

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080816.D
 Acq On : 3 Aug 2015 23:03
 Operator : TP
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Quant Time: Aug 04 02:29:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259075	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	948736	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	393247	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	662256	20.00	ng	0.01
75) Chrysene-d12	13.99	240	440336	20.00	ng	0.00
86) Perylene-d12	15.39	264	397424	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1180383	75.96	ng	0.00
7) Phenol-d6	6.48	99	1610594	77.05	ng	0.01
23) Nitrobenzene-d5	7.40	82	1420443	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	312111	82.83	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1793196	68.93	ng	0.00
78) Terphenyl-d14	12.93	244	1445446	65.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	287913	36.58	ng	98
3) Pyridine	3.20	79	769696	37.02	ng	100
4) n-Nitrosodimethylamine	3.16	42	464857	40.26	ng	99
6) Aniline	6.50	93	1143831	38.27	ng	99
8) 2-Chlorophenol	6.62	128	672711	39.07	ng	88
9) Benzaldehyde	6.38	77	479808	38.81	ng	97
10) Phenol	6.49	94	983465	40.29	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	668467	38.19	ng	91
12) 1,3-Dichlorobenzene	6.77	146	700095	36.27	ng	98
13) 1,4-Dichlorobenzene	6.85	146	682570	35.49	ng	98
14) 1,2-Dichlorobenzene	7.01	146	692430	38.92	ng	96
15) Benzyl Alcohol	6.98	79	549023	38.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1322884	38.22	ng	100
17) 2-Methylphenol	7.09	107	542570	35.74	ng	96
18) Hexachloroethane	7.36	117	265943	37.51	ng	# 68
19) n-Nitroso-di-n-propylamine	7.26	70	544259	40.25	ng	93
20) 3+4-Methylphenols	7.25	107	666615	37.81	ng	# 87
22) Acetophenone	7.25	105	840145	36.47	ng	# 84
24) Nitrobenzene	7.42	77	793043	40.42	ng	88
25) Isophorone	7.66	82	1295570	37.68	ng	96
26) 2-Nitrophenol	7.73	139	303370	36.17	ng	93
27) 2,4-Dimethylphenol	7.78	122	620565	38.83	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	766612	36.90	ng	99
29) 2,4-Dichlorophenol	7.98	162	511244	38.23	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	554391	37.98	ng	96
31) Naphthalene	8.14	128	1775603	38.09	ng	99
32) Benzoic acid	7.90	122	378087	39.06	ng	97
33) 4-Chloroaniline	8.19	127	700473	35.72	ng	95
34) Hexachlorobutadiene	8.26	225	329090	36.75	ng	98
35) Caprolactam	8.58	113	150100	40.52	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	494587	34.73	ng	97
37) 2-Methylnaphthalene	8.83	142	989431	33.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	524330	41.99	ng	99
40) Hexachlorocyclopentadiene	8.99	237	325292	42.58	ng	98

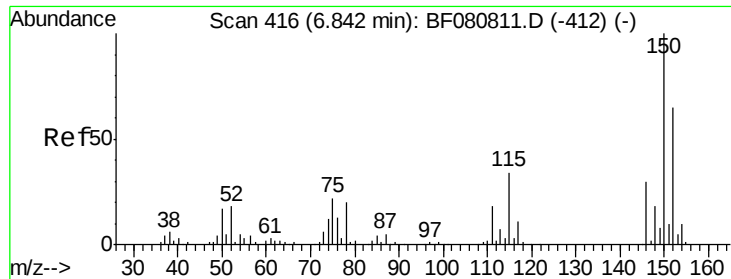
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	339479	38.28	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	354858	40.89	nq	# 83
45) 1,1'-Biphenyl	9.30	154	1226476	41.20	nq	98
46) 2-Chloronaphthalene	9.32	162	981332	39.73	nq	96
47) 2-Nitroaniline	9.41	65	358314	39.27	nq	90
48) Acenaphthylene	9.73	152	1392313	36.14	nq	100
49) Dimethylphthalate	9.61	163	1056134	40.20	nq	# 98
50) 2,6-Dinitrotoluene	9.66	165	239292	42.29	nq	# 56
51) Acenaphthene	9.90	154	856755	36.91	nq	99
52) 3-Nitroaniline	9.82	138	222728	33.92	nq	85
53) 2,4-Dinitrophenol	9.93	184	126618	43.74	nq	# 70
54) Dibenzofuran	10.08	168	1127927	36.72	nq	98
55) 4-Nitrophenol	9.98	139	197173	42.01	nq	# 70
56) 2,4-Dinitrotoluene	10.06	165	292033	40.82	nq	# 59
57) Fluorene	10.42	166	920691	38.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	238471	38.22	nq	97
59) Diethylphthalate	10.29	149	965827	38.49	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	412438	35.28	nq	# 73
61) 4-Nitroaniline	10.44	138	253926	41.78	nq	93
62) Azobenzene	10.57	77	1107928	38.12	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	164528	40.30	nq	# 55
65) n-Nitrosodiphenylamine	10.53	169	863763	37.26	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	251708	34.59	nq	95
67) Hexachlorobenzene	10.97	284	331317	40.22	nq	# 96
68) Atrazine	11.06	200	223048	42.20	nq	96
69) Pentachlorophenol	11.15	266	172949	39.33	nq	99
70) Phenanthrene	11.38	178	1305226	37.89	nq	99
71) Anthracene	11.42	178	1149329	33.80	nq	99
72) Carbazole	11.58	167	1179990	40.08	nq	98
73) Di-n-butylphthalate	11.92	149	1240859	35.20	nq	100
74) Fluoranthene	12.56	202	1139999	34.56	nq	99
76) Benzidine	12.68	184	491180	30.50	nq	98
77) Pyrene	12.78	202	1136637	34.82	nq	98
79) Butylbenzylphthalate	13.41	149	521704	40.58	nq	97
80) Benzo(a)anthracene	13.97	228	977774	38.89	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	347579	38.97	nq	# 97
82) Chrysene	14.01	228	777401	31.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	614735	38.74	nq	100
84) Di-n-octyl phthalate	14.58	149	953023	37.98	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	951071	42.43	nq	100
87) Benzo(b)fluoranthene	14.99	252	1613238	69.34	nq	98
88) Benzo(k)fluoranthene	14.99	252	1613238	79.57	nq	# 96
89) Benzo(a)pyrene	15.33	252	749347	37.77	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	781213	40.64	nq	98
91) Benzo(g,h,i)perylene	17.19	276	838851	41.86	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

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ICVBF080315

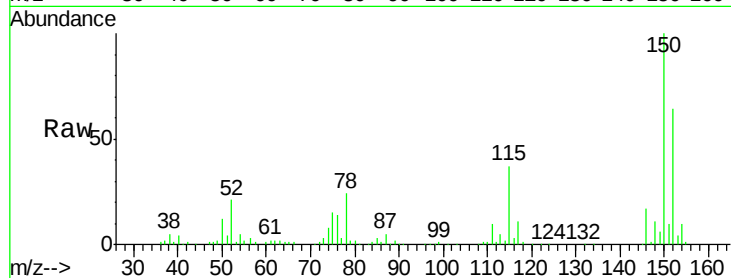
Tot Ion:152 Resp: 259075

Ion Ratio Lower Upper

152 100

150 155.4 122.9 184.3

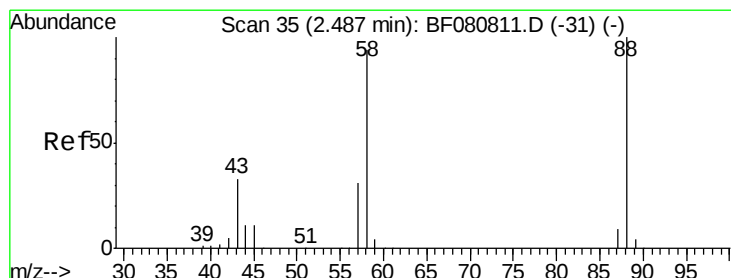
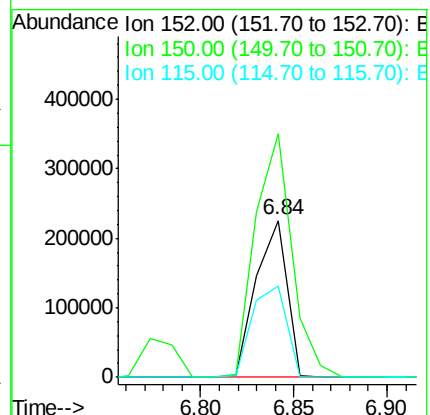
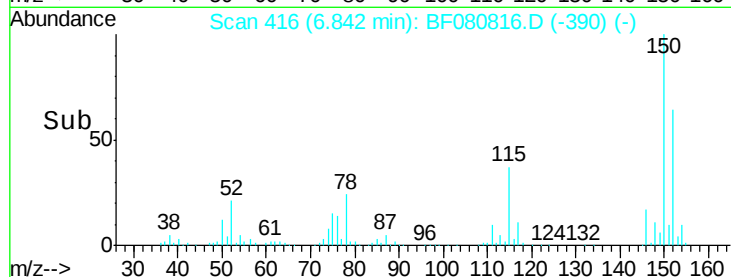
115 58.0 42.0 63.0



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: 36.58 ng

RT: 2.48 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

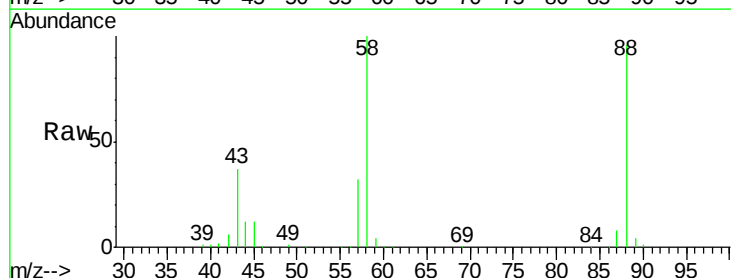
Tgt Ion: 88 Resp: 287913

Ion Ratio Lower Upper

88 100

58 99.0 78.2 117.4

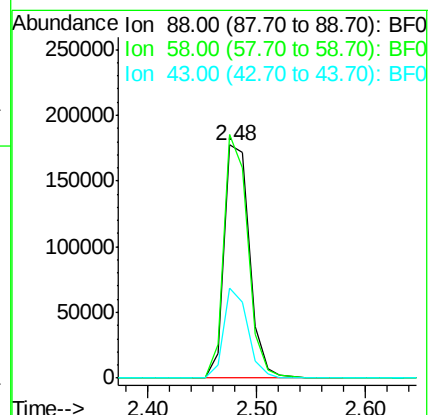
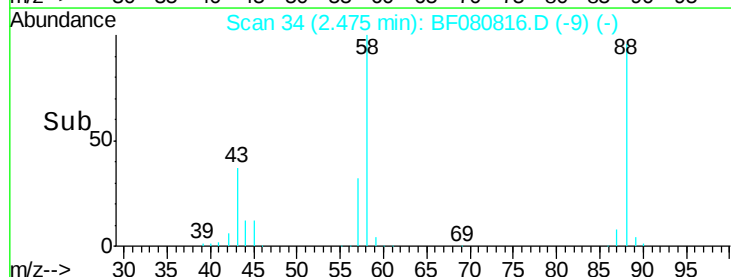
43 36.4 27.6 41.4

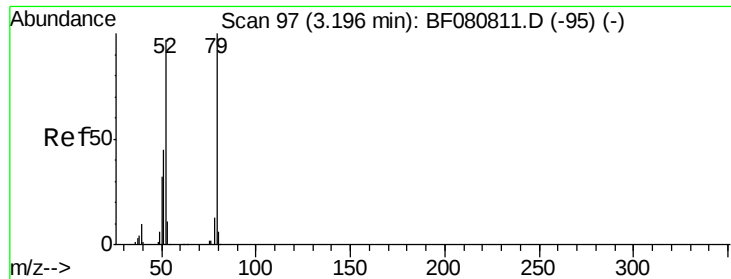


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.02 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

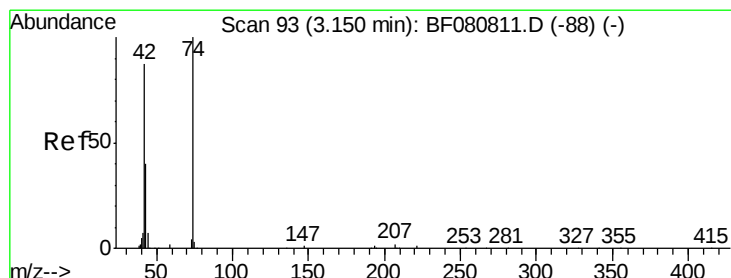
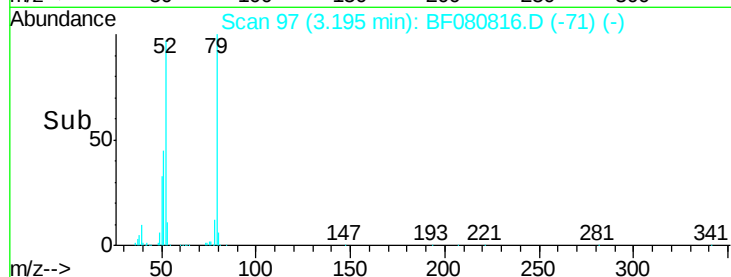
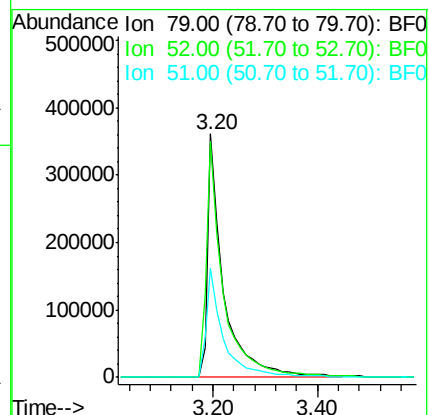
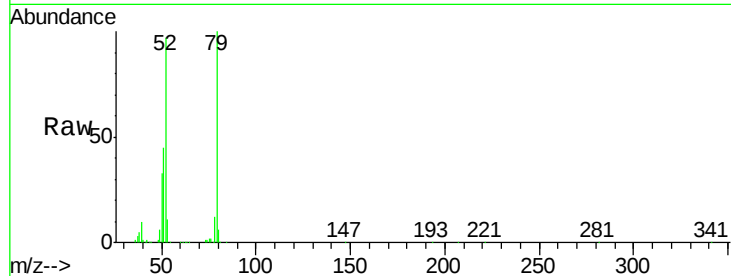
Tot Ion: 79 Resp: 769696

Ion Ratio Lower Upper

79 100

52 96.8 77.7 116.5

51 45.1 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 40.26 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

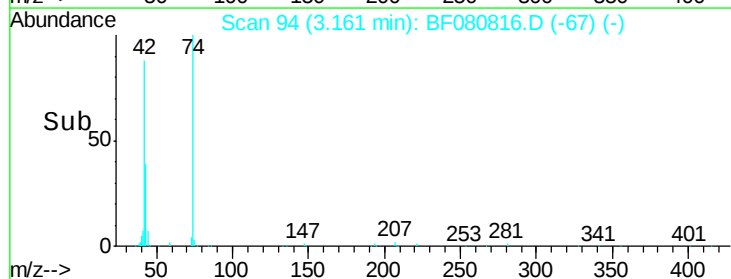
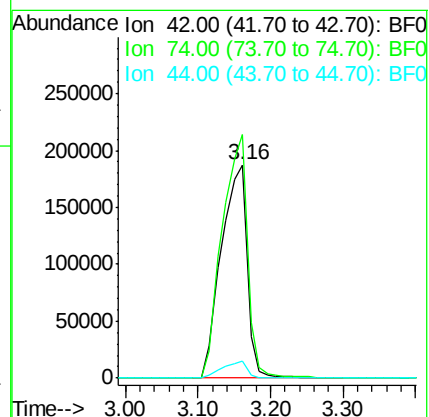
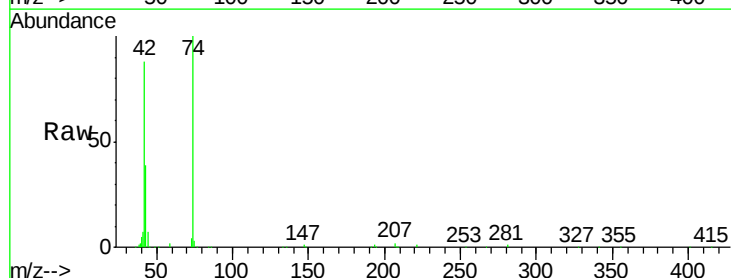
Tgt Ion: 42 Resp: 464857

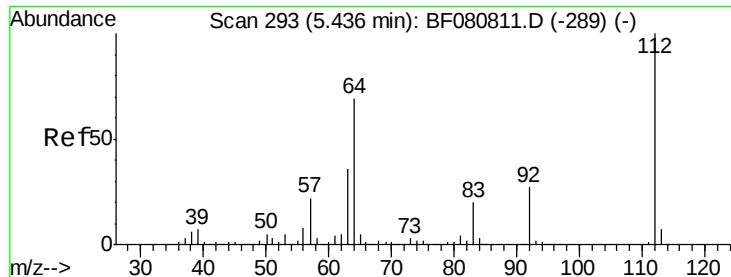
Ion Ratio Lower Upper

42 100

74 114.3 92.4 138.6

44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 75.96 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

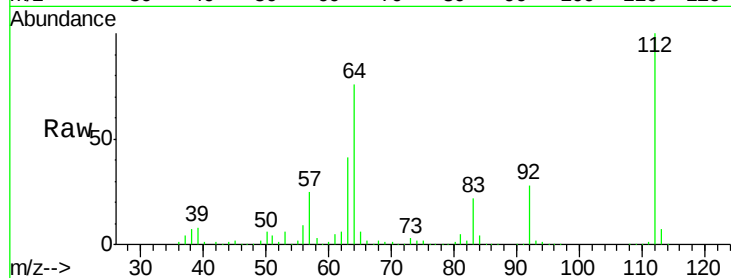
Tot Ion:112 Resp: 1180383

Ion Ratio Lower Upper

112 100

64 76.5 55.0 82.4

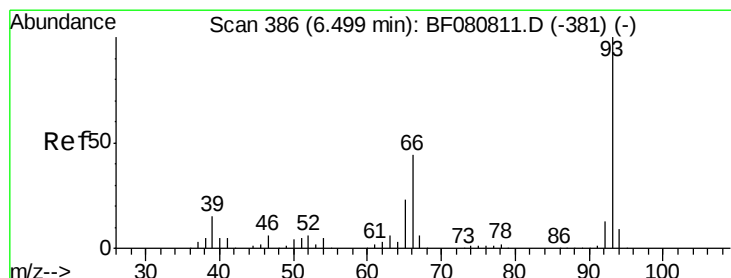
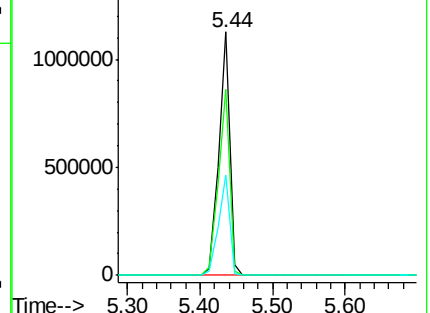
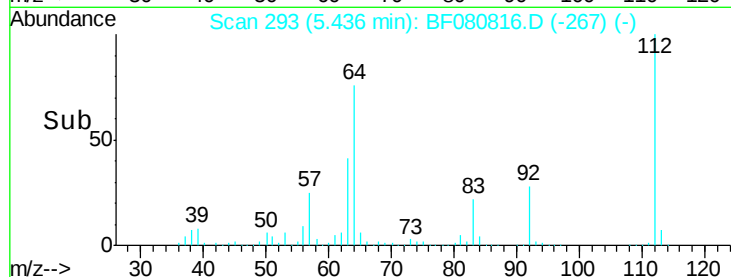
63 41.1 28.6 42.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.27 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

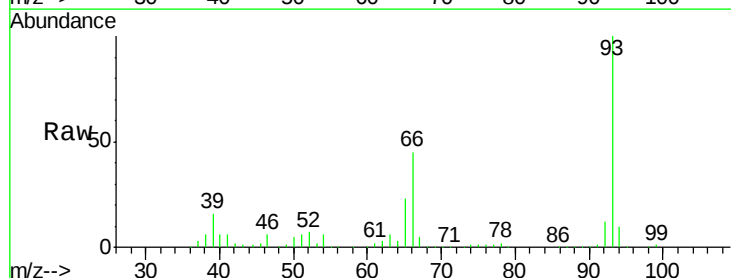
Tgt Ion: 93 Resp: 1143831

Ion Ratio Lower Upper

93 100

66 44.9 35.3 52.9

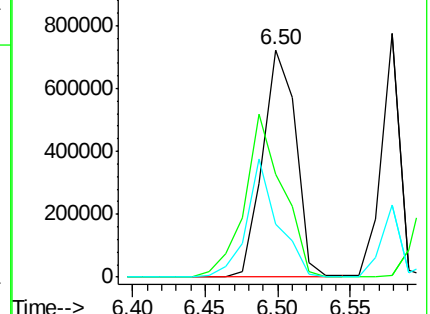
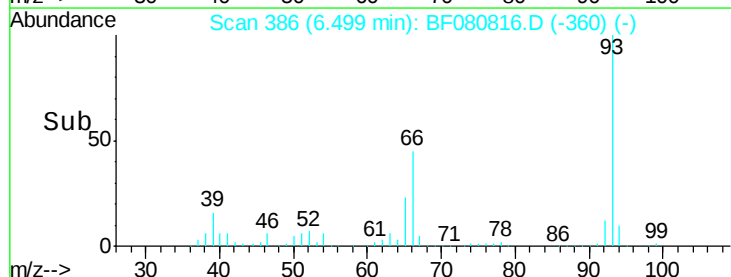
65 23.4 18.7 28.1

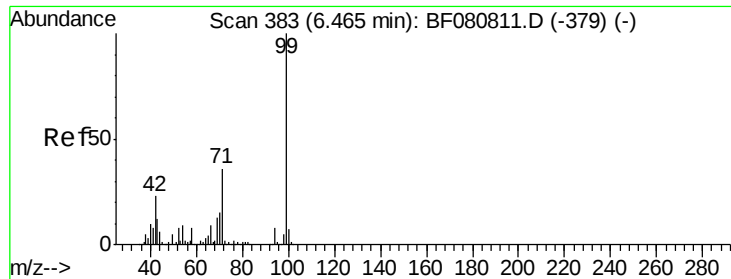


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.05 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

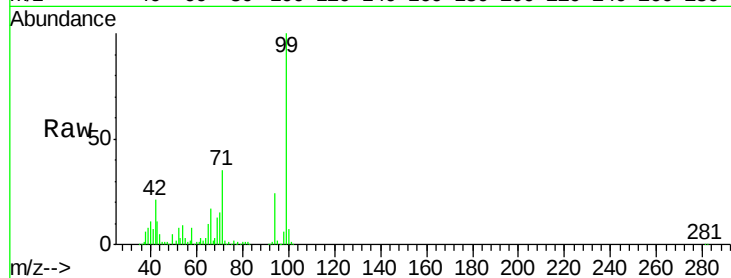
Tot Ion: 99 Resp: 1610594

Ion Ratio Lower Upper

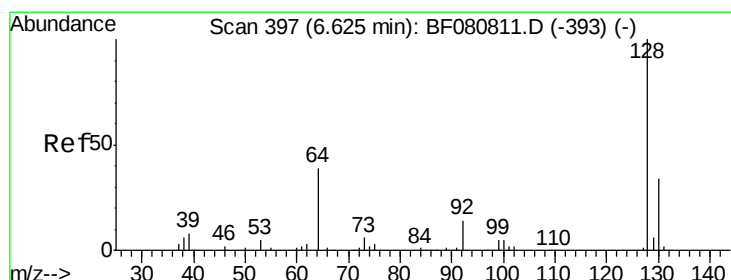
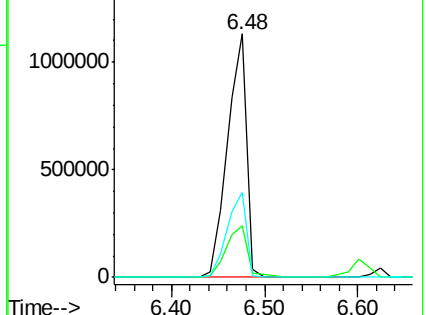
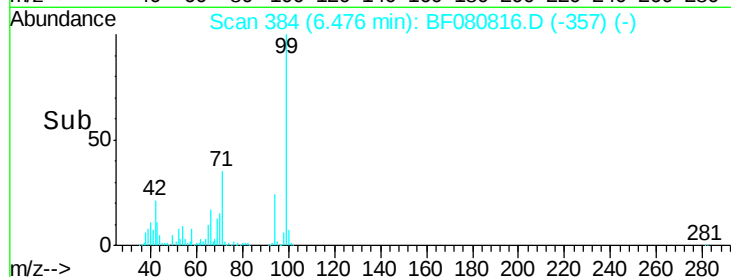
99 100

42 21.1 18.4 27.6

71 35.1 28.7 43.1



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: 39.07 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

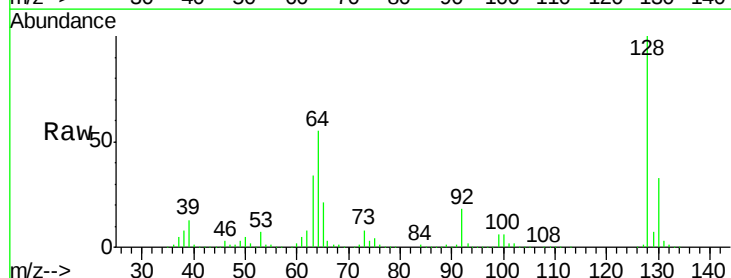
Tgt Ion: 128 Resp: 672711

Ion Ratio Lower Upper

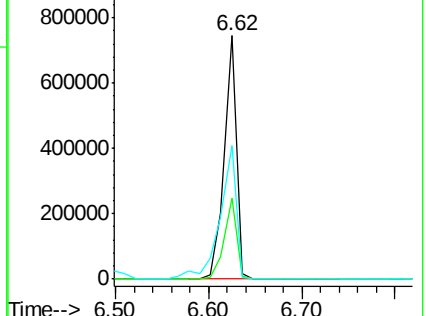
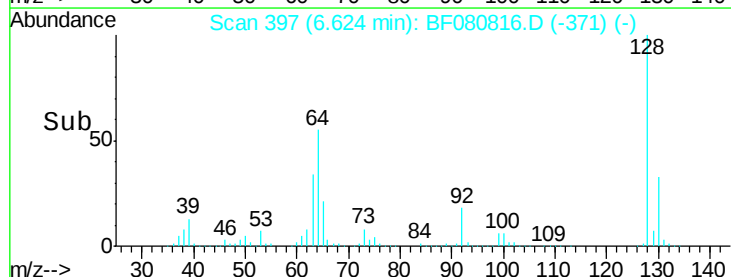
128 100

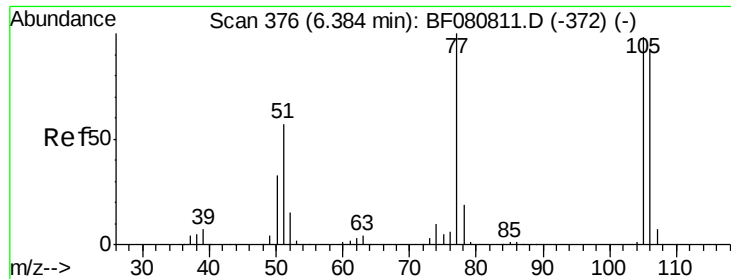
130 33.2 14.1 54.1

64 54.7 22.3 62.3



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

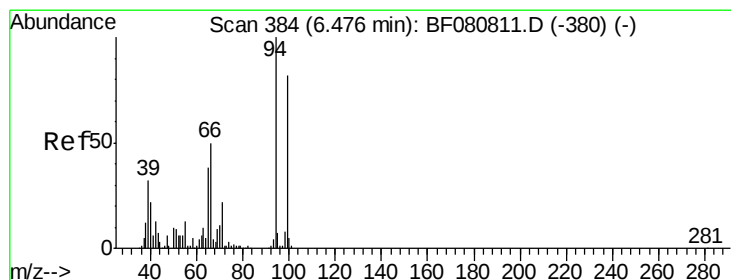
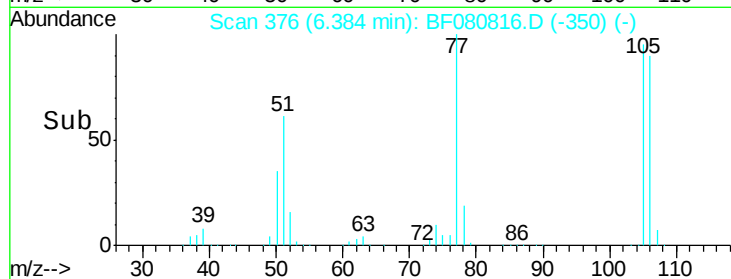
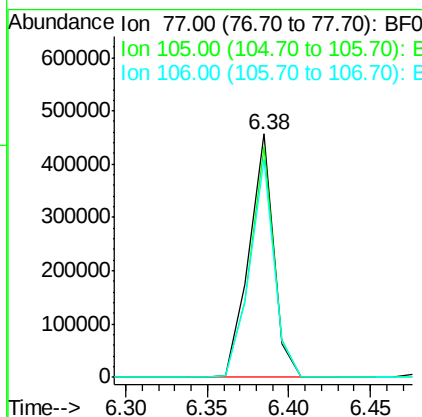
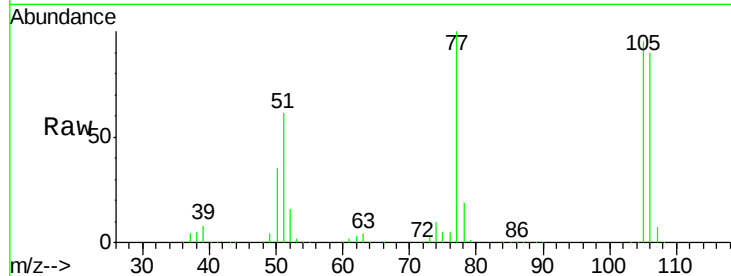




#9
Benzaldehyde
Concen: 38.81 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

