

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080993.D
 Acq On : 13 Aug 2015 21:43
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 14 00:40:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	47773	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	189296	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	78550	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	152667	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	82033	20.00	ng	-0.07
86) Perylene-d12	15.28	264	72643	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	199869	68.36	ng	-0.05
7) Phenol-d6	6.40	99	338117	84.39	ng	-0.05
23) Nitrobenzene-d5	7.32	82	332361	83.05	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	50215	58.19	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	441186	79.07	ng	-0.06
78) Terphenyl-d14	12.85	244	376547	94.81	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.27	88	49085	35.39	ng	# 88
3) Pyridine	2.96	79	147122	37.41	ng	# 86
4) n-Nitrosodimethylamine	2.91	42	106337	52.97	ng	# 78
6) Aniline	6.42	93	246927	41.95	ng	100
8) 2-Chlorophenol	6.53	128	132086	39.04	ng	# 77
9) Benzaldehyde	6.29	77	107517	39.81	ng	96
10) Phenol	6.41	94	205412	43.21	ng	# 62
11) bis(2-Chloroethyl)ether	6.50	93	155446	43.79	ng	96
12) 1,3-Dichlorobenzene	6.69	146	155841	43.40	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	162940	43.67	ng	96
14) 1,2-Dichlorobenzene	6.92	146	127258	37.73	ng	94
15) Benzyl Alcohol	6.90	79	134855	41.13	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	315542	44.19	ng	98
17) 2-Methylphenol	7.01	107	120897	41.86	ng	# 90
18) Hexachloroethane	7.26	117	57312	40.09	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	134229	45.83	ng	96
20) 3+4-Methylphenols	7.17	107	141590	39.03	ng	92
22) Acetophenone	7.17	105	207456	44.73	ng	98
24) Nitrobenzene	7.34	77	196289	47.64	ng	96
25) Isophorone	7.58	82	304745	39.60	ng	# 94
26) 2-Nitrophenol	7.65	139	65680	37.88	ng	# 79
27) 2,4-Dimethylphenol	7.70	122	118908	36.63	ng	89
28) bis(2-Chloroethoxy)methane	7.80	93	193102	41.80	ng	97
29) 2,4-Dichlorophenol	7.90	162	108742	40.77	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	122797	42.12	ng	98
31) Naphthalene	8.06	128	440107	42.18	ng	99
32) Benzoic acid	7.88	122	9341	4.81	ng	94
33) 4-Chloroaniline	8.11	127	143041	33.73	ng	# 91
34) Hexachlorobutadiene	8.18	225	63042	36.34	ng	99
35) Caprolactam	8.50	113	29181	30.41	ng	# 54
36) 4-Chloro-3-methylphenol	8.60	107	122101	37.51	ng	96
37) 2-Methylnaphthalene	8.75	142	220328	33.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	81893	33.82	ng	99
40) Hexachlorocyclopentadiene	8.91	237	13669	10.34	ng	99

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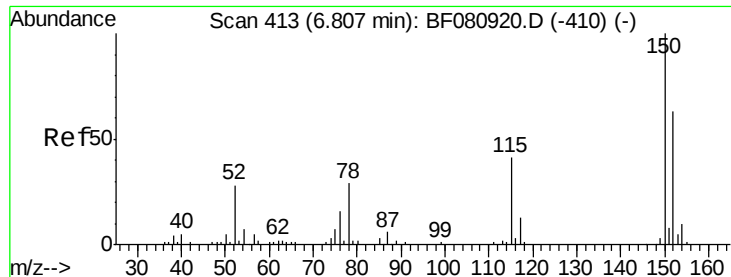
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.04	196	61068	34.41	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	64584	36.11	nq	# 85
45) 1,1'-Biphenyl	9.22	154	244252	36.23	nq	100
46) 2-Chloronaphthalene	9.24	162	173523	33.01	nq	99
47) 2-Nitroaniline	9.33	65	74771	35.48	nq	89
48) Acenaphthylene	9.65	152	321529	35.19	nq	99
49) Dimethylphthalate	9.53	163	232936	35.70	nq	98
50) 2,6-Dinitrotoluene	9.58	165	54940	40.76	nq	# 65
51) Acenaphthene	9.82	154	224771	40.17	nq	99
52) 3-Nitroaniline	9.74	138	42603	25.64	nq	95
53) 2,4-Dinitrophenol	9.85	184	7836	14.97	nq	# 79
54) Dibenzofuran	10.00	168	334135	44.16	nq	99
55) 4-Nitrophenol	9.90	139	37966	30.52	nq	# 33
56) 2,4-Dinitrotoluene	9.98	165	79687	44.18	nq	# 78
57) Fluorene	10.34	166	205536	35.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	50967	36.01	nq	98
59) Diethylphthalate	10.22	149	224299	33.02	nq	96
60) 4-Chlorophenyl-phenylether	10.33	204	88599	31.06	nq	97
61) 4-Nitroaniline	10.36	138	62966	36.82	nq	92
62) Azobenzene	10.49	77	279481	36.80	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	12498	13.21	nq	# 76
65) n-Nitrosodiphenylamine	10.45	169	203055	38.28	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	71149	44.00	nq	98
67) Hexachlorobenzene	10.88	284	60646	33.74	nq	# 45
68) Atrazine	10.98	200	63961	41.13	nq	98
69) Pentachlorophenol	11.07	266	34472	32.98	nq	96
70) Phenanthrene	11.29	178	320949	37.13	nq	98
71) Anthracene	11.34	178	385525	45.05	nq	99
72) Carbazole	11.49	167	288197	34.59	nq	# 97
73) Di-n-butylphthalate	11.84	149	426087	40.89	nq	99
74) Fluoranthene	12.48	202	272862	29.20	nq	92
76) Benzidine	12.60	184	131403	35.03	nq	96
77) Pyrene	12.69	202	222027	36.64	nq	98
79) Butylbenzylphthalate	13.32	149	119626	40.95	nq	# 63
80) Benzo(a)anthracene	13.88	228	219551	42.37	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	69939	37.11	nq	# 97
82) Chrysene	13.92	228	174255	35.12	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	160824	39.56	nq	# 92
84) Di-n-octyl phthalate	14.50	149	265896	38.58	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	228684	48.43	nq	100
87) Benzo(b)fluoranthene	14.92	252	422858	83.71	nq	98
88) Benzo(k)fluoranthene	14.92	252	422858	95.69	nq	# 95
89) Benzo(a)pyrene	15.22	252	177840	40.96	nq	# 95
90) Dibenzo(a,h)anthracene	16.61	278	193662	50.43	nq	98
91) Benzo(g,h,i)perylene	16.99	276	169507	45.38	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

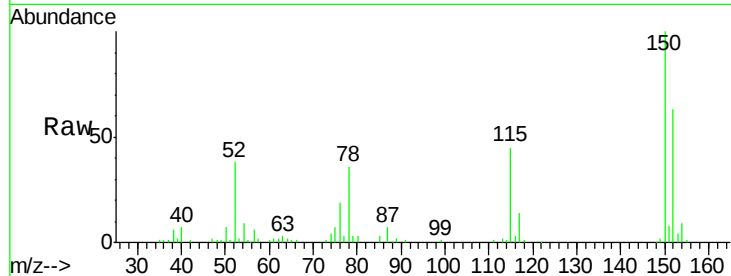
Tot Ion:152 Resp: 47773

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.2

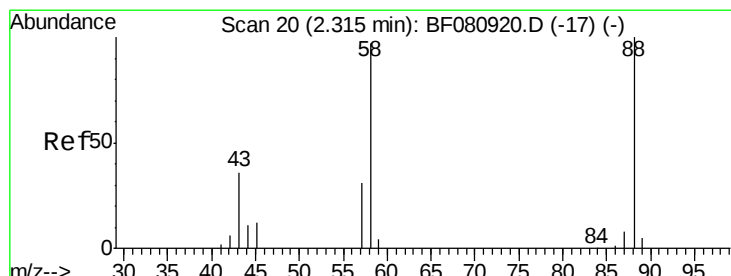
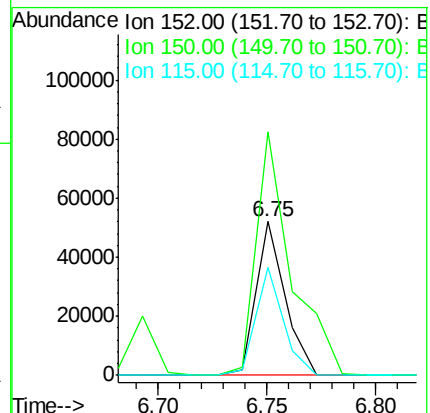
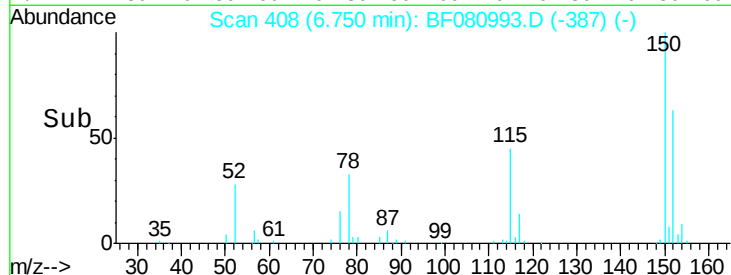
115 70.7 52.6 78.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.39 ng

RT: 2.27 min Scan# 16

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

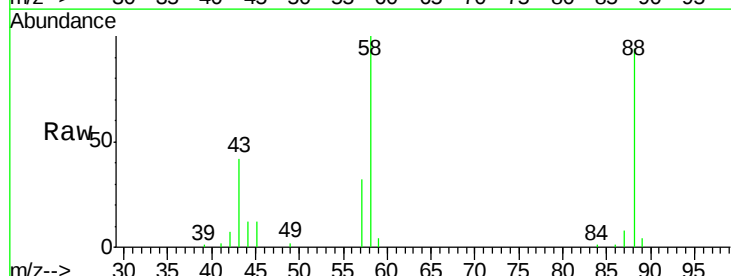
Tgt Ion: 88 Resp: 49085

Ion Ratio Lower Upper

88 100

58 108.8 79.3 118.9

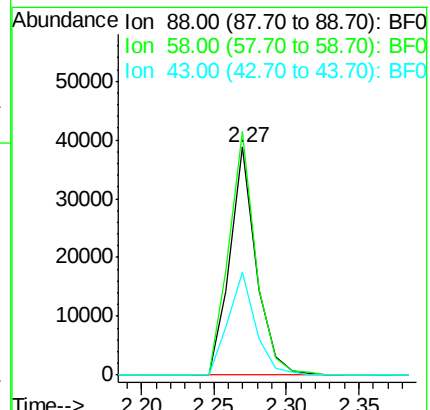
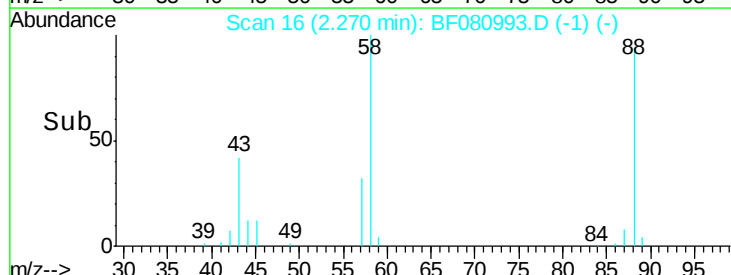
43 46.6 28.3 42.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

