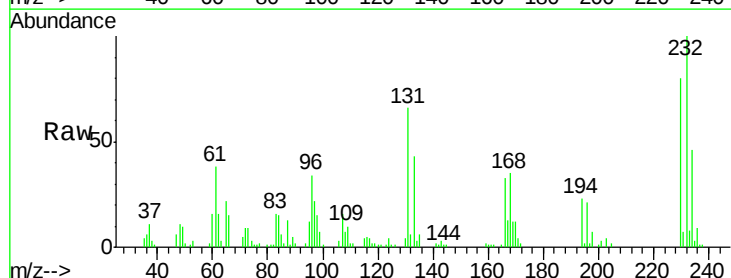
Ion Ratio Lower Upper

232 100

131 48.8 39.4 59.2

130 2.5 2.1 3.1

166 27.2 21.7 32.5

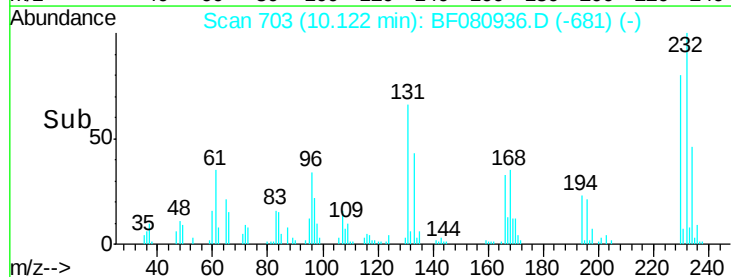
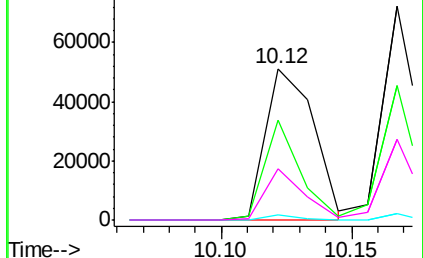


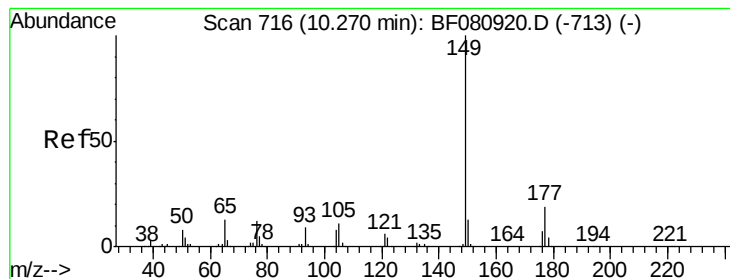
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.78 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

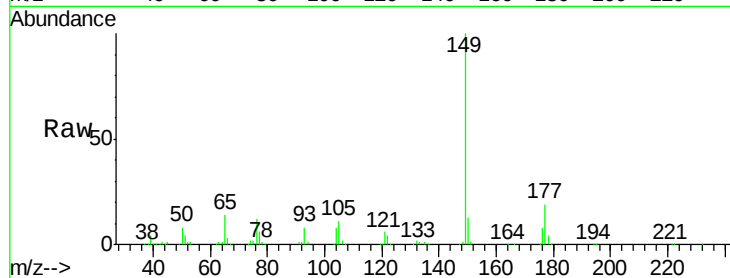
Tot Ion:149 Resp: 305074

Ion Ratio Lower Upper

149 100

177 19.0 15.0 22.4

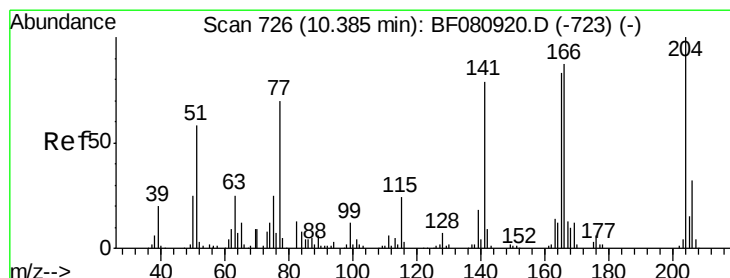
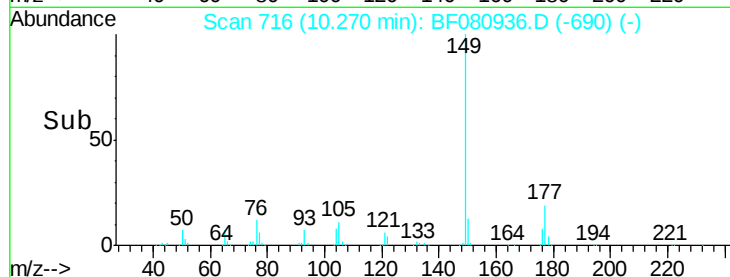
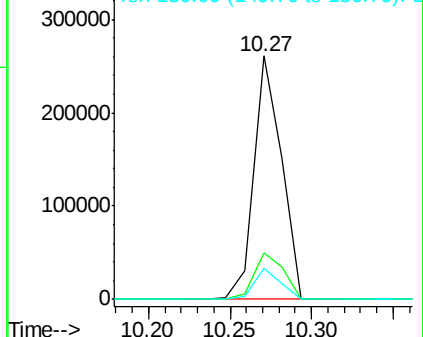
150 12.9 10.4 15.6



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: 33.21 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

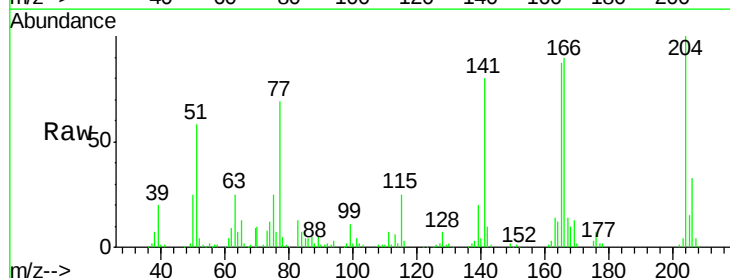
Tgt Ion:204 Resp: 118929

Ion Ratio Lower Upper

204 100

206 33.0 25.5 38.3

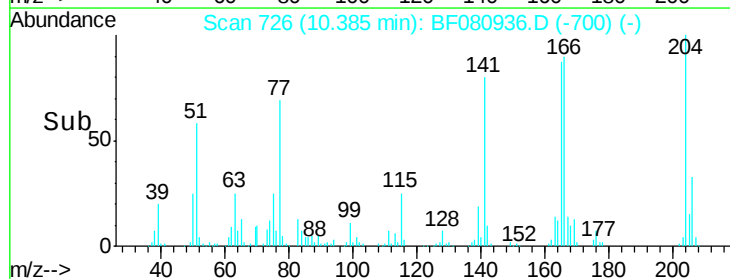
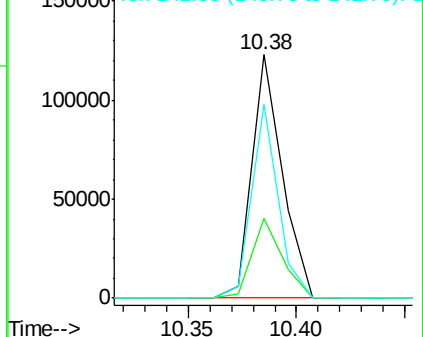
141 79.7 63.4 95.0



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

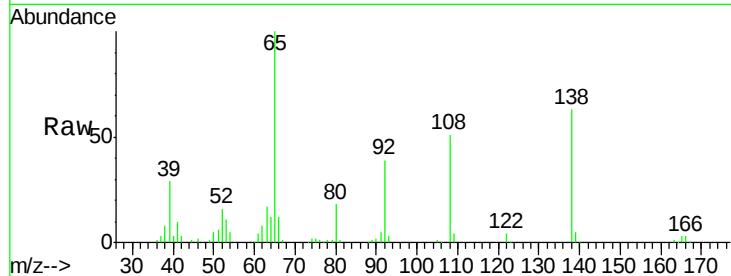




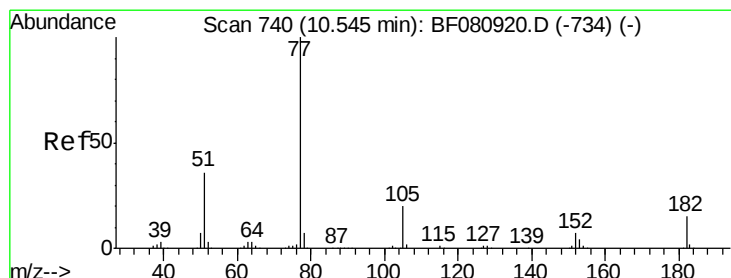
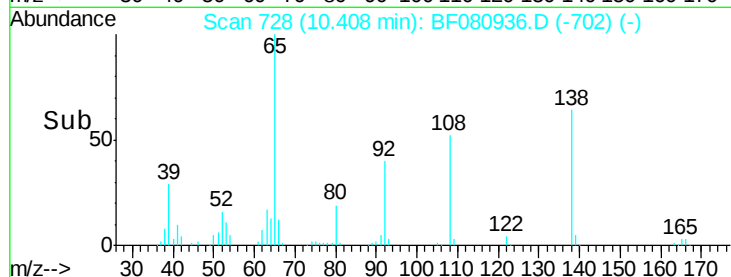
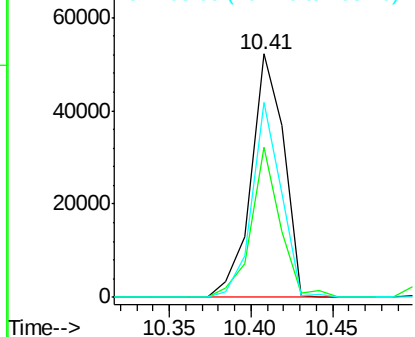
#61
4-Nitroaniline
Concen: 33.77 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72494
Ion Ratio Lower Upper
138 100
92 61.9 38.1 78.1
108 80.3 59.9 99.9