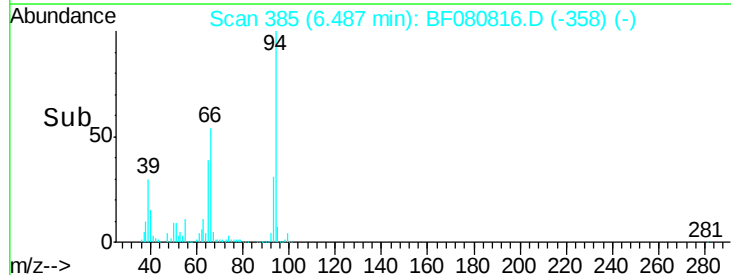
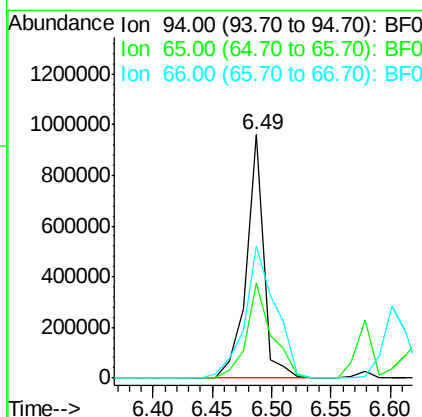
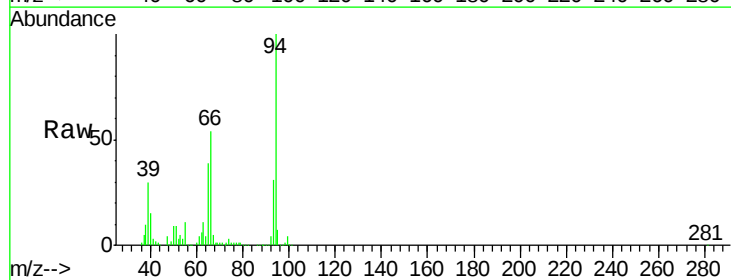
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

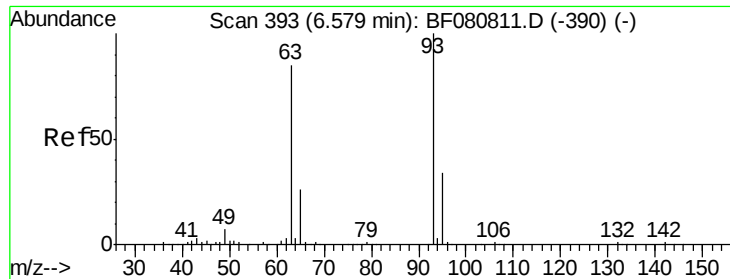
Tot Ion: 77 Resp: 479808
Ion Ratio Lower Upper
77 100
105 95.0 78.1 118.1
106 89.7 72.7 112.7



#10
Phenol
Concen: 40.29 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion: 94 Resp: 983465
Ion Ratio Lower Upper
94 100
65 39.1 17.5 57.5
66 54.1 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 38.19 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

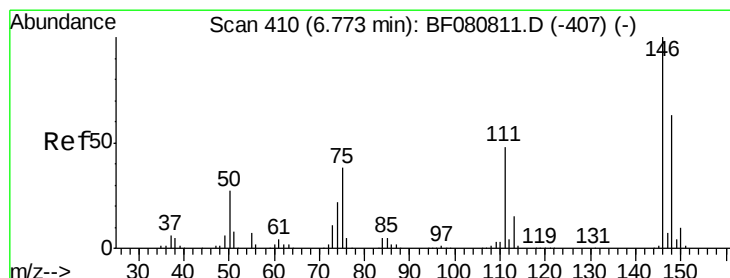
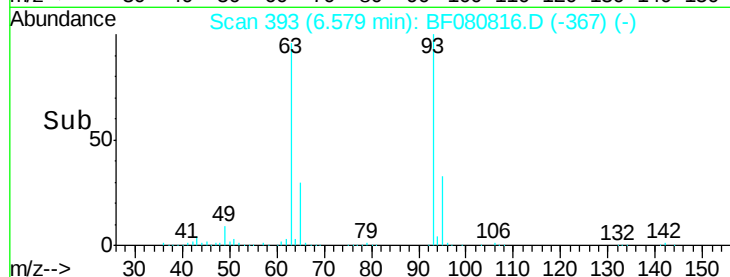
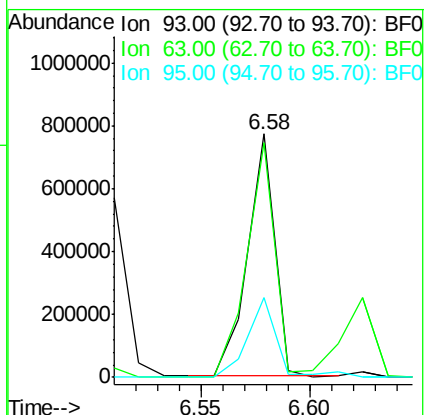
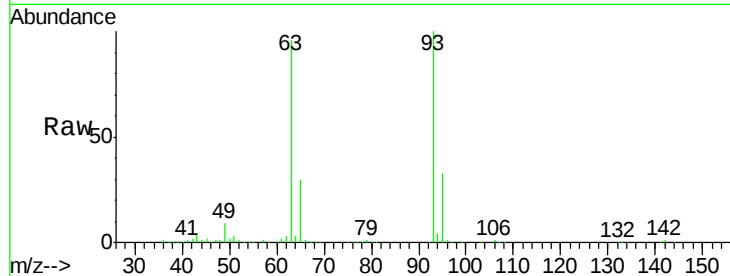
Tot Ion: 93 Resp: 668467

Ion Ratio Lower Upper

93 100

63 96.5 64.9 104.9

95 32.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 36.27 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

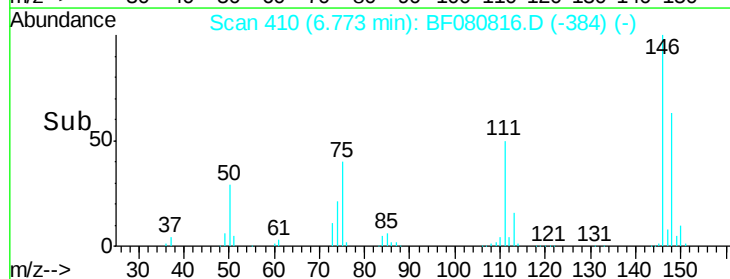
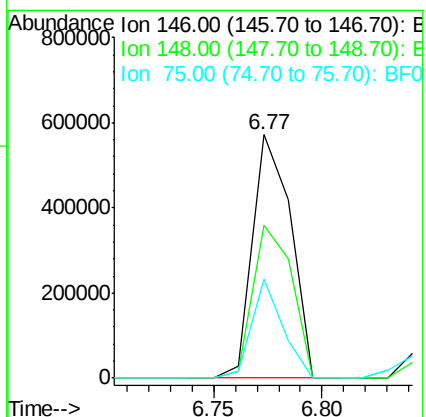
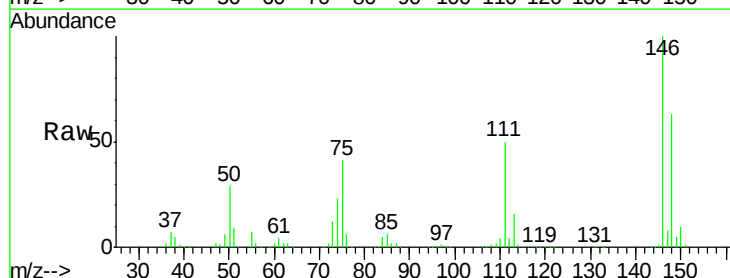
Tgt Ion: 146 Resp: 700095

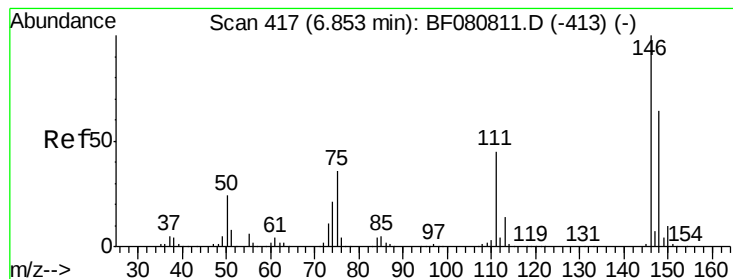
Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

75 40.6 30.7 46.1





#13

1,4-Dichlorobenzene

Concen: 35.49 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

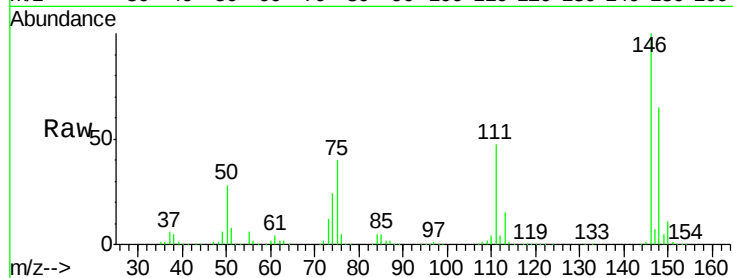
Tot Ion:146 Resp: 682570

Ion Ratio Lower Upper

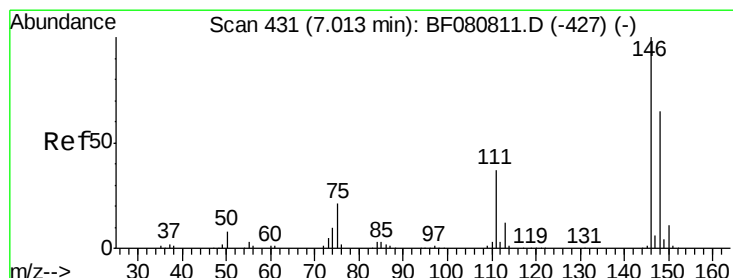
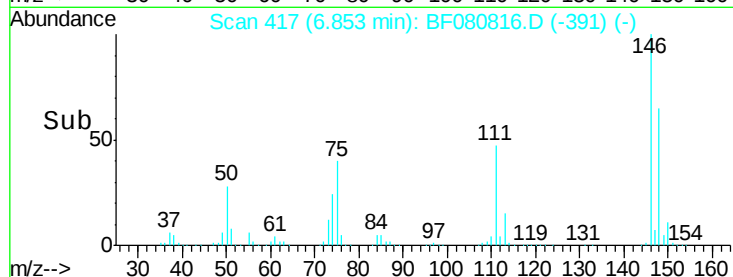
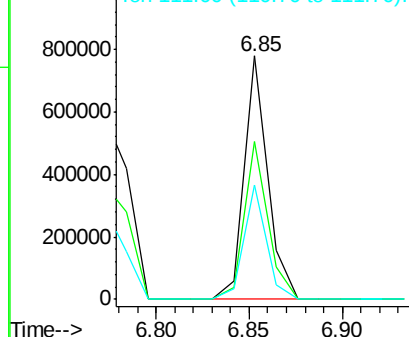
146 100

148 65.0 51.3 76.9

111 46.7 35.8 53.8



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: 38.92 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

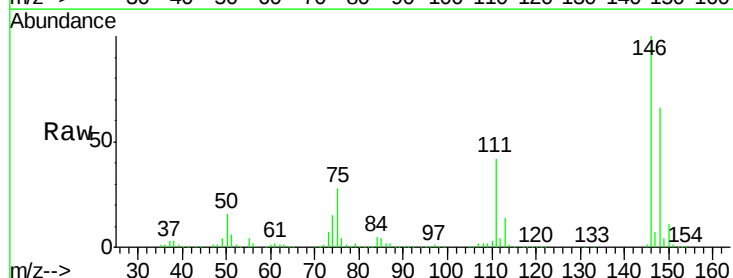
Tgt Ion:146 Resp: 692430

Ion Ratio Lower Upper

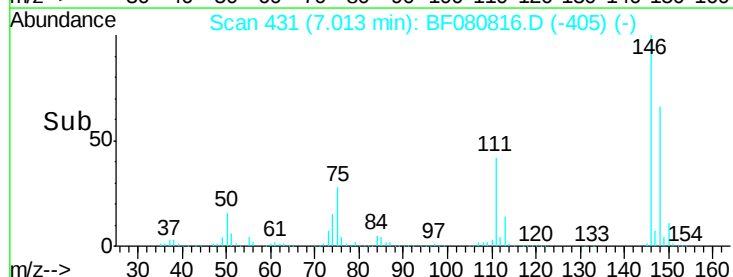
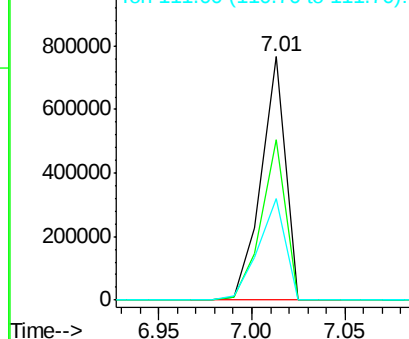
146 100

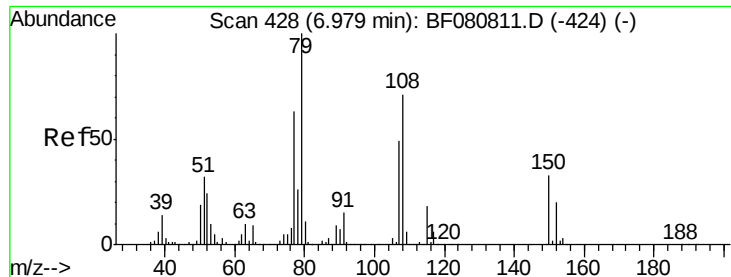
148 65.7 52.0 78.0

111 41.9 29.3 43.9



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





#15

Benzyl Alcohol

Concen: 38.68 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

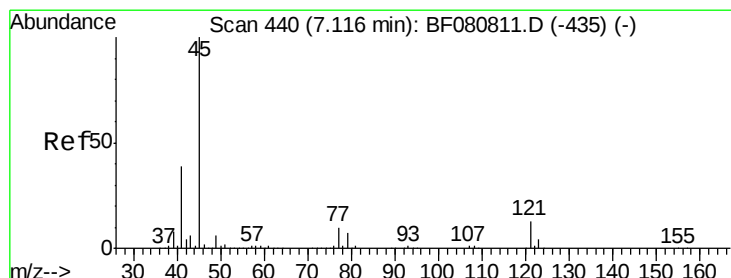
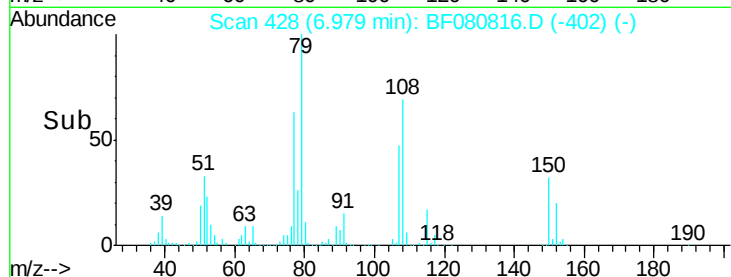
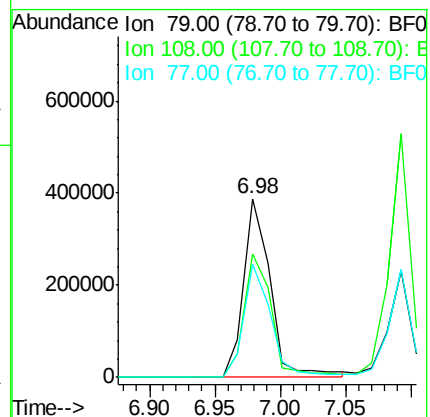
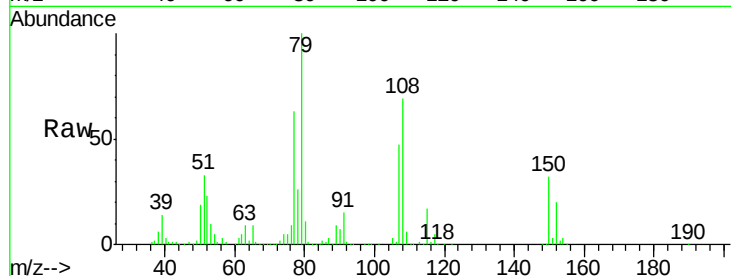
Tot Ion: 79 Resp: 549023

Ion Ratio Lower Upper

79 100

108 69.0 56.9 85.3

77 63.3 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.22 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

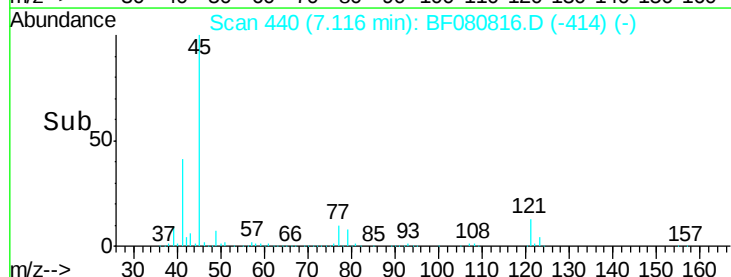
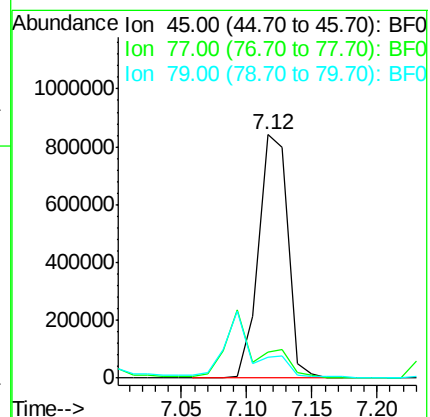
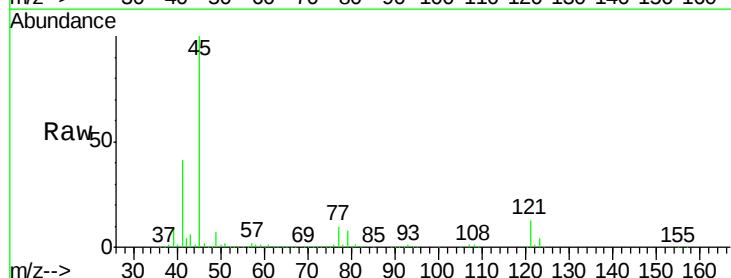
Tgt Ion: 45 Resp: 1322884

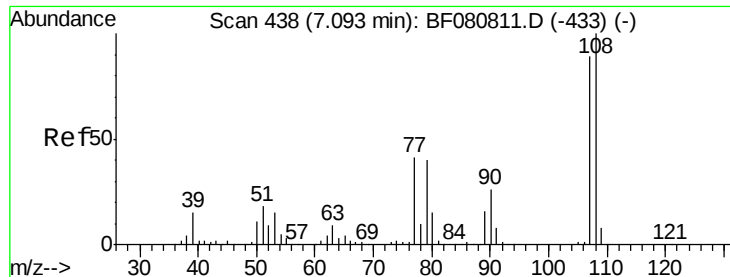
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.5

79 8.4 0.0 28.2





#17

2-Methylphenol

Concen: 35.74 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

Tot Ion:107 Resp: 542570

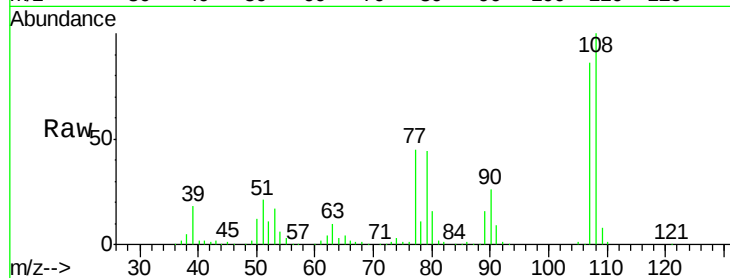
Ion Ratio Lower Upper

107 100

108 115.7 90.6 135.8

77 51.5 37.8 56.8

79 50.6 37.4 56.0

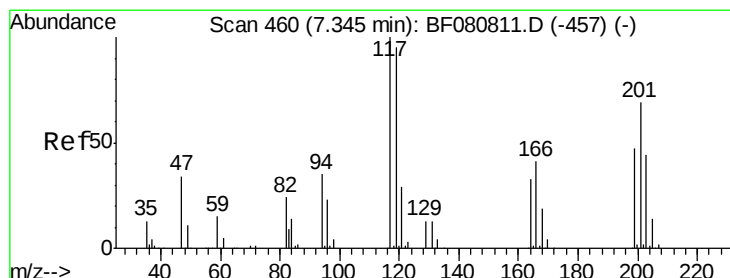
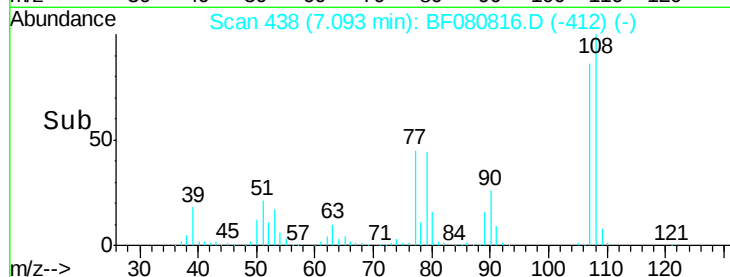
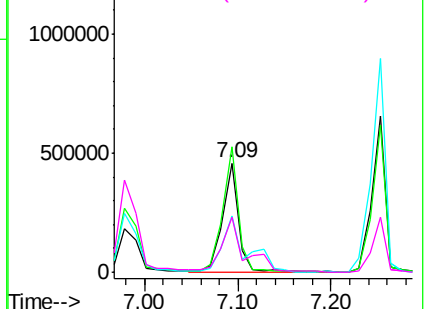


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.51 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

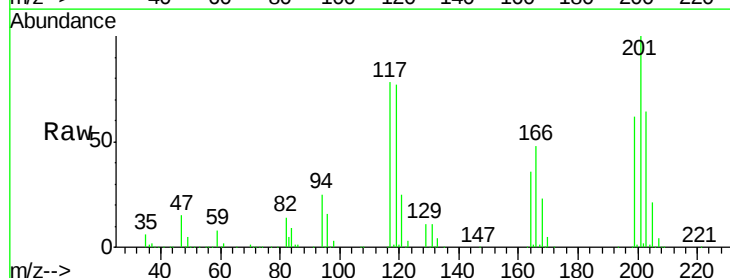
Tgt Ion:117 Resp: 265943

Ion Ratio Lower Upper

117 100

119 98.4 76.3 114.5

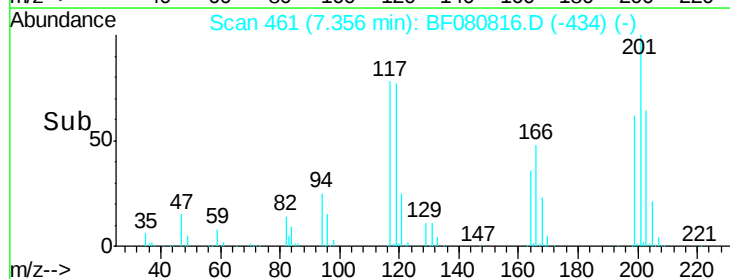
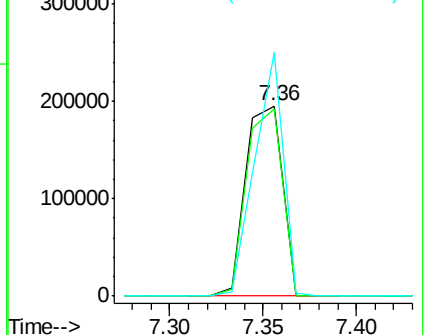
201 127.9 55.5 83.3#

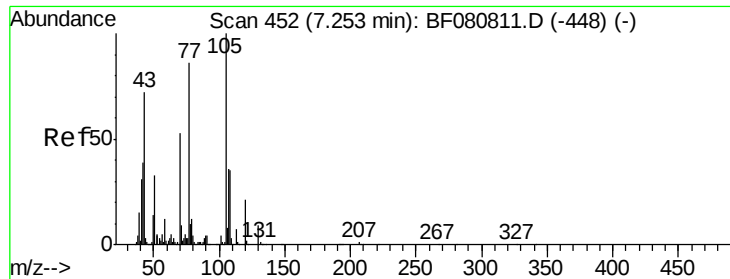


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

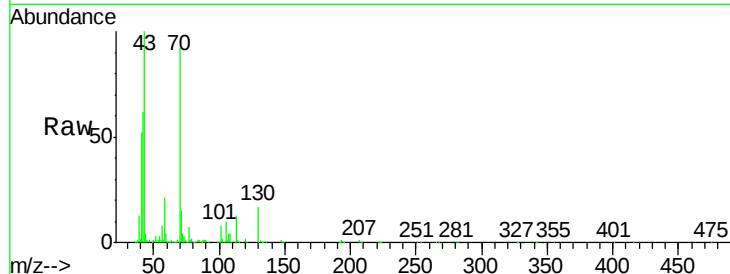




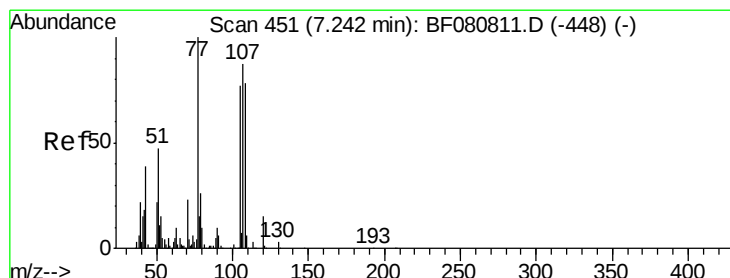
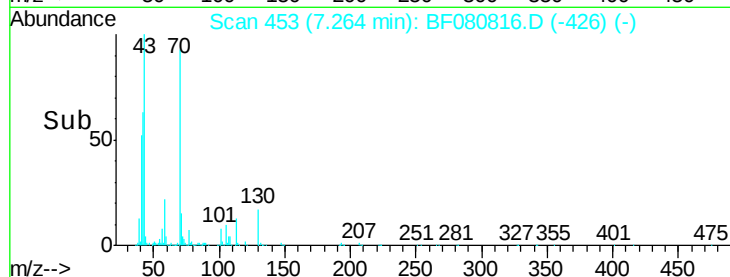
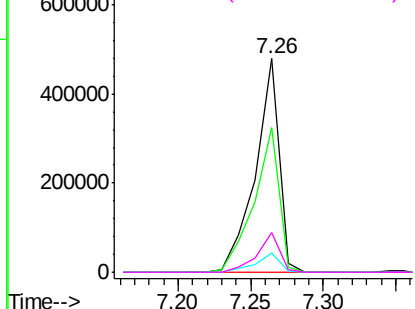
#19
n-Nitroso-di-n-propylamine
Concen: 40.25 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:	70	Resp:	544259
Ion	Ratio	Lower	Upper
70	100		
42	67.6	59.1	88.7
101	8.9	6.6	10.0
130	18.4	12.9	19.3

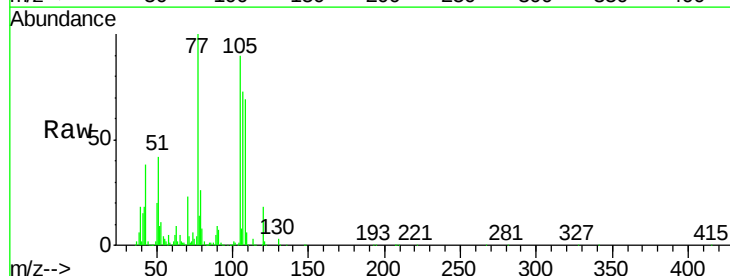


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

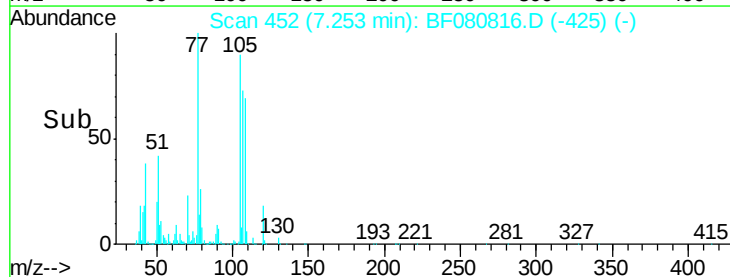
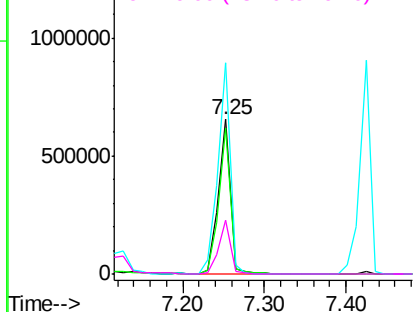


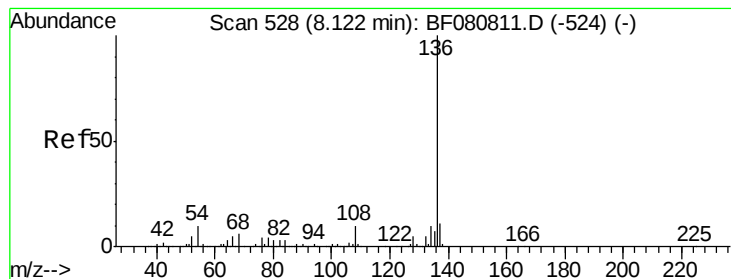
#20
3+4-Methylphenols
Concen: 37.81 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:	107	Resp:	666615
Ion	Ratio	Lower	Upper
107	100		
108	94.6	69.6	109.6
77	137.1	94.9	134.9#
79	35.2	10.3	50.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

Tot Ion:136 Resp: 948736

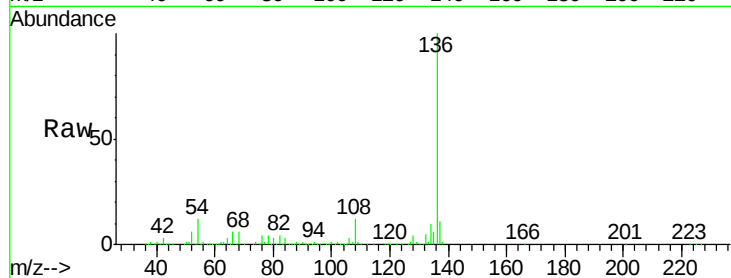
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.6 7.9 11.9