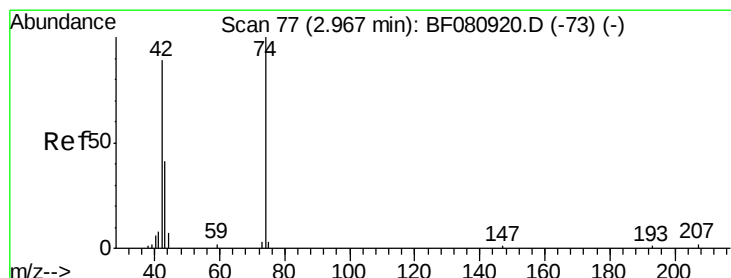
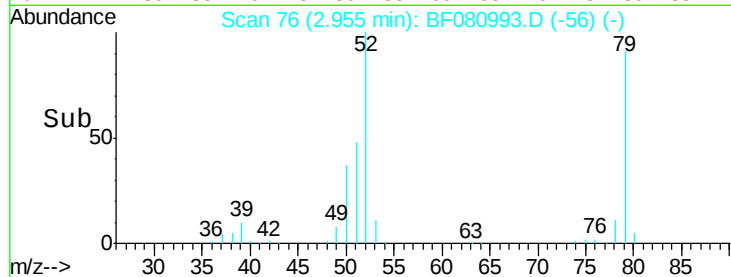
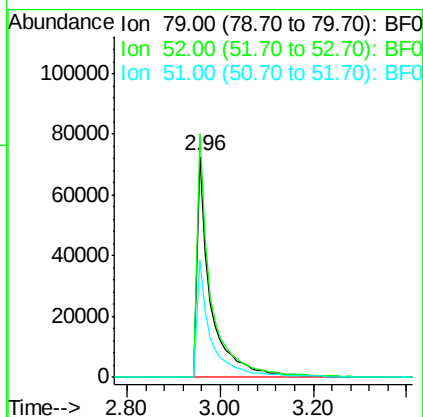
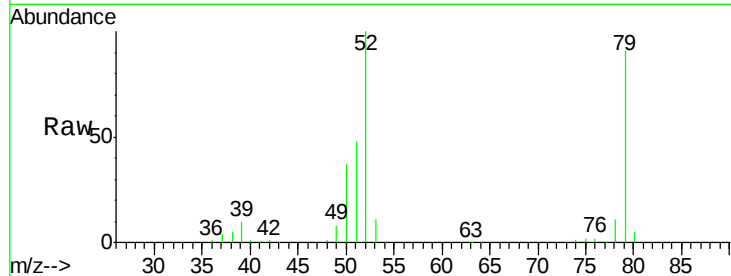




#3
 Pvrindine
 Concen: 37.41 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

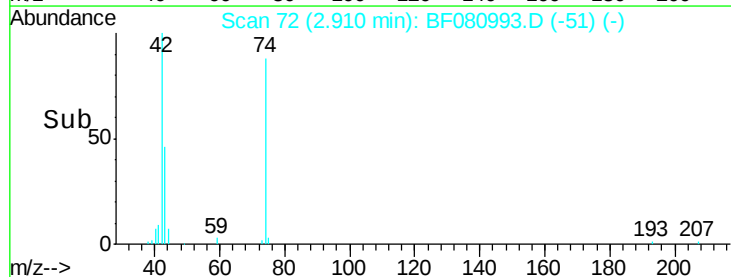
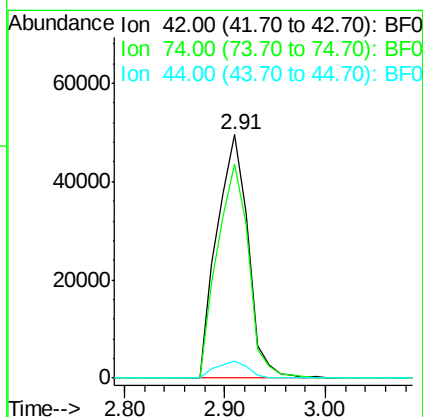
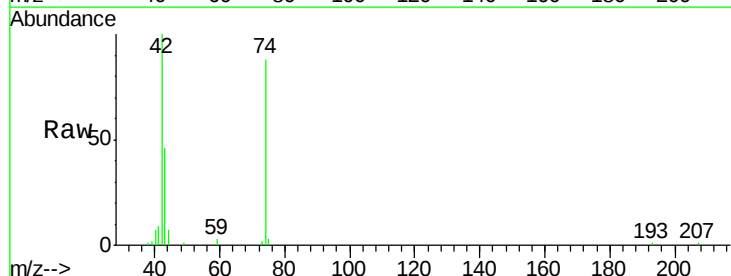
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

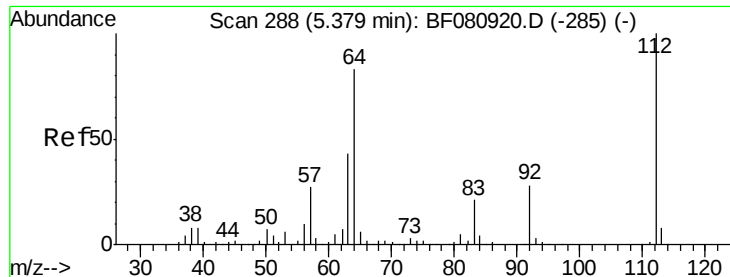
Tot Ion: 79 Resp: 147122
 Ion Ratio Lower Upper
 79 100
 52 110.2 77.2 115.8
 51 52.9 35.0 52.4#



#4
 n-Nitrosodimethylamine
 Concen: 52.97 ng
 RT: 2.91 min Scan# 72
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion: 42 Resp: 106337
 Ion Ratio Lower Upper
 42 100
 74 87.7 89.8 134.8#
 44 6.9 6.5 9.7





#5

2-Fluorophenol

Concen: 68.36 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

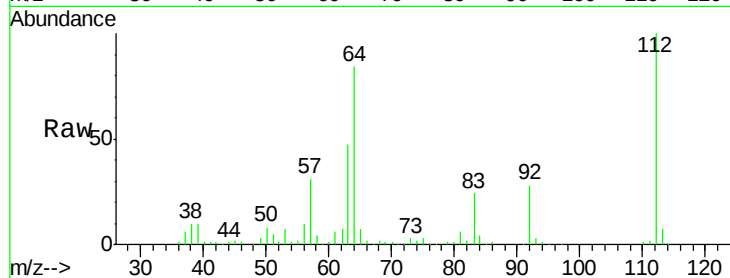
Tot Ion:112 Resp: 199869

Ion Ratio Lower Upper

112 100

64 83.9 66.1 99.1

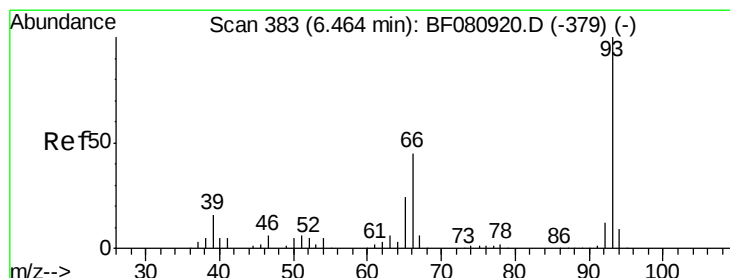
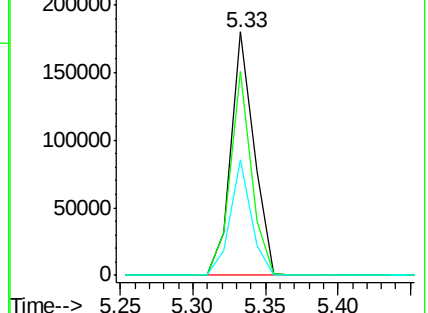
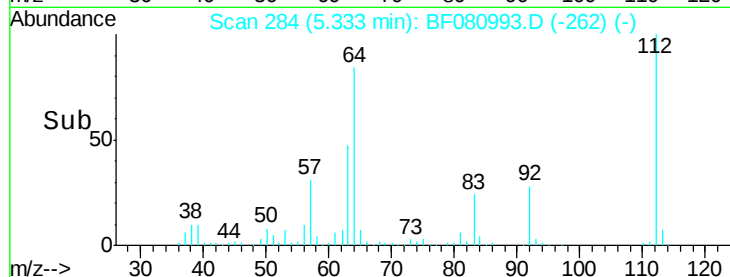
63 47.5 34.6 52.0



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: 41.95 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

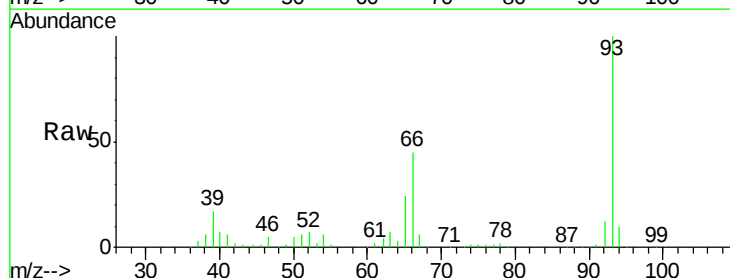
Tgt Ion: 93 Resp: 246927

Ion Ratio Lower Upper

93 100

66 45.0 36.2 54.4

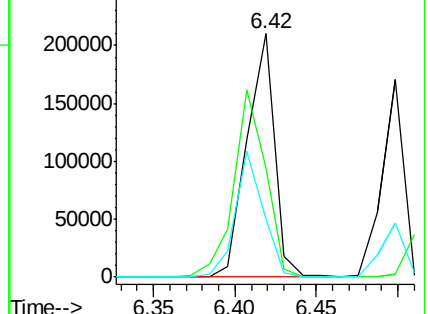
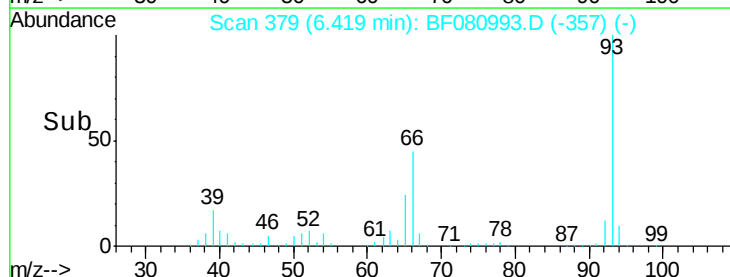
65 23.7 19.0 28.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.39 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