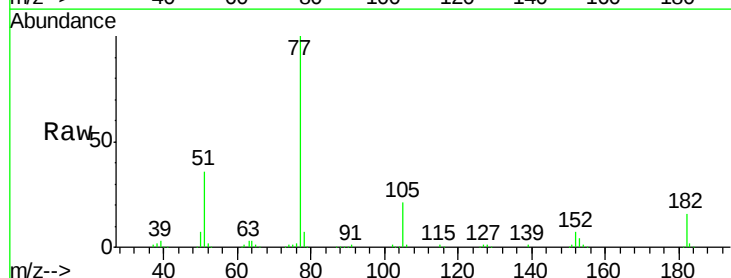


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

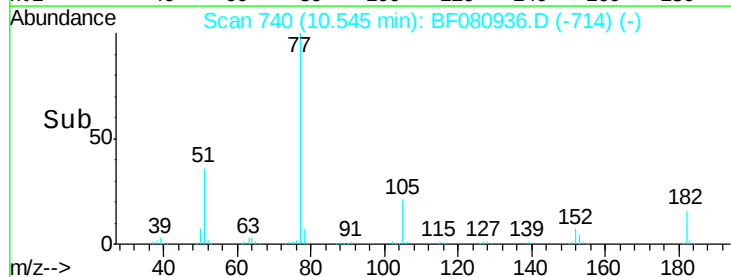
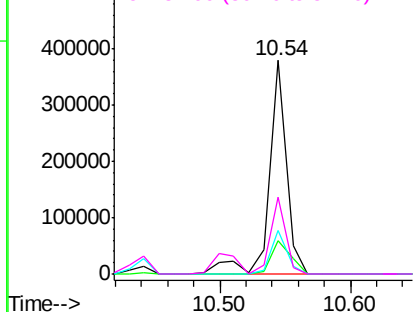


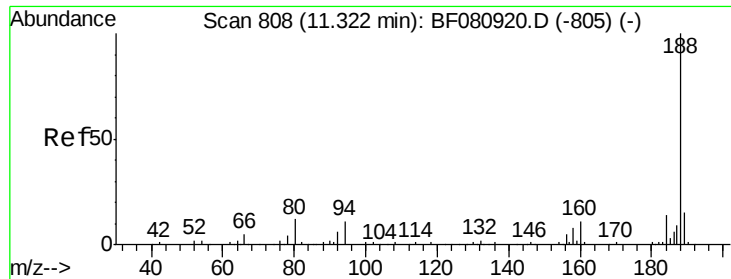
#62
Azobenzene
Concen: 37.58 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion: 77 Resp: 358340
Ion Ratio Lower Upper
77 100
182 15.7 0.0 35.5
105 20.7 0.5 40.5
51 35.8 15.6 55.6



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

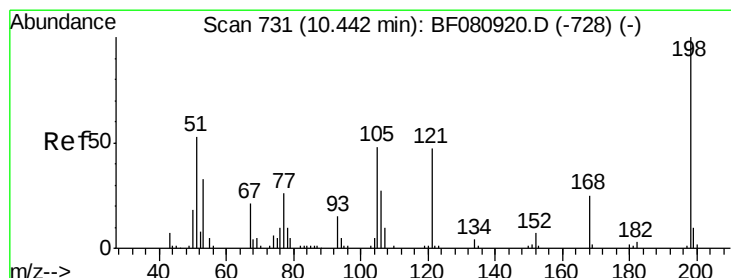
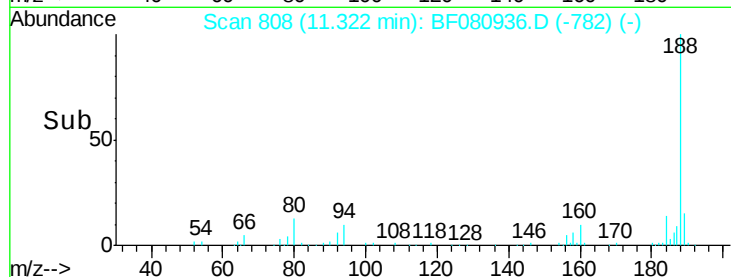
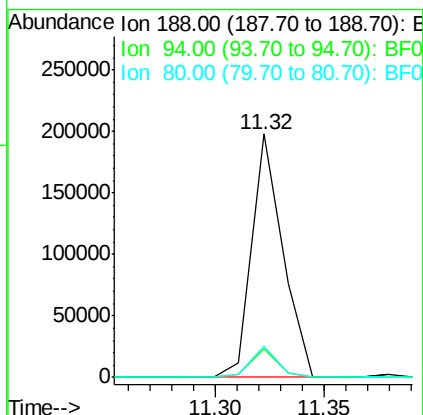
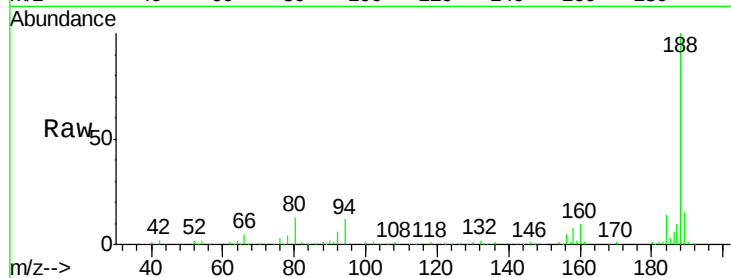




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

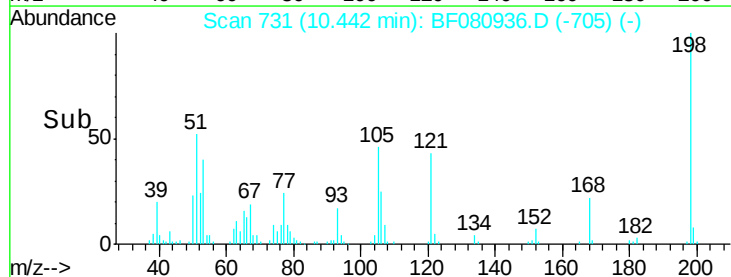
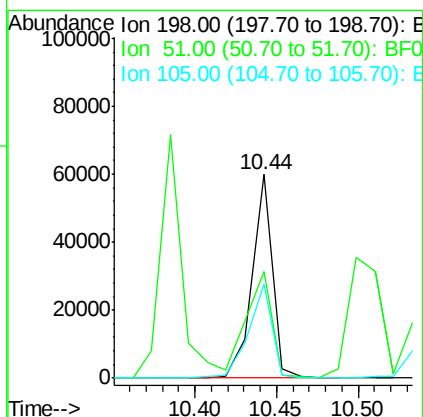
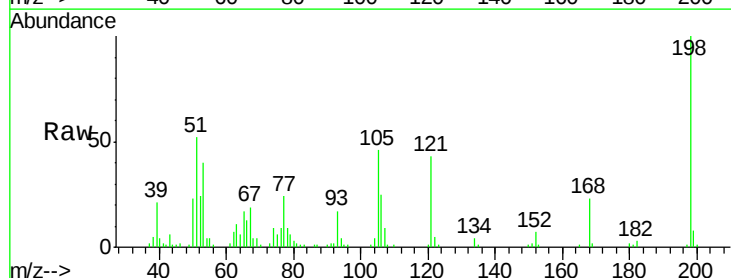
Instrument :
 BNA_F
 ClientSampleID :

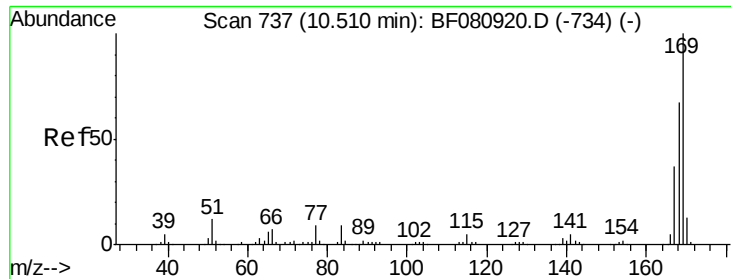
Tot Ion	188	Resp	196788
Ion Ratio	100	Lower	Upper
94	11.8	8.8	13.2
80	12.8	9.5	14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.32 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	198	Resp	51613
Ion Ratio	100	Lower	Upper
51	52.1	40.3	80.3
105	46.4	29.6	69.6

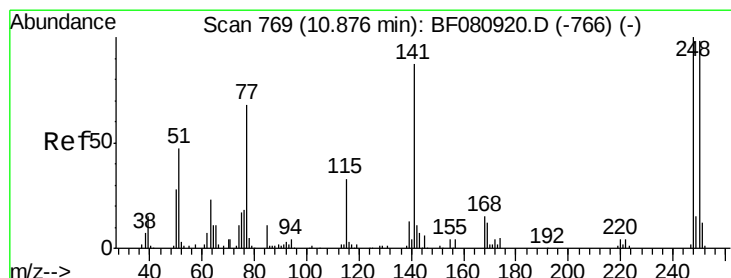
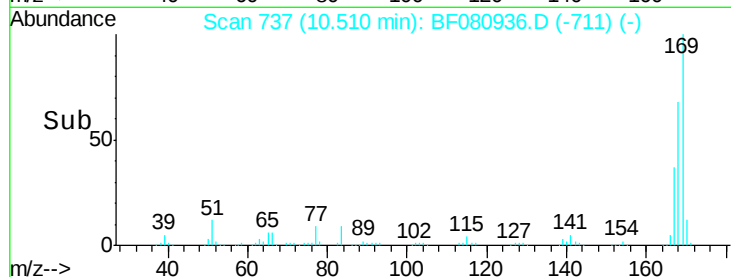
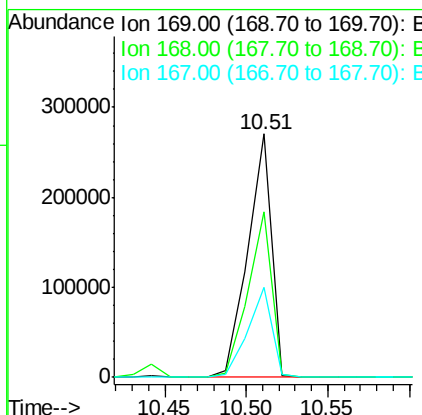
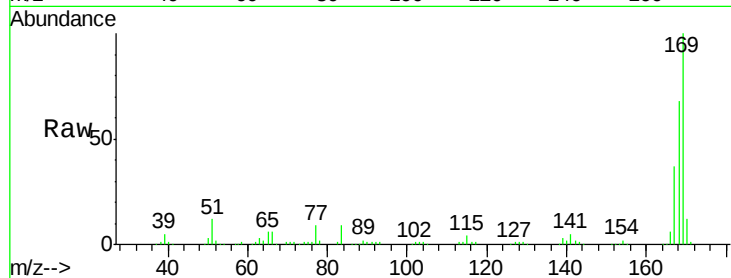




#65
 n-Nitrosodiphenylamine
 Concen: 39.86 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