68 6.1 4.4 6.6

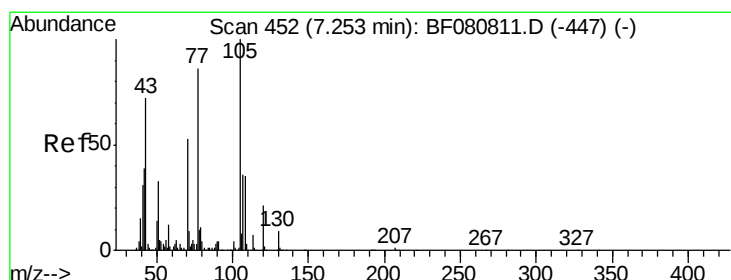
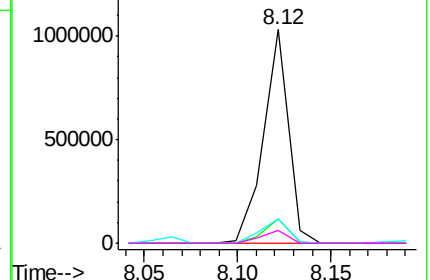
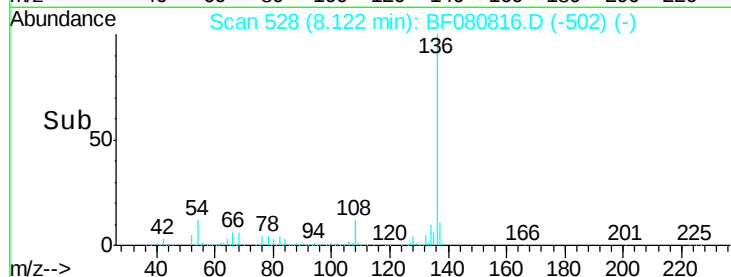


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.47 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Tgt Ion:105 Resp: 840145

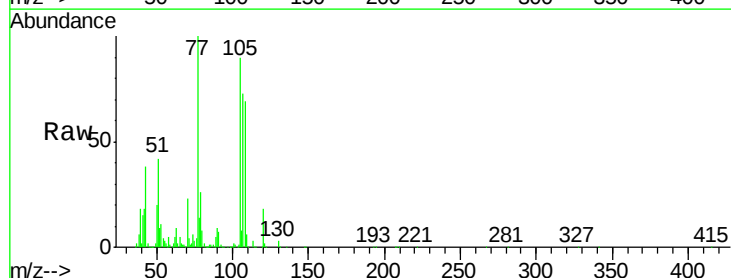
Ion Ratio Lower Upper

105 100

71 4.2 7.1 10.7#

51 47.2 26.5 39.7#

120 20.4 17.0 25.6

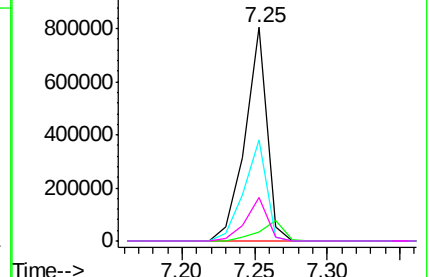
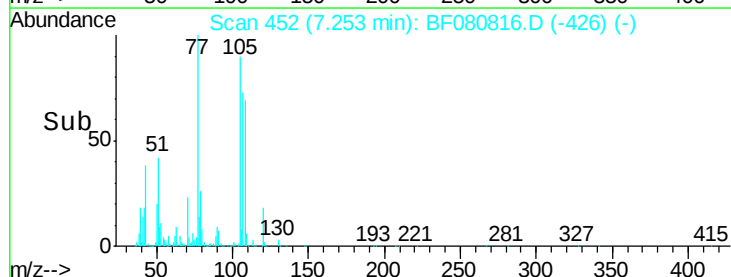


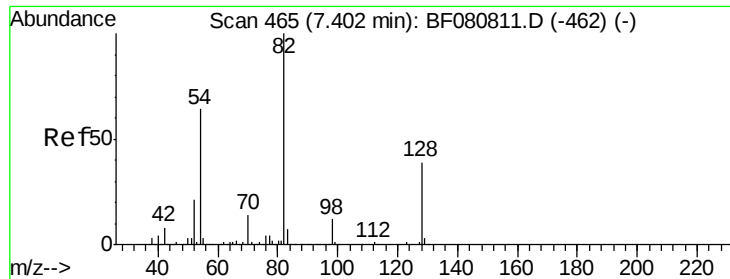
Abundance Ion 105.00 (104.70 to 105.70): E

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

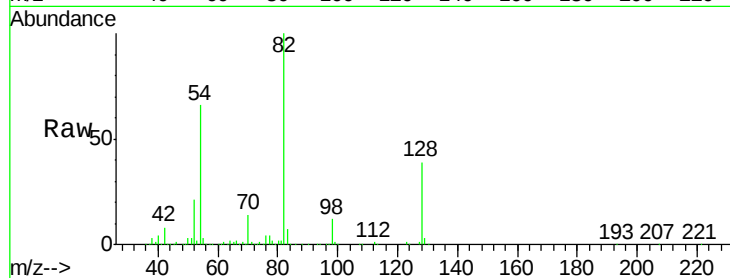




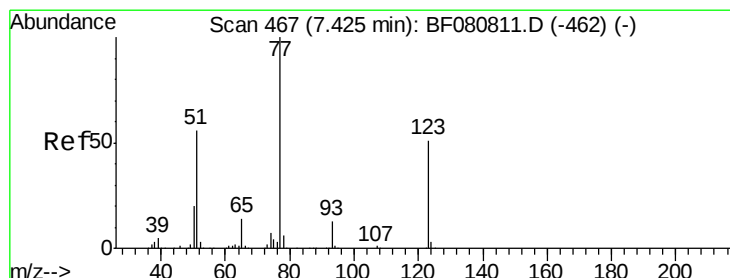
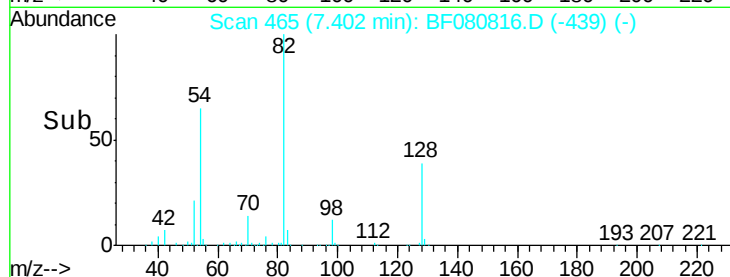
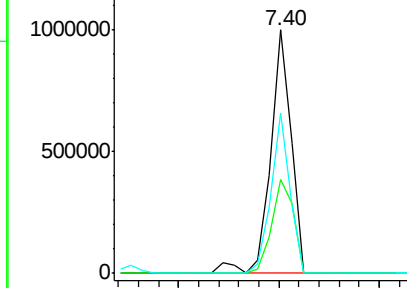
#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion: 82 Resp: 1420443
 Ion Ratio Lower Upper
 82 100
 128 38.5 31.4 47.0
 54 65.8 51.0 76.4

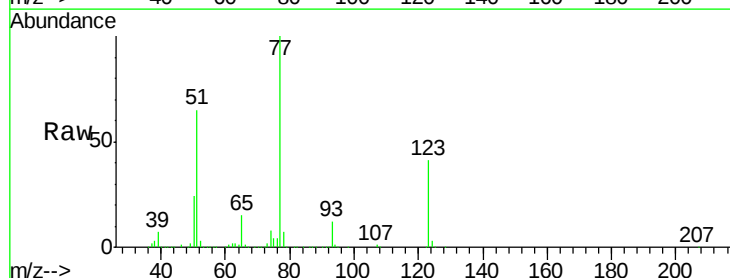


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

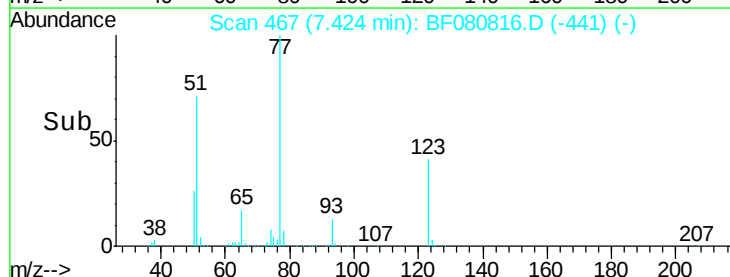
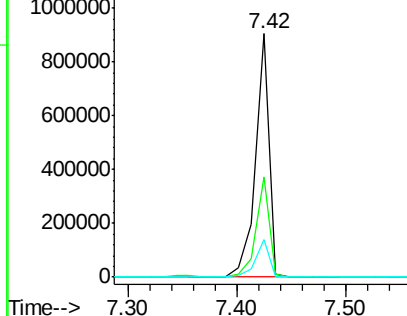


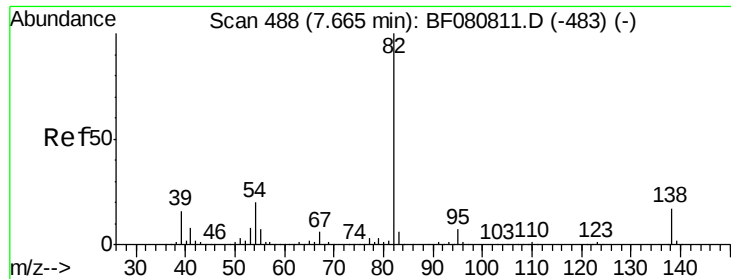
#24
 Nitrobenzene
 Concen: 40.42 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion: 77 Resp: 793043
 Ion Ratio Lower Upper
 77 100
 123 41.2 40.7 61.1
 65 15.5 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.68 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

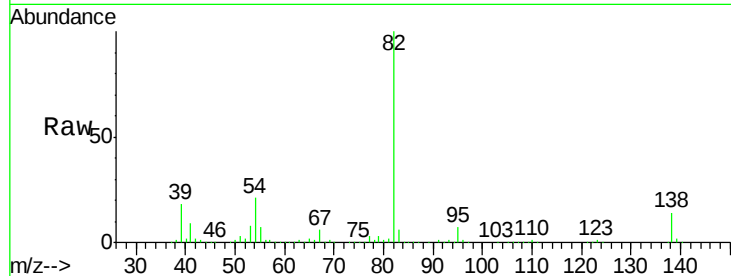
Tot Ion: 82 Resp: 1295570

Ion Ratio Lower Upper

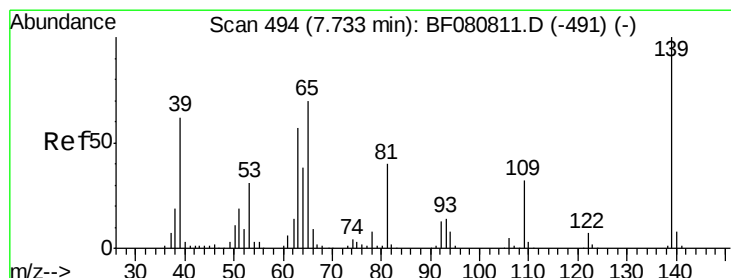
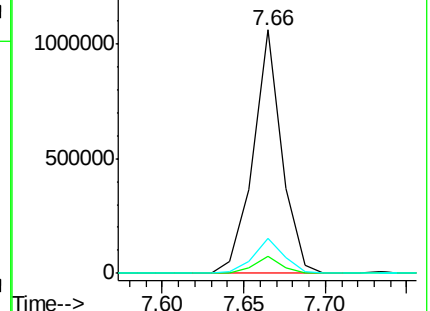
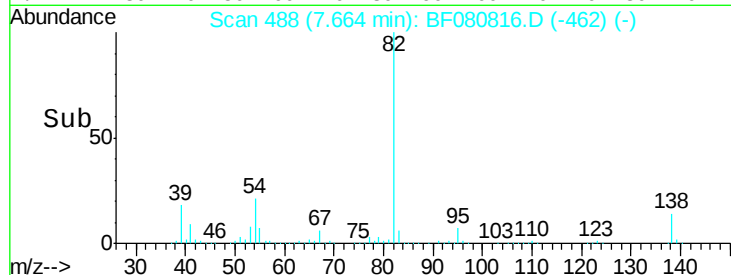
82 100

95 7.2 5.9 8.9

138 14.3 13.4 20.2



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: 36.17 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

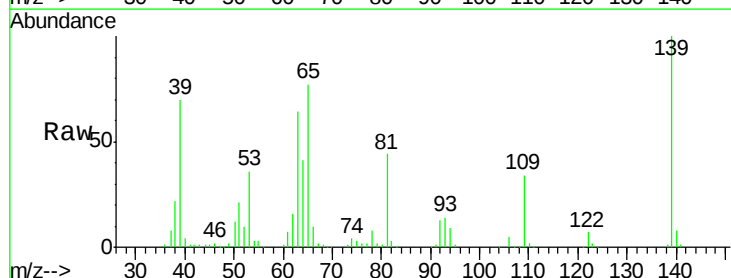
Tgt Ion: 139 Resp: 303370

Ion Ratio Lower Upper

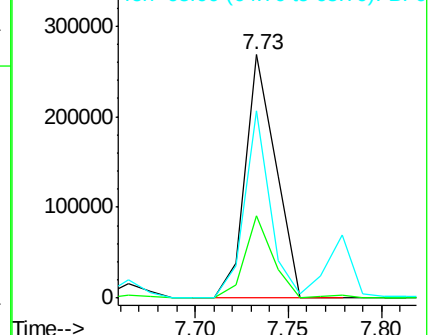
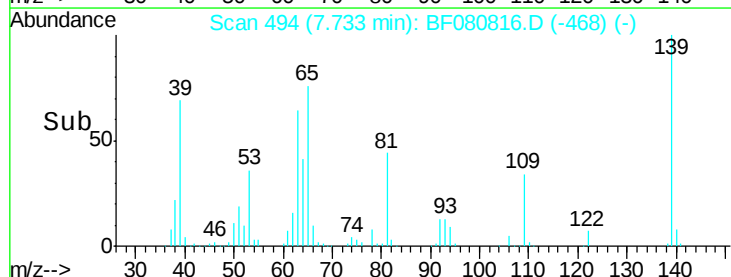
139 100

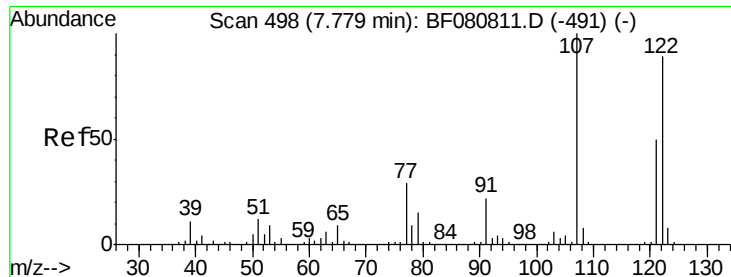
109 34.0 25.3 37.9

65 76.8 56.2 84.4



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

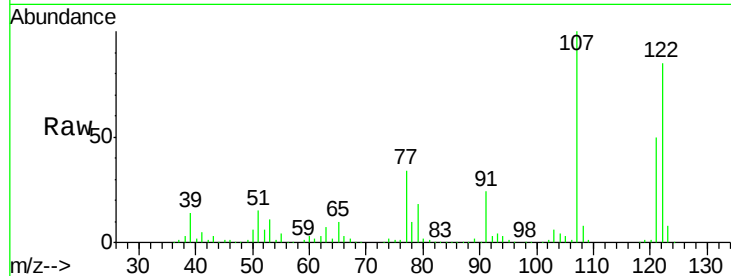




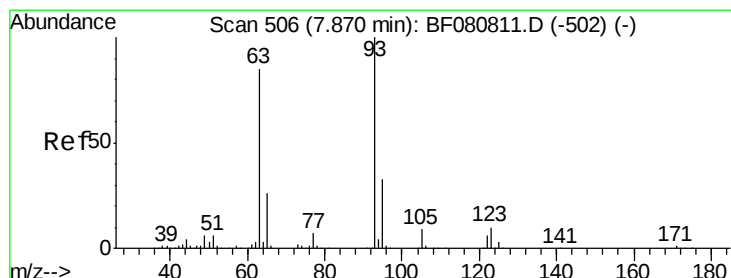
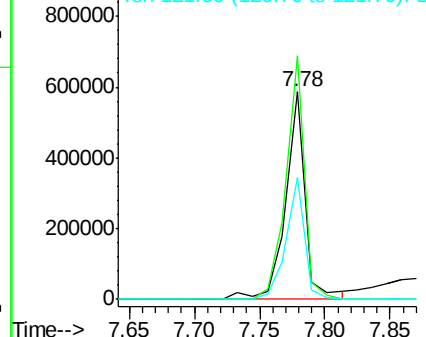
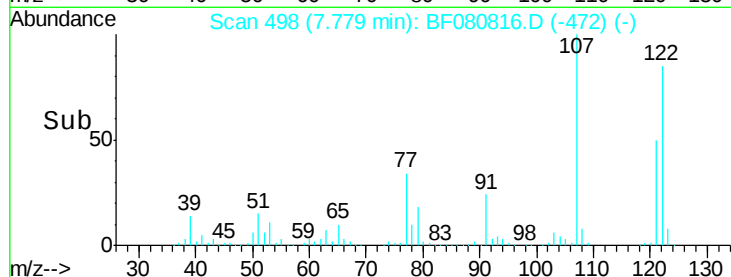
#27
 2,4-Dimethylphenol
 Concen: 38.83 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:122 Resp: 620565
 Ion Ratio Lower Upper
 122 100
 107 117.4 90.2 135.4
 121 58.8 45.4 68.2

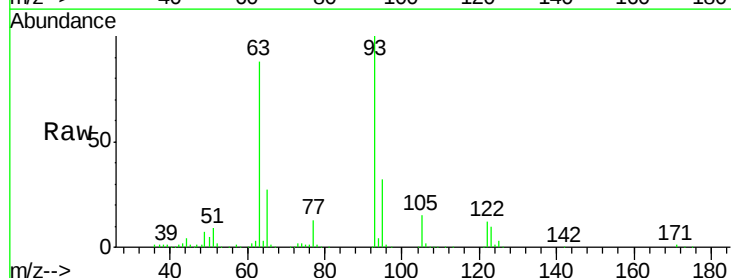


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

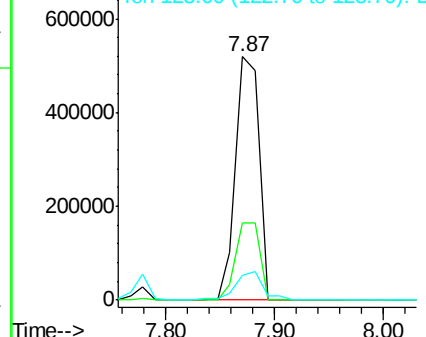
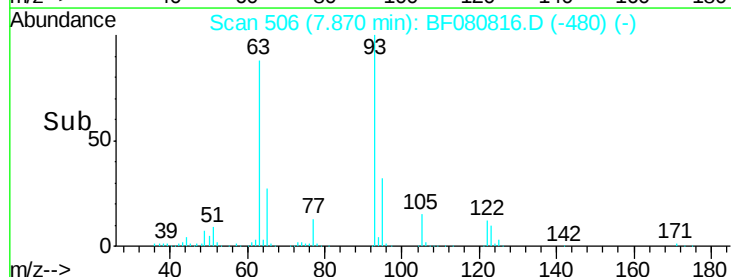


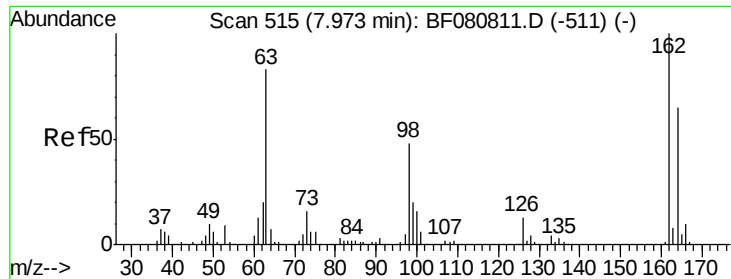
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.90 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion: 93 Resp: 766612
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.1 39.1
 123 10.0 8.0 12.0



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

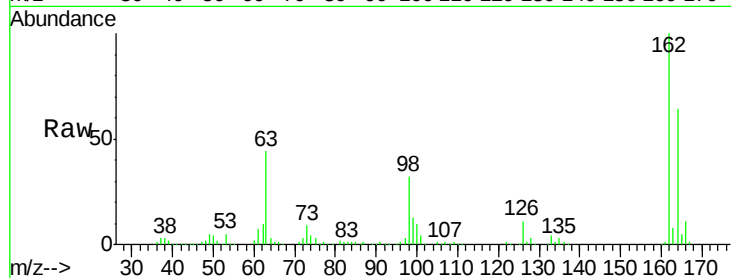




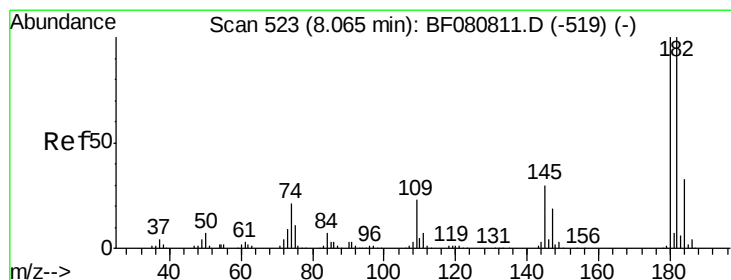
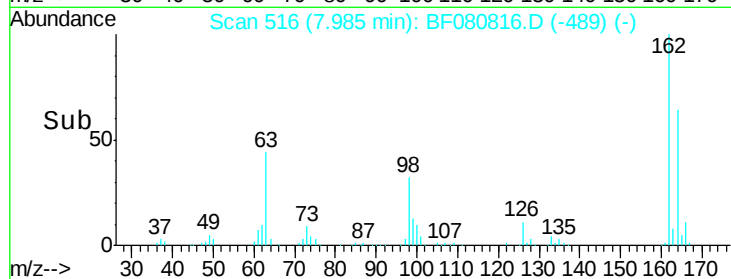
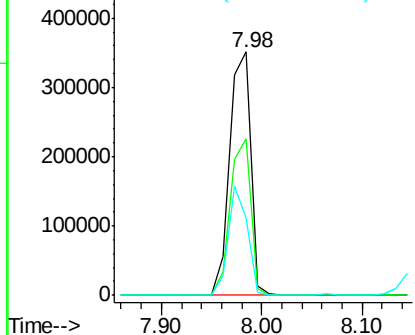
#29
2,4-Dichlorophenol
Concen: 38.23 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:162 Resp: 511244
Ion Ratio Lower Upper
162 100
164 64.1 45.3 85.3
98 31.9 27.7 67.7

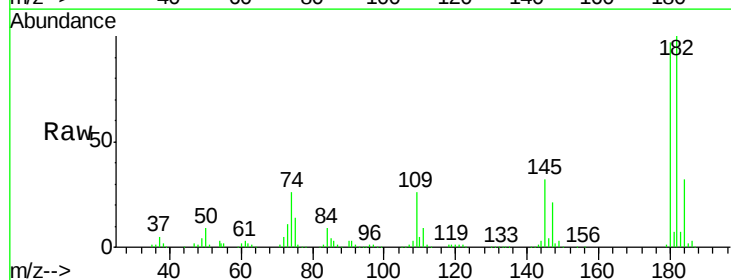


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

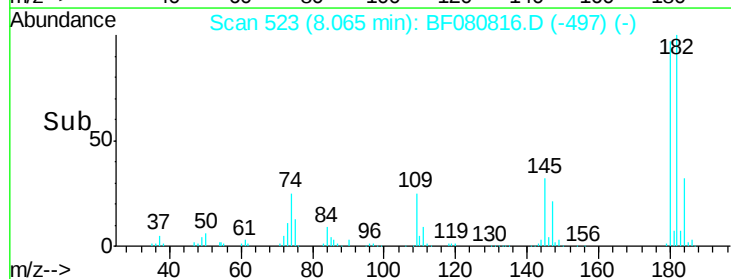
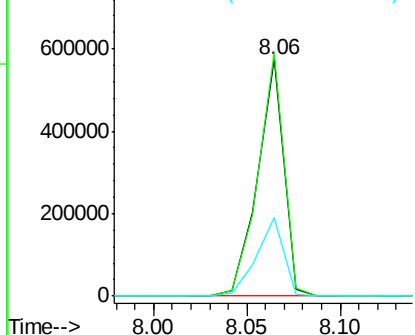


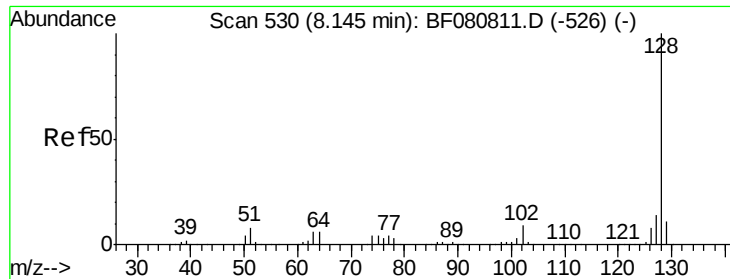
#30
1,2,4-Trichlorobenzene
Concen: 37.98 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:180 Resp: 554391
Ion Ratio Lower Upper
180 100
182 102.7 79.7 119.5
145 32.9 23.8 35.8



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

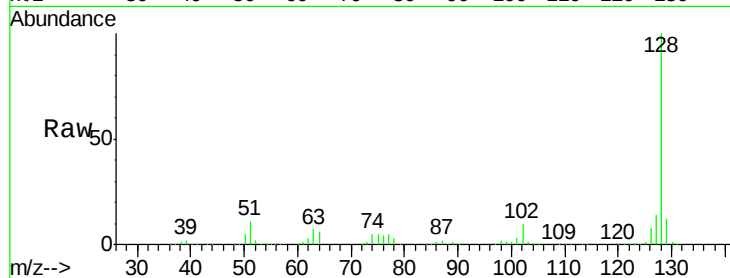




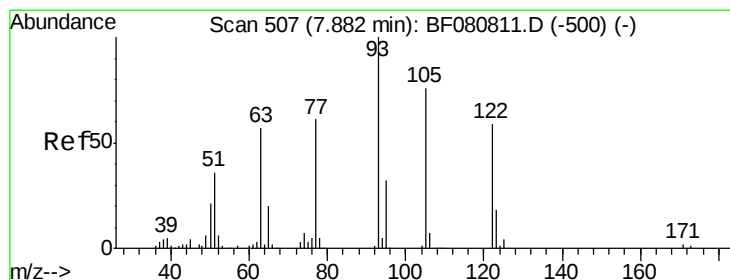
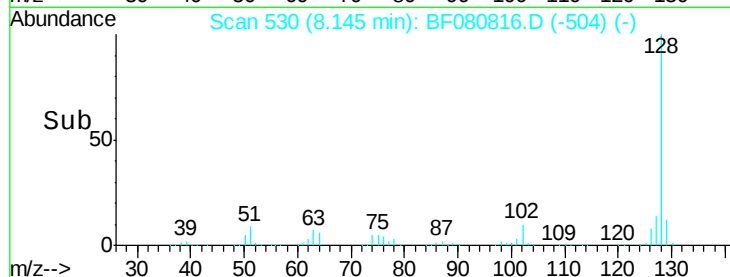
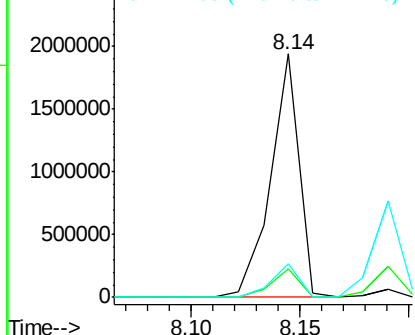
#31
Naphthalene
Concen: 38.09 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:128 Resp: 1775603
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.0 10.8 16.2

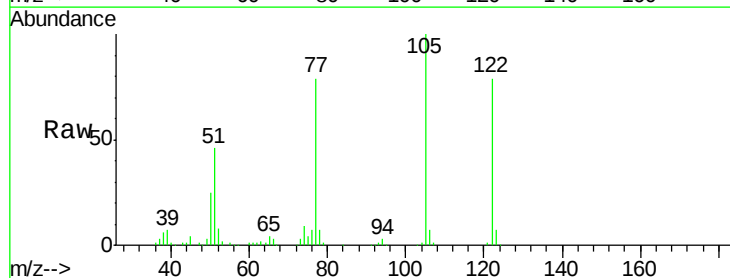


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

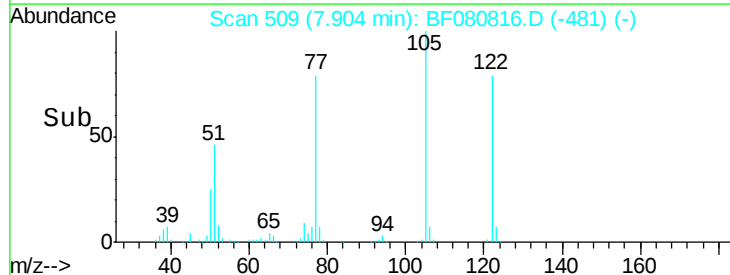
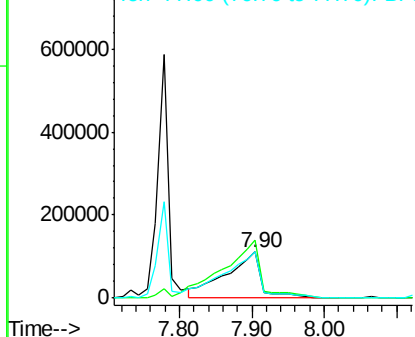


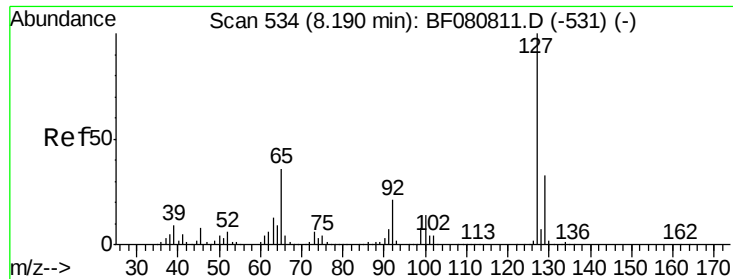
#32
Benzoic acid
Concen: 39.06 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.02 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:122 Resp: 378087
Ion Ratio Lower Upper
122 100
105 126.2 102.3 142.3
77 99.5 81.2 121.2