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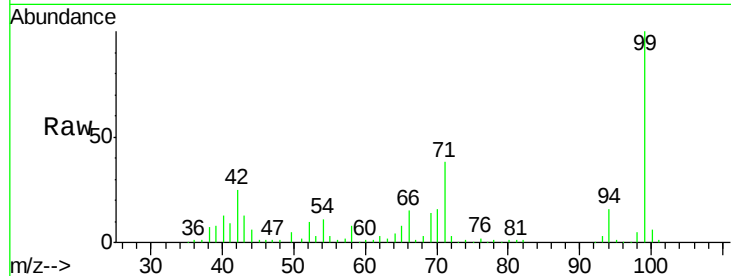
Tot Ion: 99 Resp: 338117

Ion Ratio Lower Upper

99 100

42 25.3 14.4 21.6#

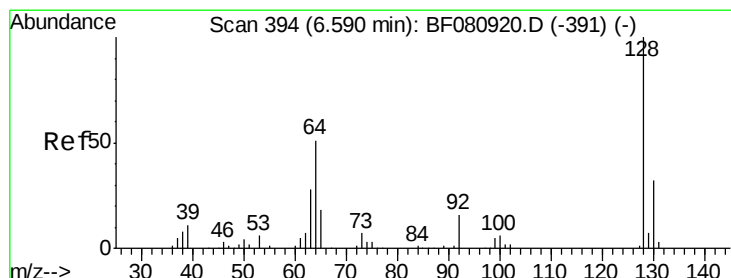
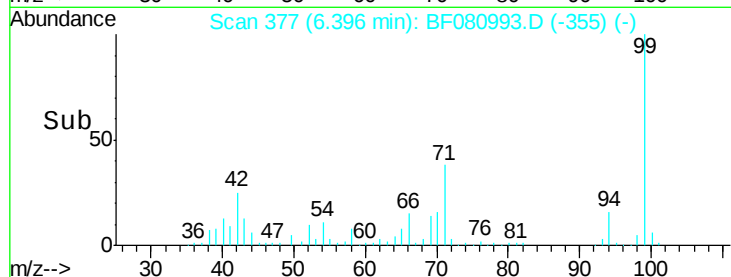
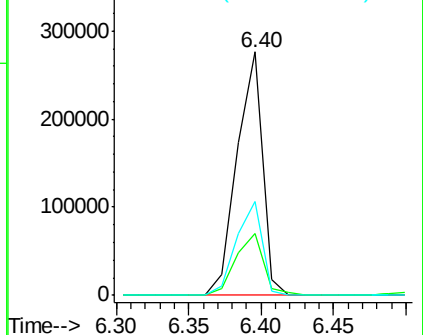
71 38.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.04 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

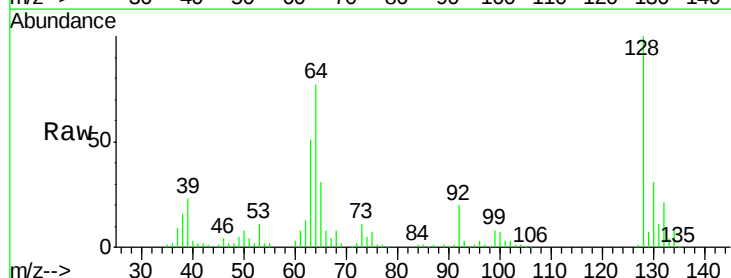
Tgt Ion: 128 Resp: 132086

Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

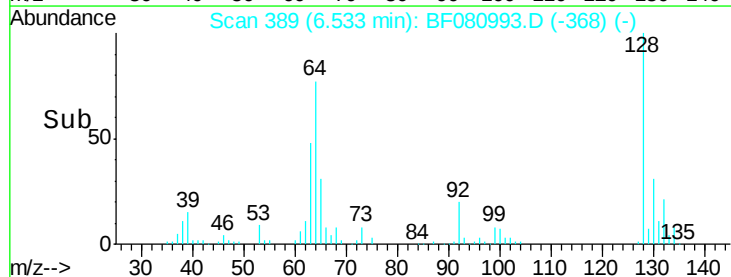
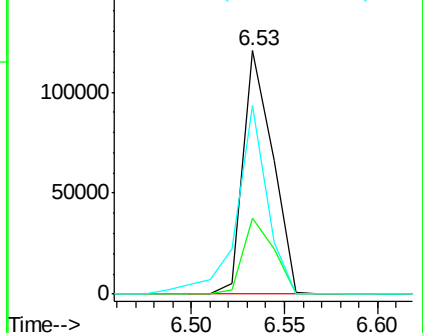
64 77.4 32.1 72.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.81 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

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Acq: 13 Aug 2015 21:43

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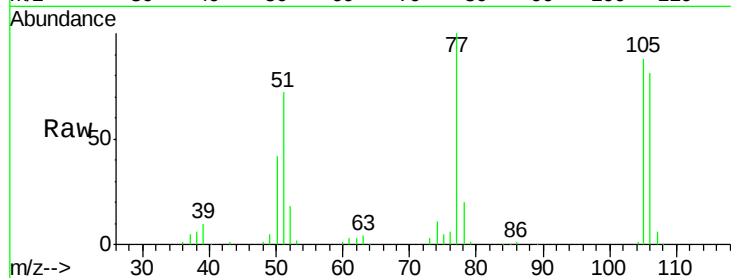
Tot Ion: 77 Resp: 107517

Ion Ratio Lower Upper

77 100

105 87.8 71.6 111.6

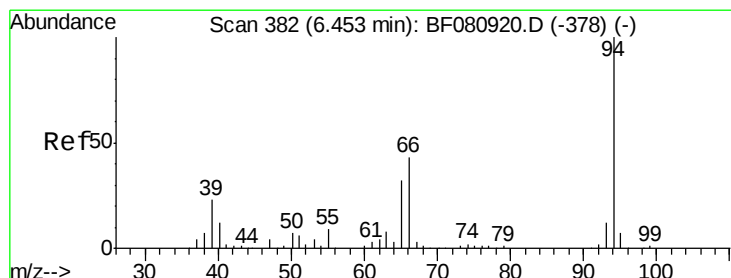
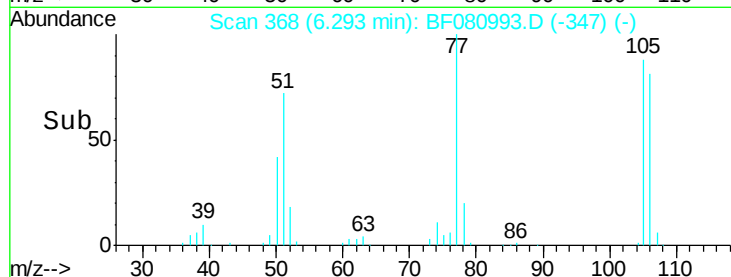
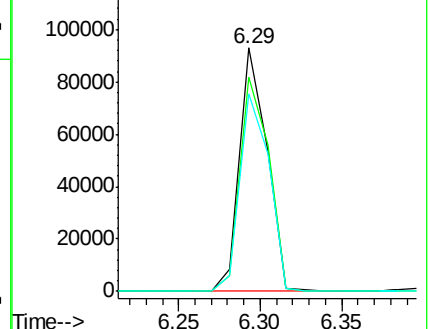
106 81.3 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.21 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

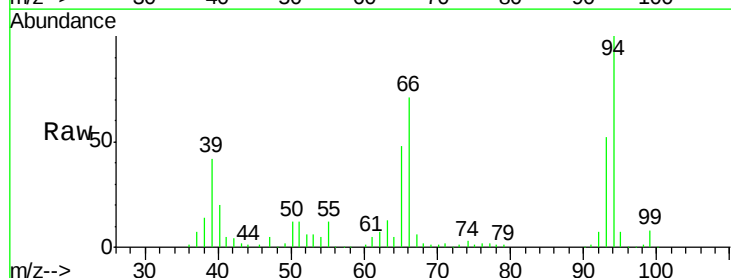
Tgt Ion: 94 Resp: 205412

Ion Ratio Lower Upper

94 100

65 47.9 11.8 51.8

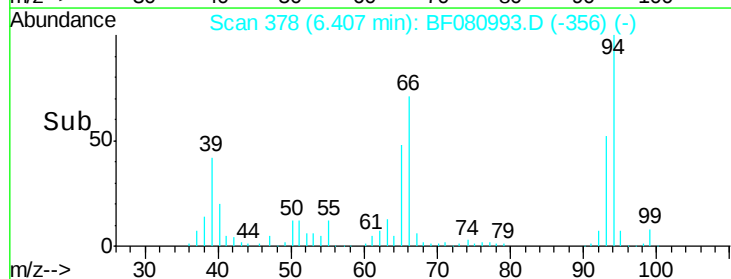
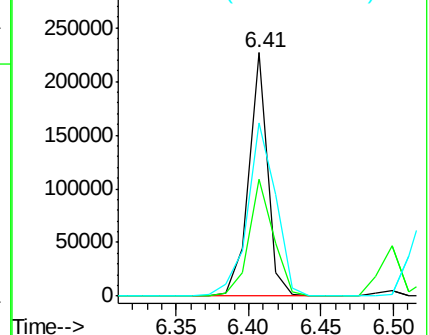
66 71.4 22.9 62.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