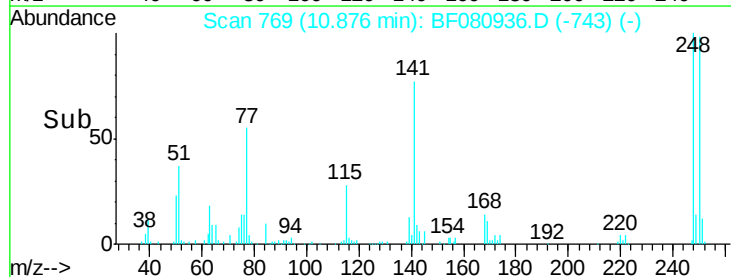
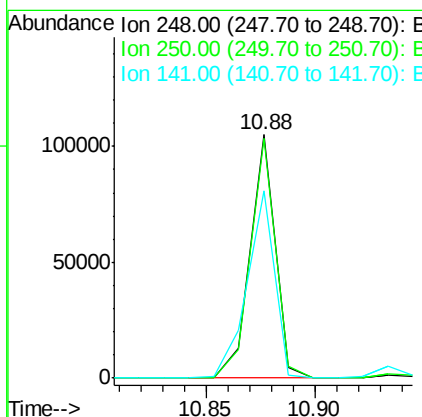
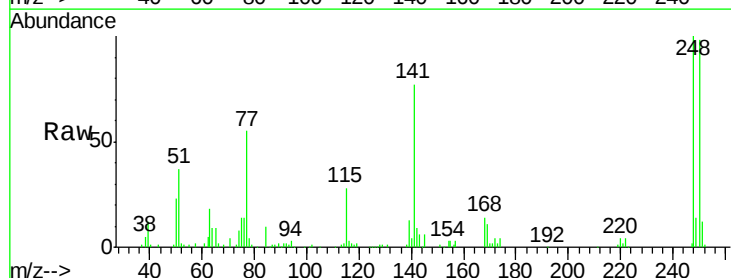
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 272529
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.7 80.5
 167 37.2 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 40.42 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:248 Resp: 84254
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.1 117.1
 141 77.1 69.6 104.4





#67

Hexachlorobenzene

Concen: 36.22 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

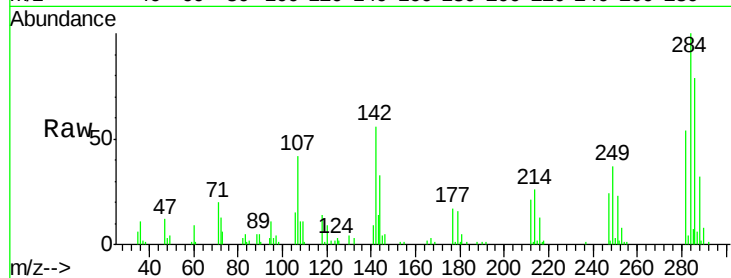
Tot Ion:284 Resp: 83939

Ion Ratio Lower Upper

284 100

142 56.3 12.8 19.2#

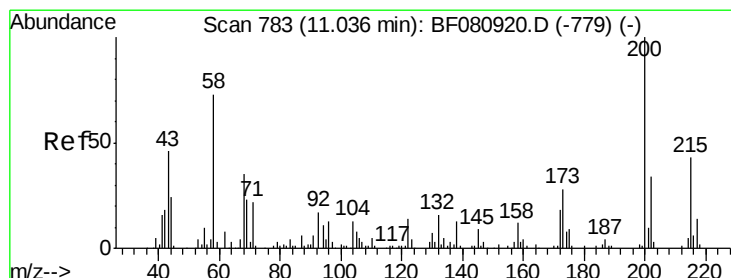
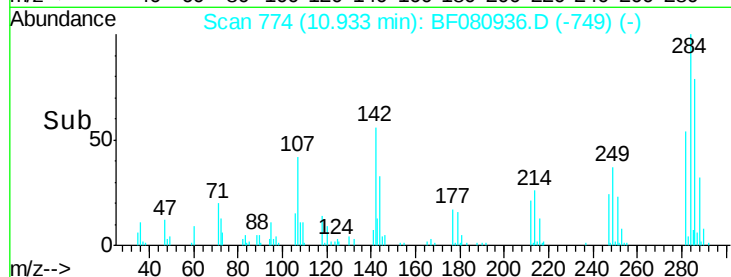
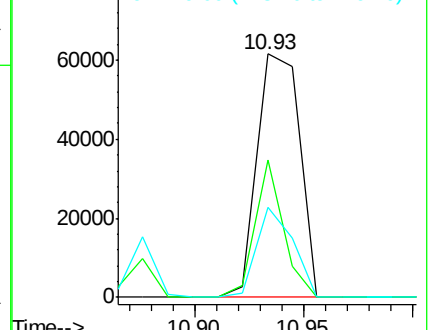
249 37.1 22.5 33.7#



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: 41.26 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

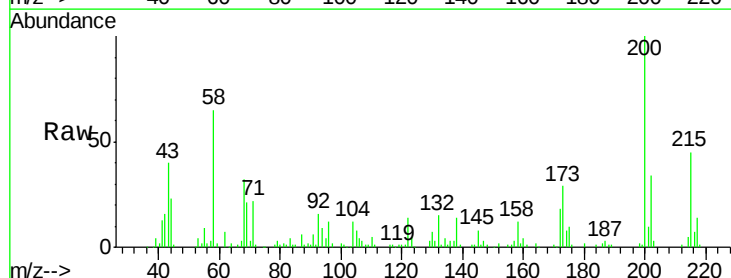
Tgt Ion:200 Resp: 82714

Ion Ratio Lower Upper

200 100

173 28.8 8.4 48.4

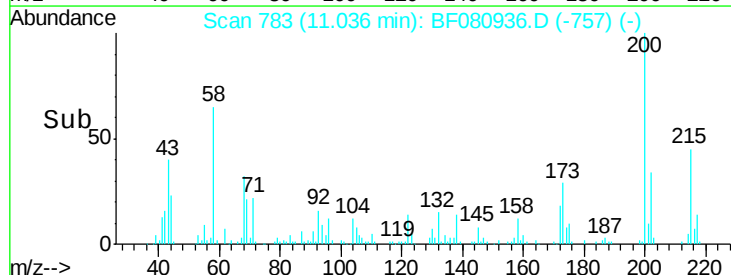
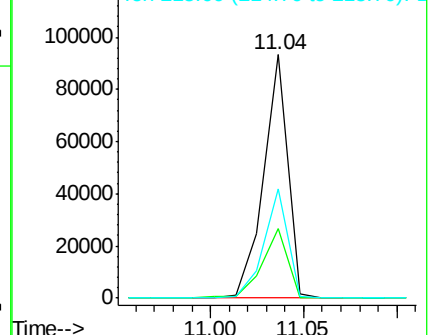
215 44.9 22.7 62.7



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

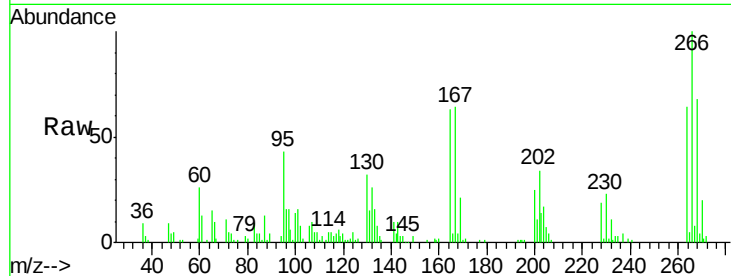




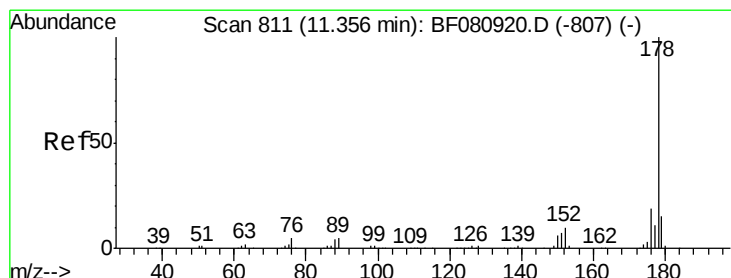
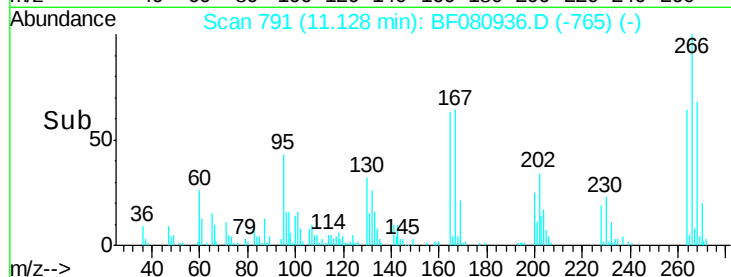
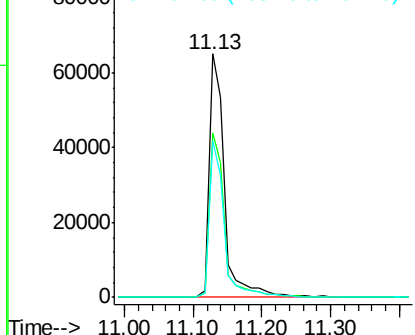
#69
 Pentachlorophenol
 Concen: 74.81 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 100793
 Ion Ratio Lower Upper
 266 100
 268 67.6 51.6 77.4
 264 64.4 50.1 75.1

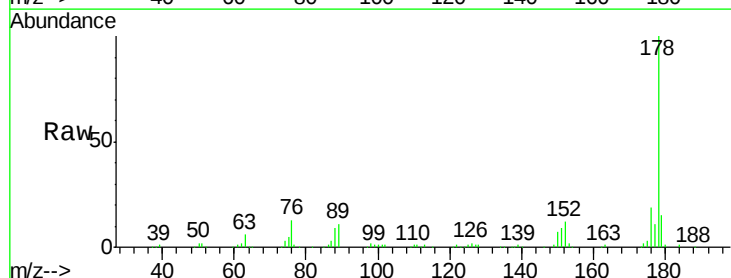


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

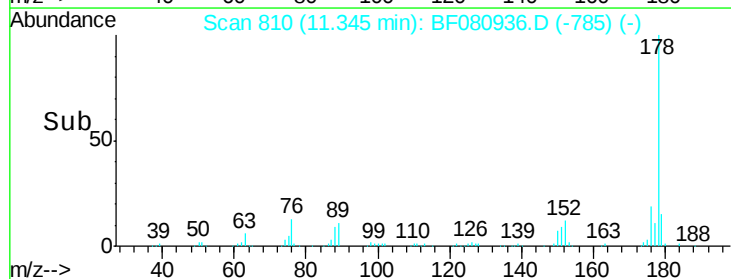
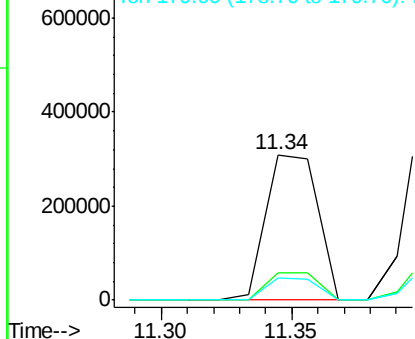