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

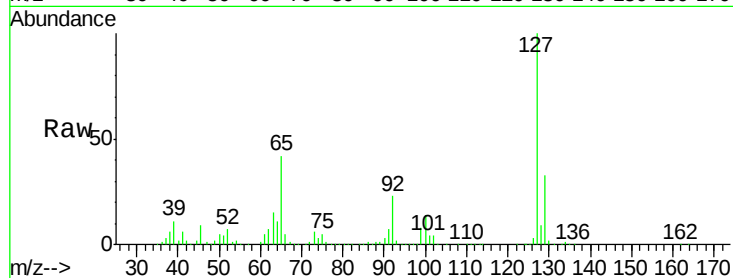




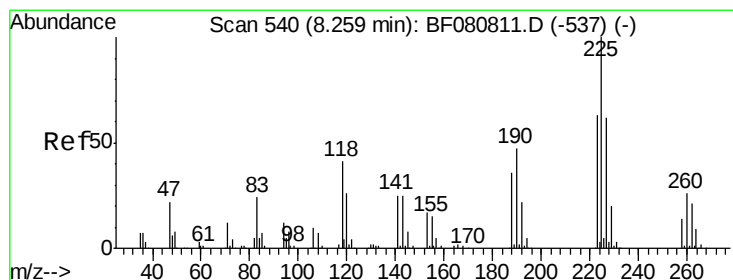
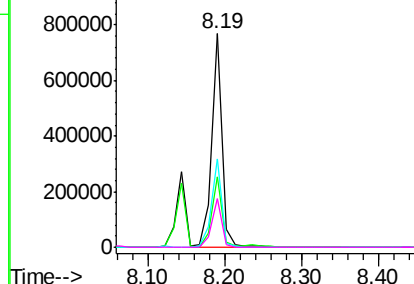
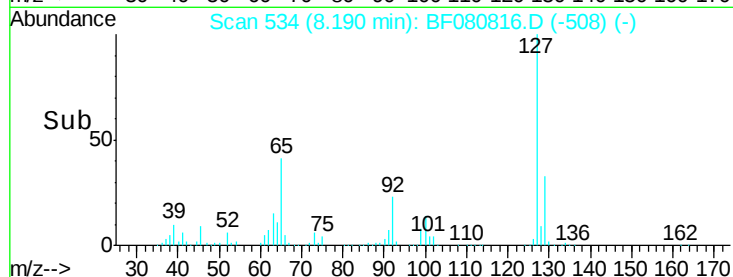
#33
4-Chloroaniline
Concen: 35.72 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:	127	Resp:	700473
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	41.6	28.9	43.3
92	22.7	16.7	25.1

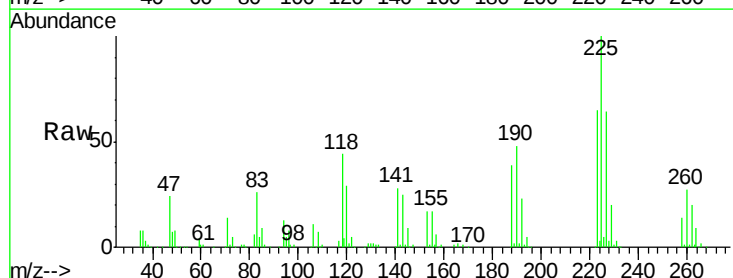


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
1000000
Ion 65.00 (64.70 to 65.70): BF0
800000
Ion 92.00 (91.70 to 92.70): BF0

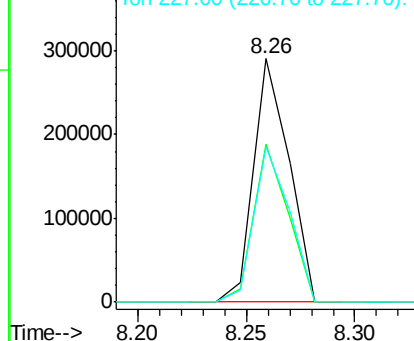
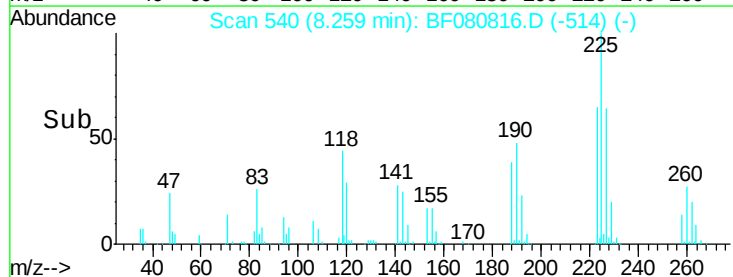


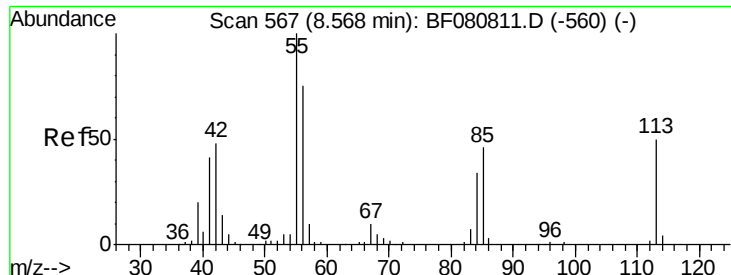
#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:	225	Resp:	329090
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.2
227	64.0	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
300000
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.52 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

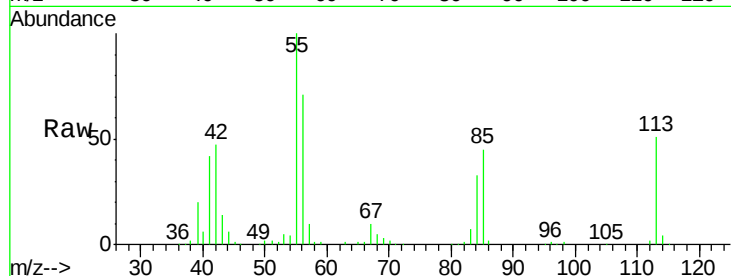
Tot Ion:113 Resp: 150100

Ion Ratio Lower Upper

113 100

55 196.2 179.0 219.0

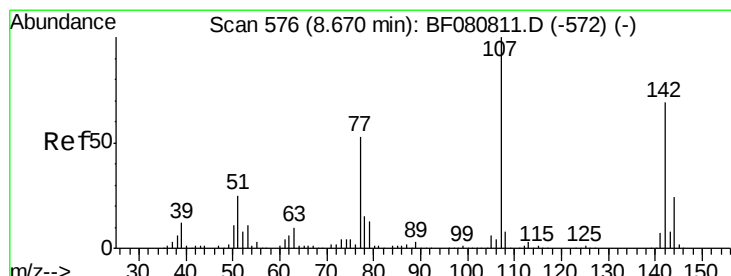
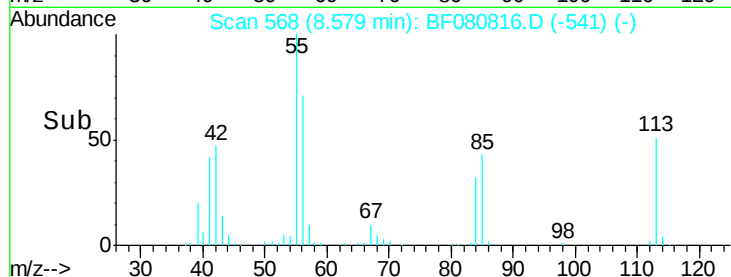
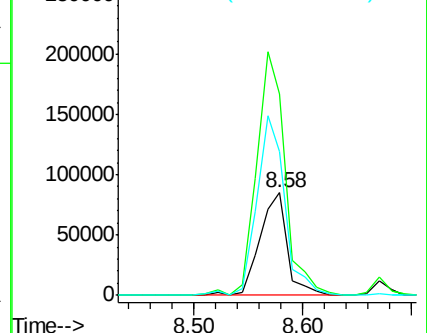
56 140.2 128.2 168.2



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: 34.73 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

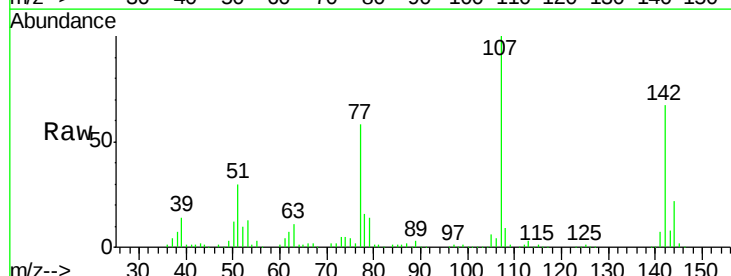
Tgt Ion:107 Resp: 494587

Ion Ratio Lower Upper

107 100

144 22.2 19.0 28.4

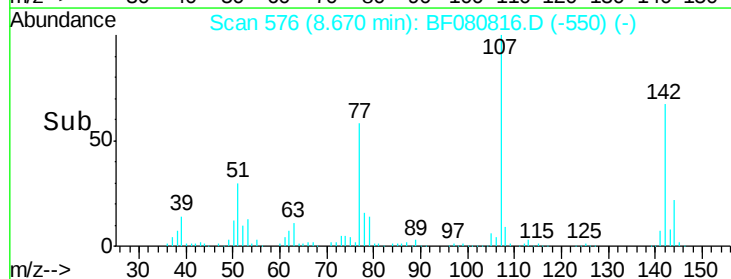
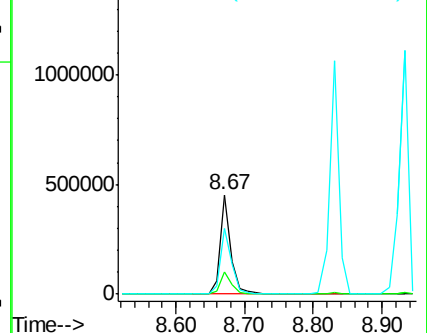
142 66.6 54.9 82.3

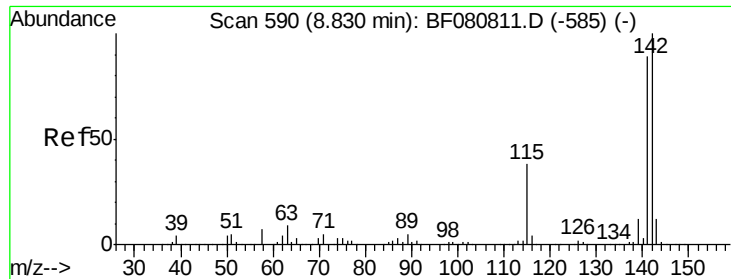


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

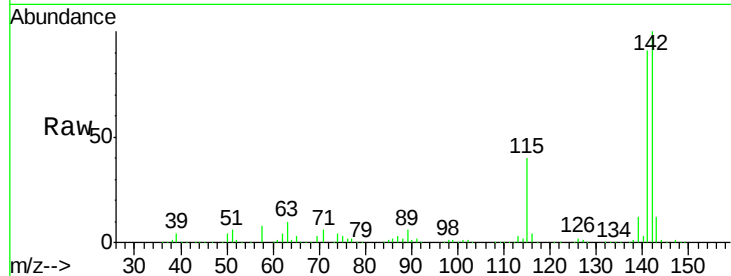




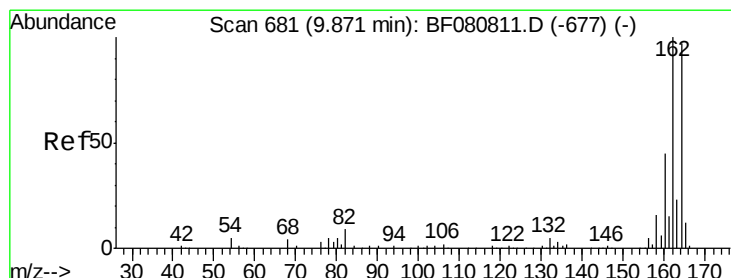
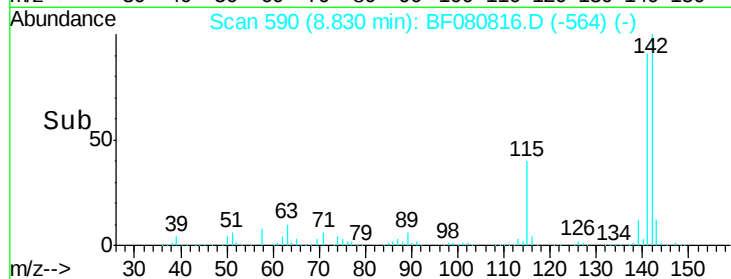
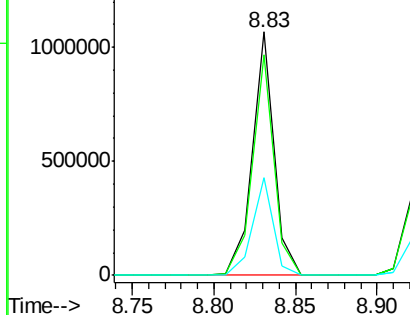
#37
 2-Methylnaphthalene
 Concen: 33.87 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	40.3	30.6	45.8

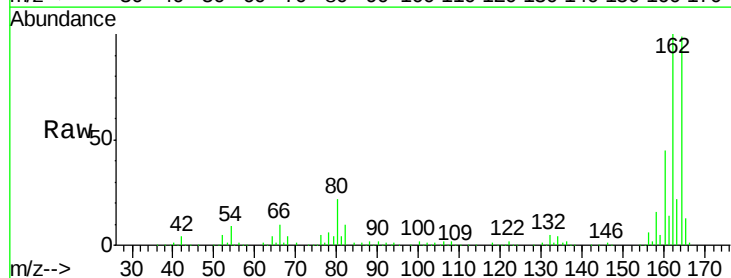


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

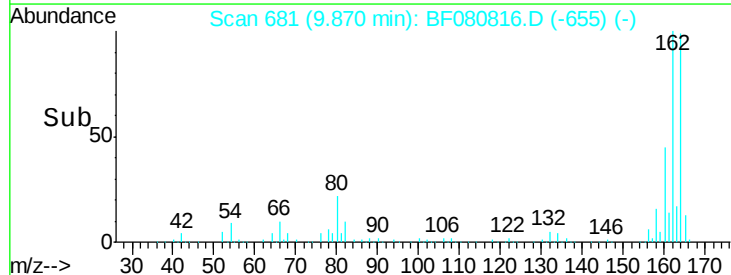
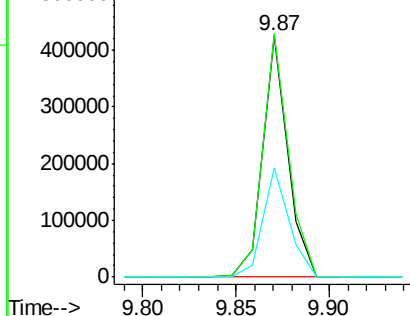


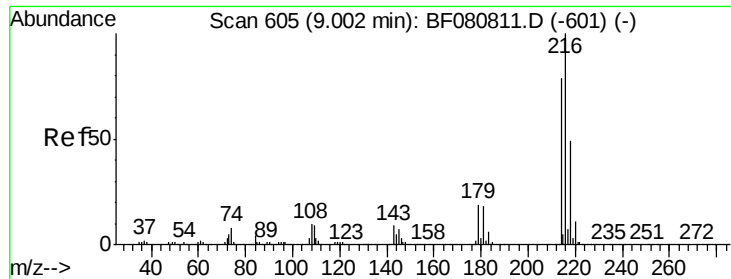
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.3	123.5
160	45.3	37.3	55.9



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: 41.99 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

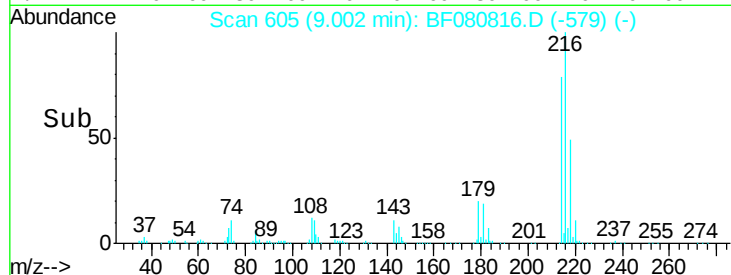
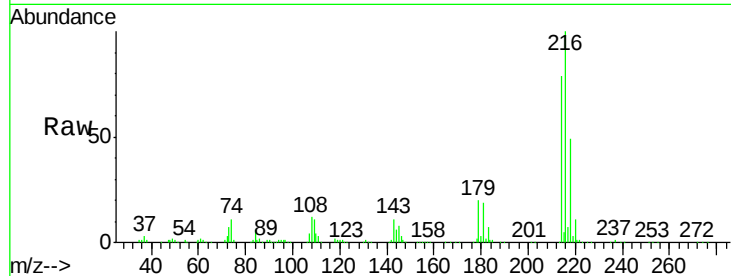
BNA_F

ClientSampleId :

ICVBF080315

Tot Ion:216 Resp: 524330

Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.0	96.0
179	21.6	16.9	25.3
108	18.7	14.9	22.3

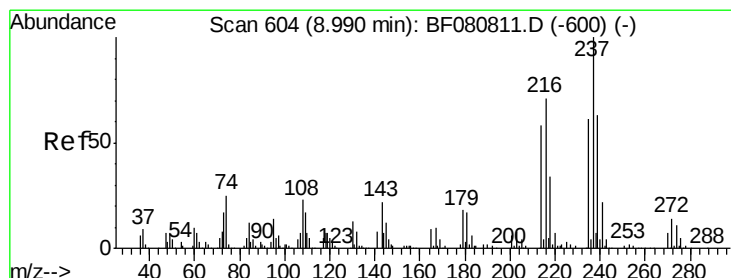
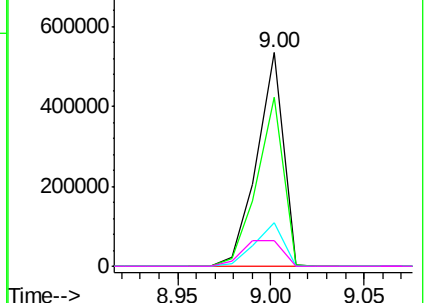


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.58 ng

RT: 8.99 min Scan# 604

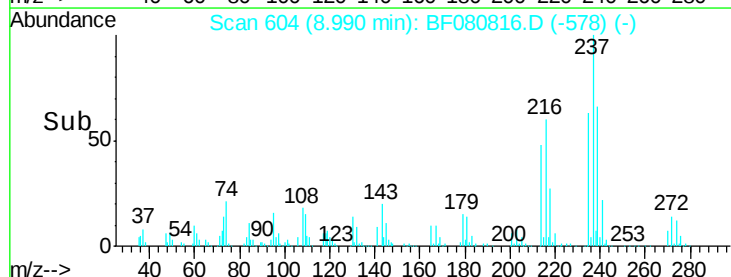
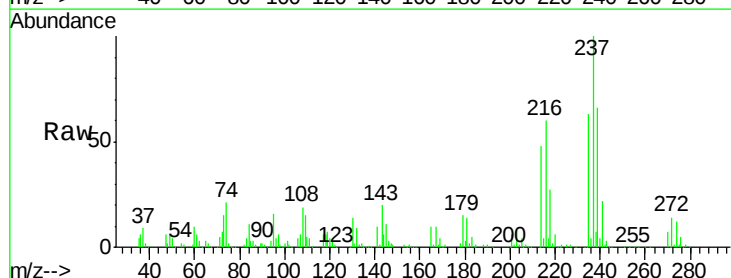
Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Tgt Ion:237 Resp: 325292

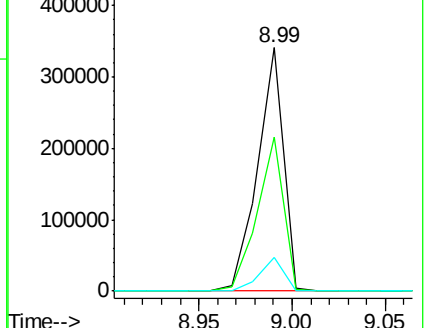
Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.5	81.5
272	13.6	0.0	33.7

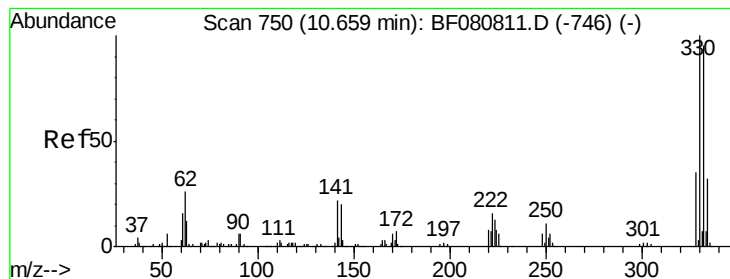


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 82.83 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

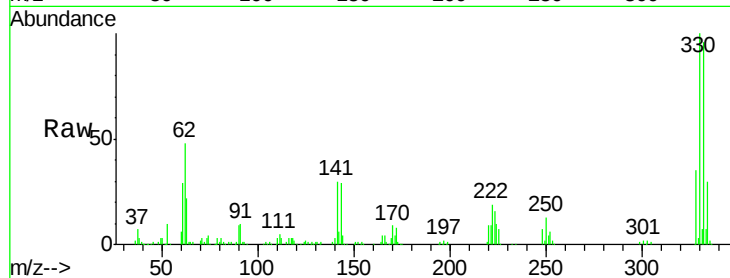
Tot Ion:330 Resp: 312111

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

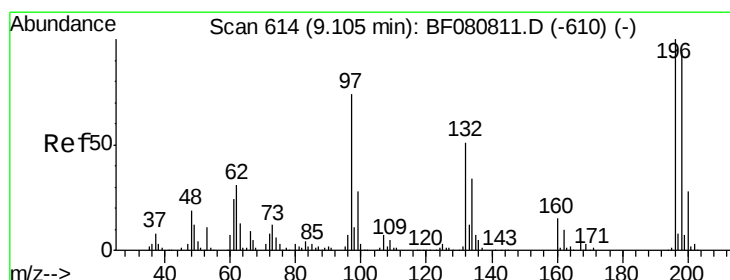
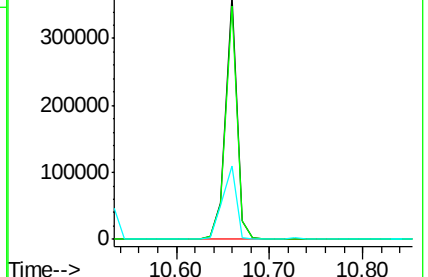
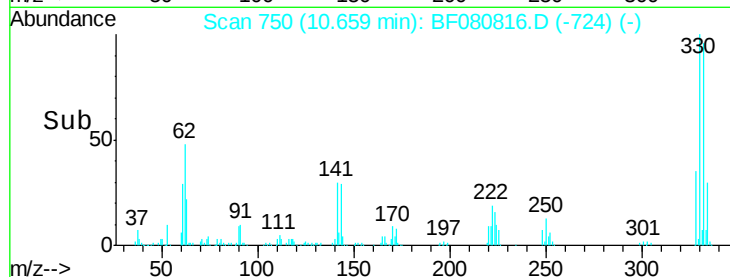
141 36.5 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.28 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

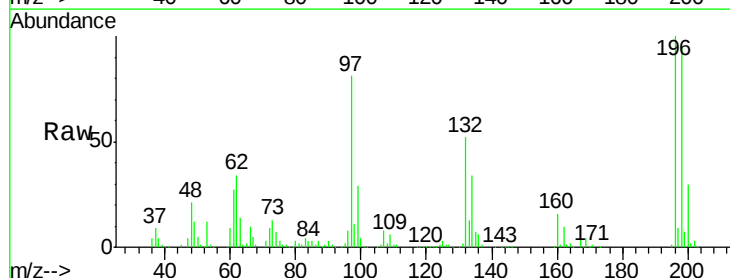
Tgt Ion:196 Resp: 339479

Ion Ratio Lower Upper

196 100

198 94.5 75.3 112.9

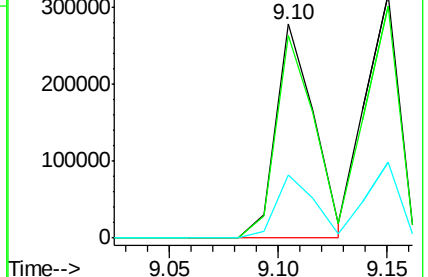
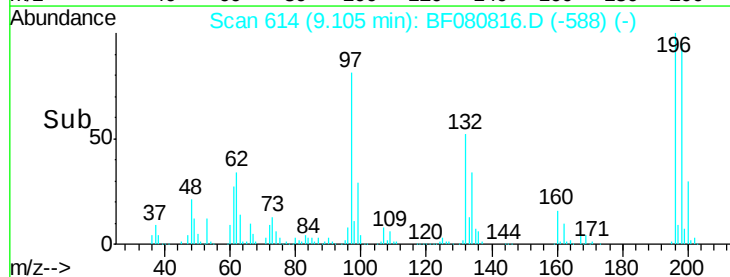
200 29.7 22.7 34.1

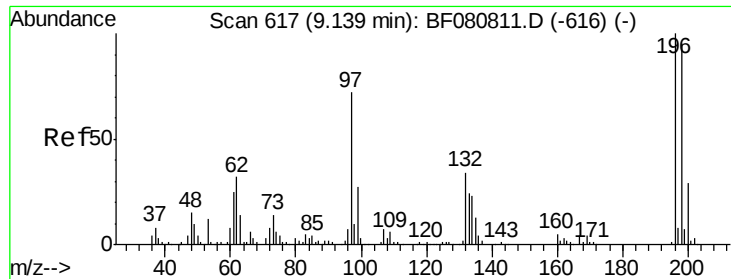


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

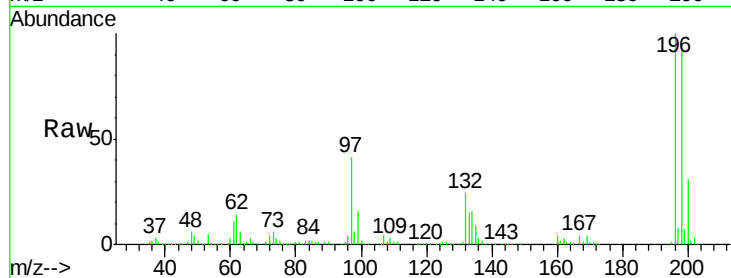




#43
 2,4,5-Trichlorophenol
 Concen: 40.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
97	41.1	58.8	88.2
132	23.9	27.9	41.9



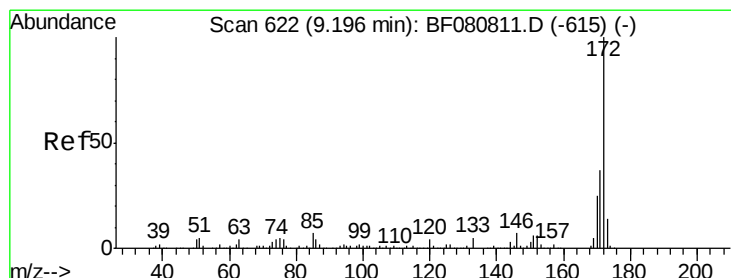
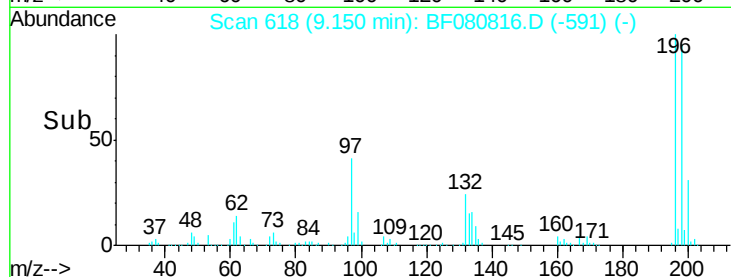
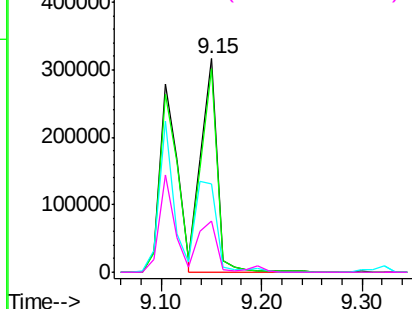
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

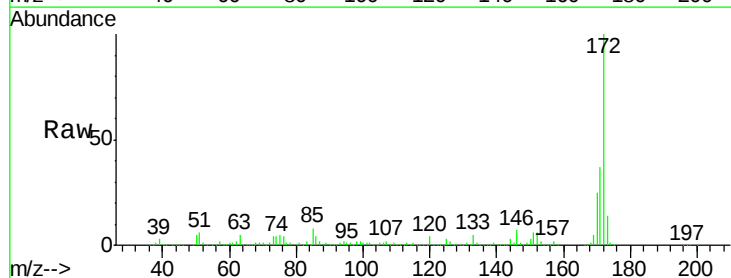
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.93 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.5	20.2	30.4

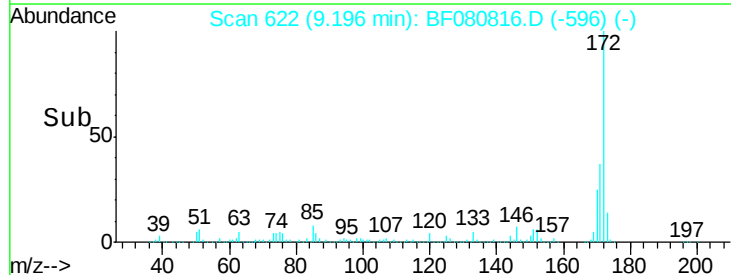
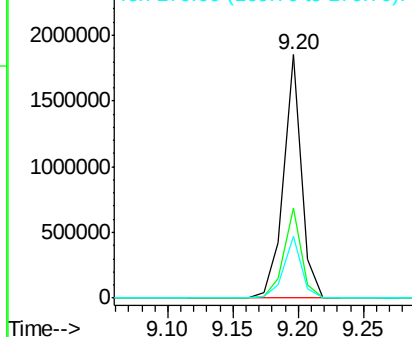


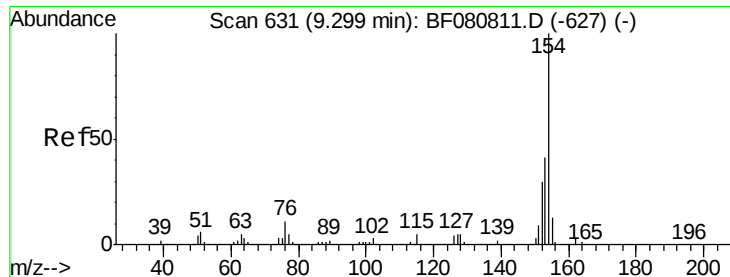
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.20 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