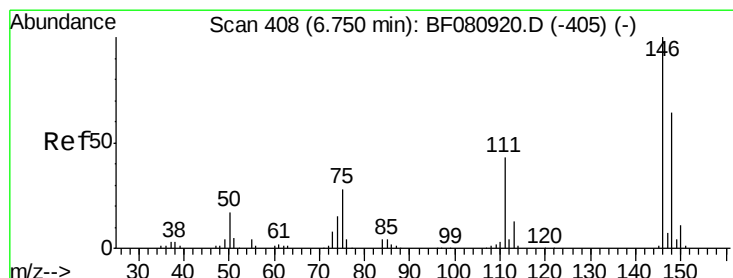
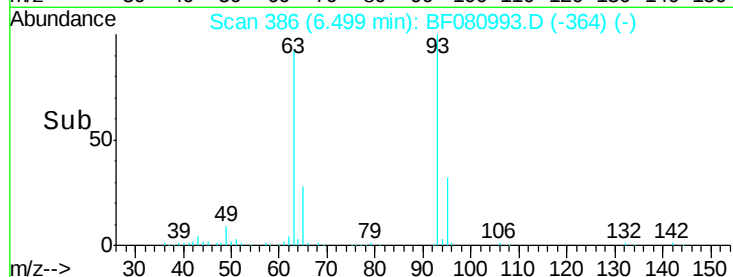
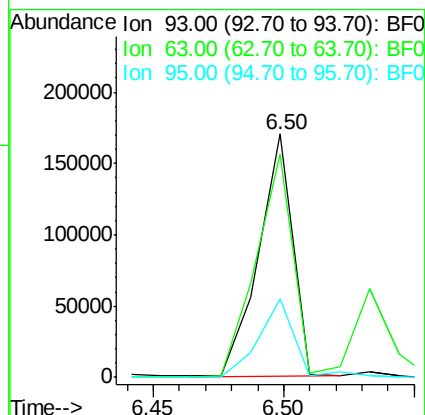
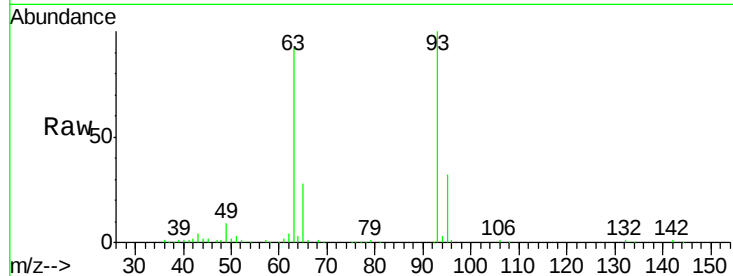




#11
bis(2-Chloroethyl)ether
Concen: 43.79 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

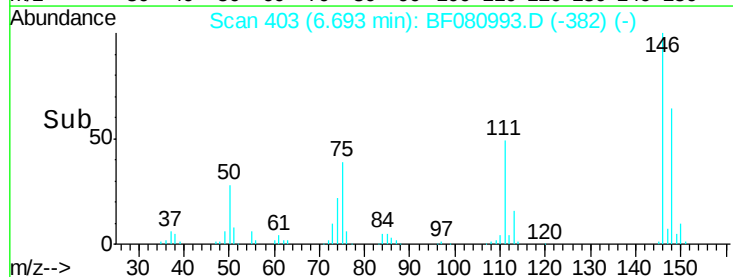
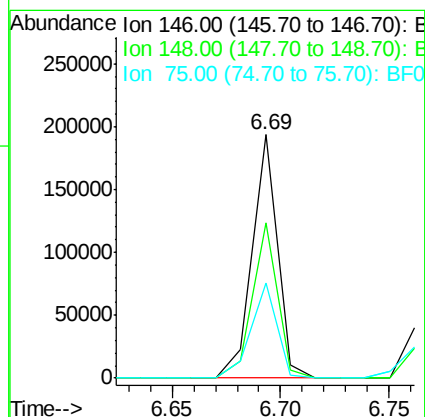
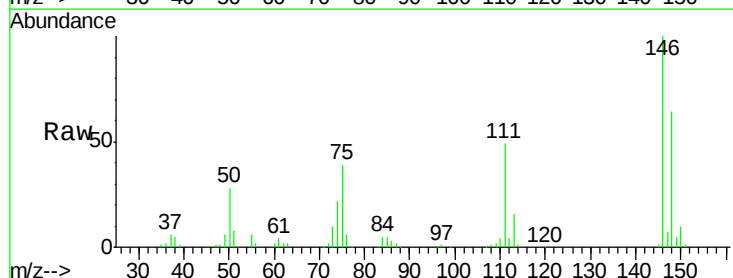
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 93 Resp: 155446
Ion Ratio Lower Upper
93 100
63 91.8 76.7 116.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.40 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion: 146 Resp: 155841
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 39.0 22.2 33.4#

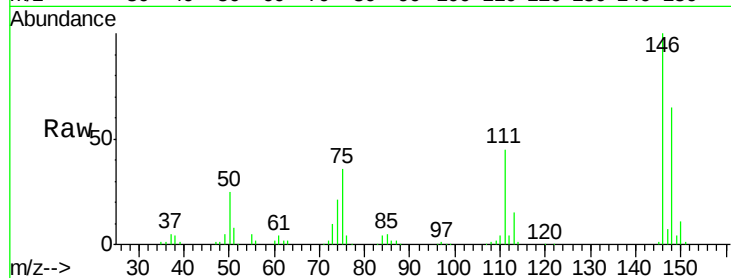




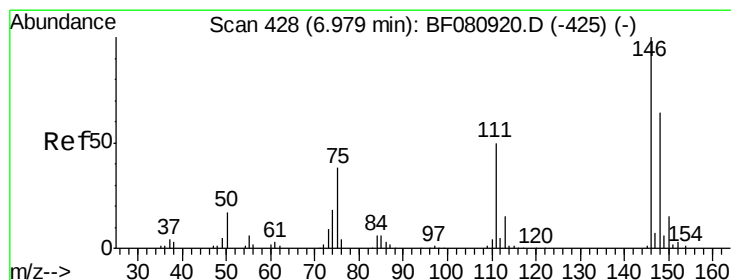
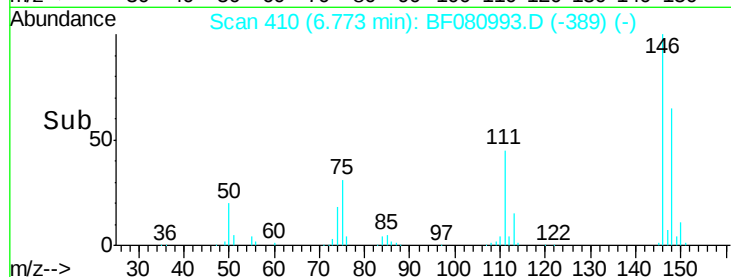
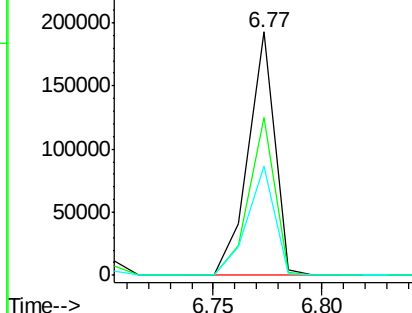
#13
 1,4-Dichlorobenzene
 Concen: 43.67 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 162940
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 45.0 31.5 47.3

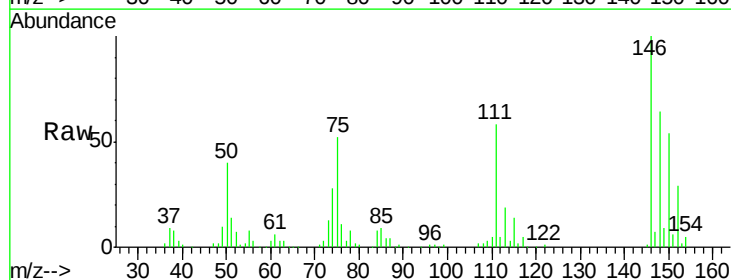


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

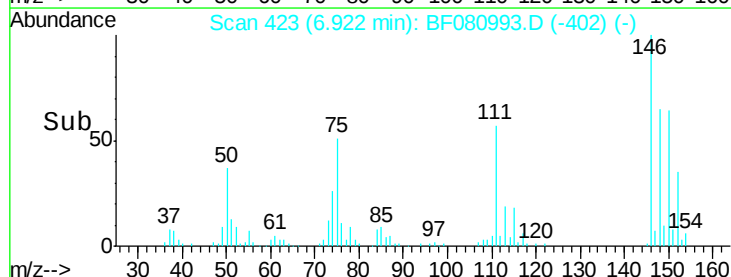
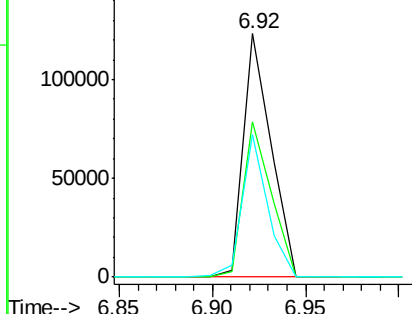


#14
 1,2-Dichlorobenzene
 Concen: 37.73 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:146 Resp: 127258
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 58.3 40.0 60.0



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





#15

Benzyl Alcohol

Concen: 41.13 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

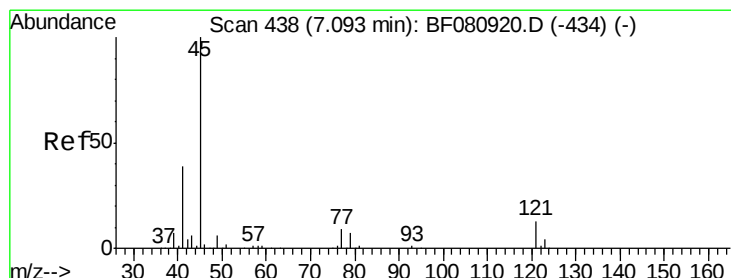
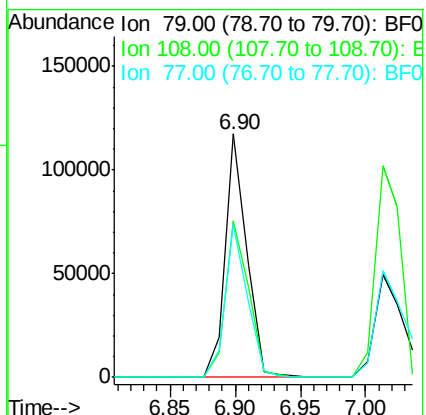
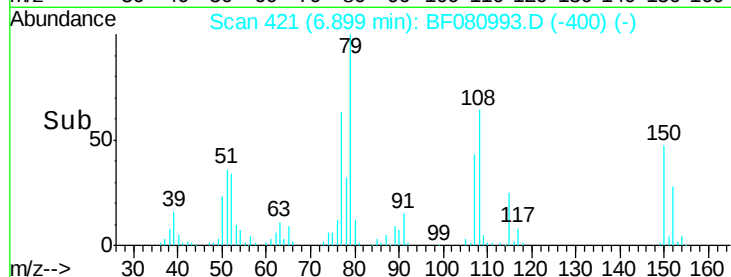
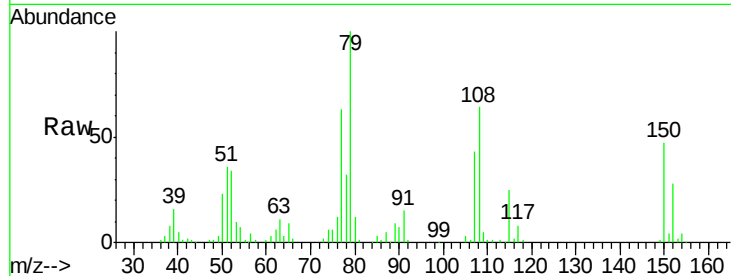
Tot Ion: 79 Resp: 134855