#70
 Phenanthrene
 Concen: 38.34 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:178 Resp: 427215
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.4 11.9 17.9



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

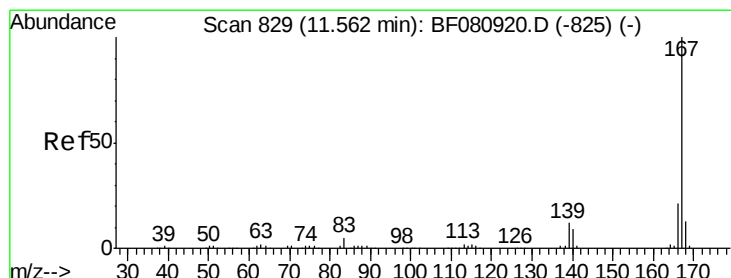
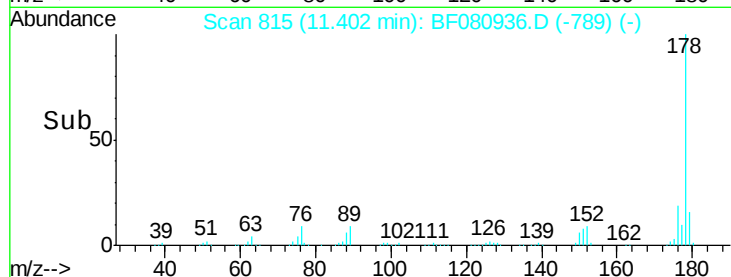
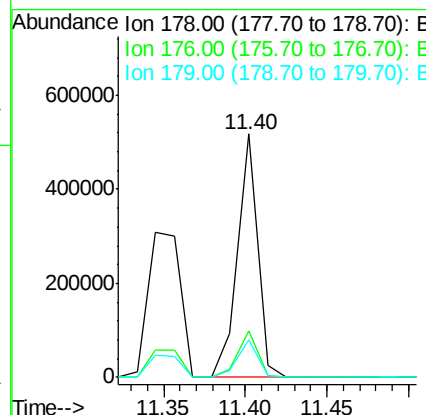
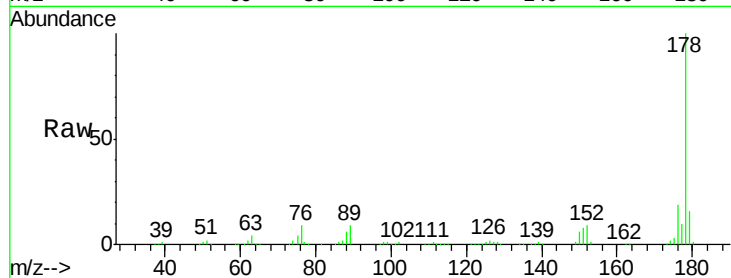




#71
 Anthracene
 Concen: 39.69 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

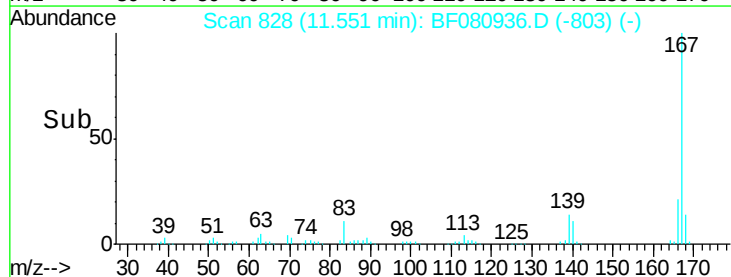
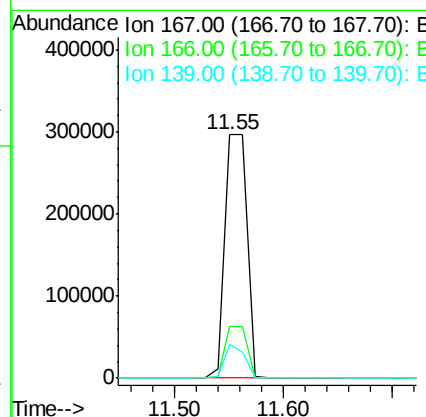
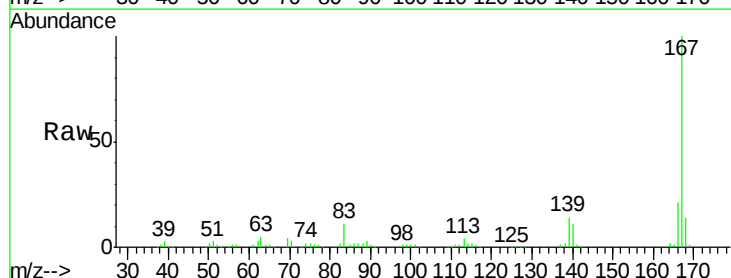
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 437867
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.6 12.6 18.8



#72
 Carbazole
 Concen: 38.92 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:167 Resp: 418072
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 14.1 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

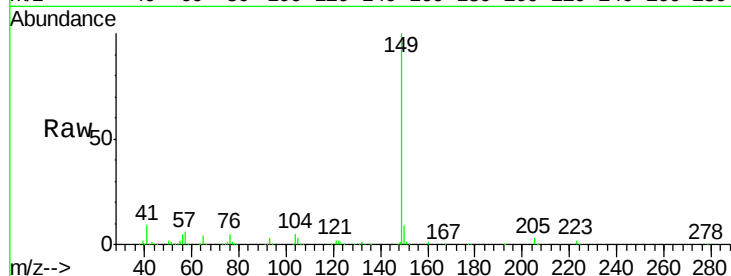
Tot Ion:149 Resp: 529826

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

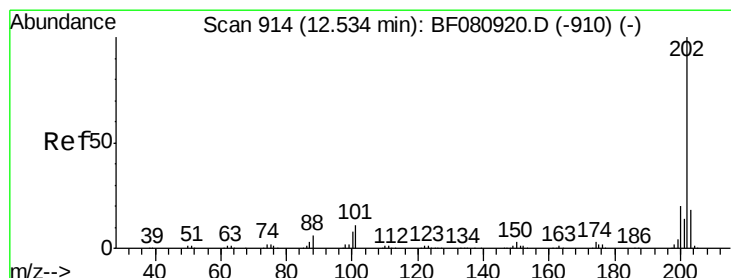
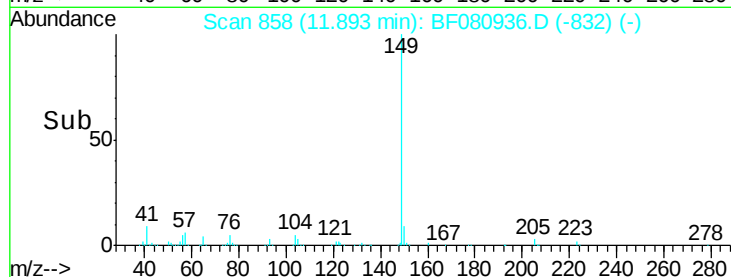
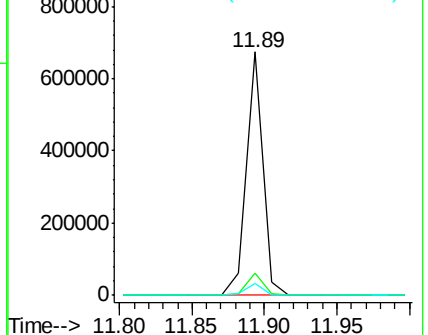
104 5.0 4.4 6.6



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: 41.04 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

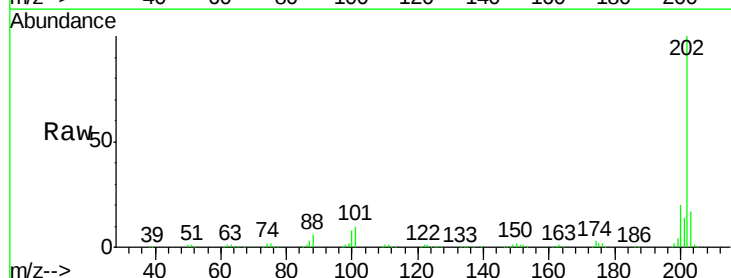
Tgt Ion:202 Resp: 494355

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.5

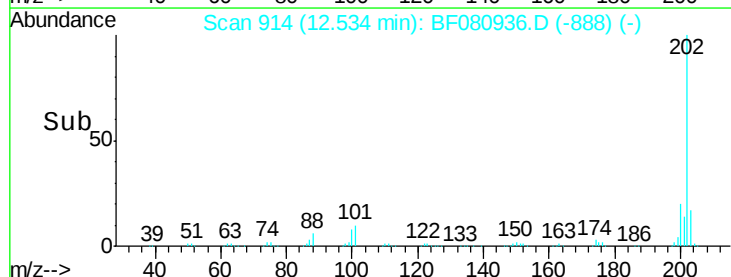
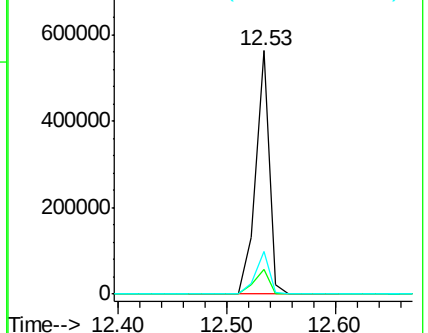
203 17.3 0.0 37.7