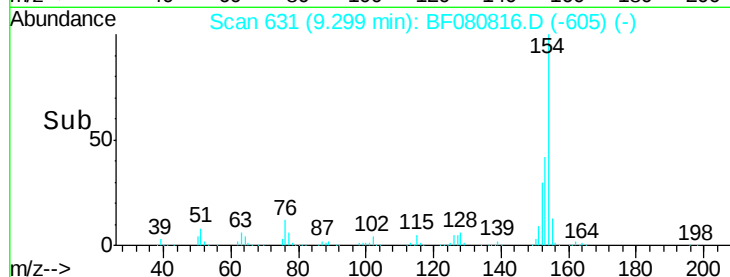
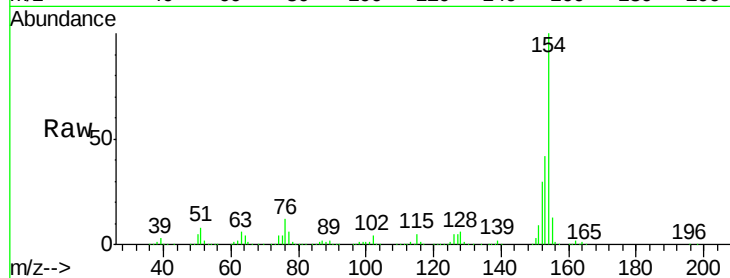
Tot Ion:154 Resp: 1226476

Ion Ratio Lower Upper

154 100

153 42.2 21.1 61.1

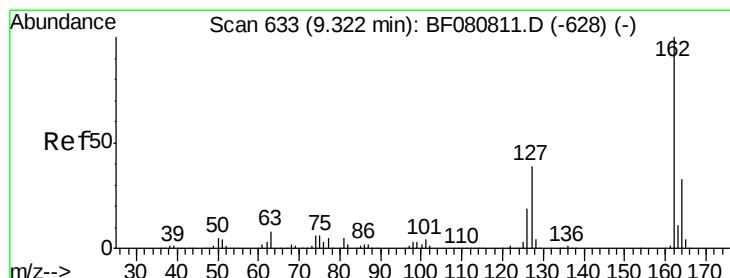
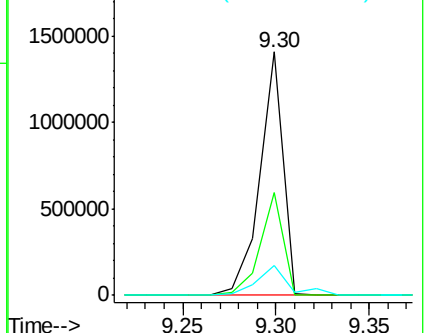
76 12.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.73 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

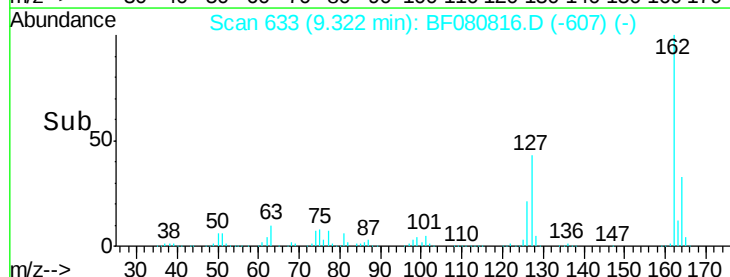
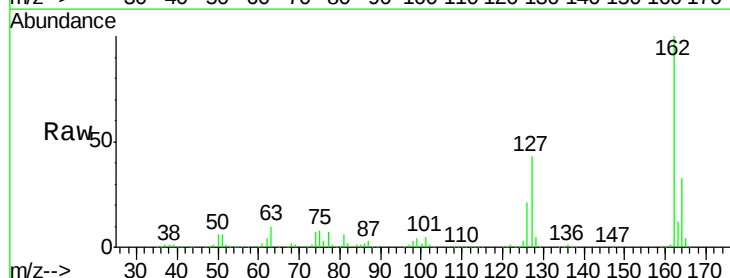
Tgt Ion:162 Resp: 981332

Ion Ratio Lower Upper

162 100

127 43.1 31.0 46.6

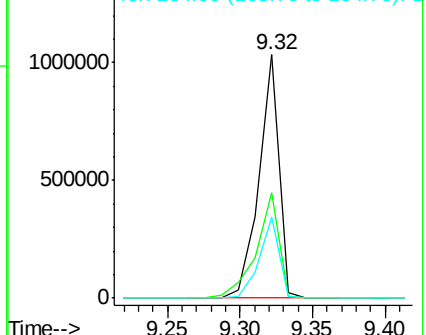
164 33.3 26.8 40.2

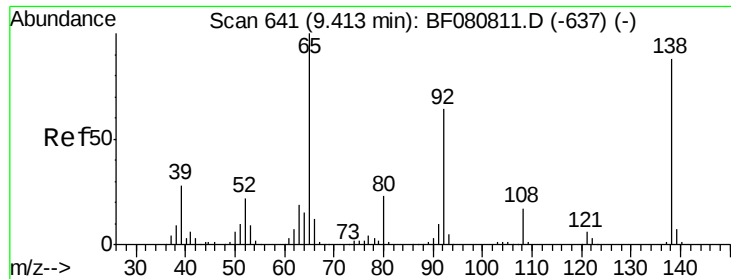


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

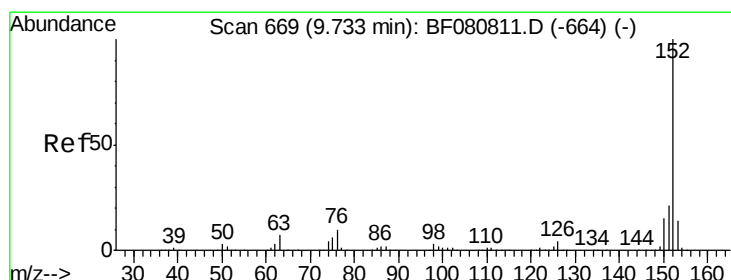
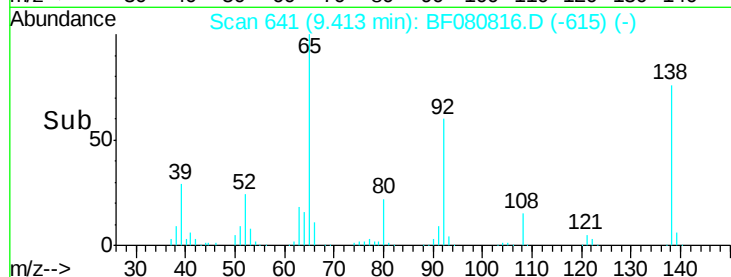
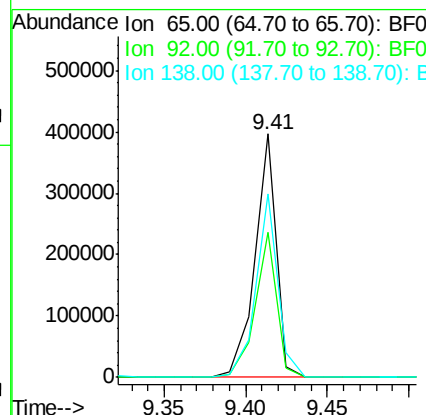
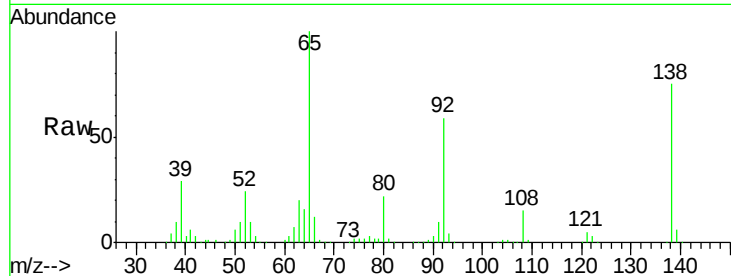




#47
2-Nitroaniline
Concen: 39.27 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

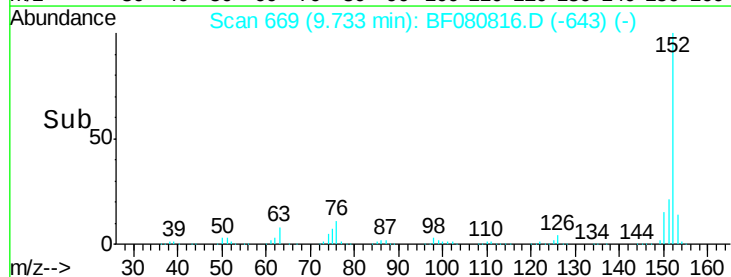
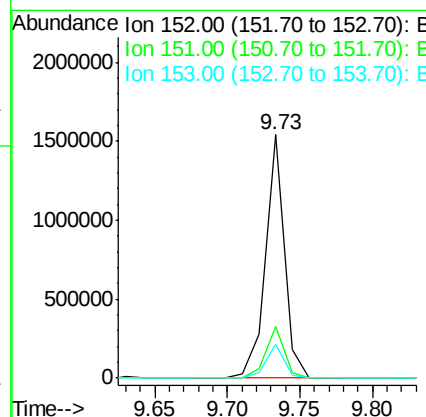
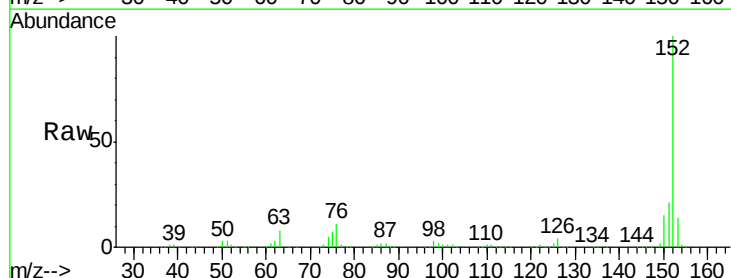
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

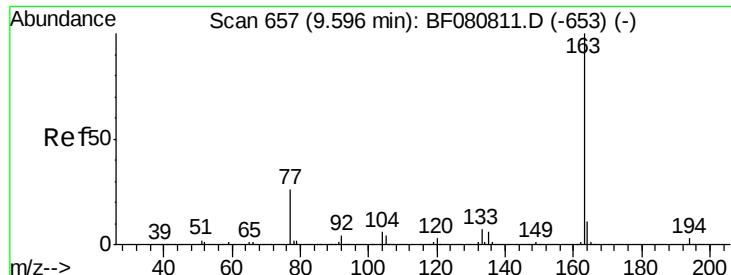
Tot Ion: 65 Resp: 358314
Ion Ratio Lower Upper
65 100
92 59.4 50.9 76.3
138 75.4 70.6 105.8



#48
Acenaphthylene
Concen: 36.14 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion: 152 Resp: 1392313
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.9 11.0 16.4

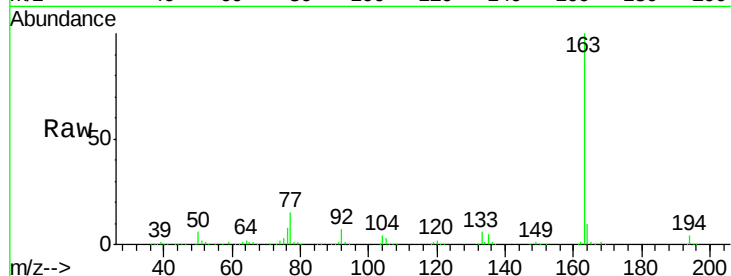




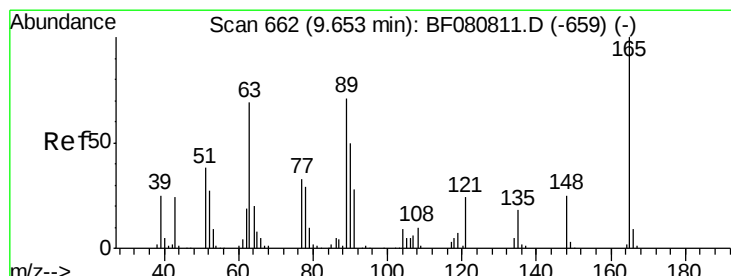
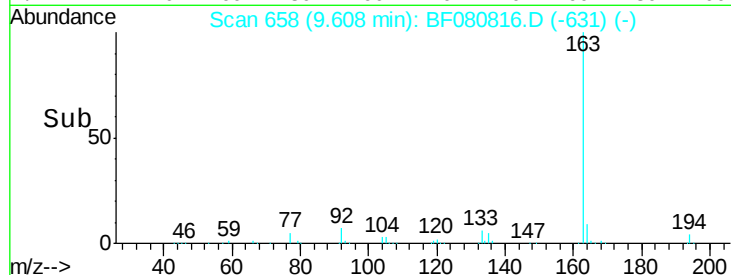
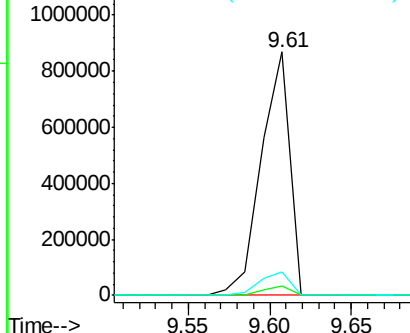
#49
Dimethylphthalate
Concen: 40.20 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:163 Resp: 1056134
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.7 8.5 12.7

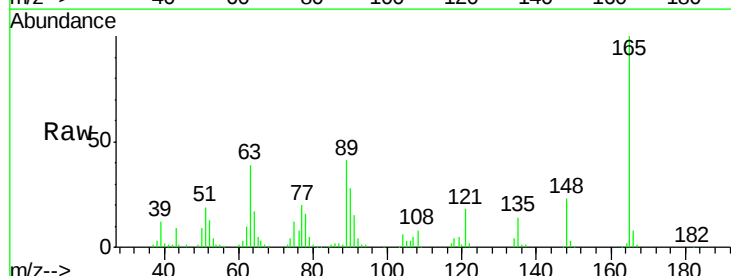


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

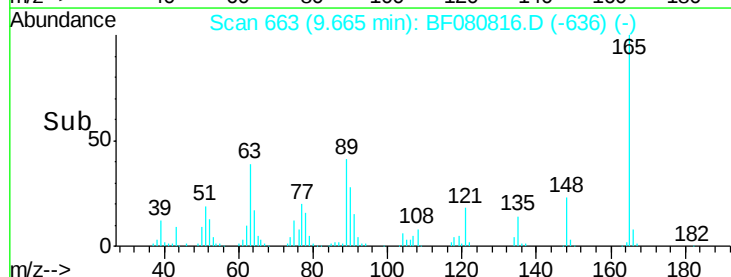
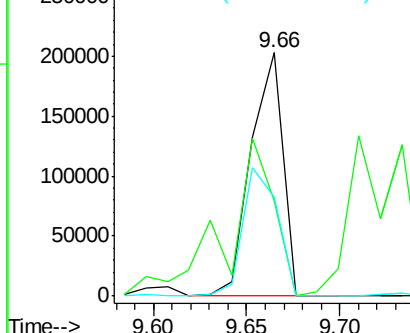


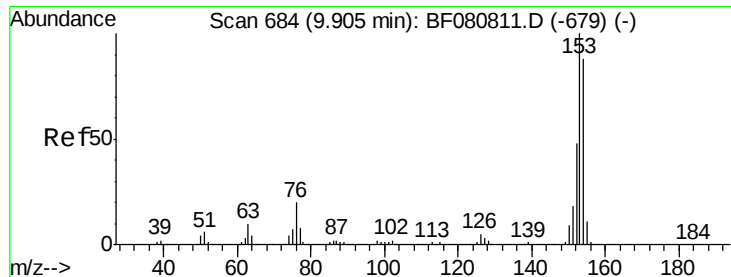
#50
2,6-Dinitrotoluene
Concen: 42.29 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:165 Resp: 239292
Ion Ratio Lower Upper
165 100
63 39.3 68.2 102.4#
89 40.8 56.9 85.3#



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





#51

Acenaphthene

Concen: 36.91 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

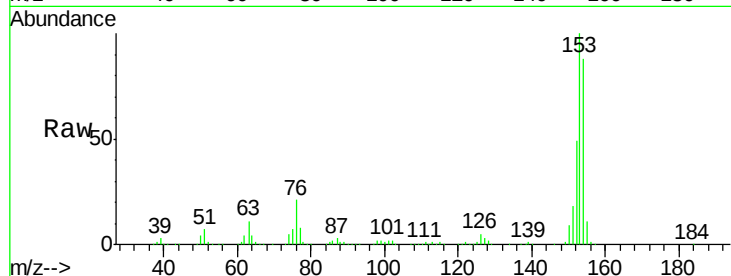
Tot Ion:154 Resp: 856755

Ion Ratio Lower Upper

154 100

153 113.4 91.4 137.2

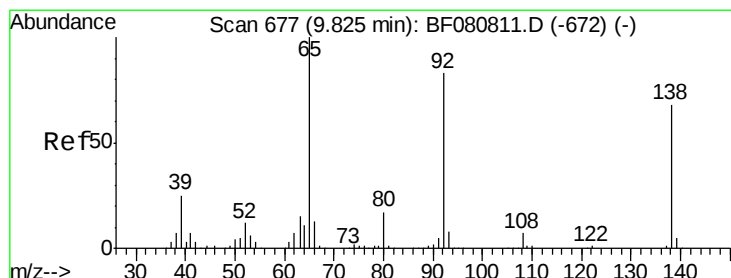
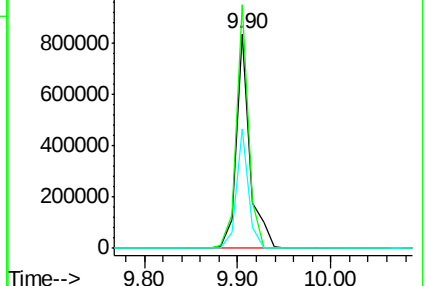
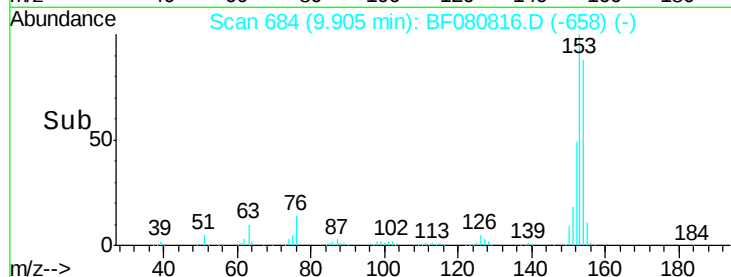
152 55.4 44.1 66.1



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: 33.92 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

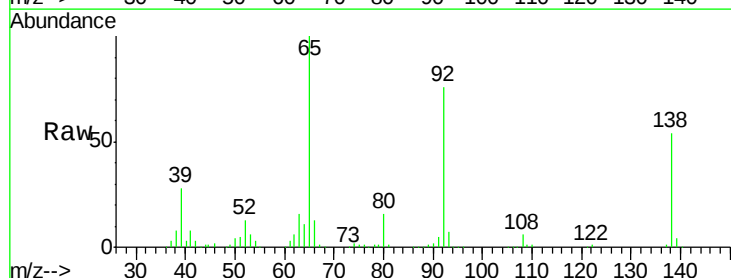
Tgt Ion:138 Resp: 222728

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

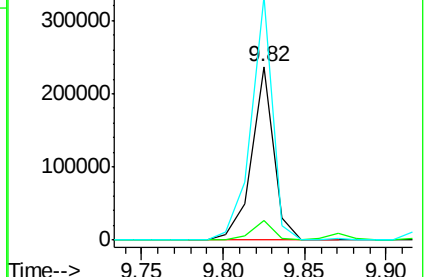
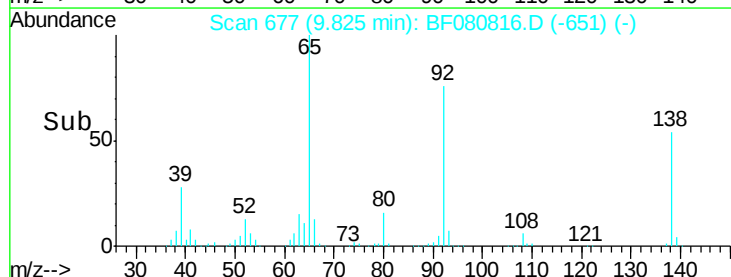
92 140.2 97.4 146.2

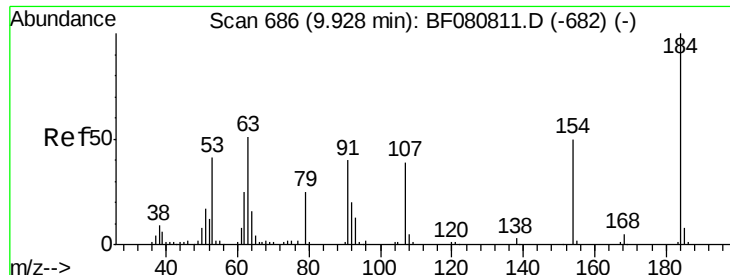


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

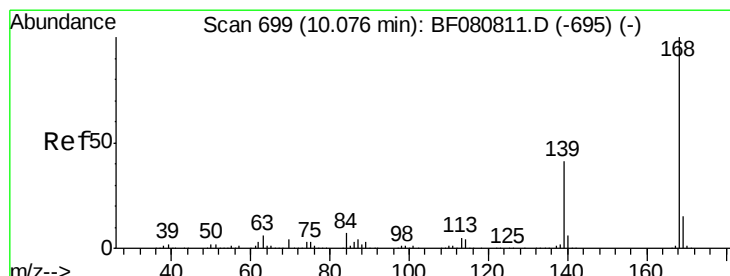
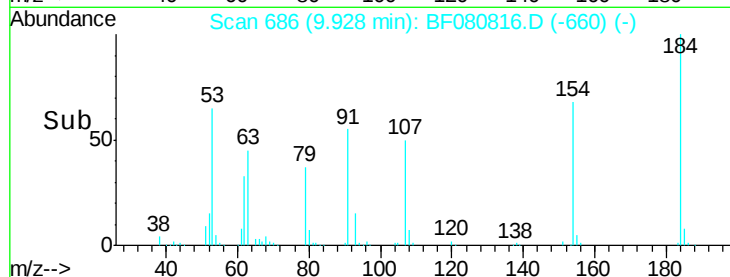
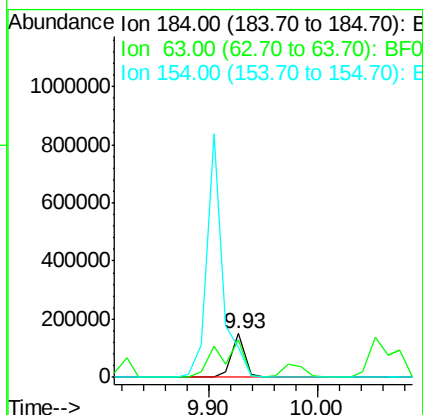
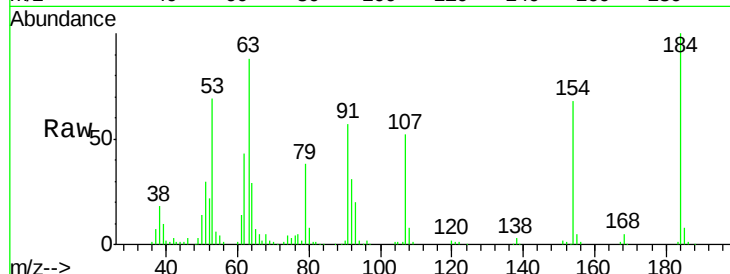




#53
 2,4-Dinitrophenol
 Concen: 43.74 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

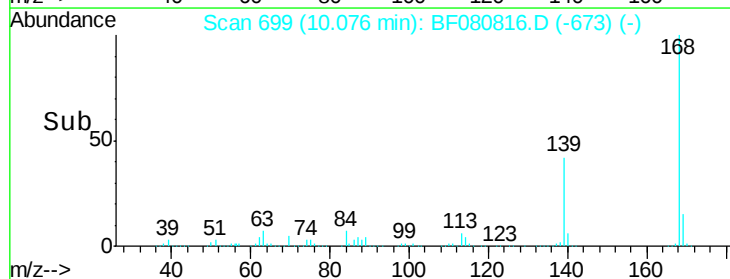
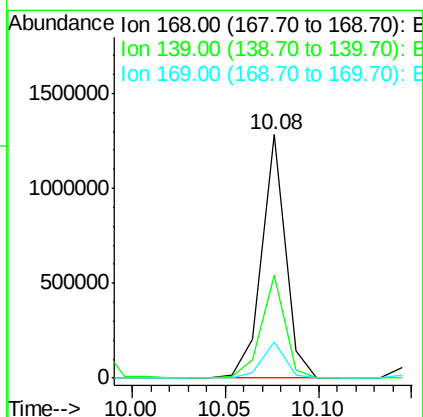
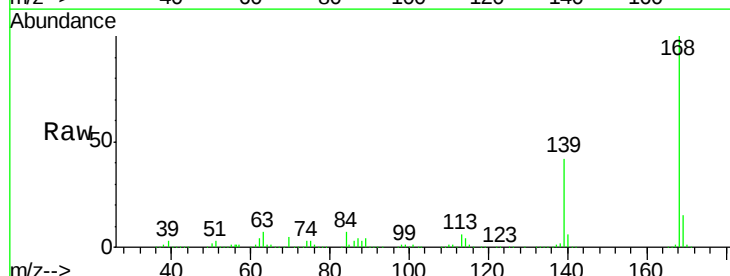
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

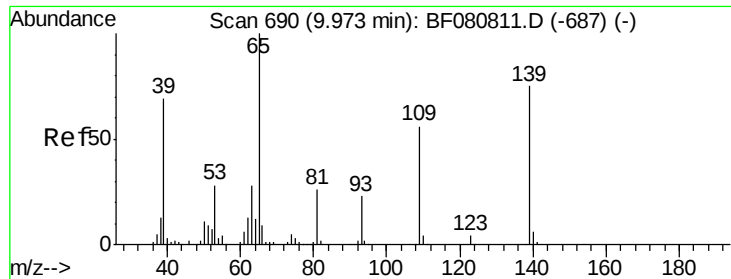
Tot Ion:184 Resp: 126618
 Ion Ratio Lower Upper
 184 100
 63 87.6 42.2 63.2#
 154 68.1 47.4 71.0



#54
 Dibenzofuran
 Concen: 36.72 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:168 Resp: 1127927
 Ion Ratio Lower Upper
 168 100
 139 42.4 32.8 49.2
 169 14.9 11.6 17.4

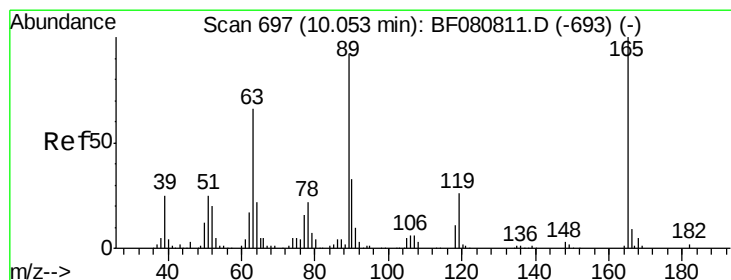
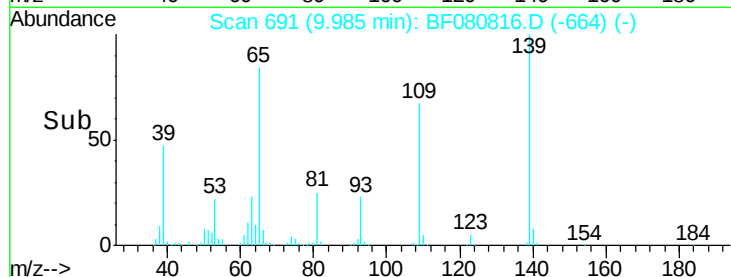
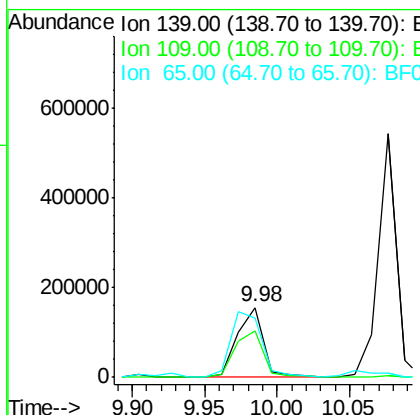
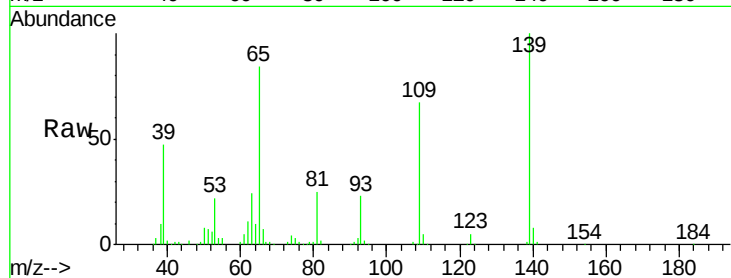




#55
4-Nitrophenol
Concen: 42.01 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

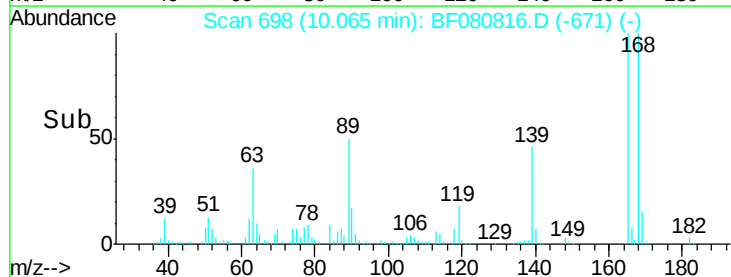
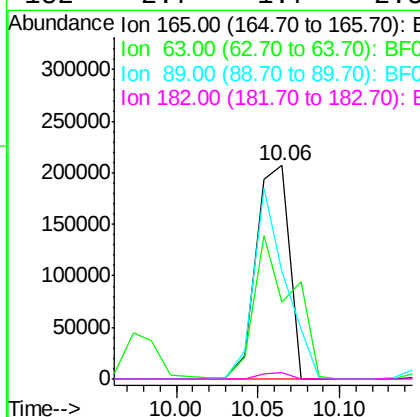
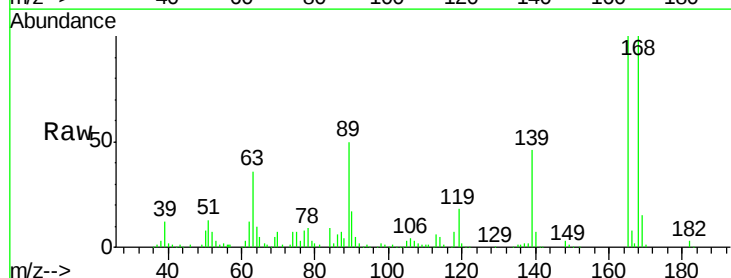
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