Ion Ratio Lower Upper

79 100

108 64.2 60.9 91.3

77 62.9 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.19 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

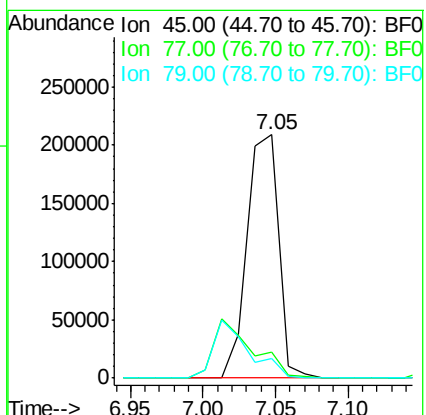
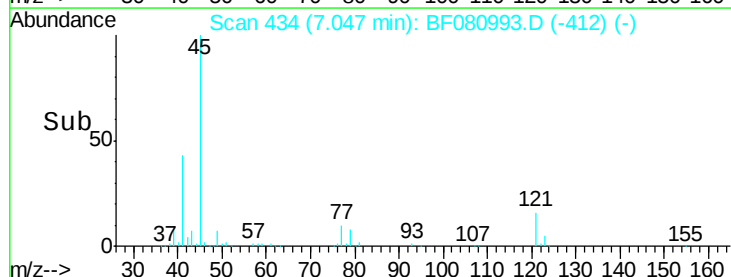
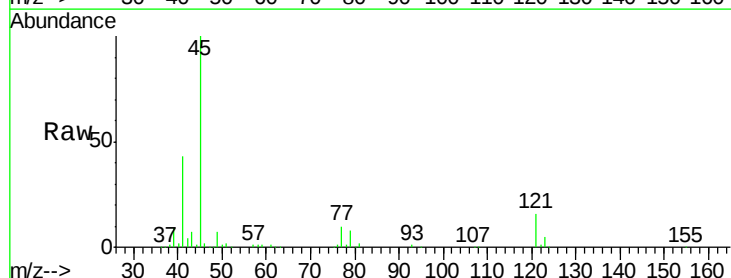
Tgt Ion: 45 Resp: 315542

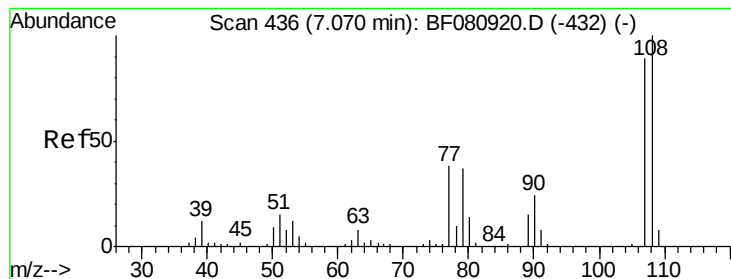
Ion Ratio Lower Upper

45 100

77 10.5 0.0 29.6

79 8.3 0.0 27.7

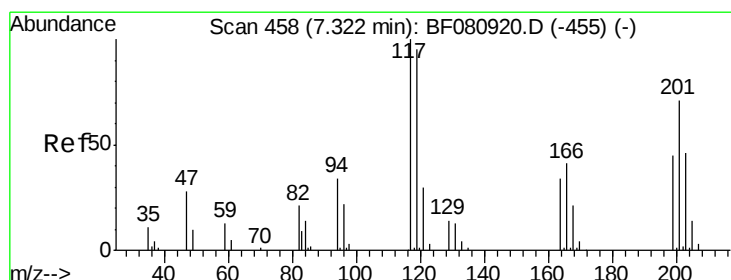
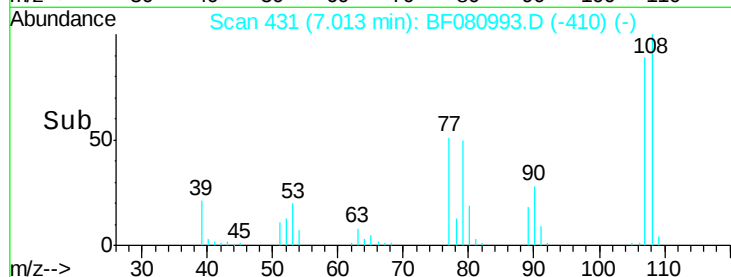
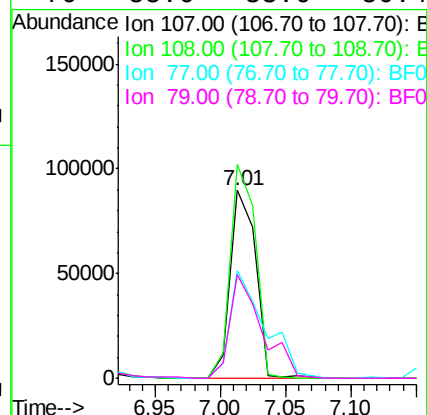
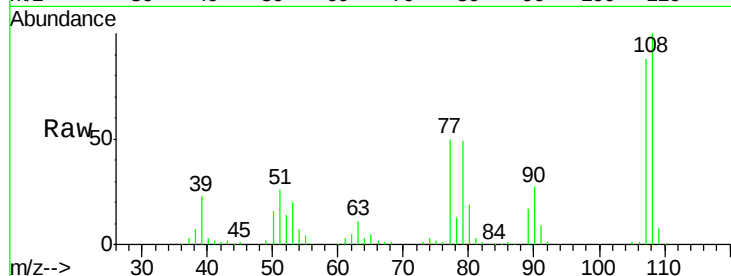




#17
2-Methylphenol
Concen: 41.86 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

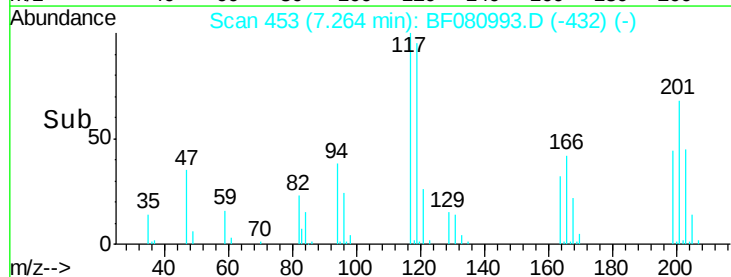
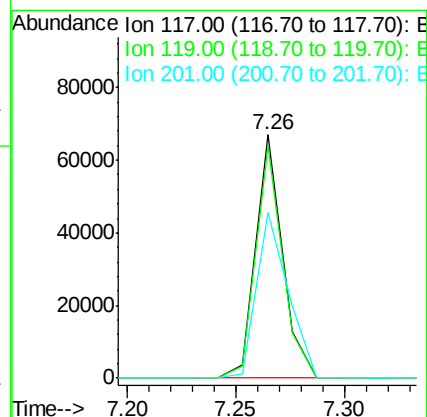
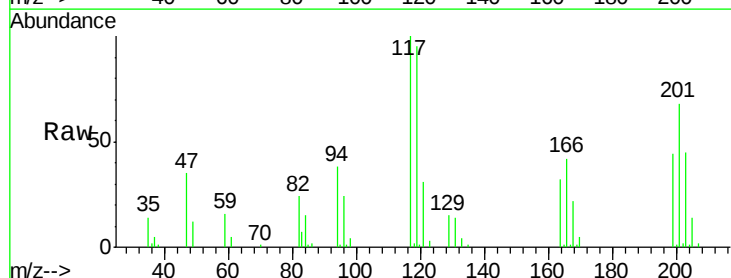
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

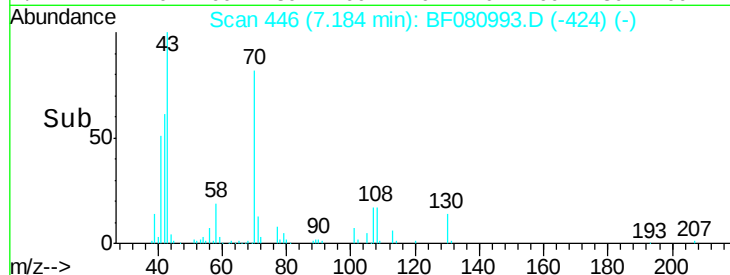
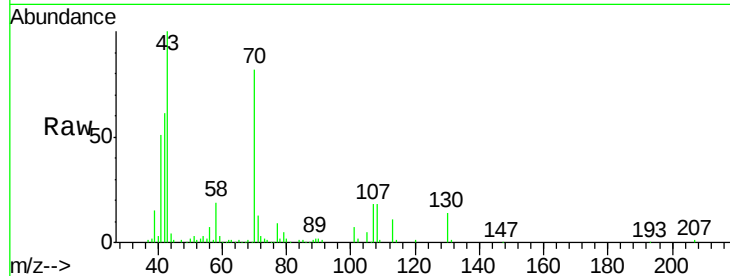
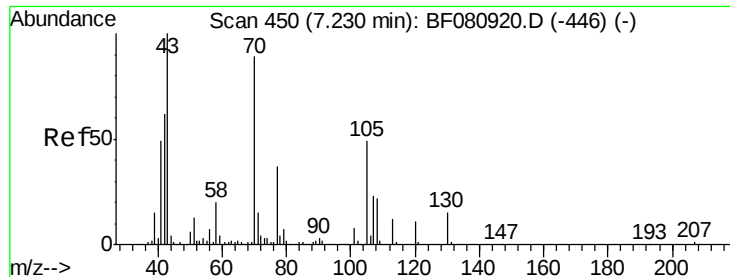
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.3	135.5
77	57.3	34.6	51.8#
79	55.6	33.6	50.4#



#18
Hexachloroethane
Concen: 40.09 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
201	68.0	57.0	85.6