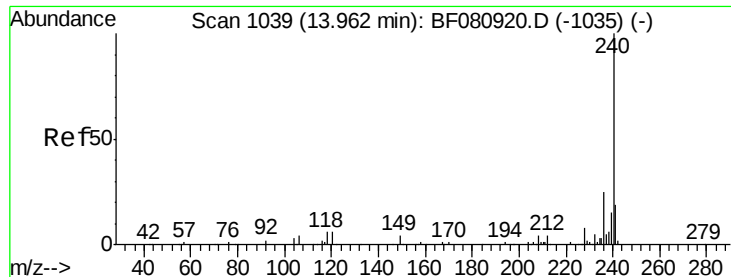


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

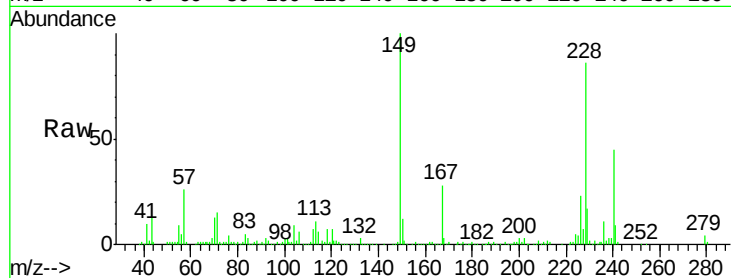
Tot Ion:240 Resp: 150256

Ion Ratio Lower Upper

240 100

120 16.8 5.2 7.8#

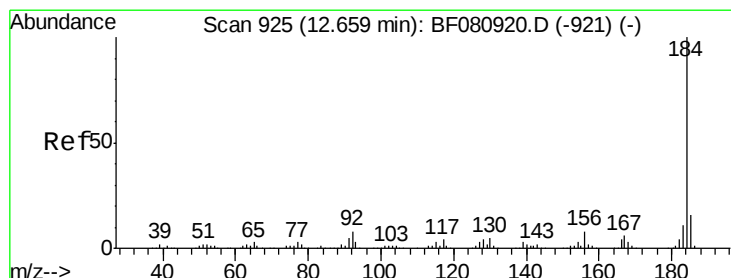
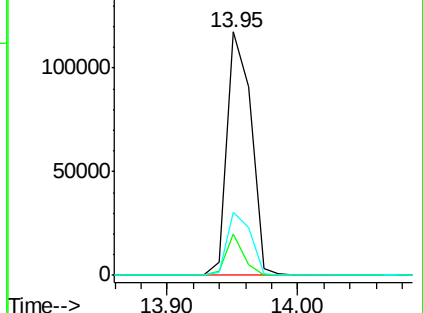
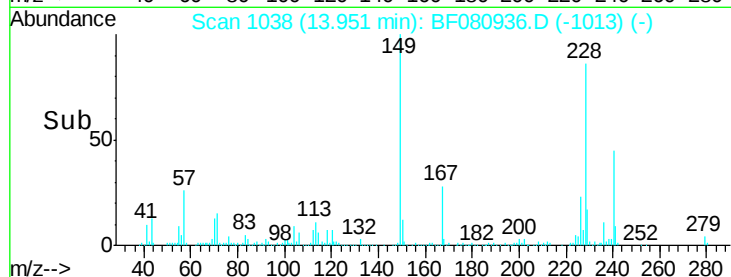
236 25.7 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.75 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

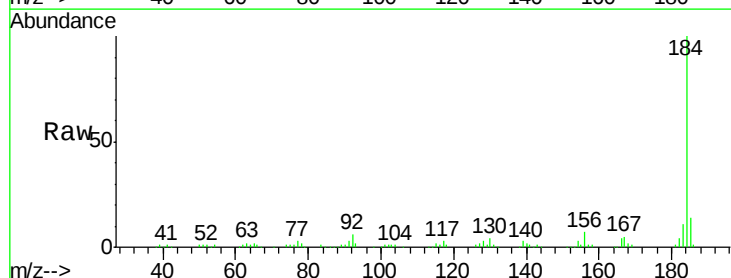
Tgt Ion:184 Resp: 166370

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

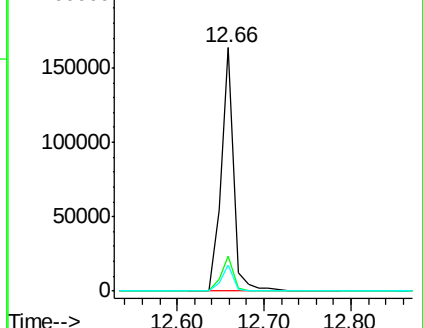
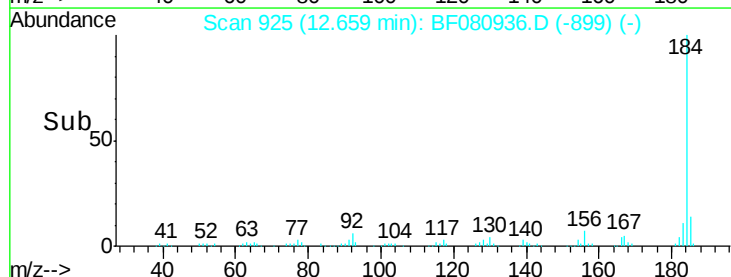
183 10.8 8.7 13.1

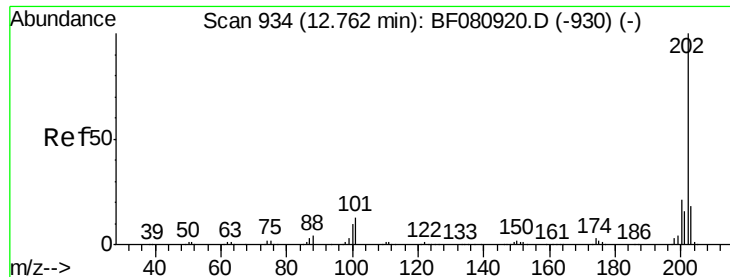


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

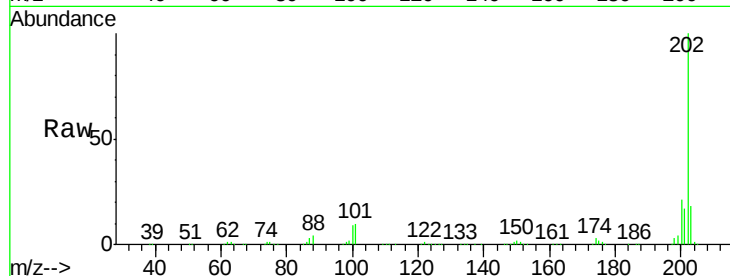




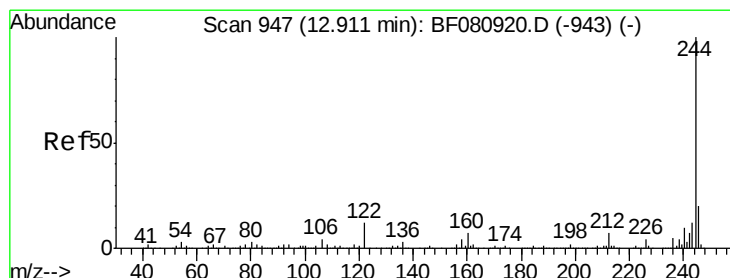
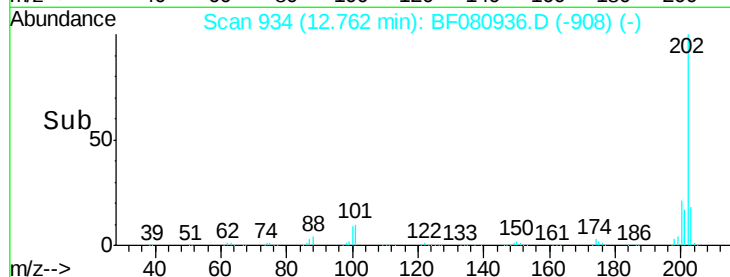
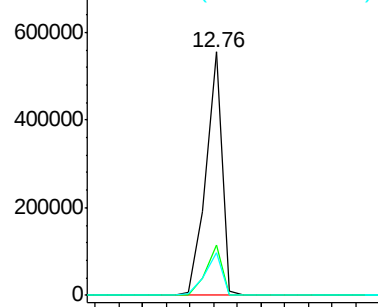
#77
 Pvrene
 Concen: 47.35 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 525634
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 17.8 14.2 21.2

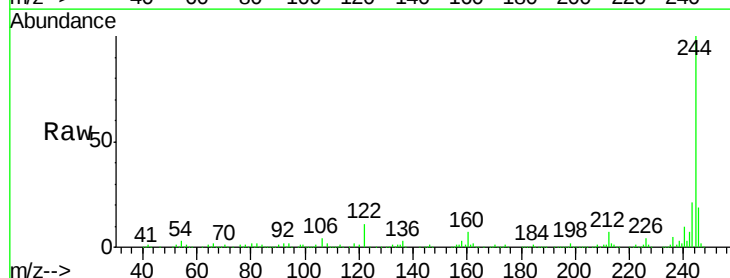


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

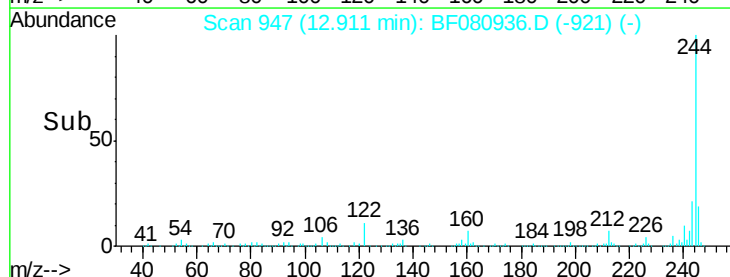
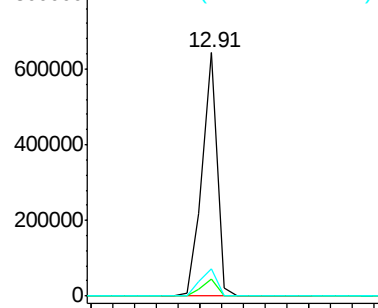


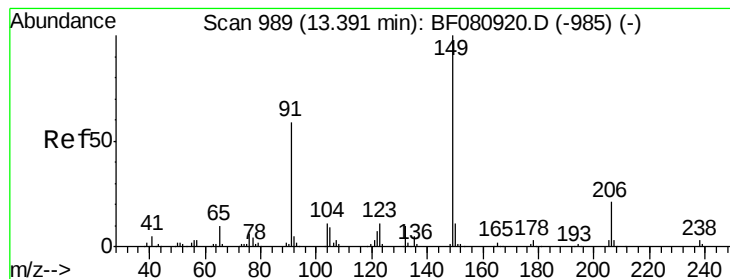
#78
 Terphenyl-d14
 Concen: 83.92 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:244 Resp: 610444
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.0 9.4 14.2



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





#79

Butylbenzylphthalate

Concen: 45.15 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampled :

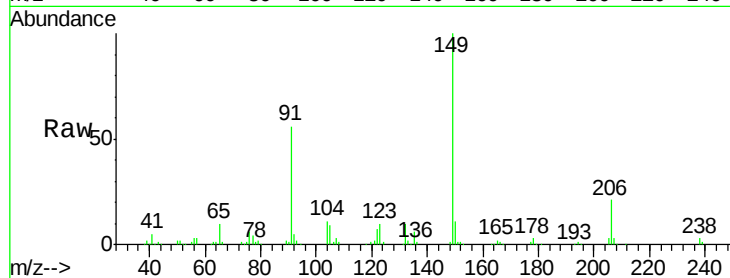
Tot Ion:149 Resp: 241614

Ion Ratio Lower Upper

149 100

91 56.5 47.2 70.8

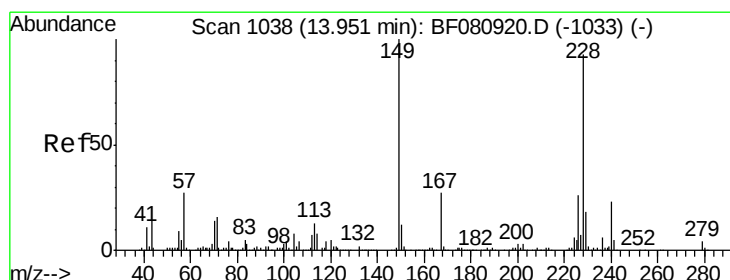
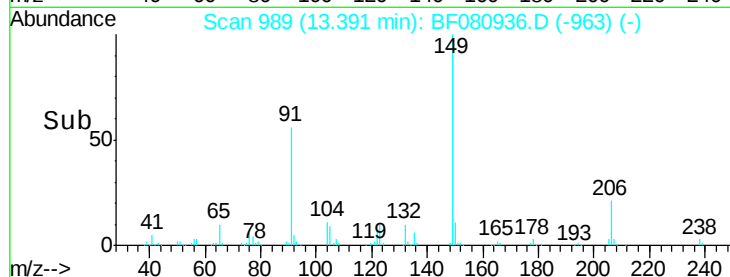
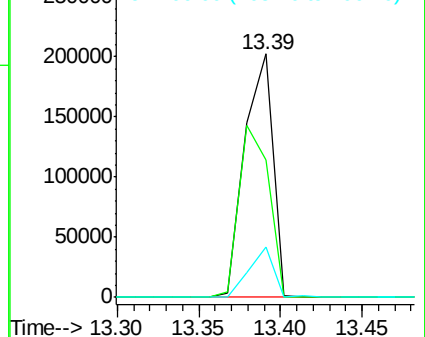
206 20.9 16.5 24.7



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: 41.93 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

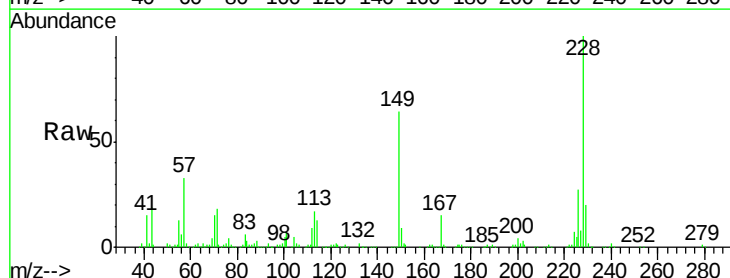
Tgt Ion:228 Resp: 397927

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

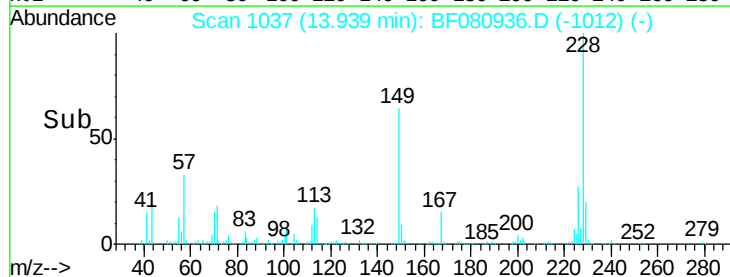
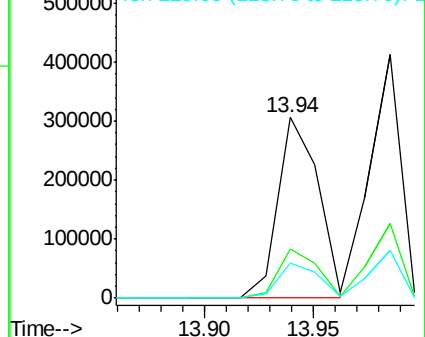
229 19.5 15.8 23.6



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

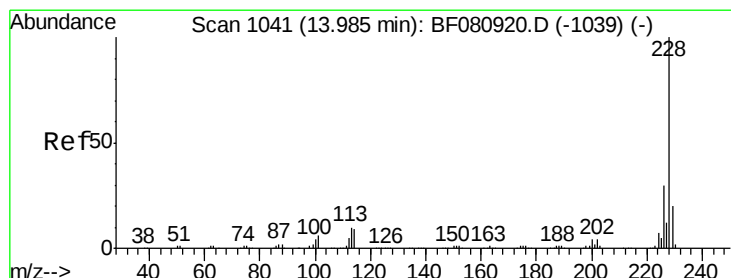
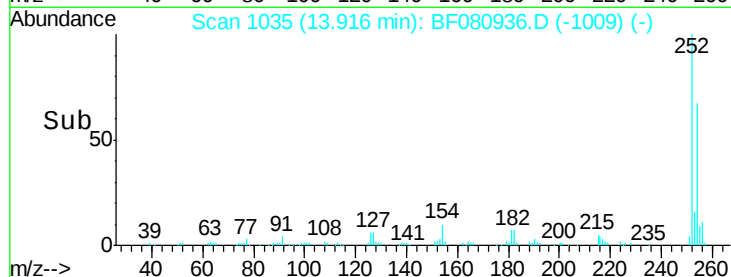
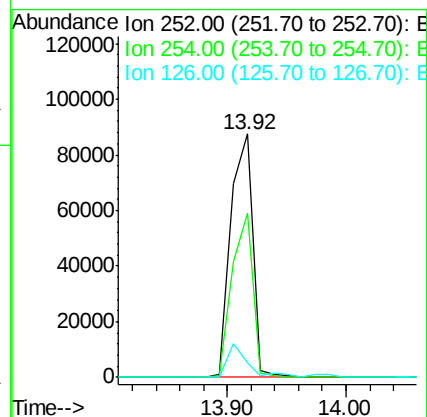
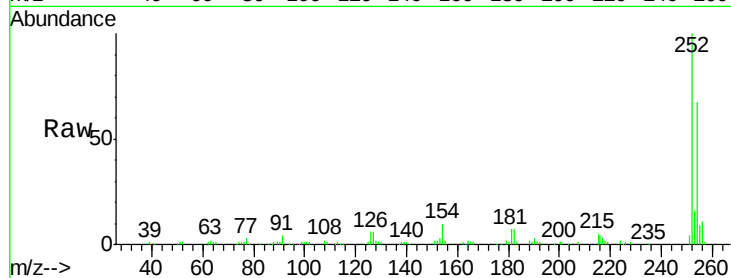




#81
 3,3'-Dichlorobenzidine
 Concen: 32.37 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

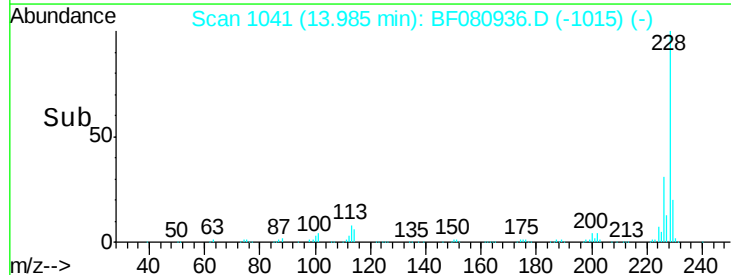
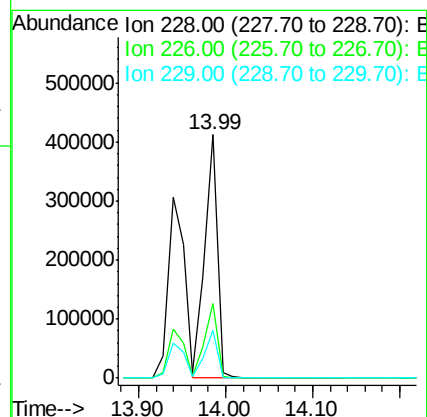
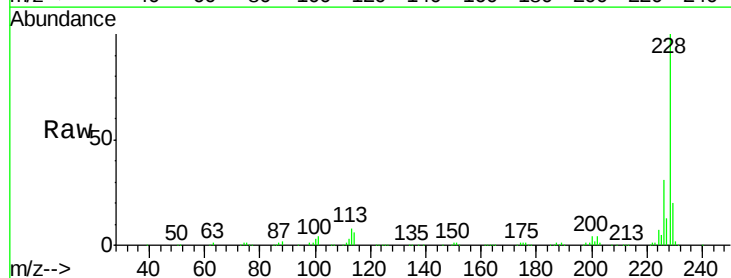
Instrument :
 BNA_F
 ClientSampled :

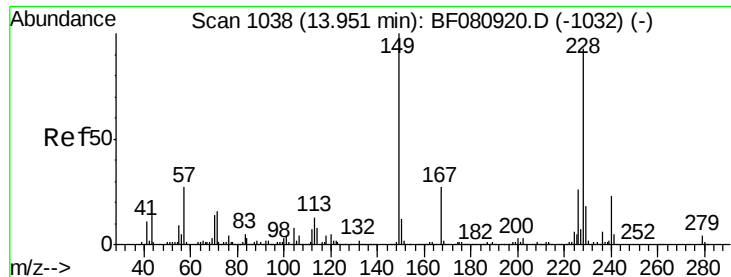
Tot Ion:252 Resp: 111755
 Ion Ratio Lower Upper
 252 100
 254 67.4 51.7 77.5
 126 5.8 7.1 10.7#



#82
 Chrysene
 Concen: 45.43 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion:228 Resp: 412834
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.9 35.9
 229 19.6 15.8 23.6