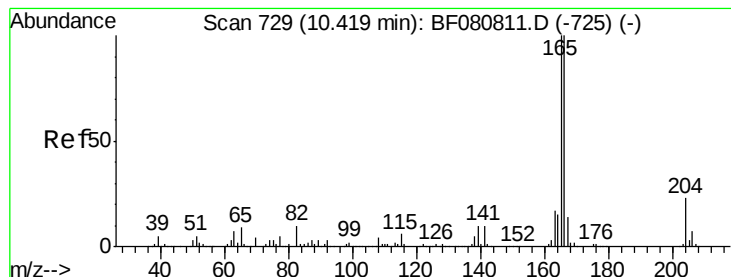
Tot Ion:139 Resp: 197173
Ion Ratio Lower Upper
139 100
109 67.2 55.1 95.1
65 84.5 113.9 153.9#



#56
2,4-Dinitrotoluene
Concen: 40.82 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:165 Resp: 292033
Ion Ratio Lower Upper
165 100
63 35.9 53.3 79.9#
89 50.2 73.5 110.3#
182 2.7 1.7 2.5#





#57

Fluorene

Concen: 38.63 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

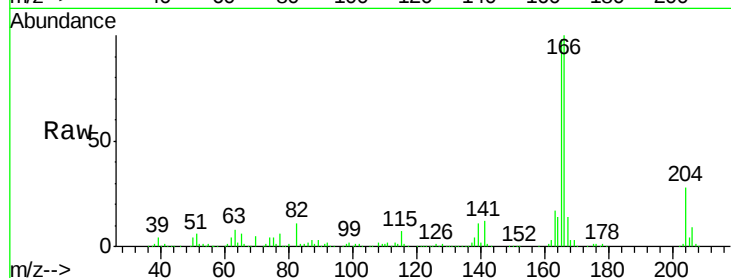
Tot Ion:166 Resp: 920691

Ion Ratio Lower Upper

166 100

165 98.5 79.9 119.9

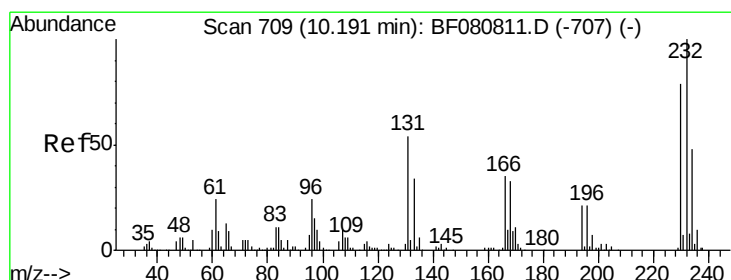
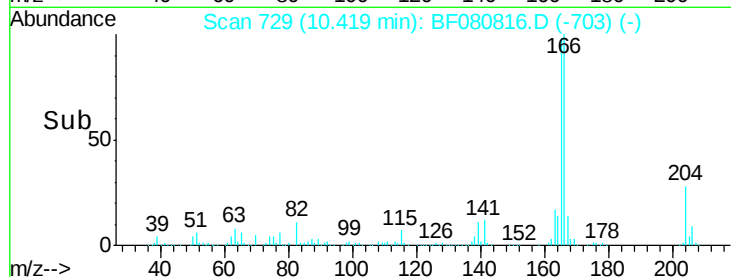
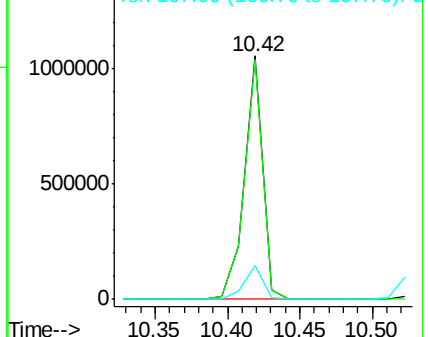
167 13.7 10.8 16.2



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: 38.22 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Tgt Ion:232 Resp: 238471

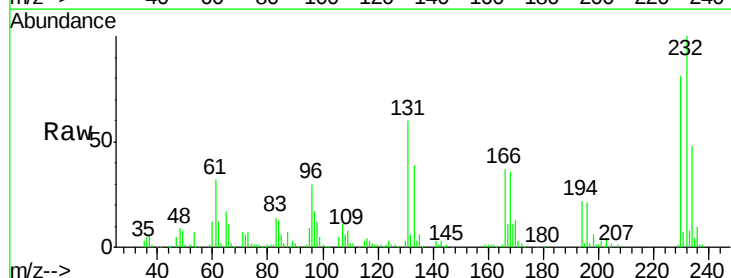
Ion Ratio Lower Upper

232 100

131 49.2 41.9 62.9

130 2.5 2.0 3.0

166 32.1 26.4 39.6

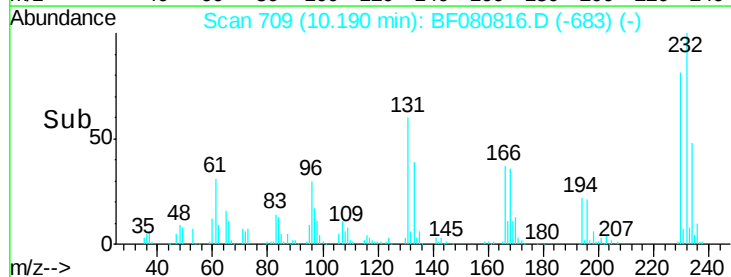
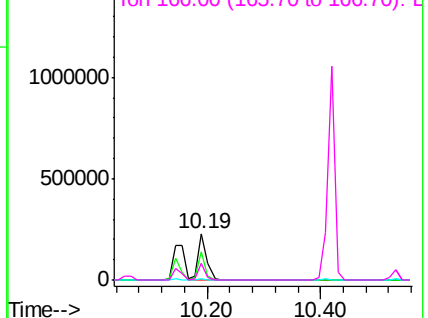


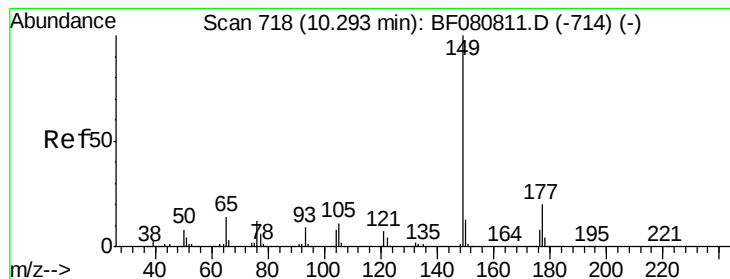
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.49 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

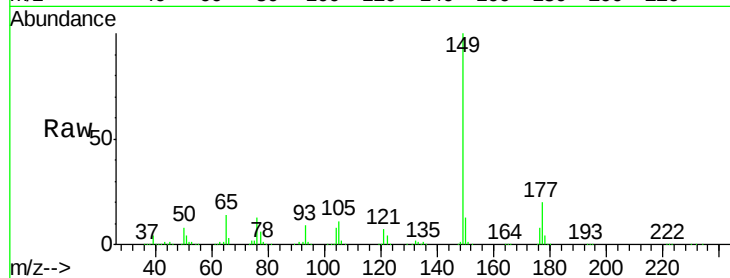
Tot Ion:149 Resp: 965827

Ion Ratio Lower Upper

149 100

177 19.9 16.2 24.2

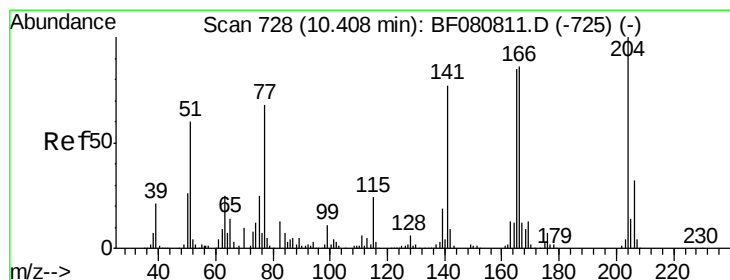
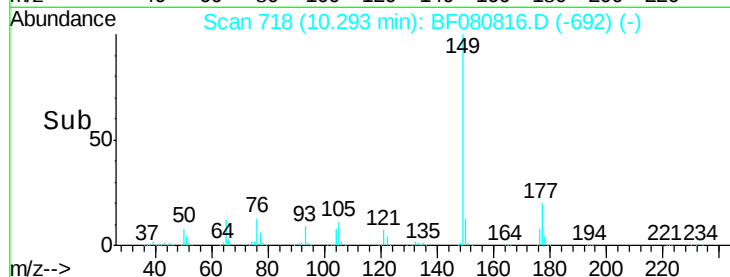
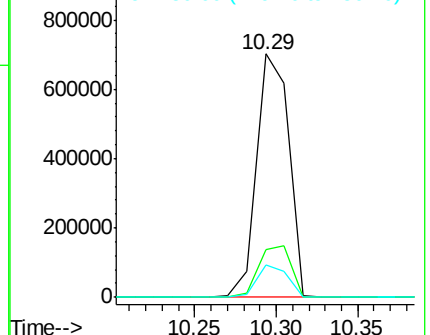
150 13.1 10.6 15.8



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: 35.28 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

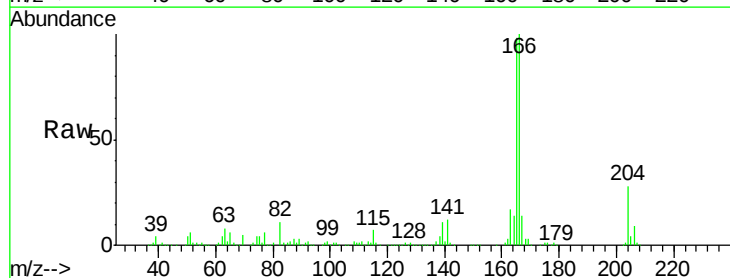
Tgt Ion:204 Resp: 412438

Ion Ratio Lower Upper

204 100

206 32.9 25.6 38.4

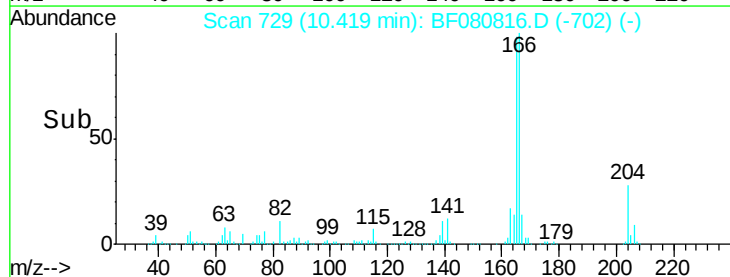
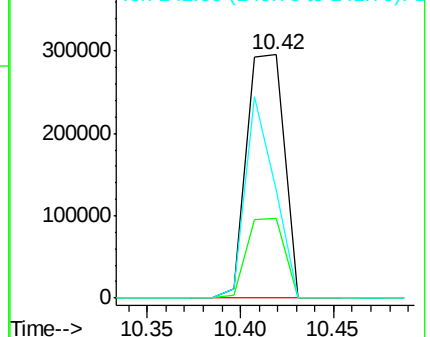
141 44.5 61.2 91.8#

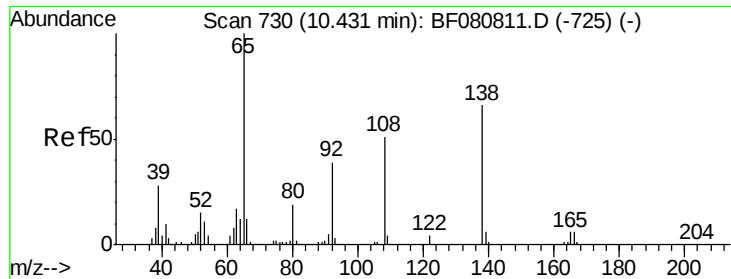


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

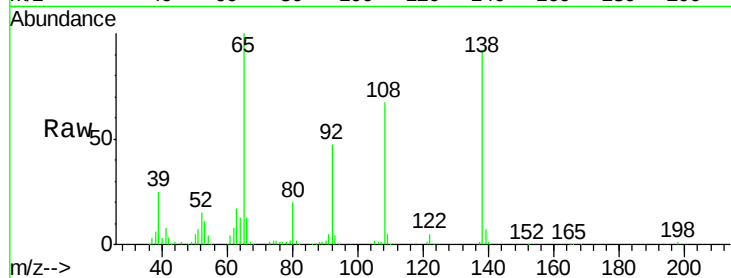




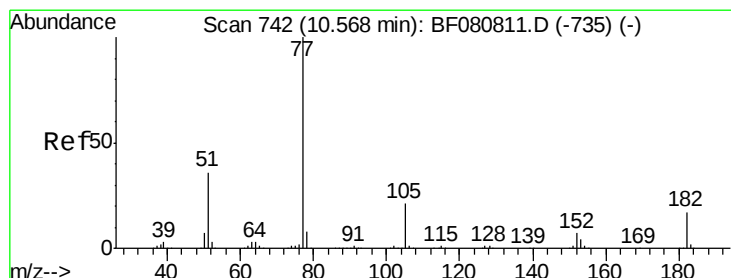
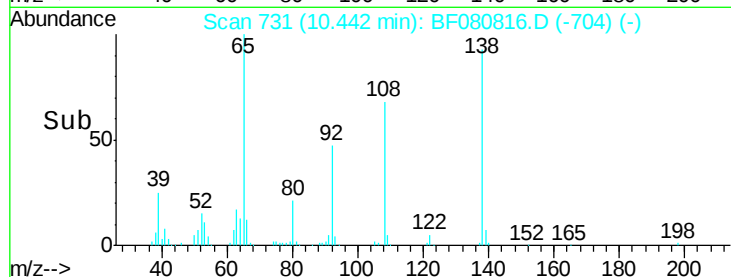
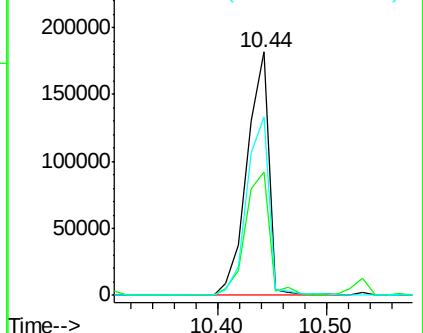
#61
4-Nitroaniline
Concen: 41.78 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Tot Ion:138 Resp: 253926
Ion Ratio Lower Upper
138 100
92 50.6 38.7 78.7
108 73.2 56.8 96.8



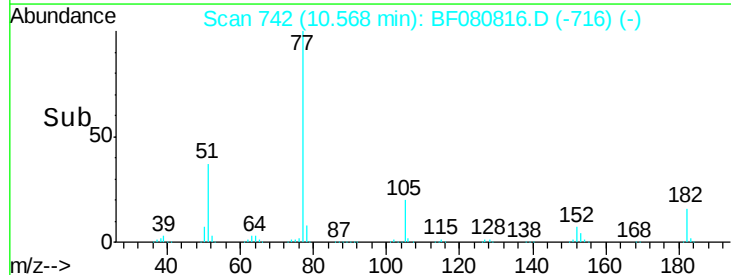
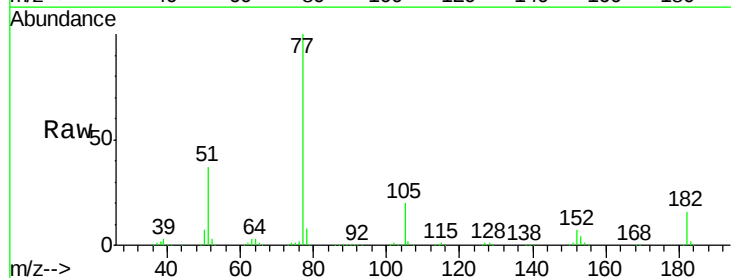
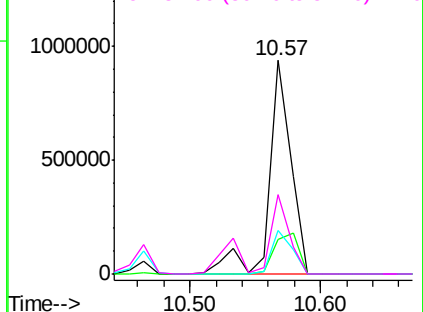
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

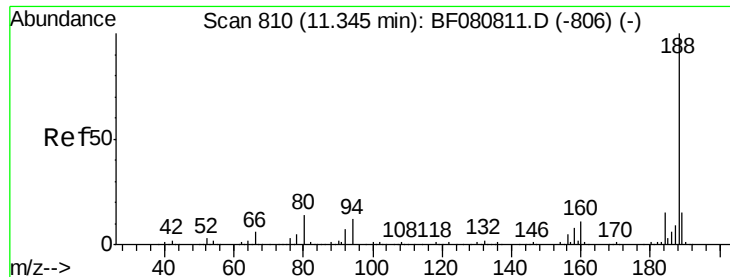


#62
Azobenzene
Concen: 38.12 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion: 77 Resp: 1107928
Ion Ratio Lower Upper
77 100
182 16.3 0.0 37.4
105 20.5 0.9 40.9
51 37.2 15.9 55.9

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

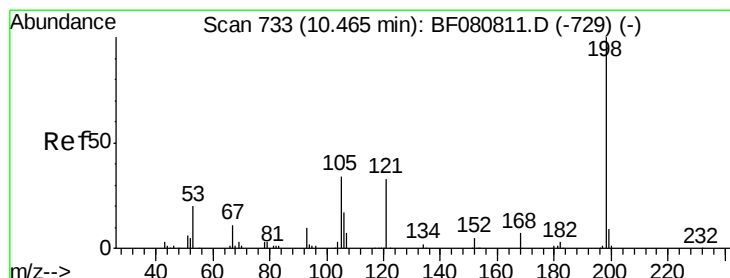
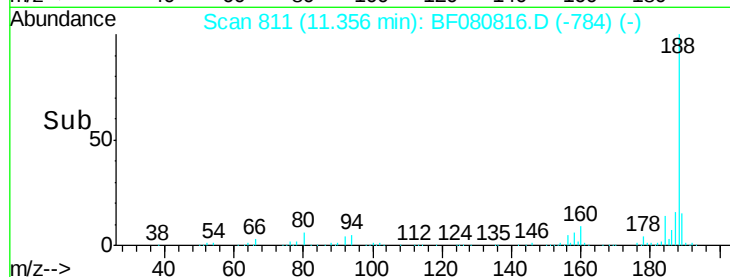
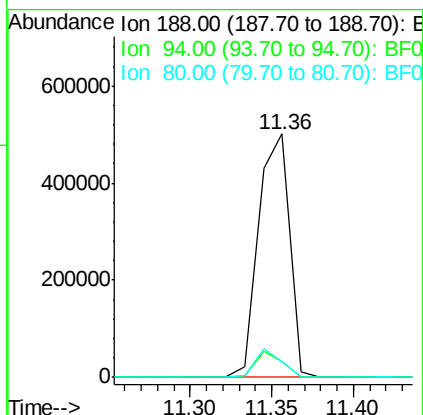
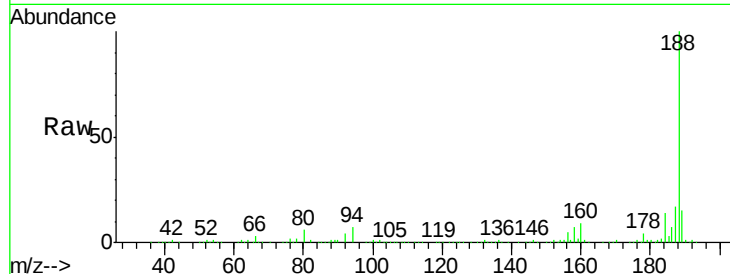




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

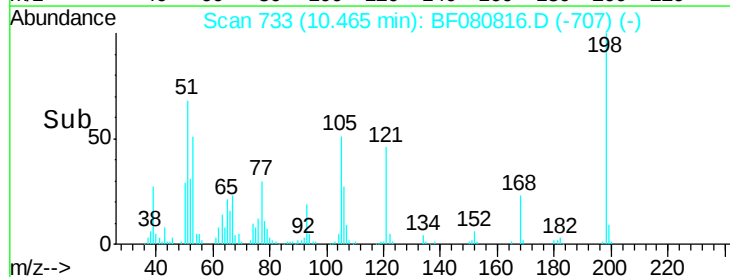
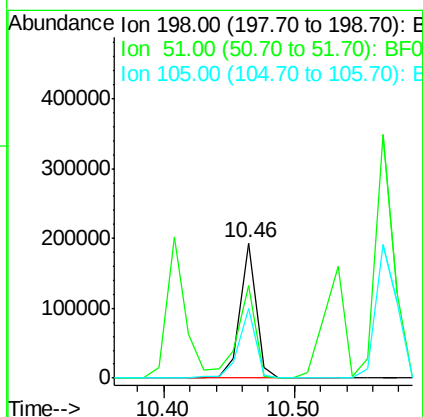
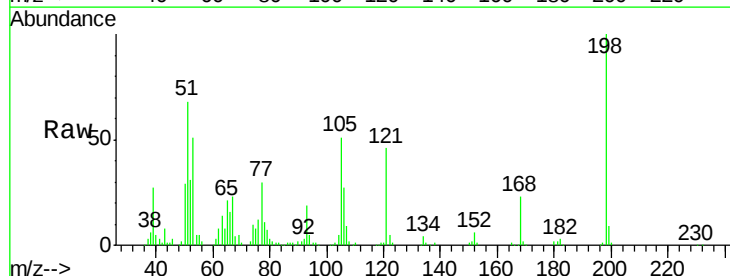
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

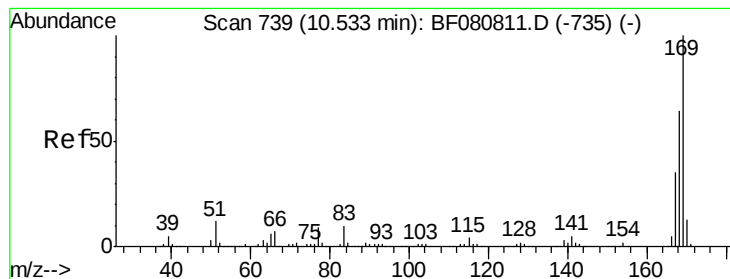
Tot Ion:188 Resp: 662256
Ion Ratio Lower Upper
188 100
94 6.7 9.7 14.5#
80 6.4 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:198 Resp: 164528
Ion Ratio Lower Upper
198 100
51 68.2 13.9 53.9#
105 51.3 14.1 54.1

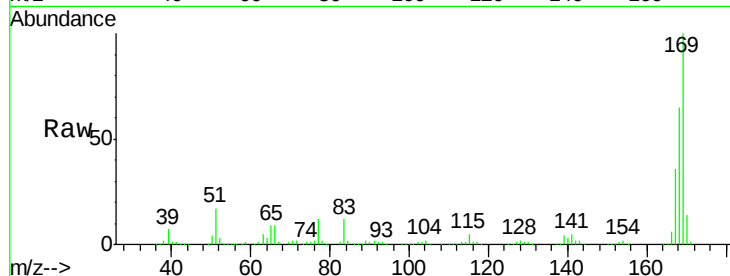




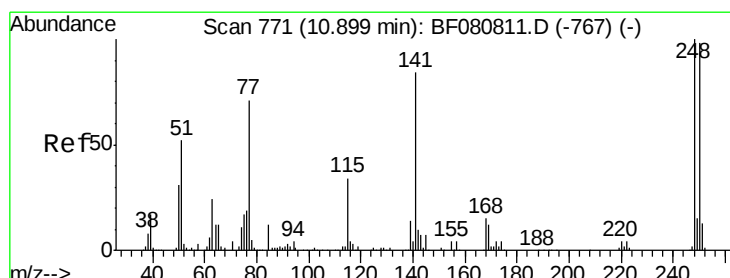
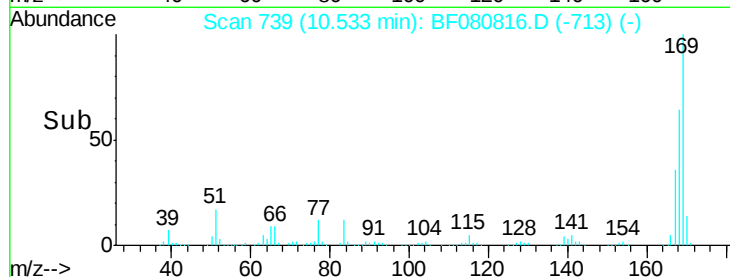
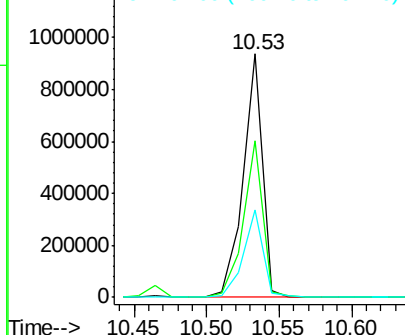
#65
 n-Nitrosodiphenylamine
 Concen: 37.26 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:169 Resp: 863763
 Ion Ratio Lower Upper
 169 100
 168 64.6 50.9 76.3
 167 35.9 27.7 41.5

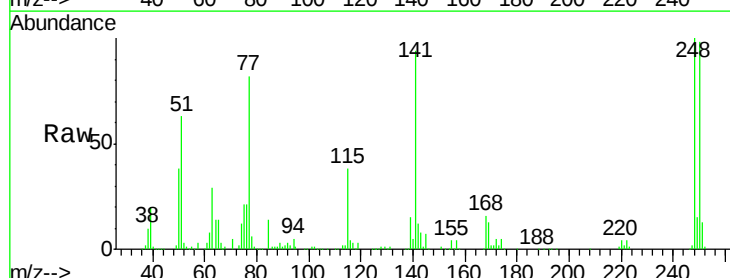


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

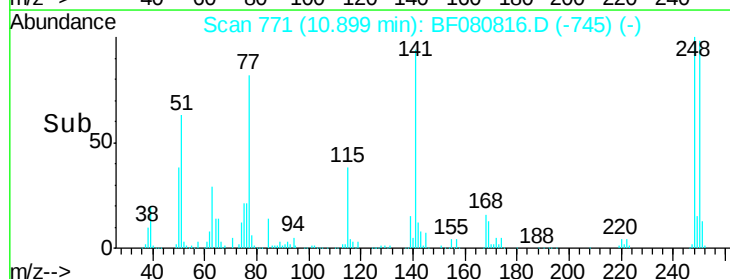
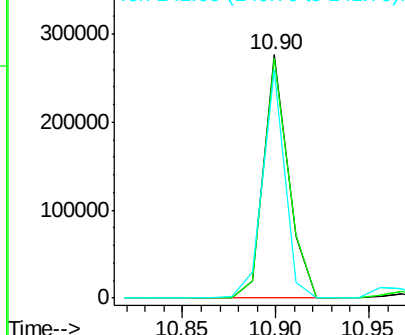


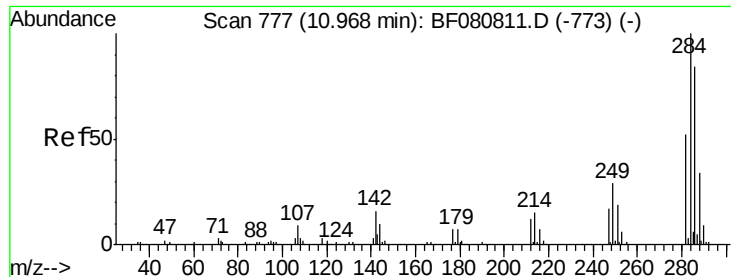
#66
 4-Bromophenyl-phenylether
 Concen: 34.59 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:248 Resp: 251708
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.4 117.6
 141 93.6 67.3 100.9



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

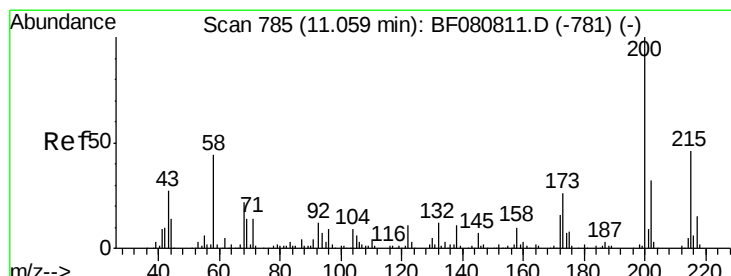
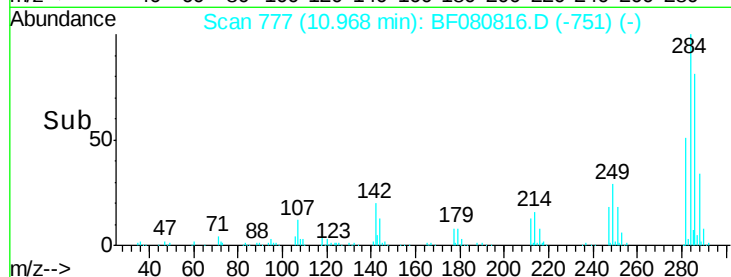
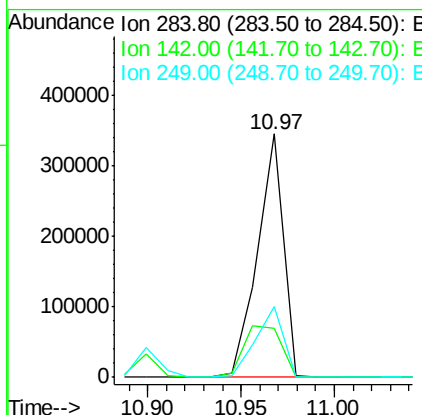
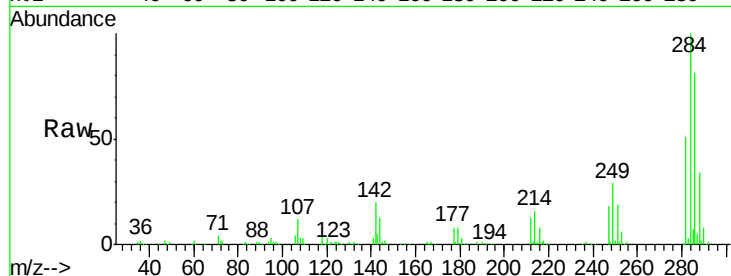