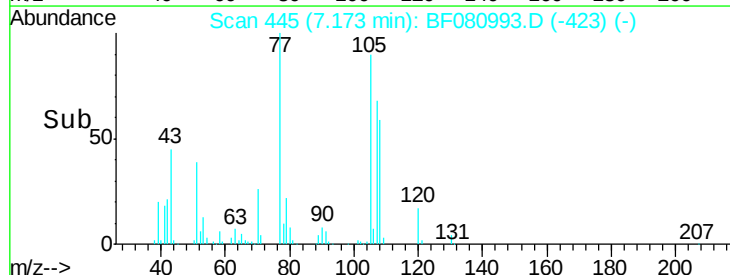
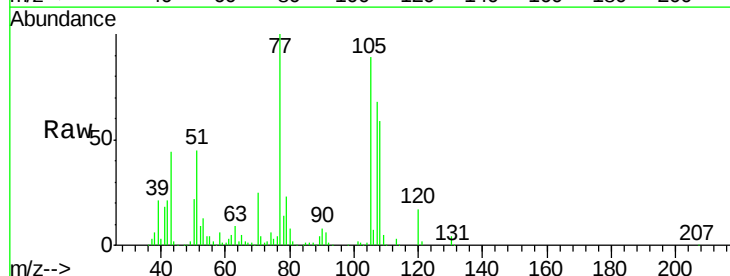
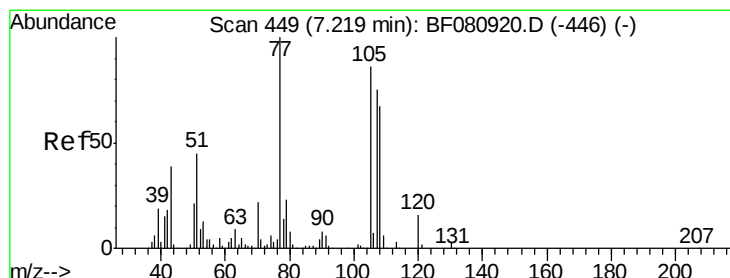
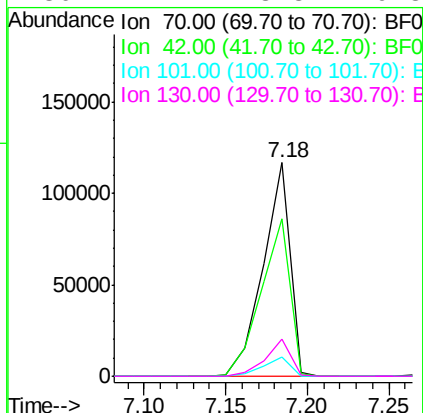




#19
n-Nitroso-di-n-propylamine
Concen: 45.83 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

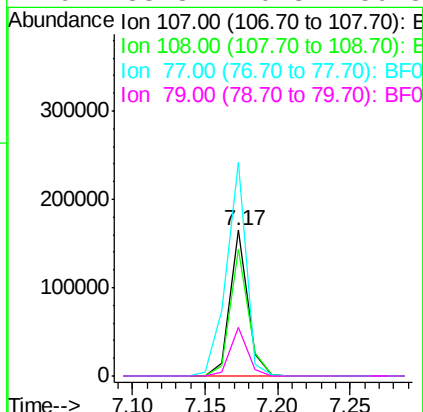
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

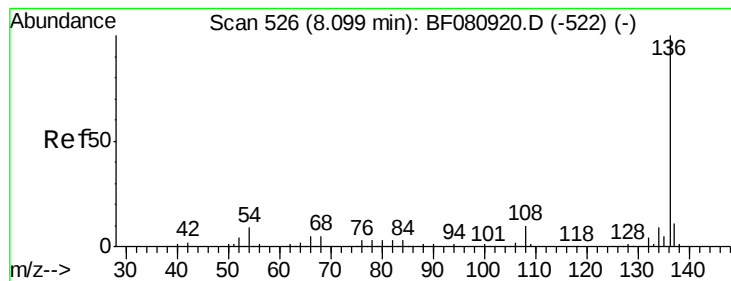
Tot Ion:	70	Resp:	134229
Ion	Ratio	Lower	Upper
70	100		
42	74.0	55.7	83.5
101	8.9	7.0	10.6
130	17.4	13.8	20.8



#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:	107	Resp:	141590
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.2	109.2
77	146.7	113.0	153.0
79	33.8	10.3	50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 189296

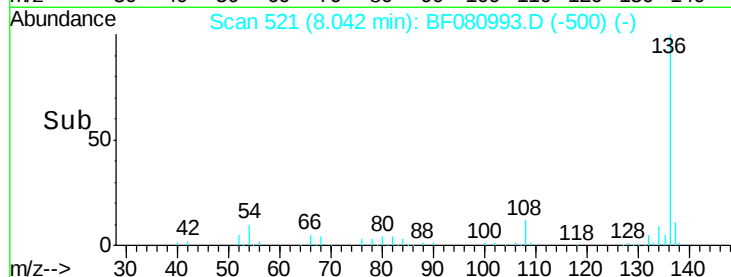
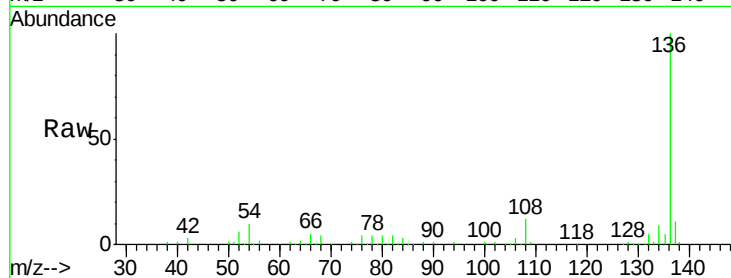
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.4 7.1 10.7

68 4.5 3.8 5.8

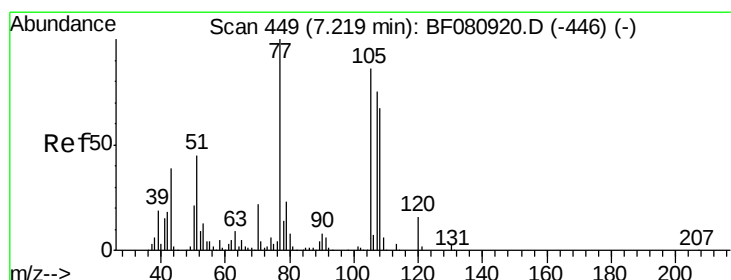
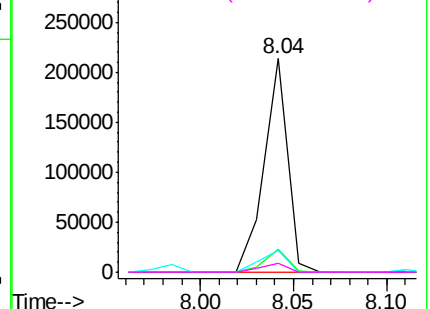


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.73 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Tgt Ion:105 Resp: 207456

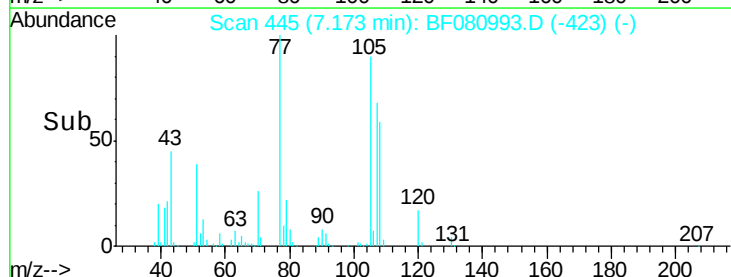
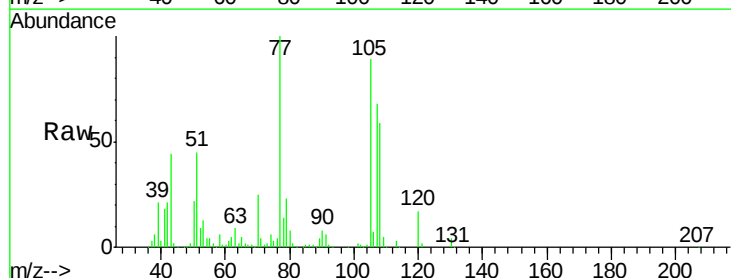
Ion Ratio Lower Upper

105 100

71 4.7 3.3 4.9

51 50.8 41.8 62.6

120 19.4 15.1 22.7

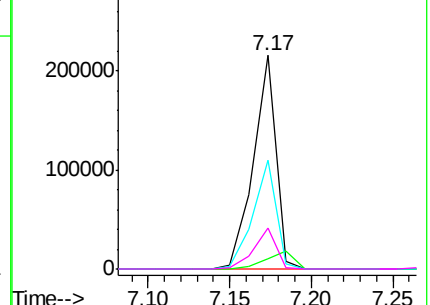


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

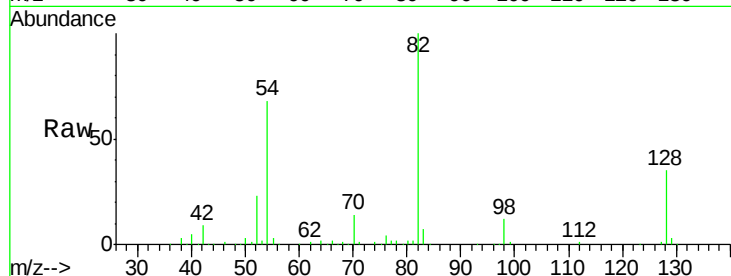




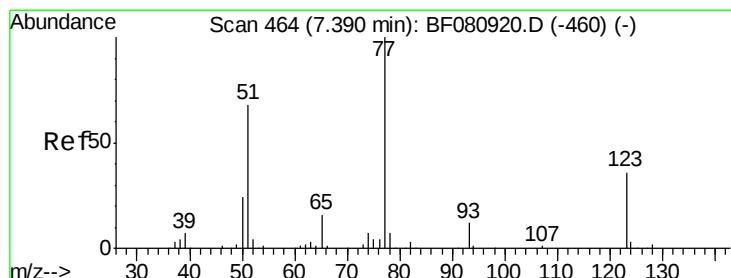
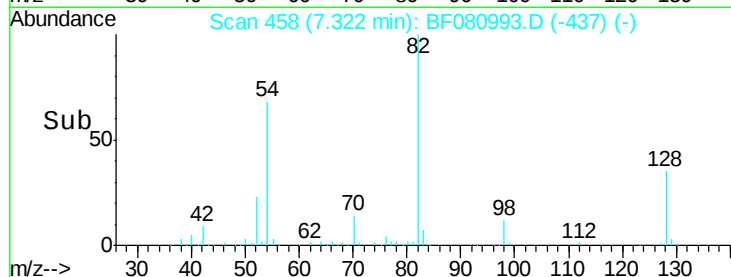
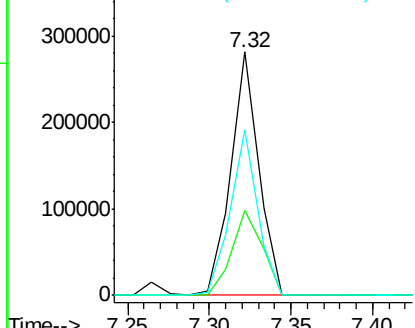
#23
 Nitrobenzene-d5
 Concen: 83.05 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 332361
 Ion Ratio Lower Upper
 82 100
 128 35.1 34.1 51.1
 54 68.1 46.5 69.7