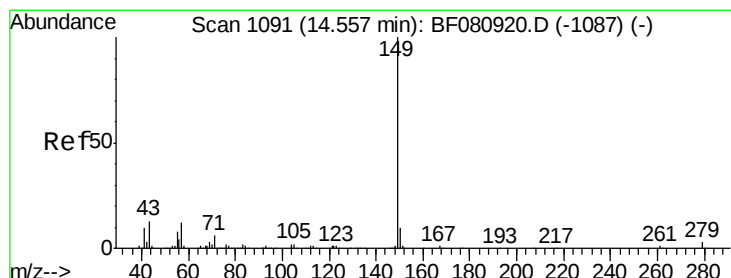
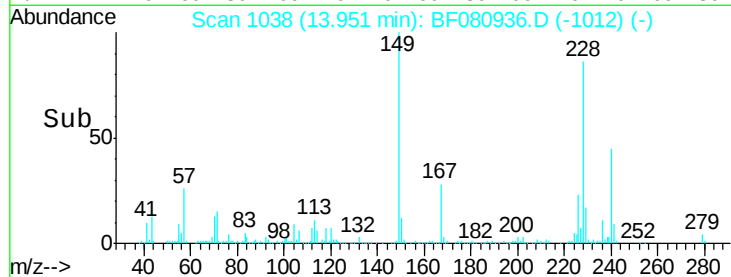
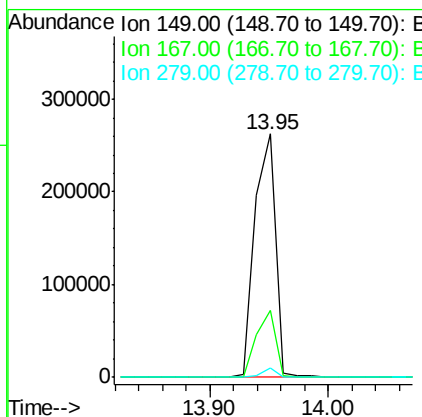
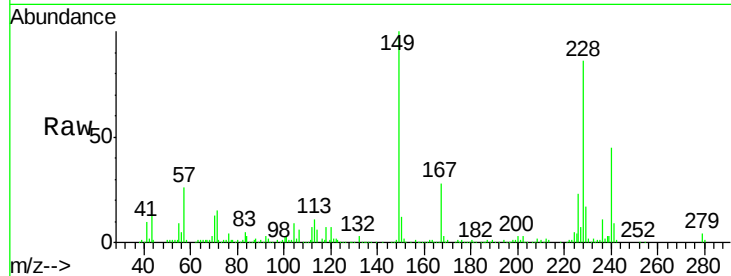




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.33 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

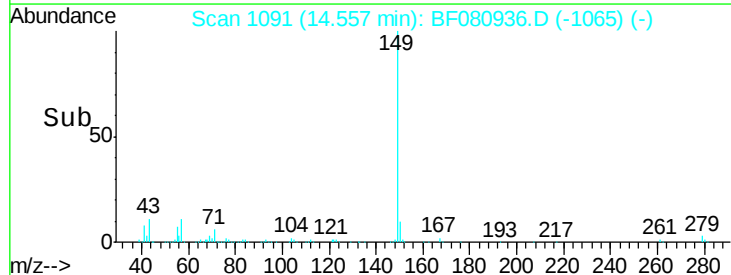
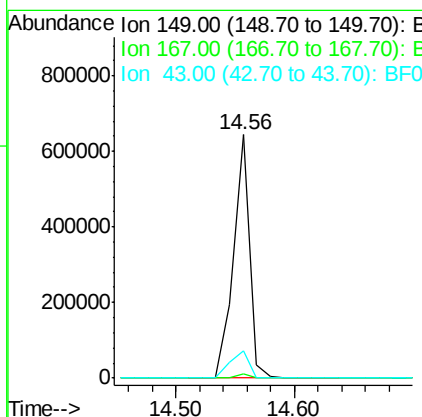
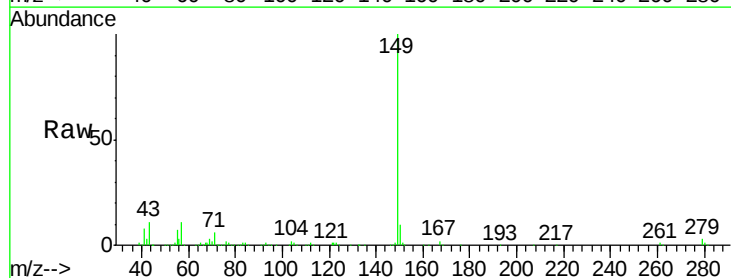
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	3.8	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 47.83 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.5	11.0	16.4

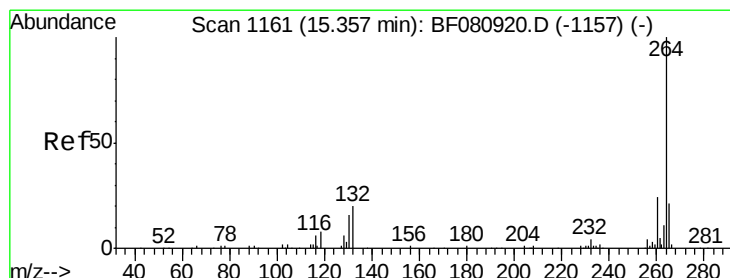
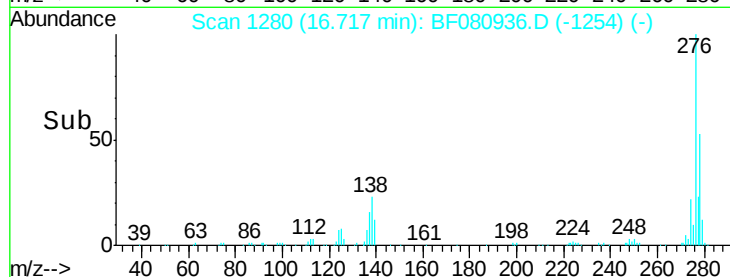
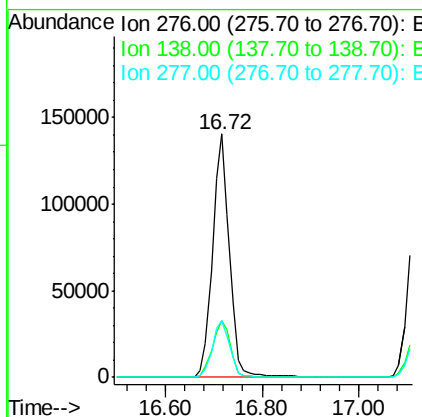
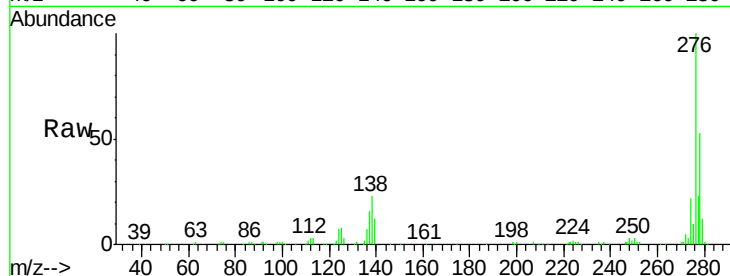




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.98 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

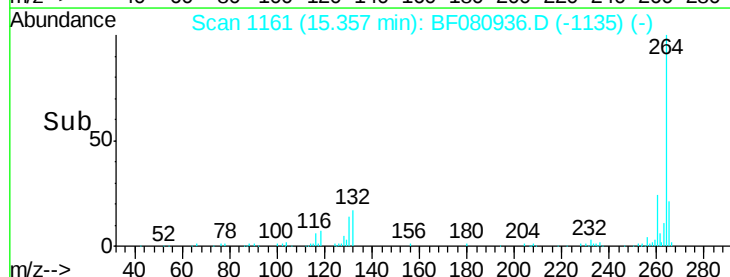
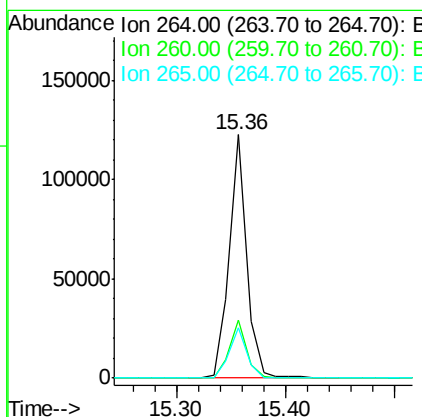
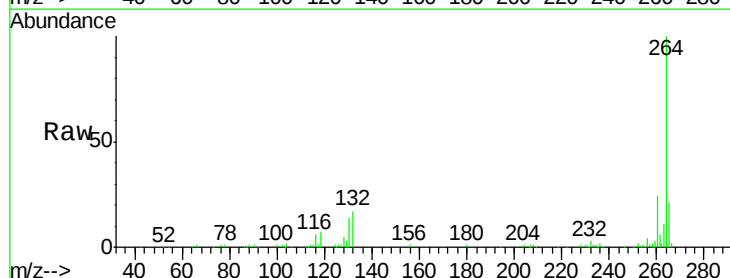
Instrument :
 BNA_F
 ClientSampleId :

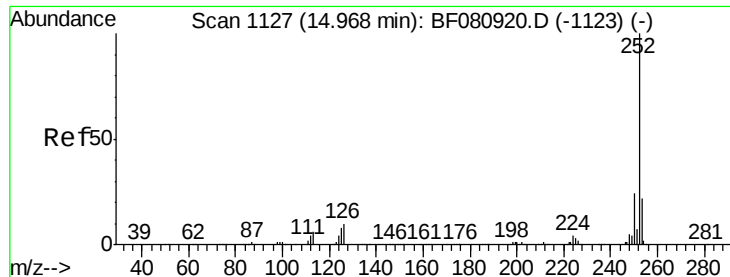
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.9	29.9
277	24.2	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.9	17.0	25.4