#67
Hexachlorobenzene
Concen: 40.22 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

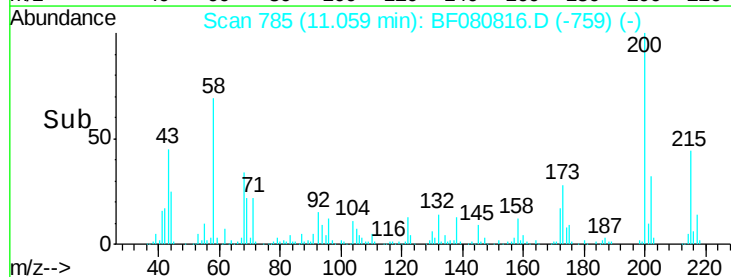
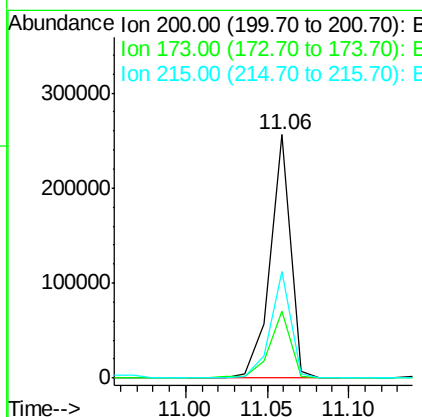
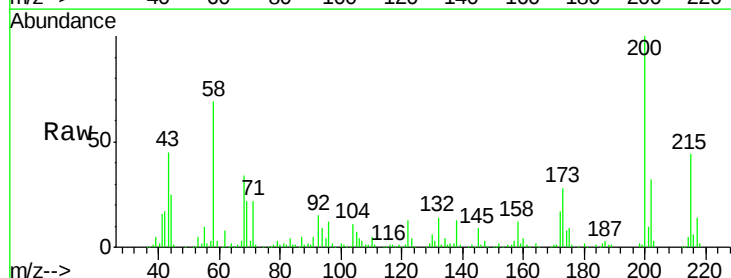
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

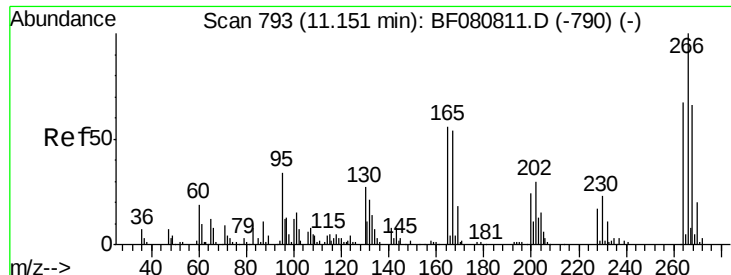
Tot Ion:284 Resp: 331317
Ion Ratio Lower Upper
284 100
142 20.4 13.0 19.4#
249 29.1 22.9 34.3



#68
Atrazine
Concen: 42.20 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:200 Resp: 223048
Ion Ratio Lower Upper
200 100
173 27.7 6.0 46.0
215 43.6 26.4 66.4

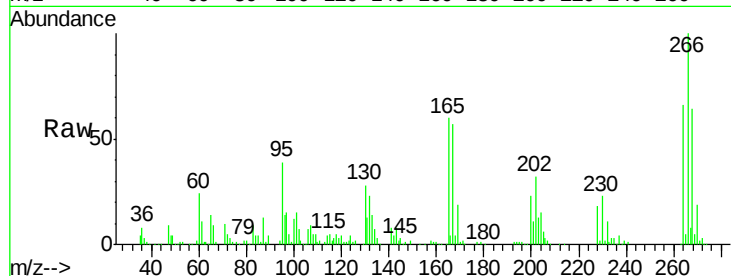




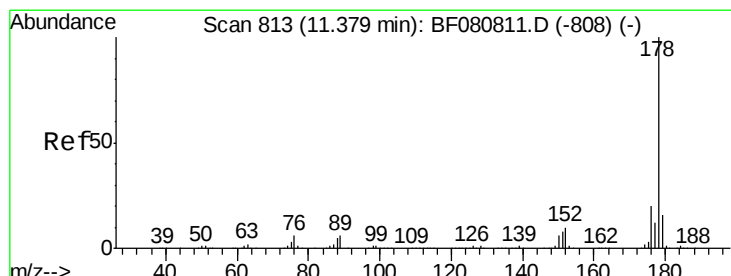
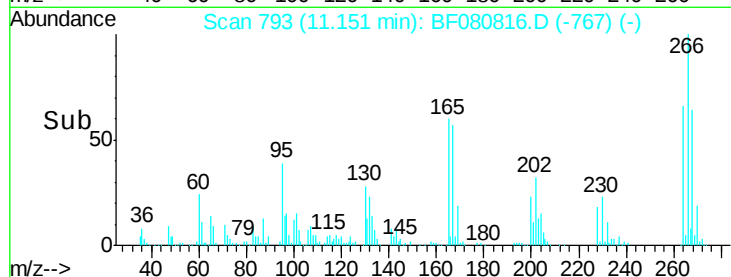
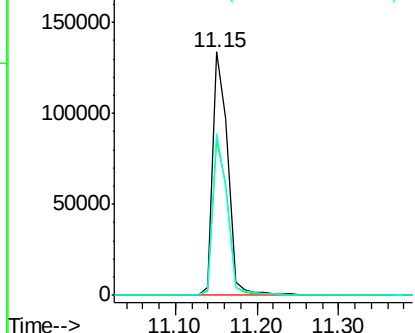
#69
 Pentachlorophenol
 Concen: 39.33 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:266 Resp: 172949
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.7 79.1
 264 66.4 53.4 80.0

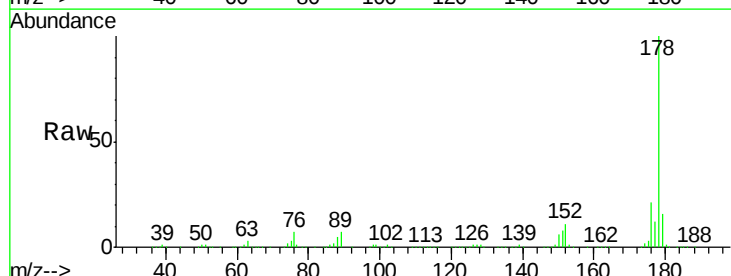


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

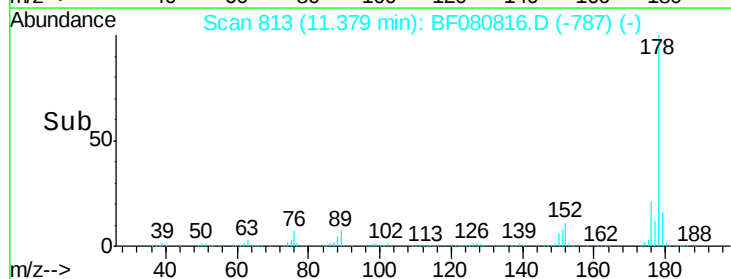
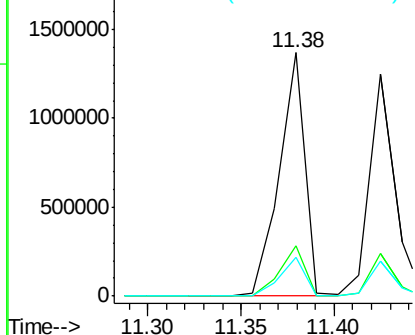


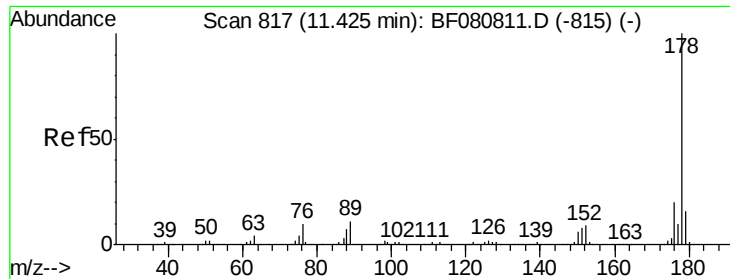
#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:178 Resp: 1305226
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 16.1 12.6 19.0



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

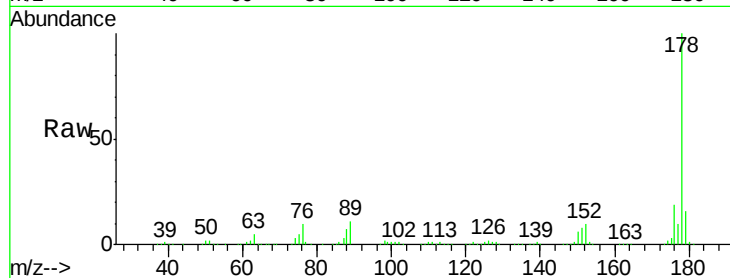




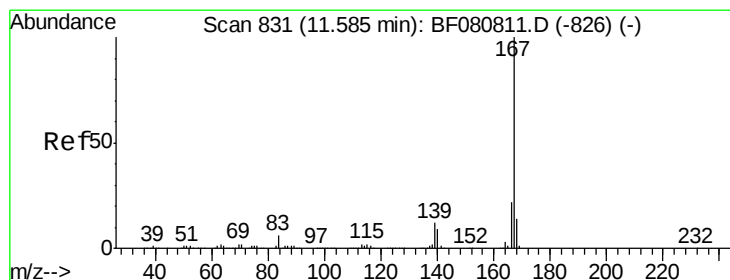
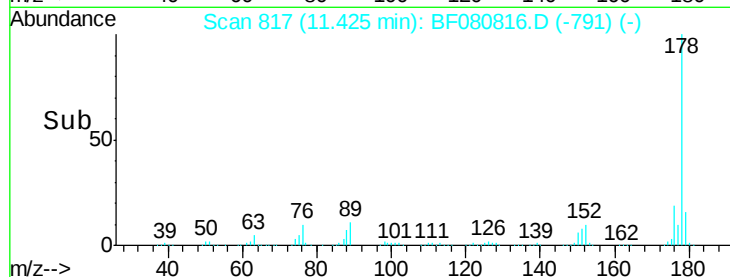
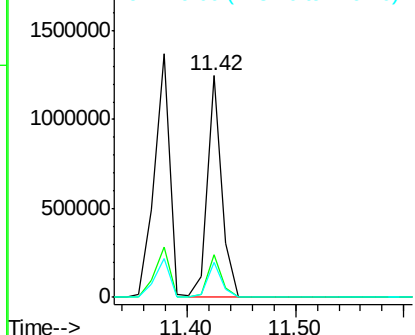
#71
 Anthracene
 Concen: 33.80 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:178 Resp: 1149329
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.9 13.0 19.4

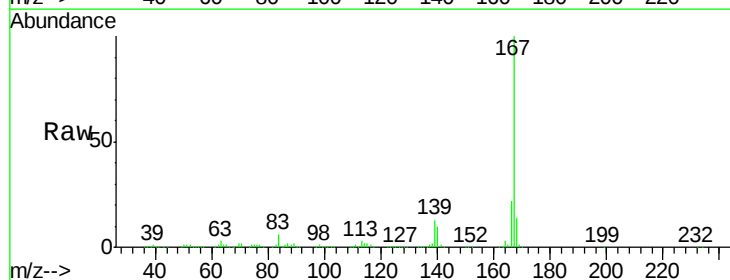


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

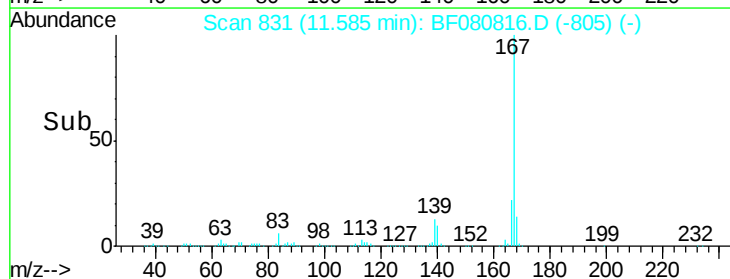
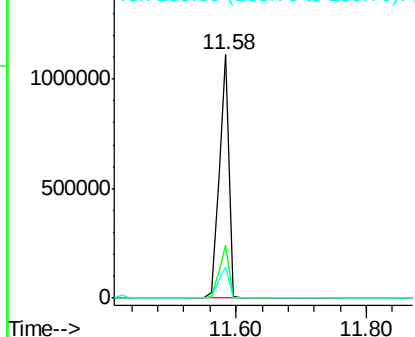


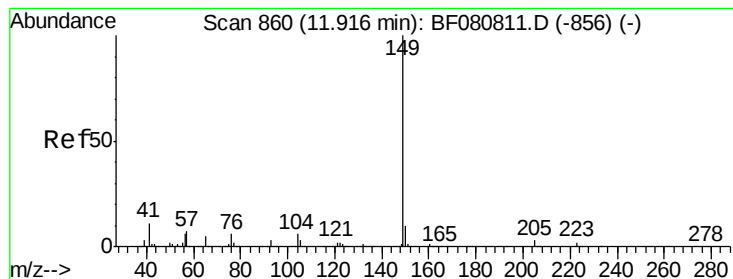
#72
 Carbazole
 Concen: 40.08 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:167 Resp: 1179990
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.0 9.6 14.4



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

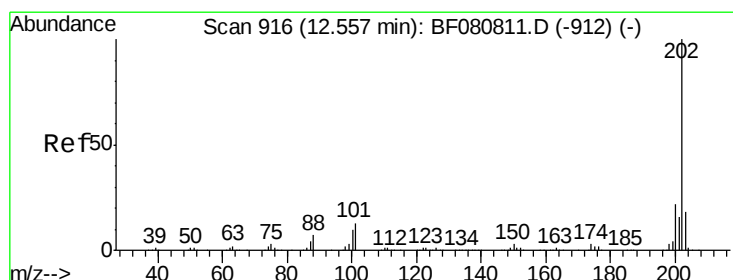
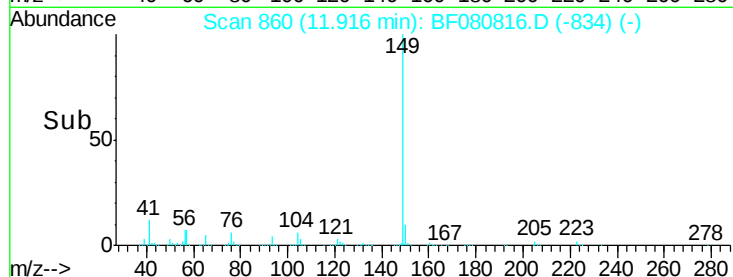
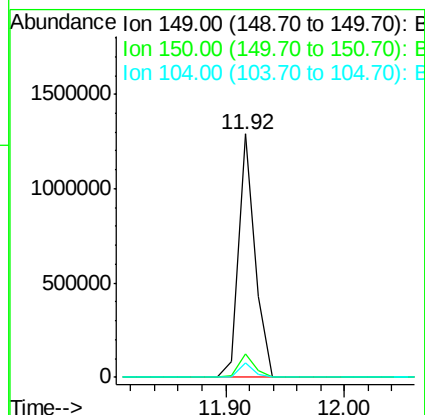
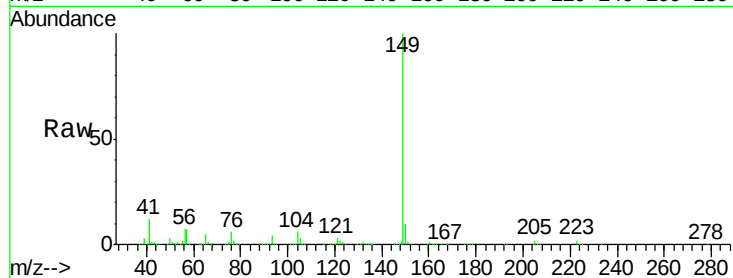




#73
Di-n-butylphthalate
Concen: 35.20 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

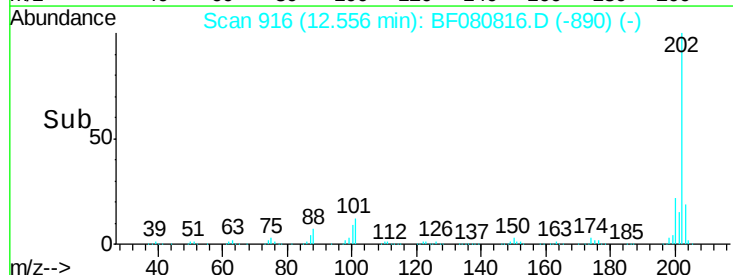
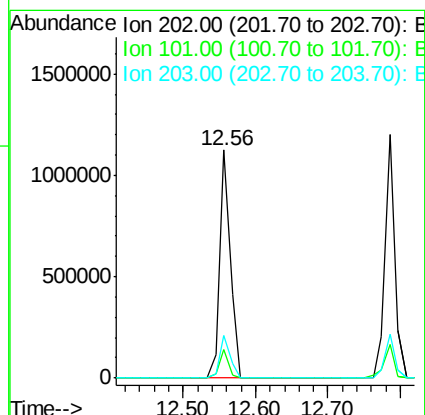
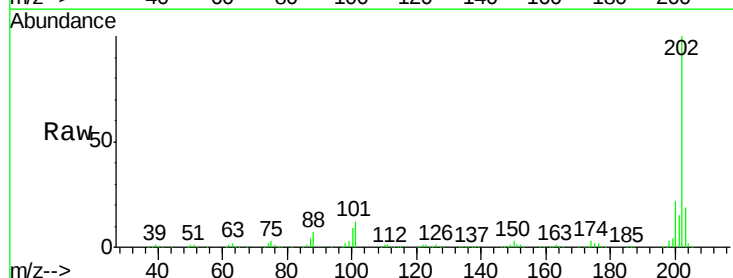
Instrument :
BNA_F
ClientSampleId :
ICVBF080315

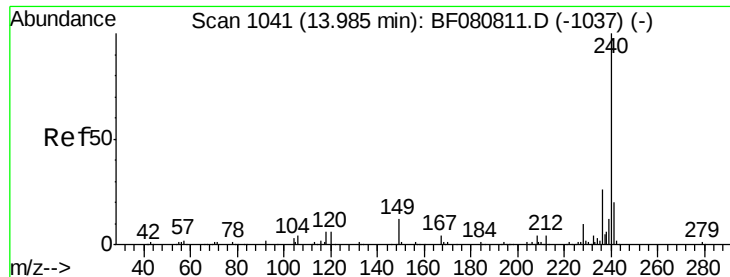
Tot Ion:149 Resp: 1240859
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.8
104 5.8 4.6 6.8



#74
Fluoranthene
Concen: 34.56 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF080816.D
Acq: 3 Aug 2015 23:03

Tgt Ion:202 Resp: 1139999
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.0
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

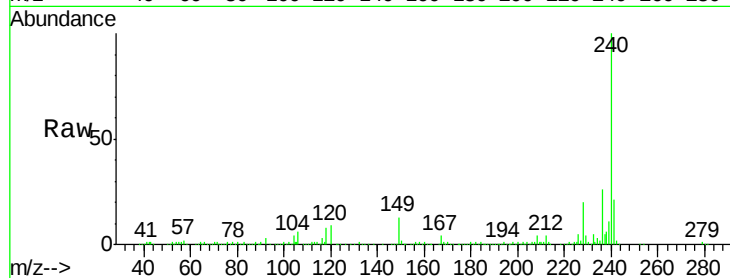
Tot Ion:240 Resp: 440336

Ion Ratio Lower Upper

240 100

120 8.6 5.0 7.4#

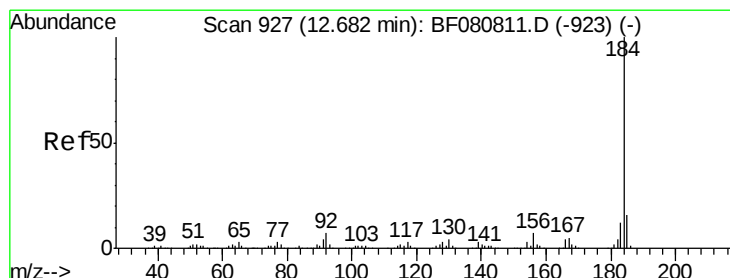
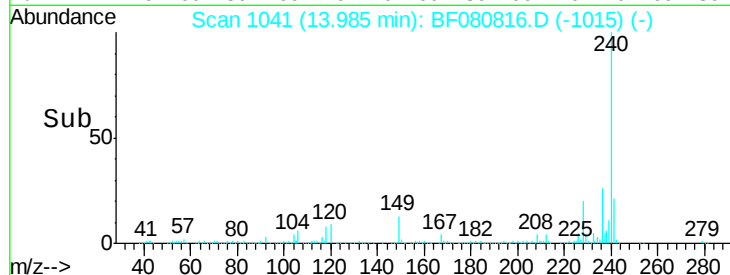
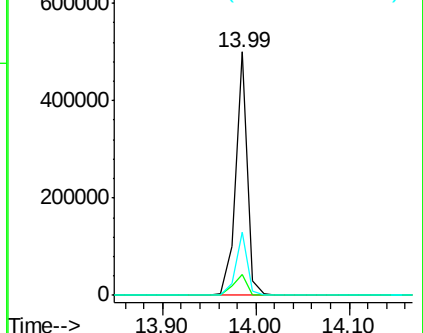
236 25.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.50 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

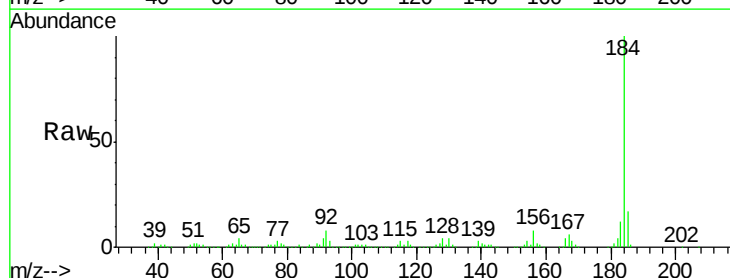
Tgt Ion:184 Resp: 491180

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

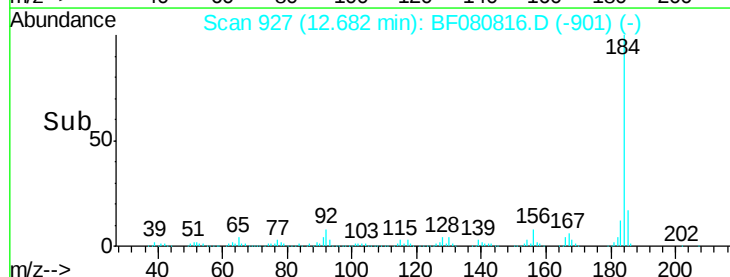
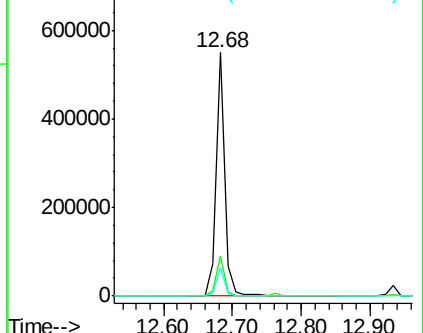
183 11.9 9.3 13.9

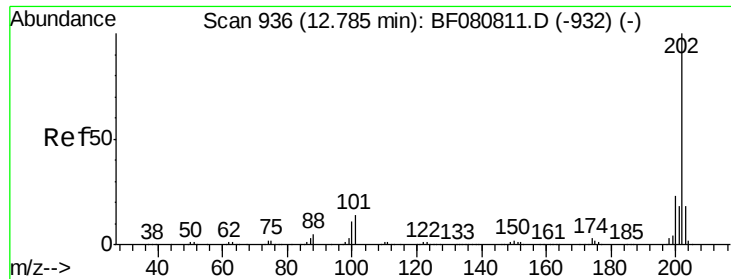


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



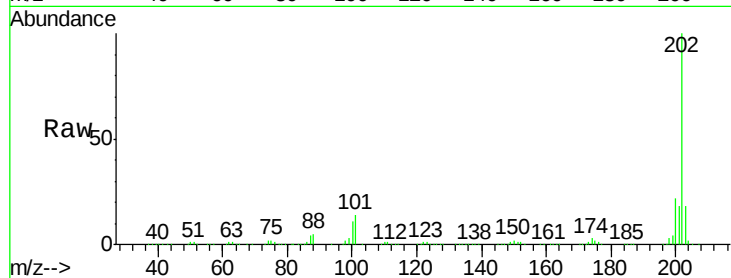


#77
 Pvrene
 Concen: 34.82 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

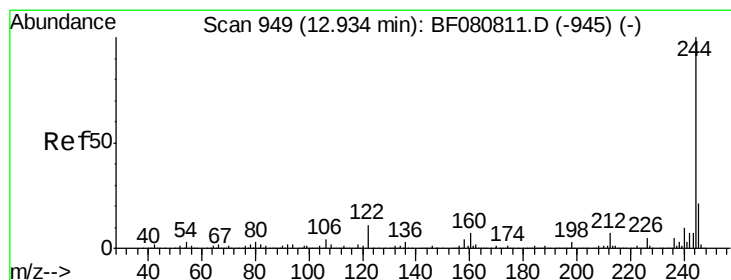
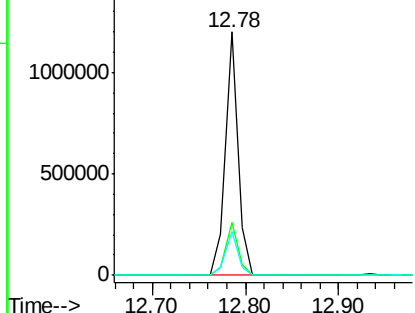
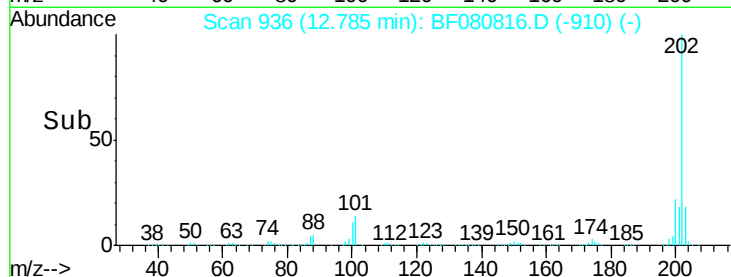
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:202 Resp: 1136637

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.4
203	18.0	14.8	22.2



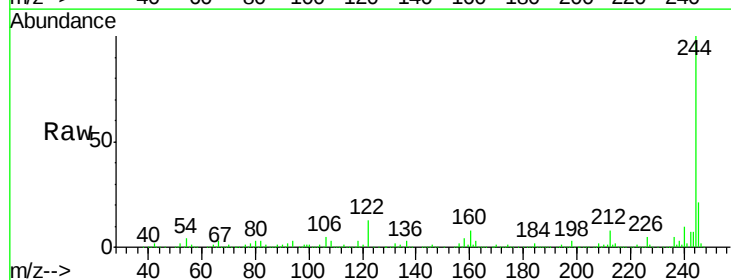
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



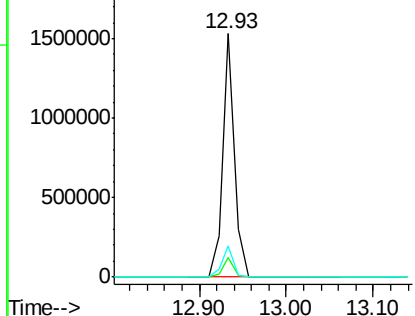
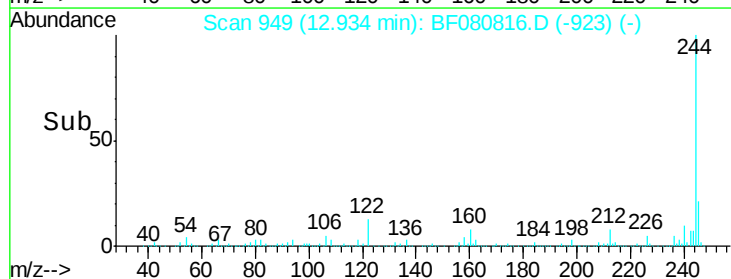
#78
 Terphenyl-d14
 Concen: 65.42 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

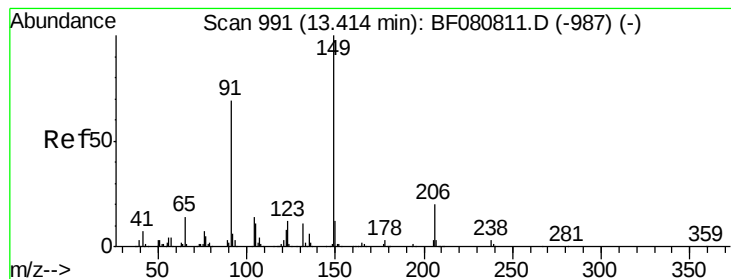
Tgt Ion:244 Resp: 1445446

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.6	9.1	13.7



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: 40.58 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

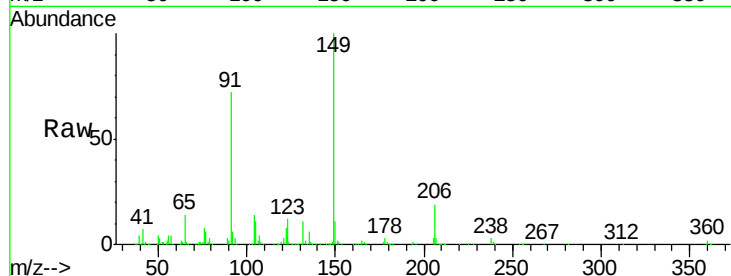
Tot Ion:149 Resp: 521704

Ion Ratio Lower Upper

149 100

91 72.1 55.4 83.2

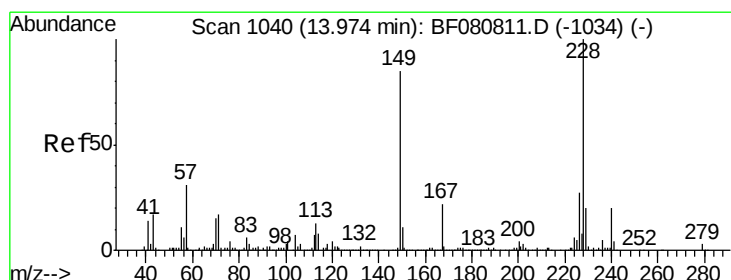
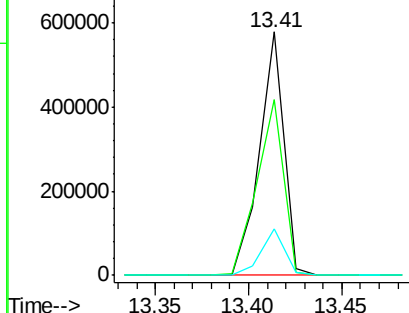
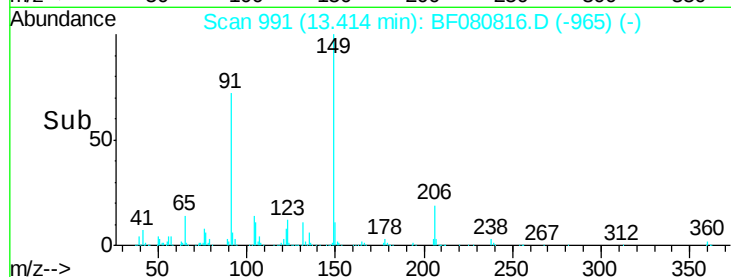
206 19.3 15.8 23.6