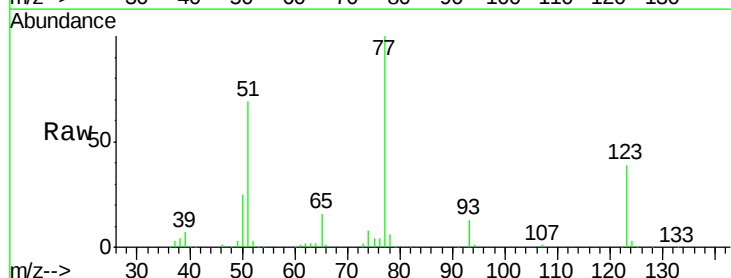


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

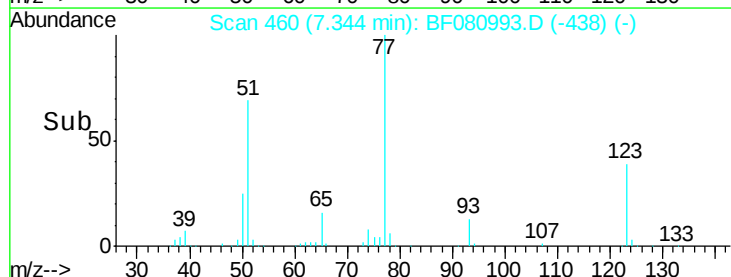
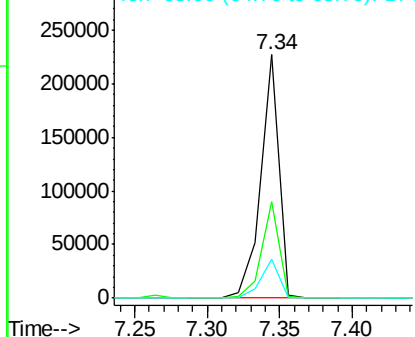


#24
 Nitrobenzene
 Concen: 47.64 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.05 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion: 77 Resp: 196289
 Ion Ratio Lower Upper
 77 100
 123 39.4 28.7 43.1
 65 16.0 12.5 18.7



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: 39.60 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

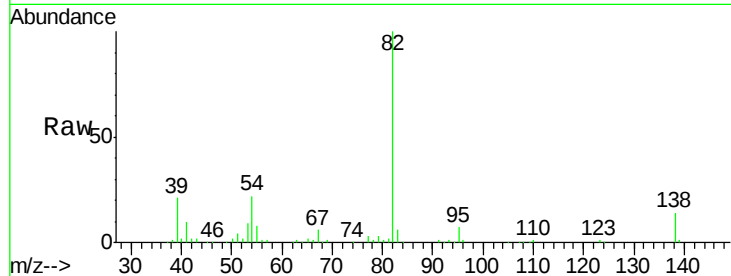
Tot Ion: 82 Resp: 304745

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

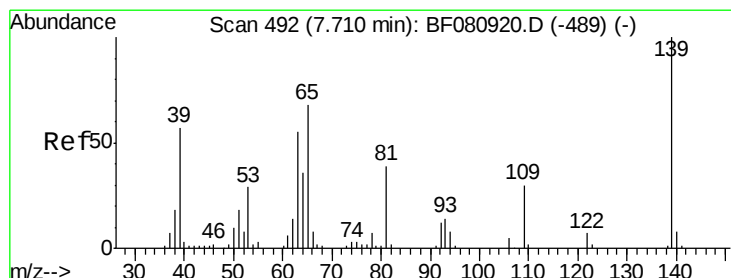
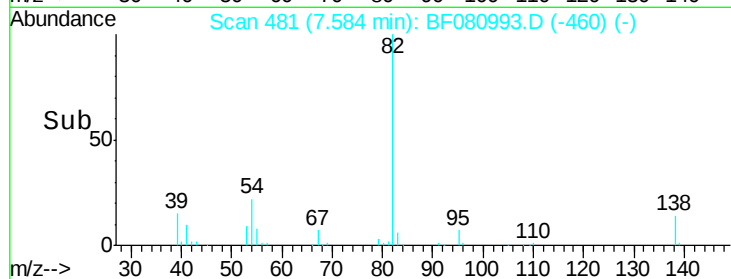
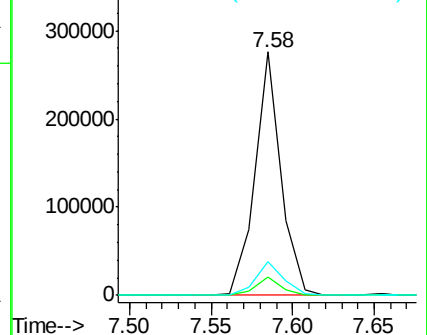
138 13.6 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.88 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

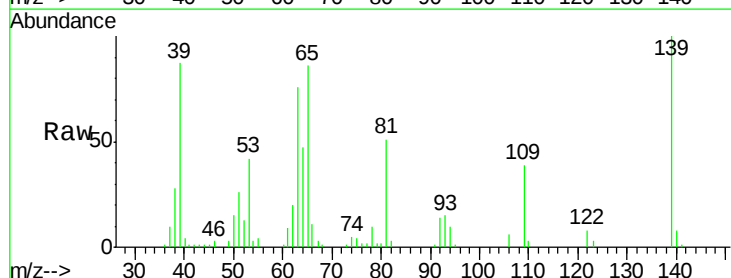
Tgt Ion: 139 Resp: 65680

Ion Ratio Lower Upper

139 100

109 39.0 24.1 36.1#

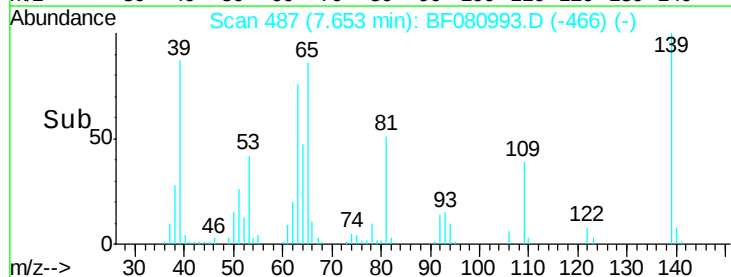
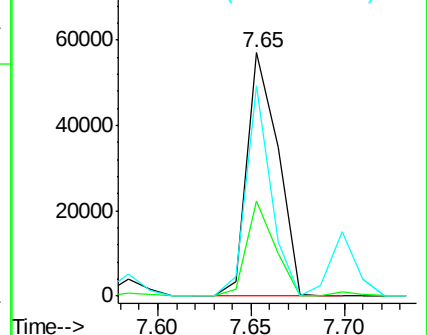
65 86.4 54.0 81.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

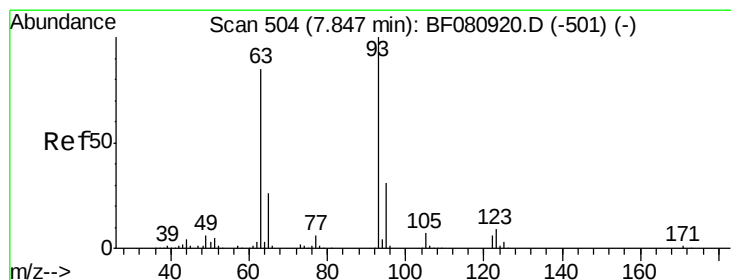
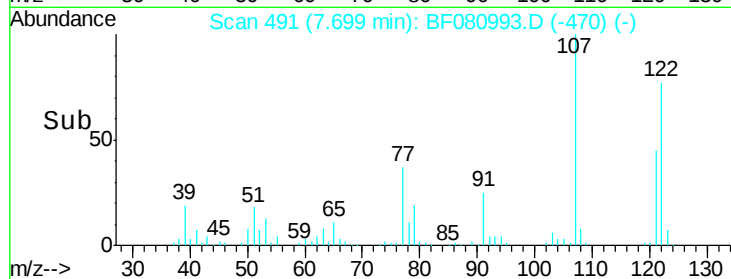
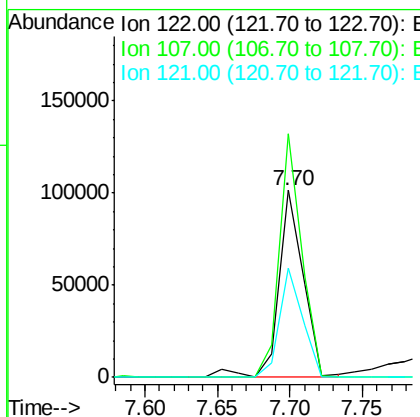
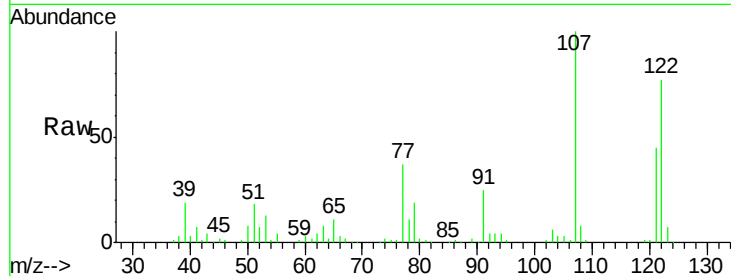




#27
 2,4-Dimethylphenol
 Concen: 36.63 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

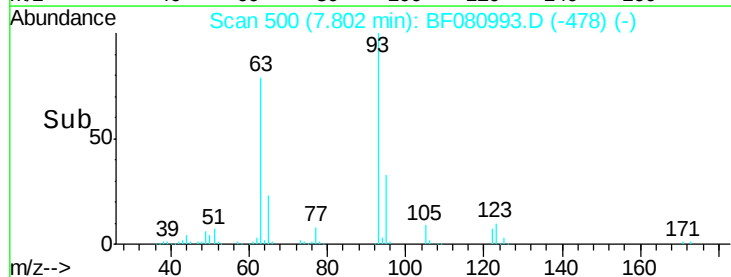
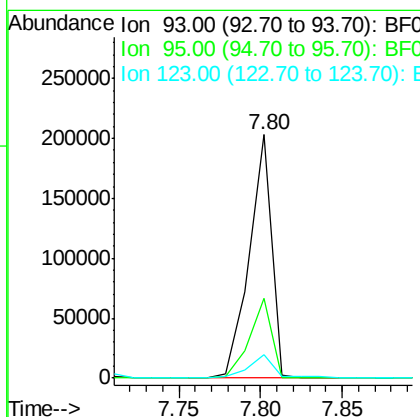
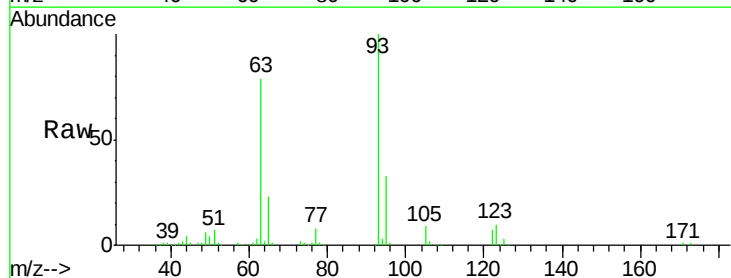
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 118908
 Ion Ratio Lower Upper
 122 100
 107 130.2 90.2 135.4
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.80 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion: 93 Resp: 193102
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.0 37.4
 123 9.9 7.4 11.0