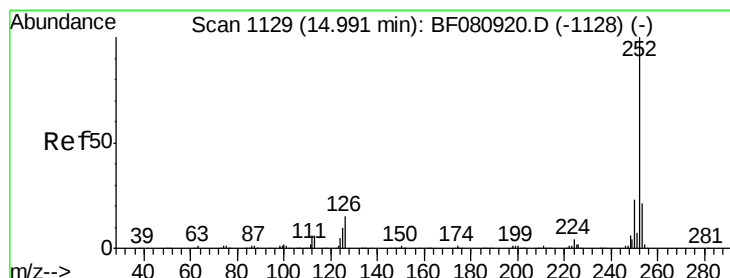
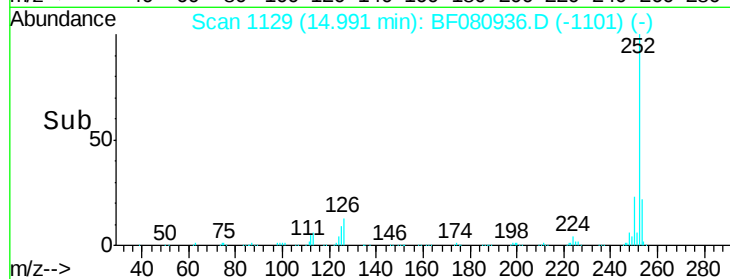
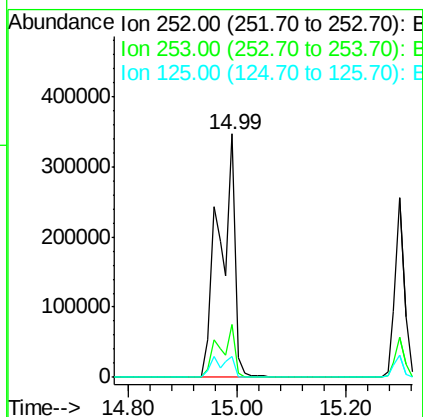
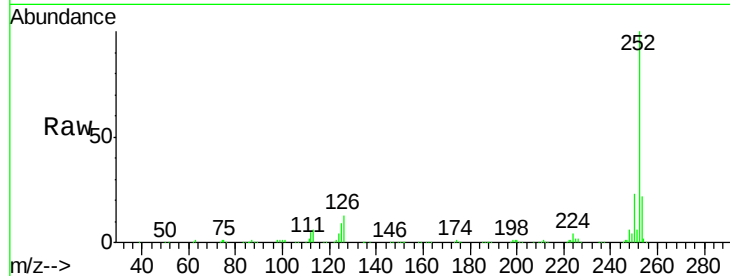




#87
Benzo(b)fluoranthene
Concen: 74.77 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

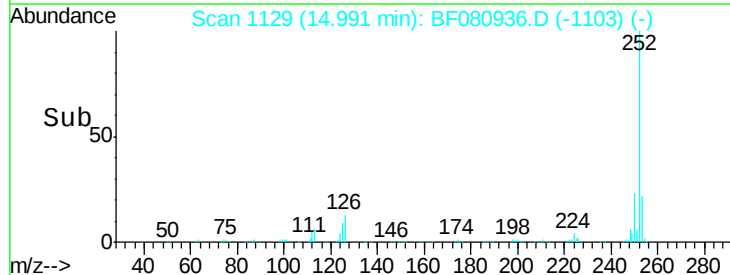
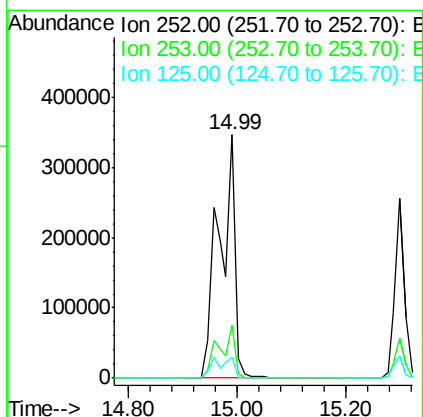
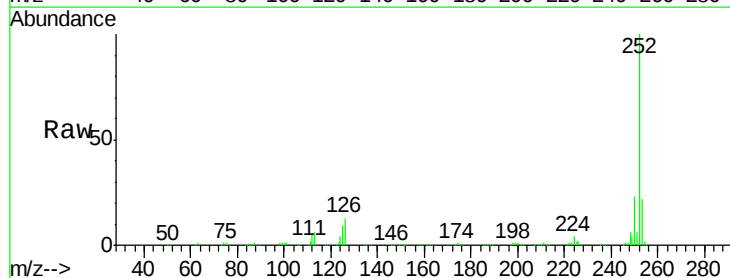
Instrument :
BNA_F
ClientSampled :

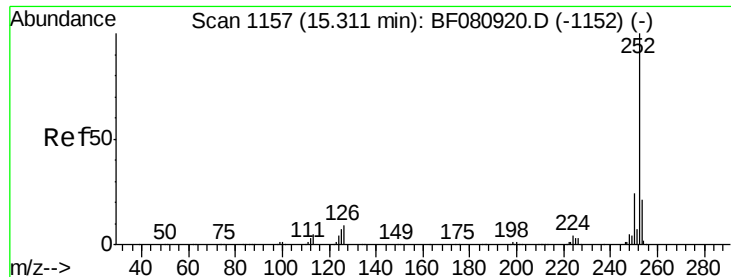
Tot Ion:252 Resp: 706326
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.7 6.1 9.1



#88
Benzo(k)fluoranthene
Concen: 85.47 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080936.D
Acq: 7 Aug 2015 19:59

Tgt Ion:252 Resp: 706326
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.7 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 39.25 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

Instrument :

BNA_F

ClientSampleId :

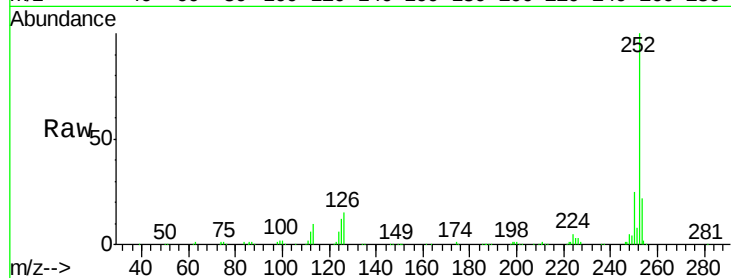
Tot Ion:252 Resp: 318699

Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

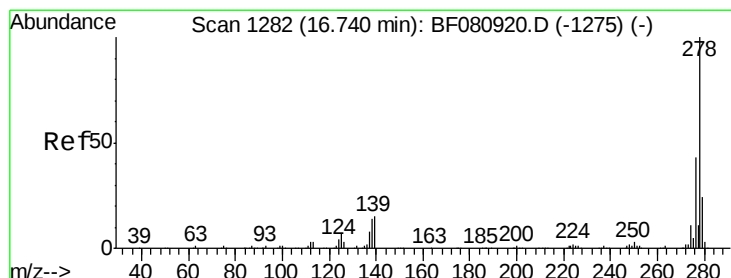
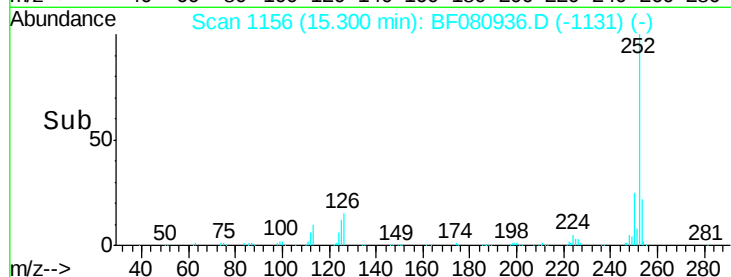
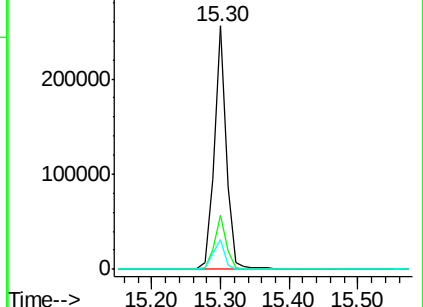
125 12.1 5.8 8.8#



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: 40.86 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF080936.D

Acq: 7 Aug 2015 19:59

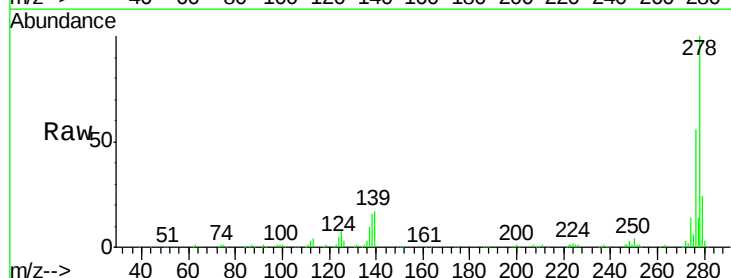
Tgt Ion:278 Resp: 293429

Ion Ratio Lower Upper

278 100

139 17.2 11.9 17.9

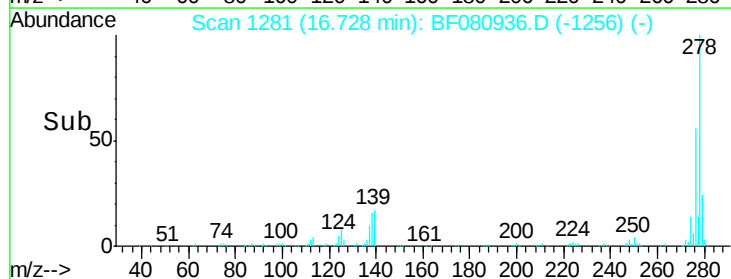
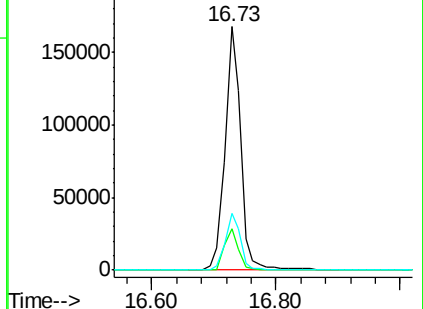
279 23.5 19.0 28.6

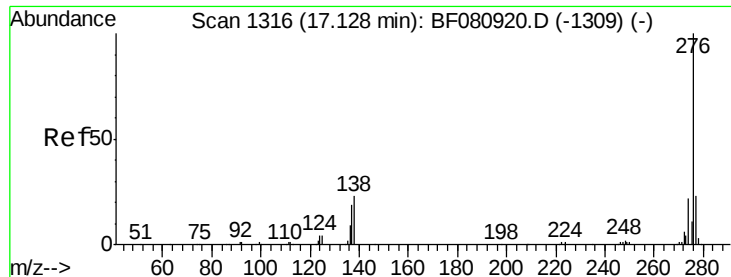


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

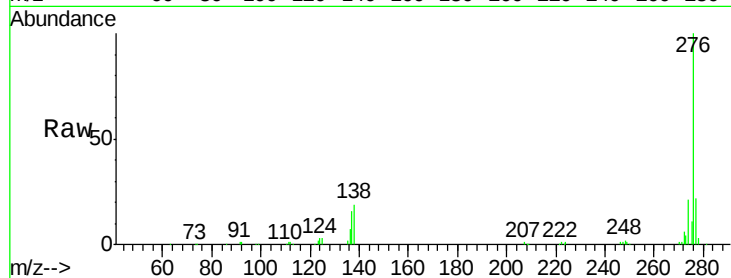




#91
 Benzo(a,h,i)perylene
 Concen: 42.04 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF080936.D
 Acq: 7 Aug 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	18.7	18.4	27.6



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