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: 38.89 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

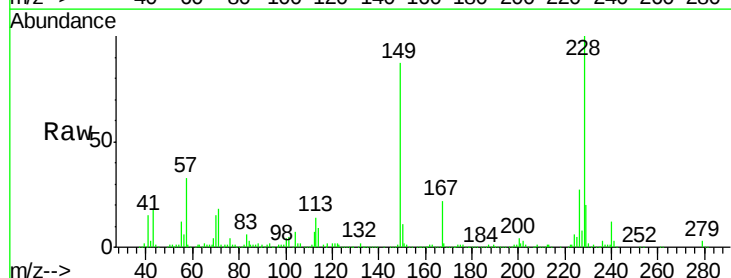
Tgt Ion:228 Resp: 977774

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

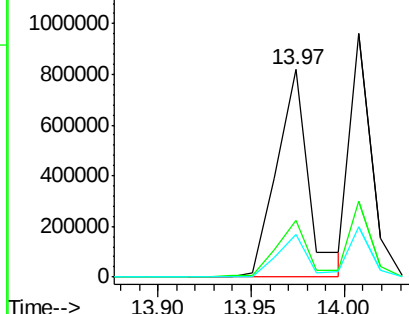
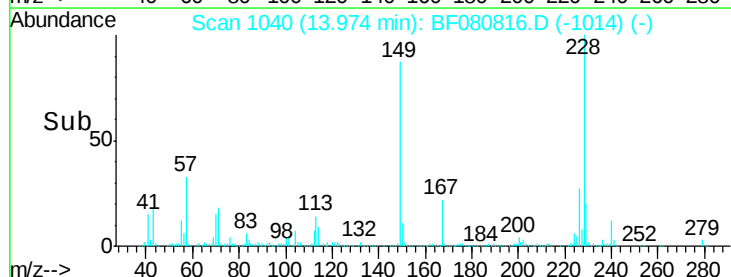
229 20.4 15.7 23.5

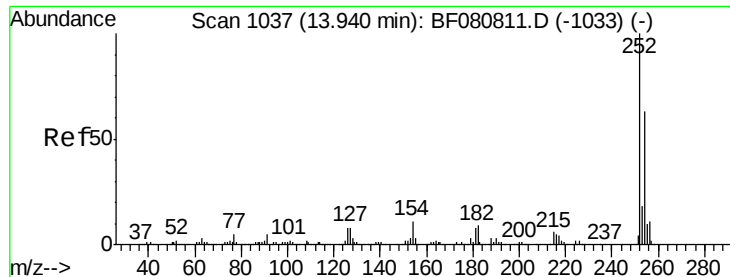


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

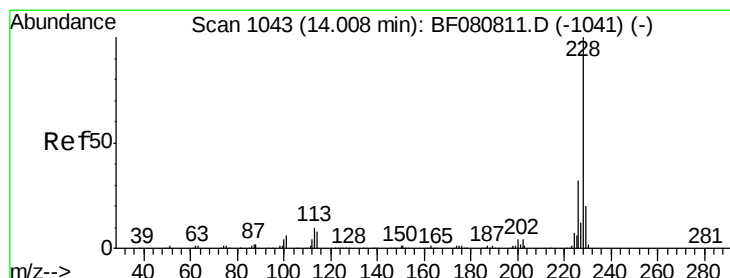
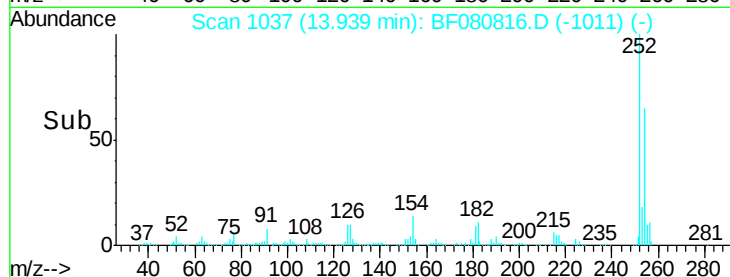
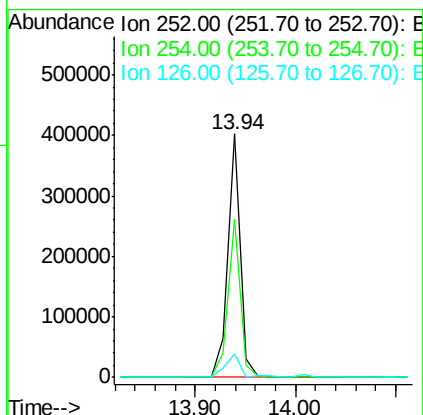
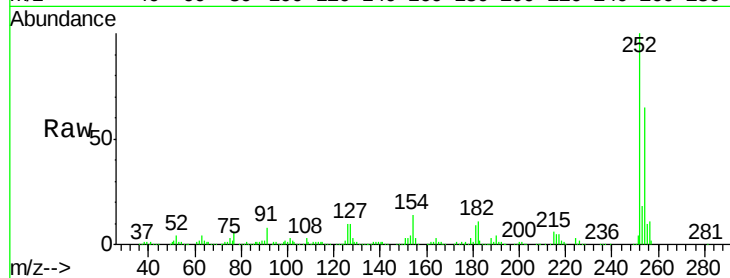




#81
 3,3'-Dichlorobenzidine
 Concen: 38.97 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

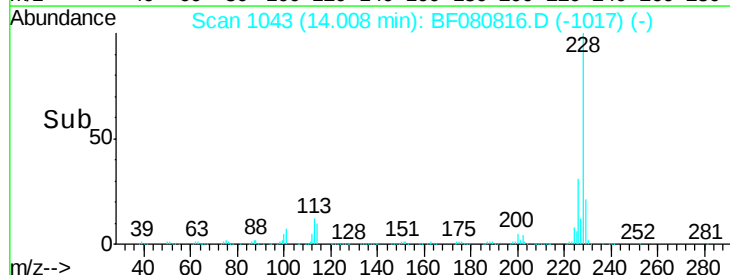
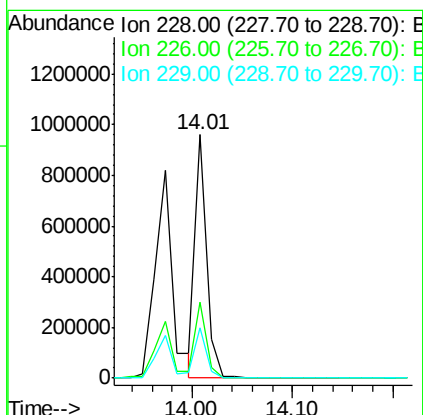
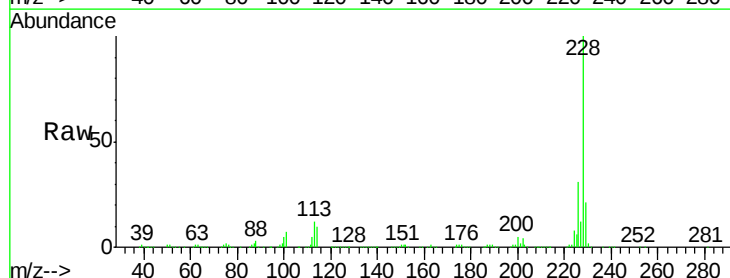
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

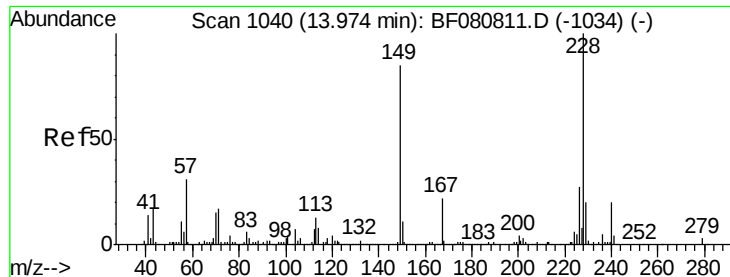
Tot Ion:252 Resp: 347579
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.1 75.1
 126 9.9 6.2 9.4#



#82
 Chrysene
 Concen: 31.82 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:228 Resp: 777401
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.6 16.1 24.1

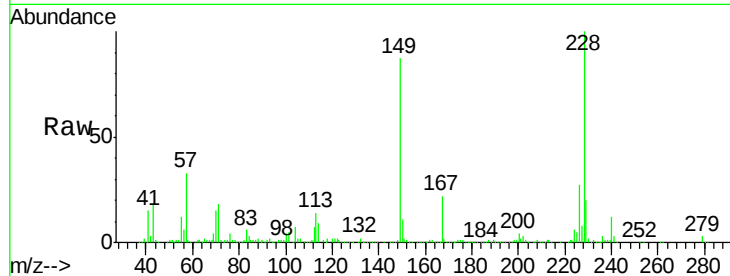




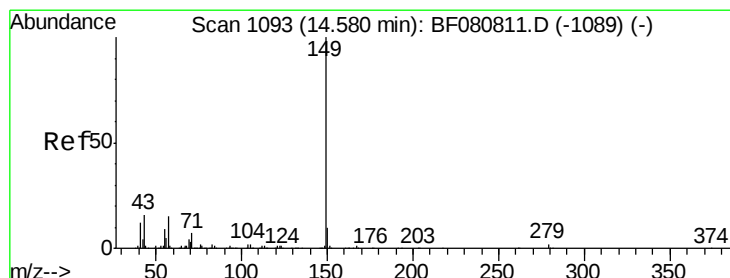
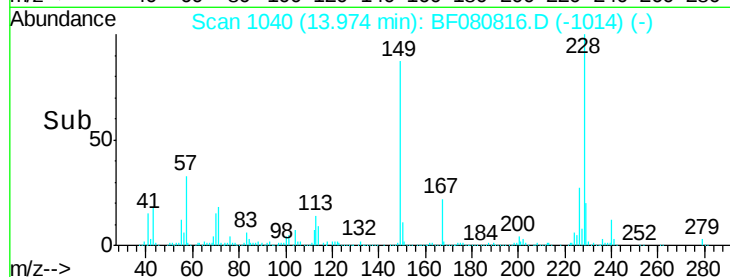
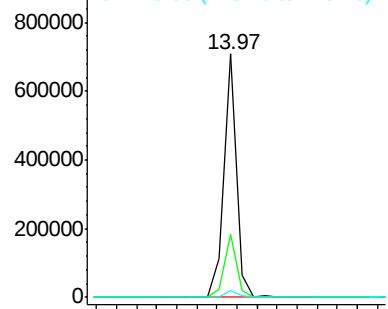
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.74 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion:149 Resp: 614735
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 2.9 2.4 3.6

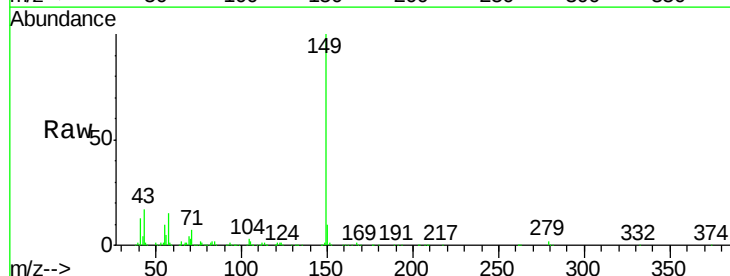


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

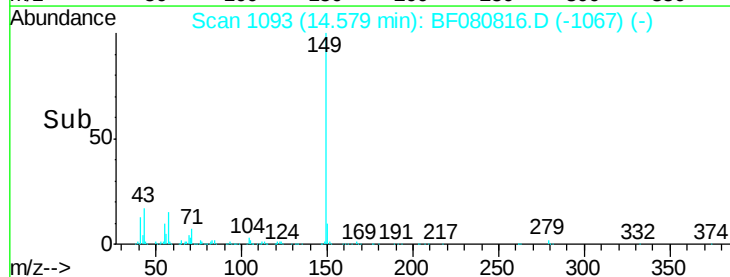
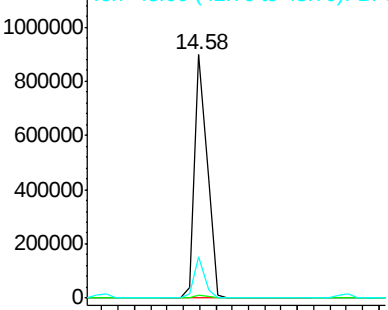


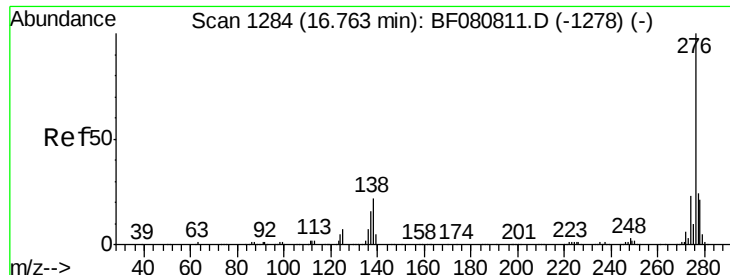
#84
 Di-n-octyl phthalate
 Concen: 37.98 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:149 Resp: 953023
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.5 11.8 17.8



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

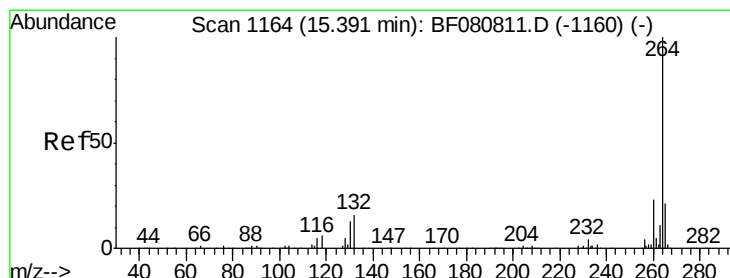
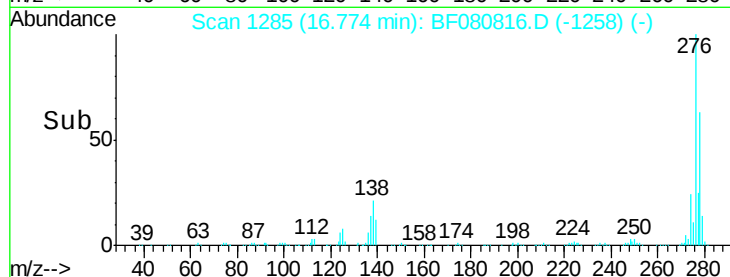
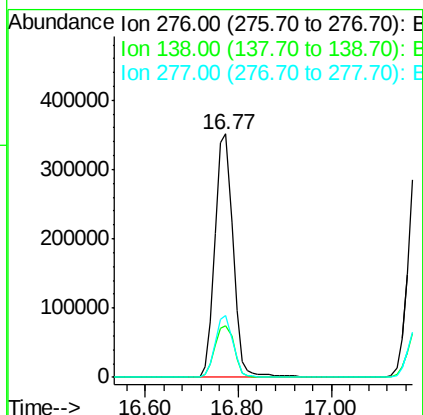
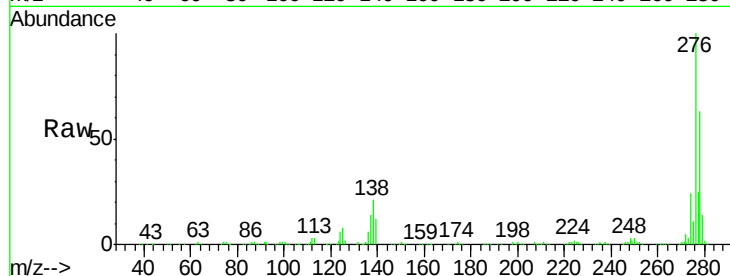




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.43 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

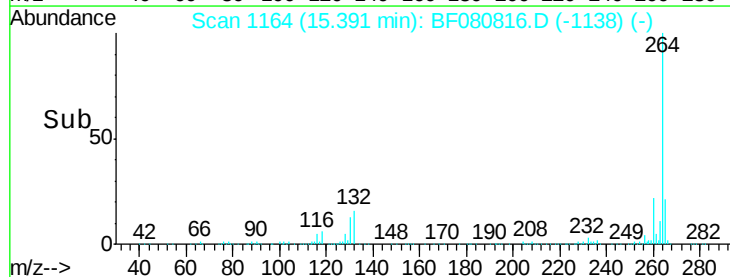
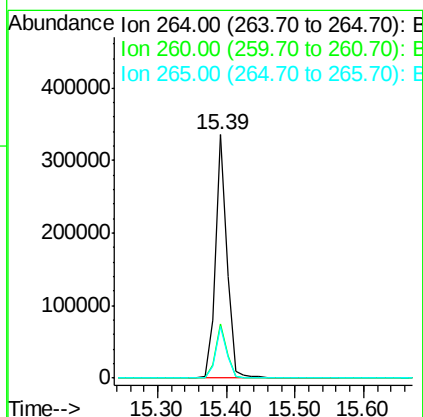
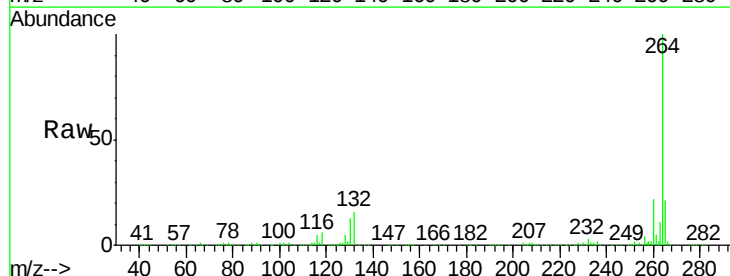
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

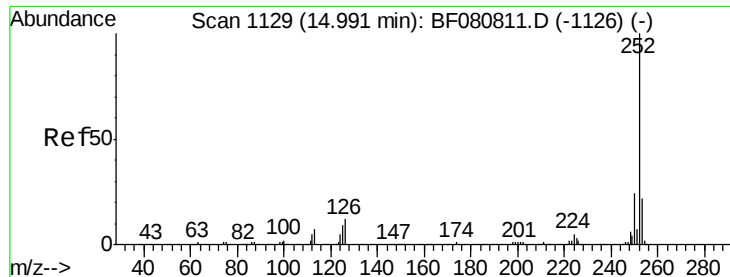
Tot Ion:276 Resp: 951071
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.6 27.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Tgt Ion:264 Resp: 397424
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.3 27.5
 265 21.5 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 69.34 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

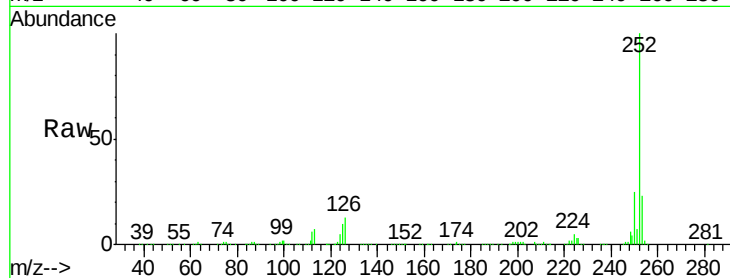
Tot Ion:252 Resp: 1613238

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

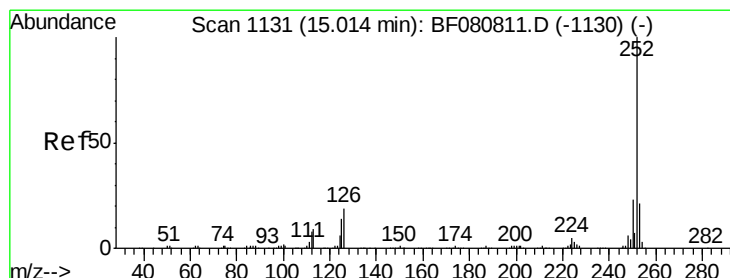
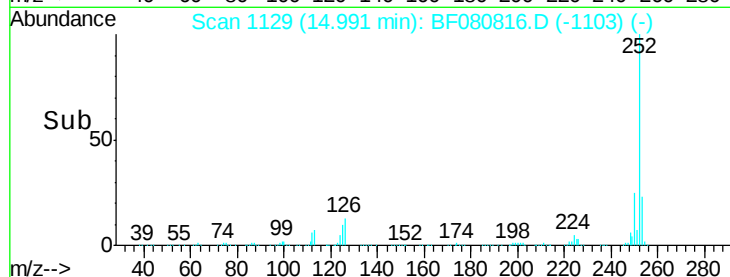
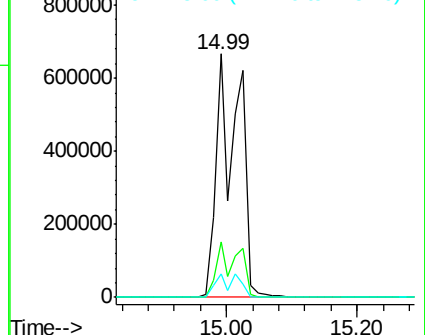
125 9.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.57 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

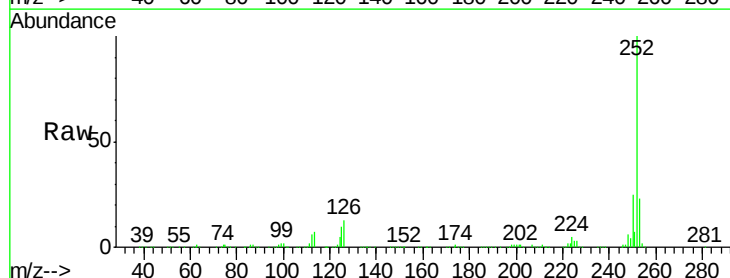
Tgt Ion:252 Resp: 1613238

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

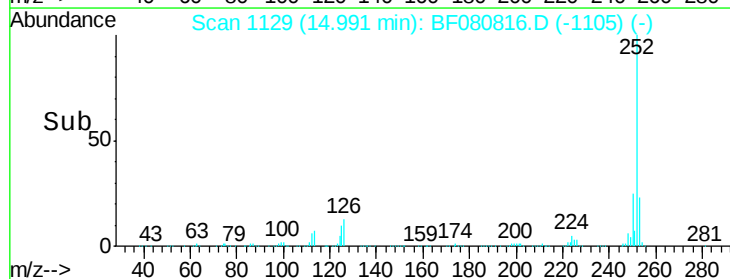
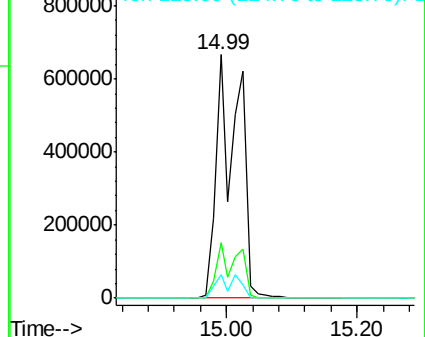
125 9.7 9.9 14.9#

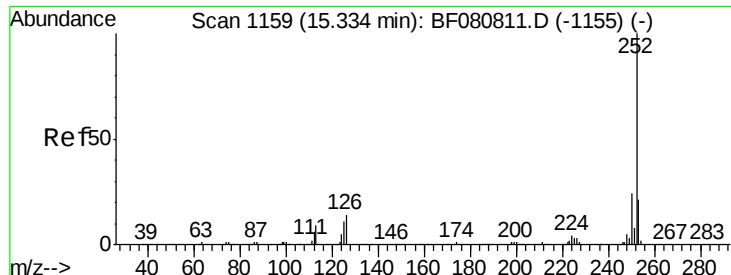


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.77 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

Instrument :

BNA_F

ClientSampleId :

ICVBF080315

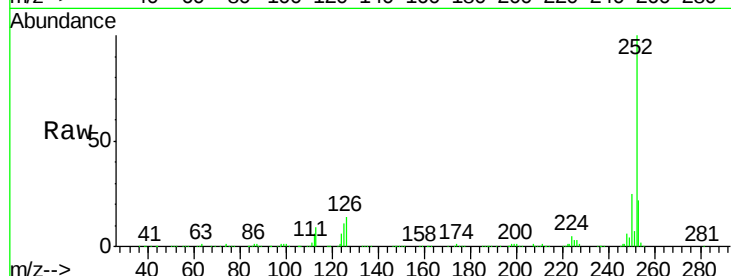
Tot Ion:252 Resp: 749347

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

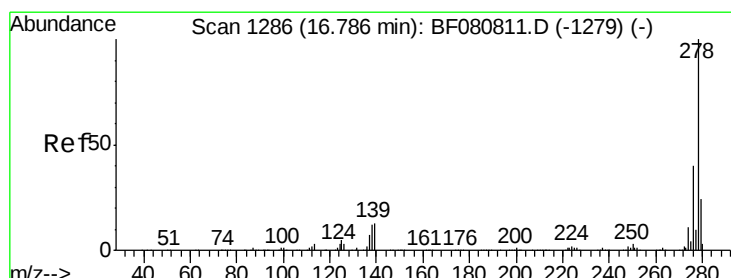
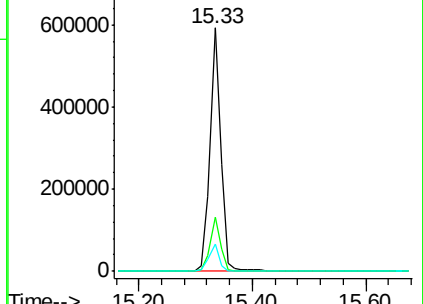
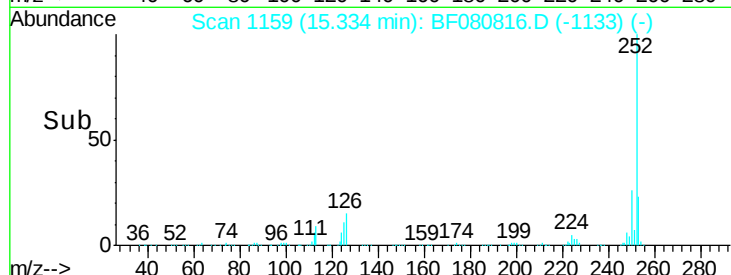
125 11.2 8.9 13.3



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: 40.64 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF080816.D

Acq: 3 Aug 2015 23:03

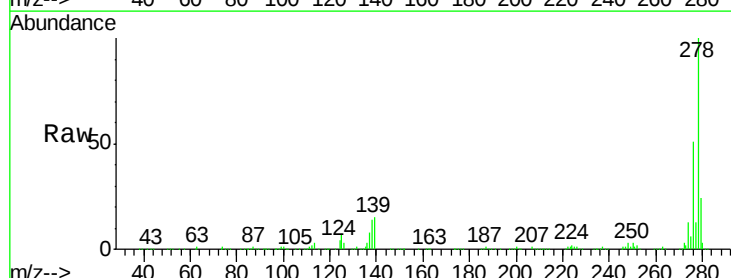
Tgt Ion:278 Resp: 781213

Ion Ratio Lower Upper

278 100

139 15.1 10.7 16.1

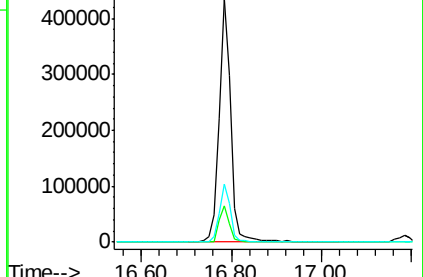
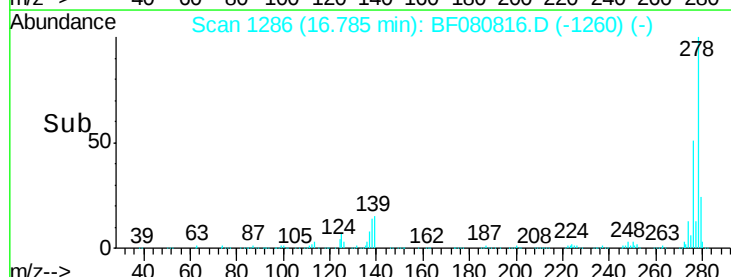
279 24.1 19.0 28.4

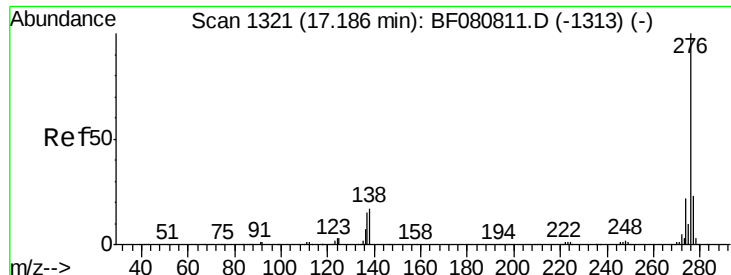


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

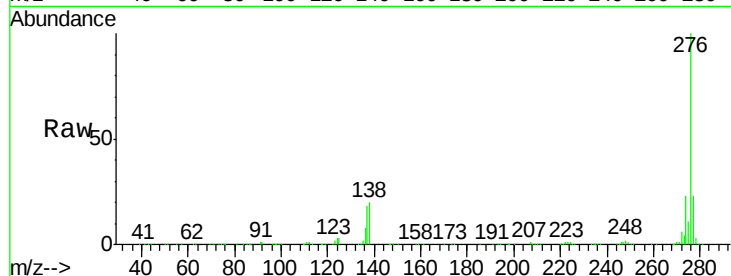




#91
 Benzo(a,h,i)perylene
 Concen: 41.86 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF080816.D
 Acq: 3 Aug 2015 23:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080315

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	19.6	13.3	19.9



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