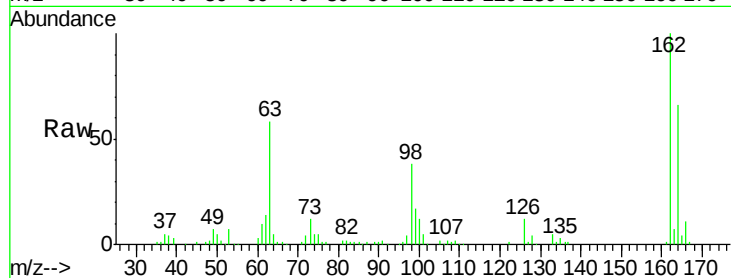




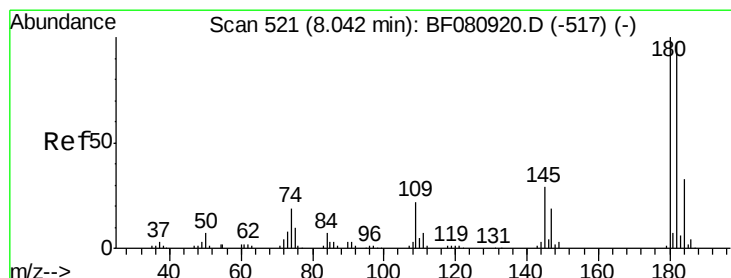
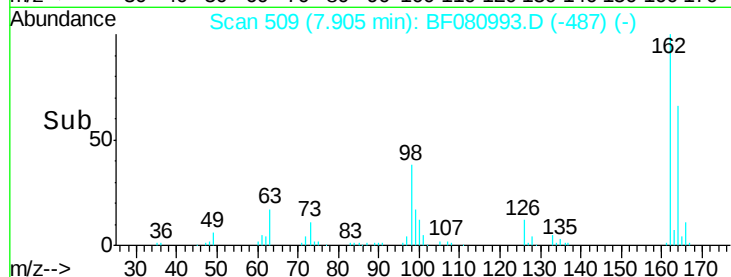
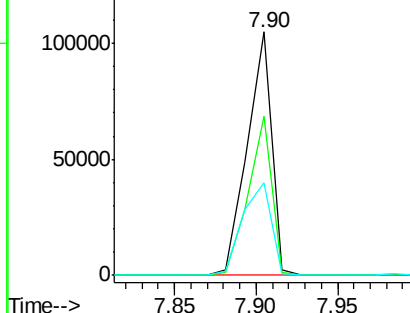
#29
 2,4-Dichlorophenol
 Concen: 40.77 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 108742
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.3 82.3
 98 37.9 27.7 67.7

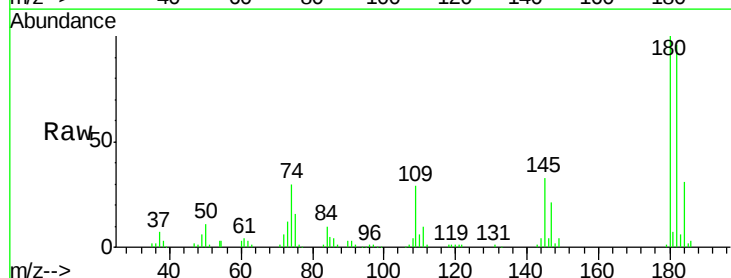


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

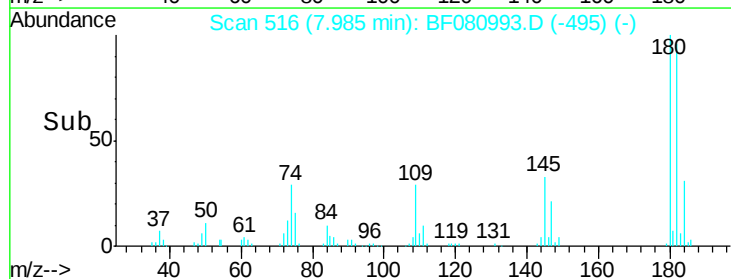
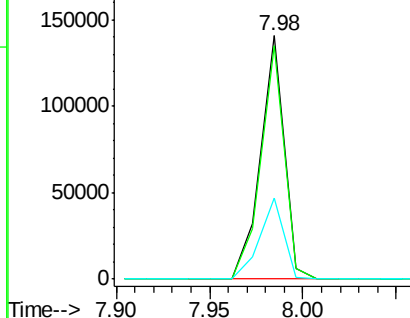


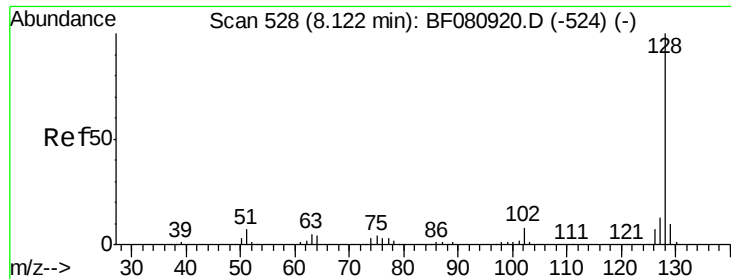
#30
 1,2,4-Trichlorobenzene
 Concen: 42.12 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:180 Resp: 122797
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.4 116.0
 145 33.3 23.2 34.8



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: 42.18 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

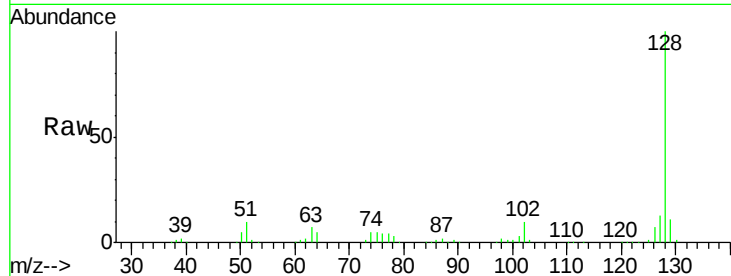
Tot Ion:128 Resp: 440107

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

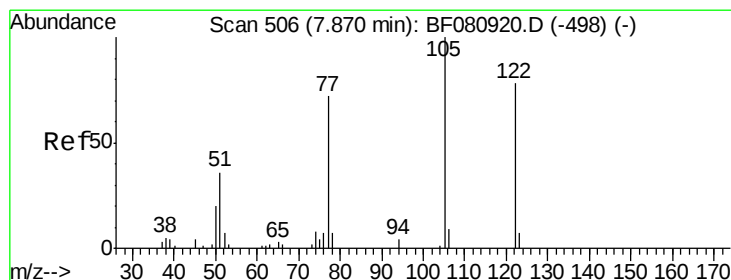
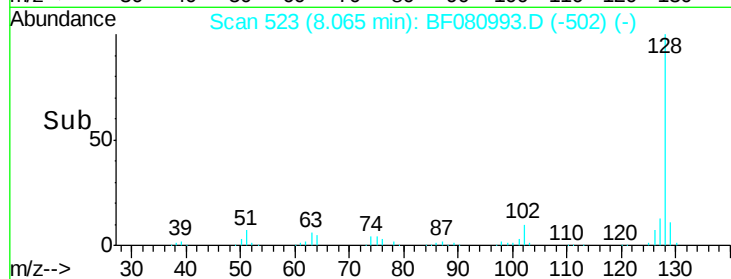
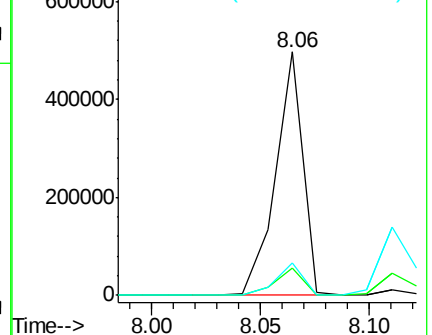
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.81 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

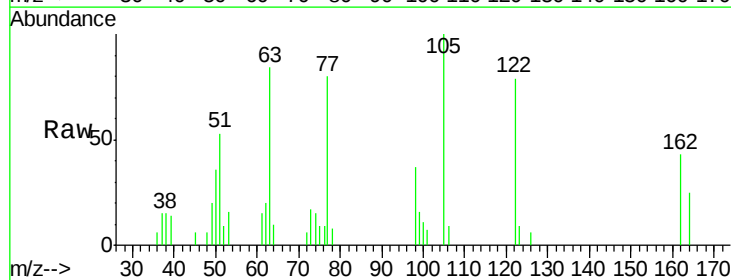
Tgt Ion:122 Resp: 9341

Ion Ratio Lower Upper

122 100

105 125.9 103.6 143.6

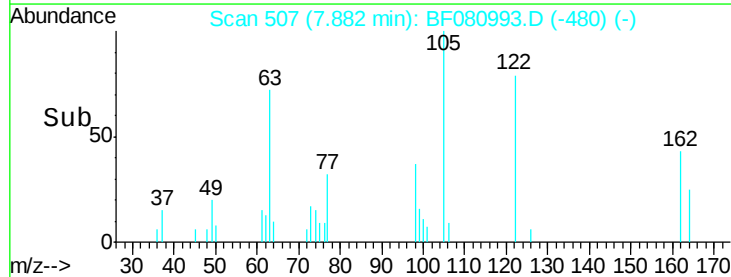
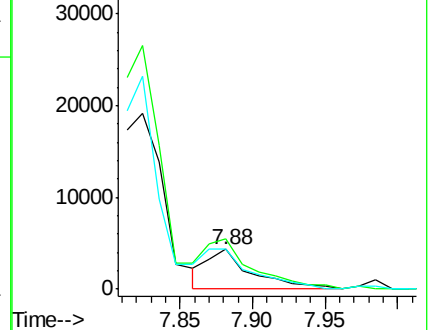
77 101.1 70.4 110.4

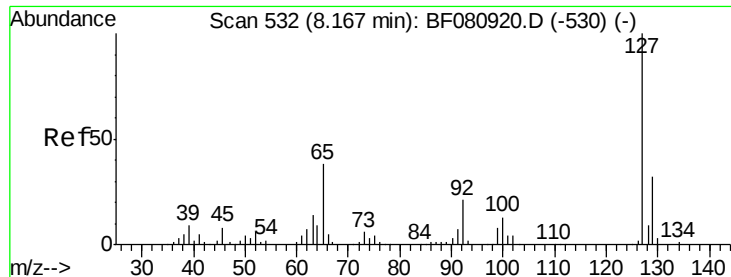


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

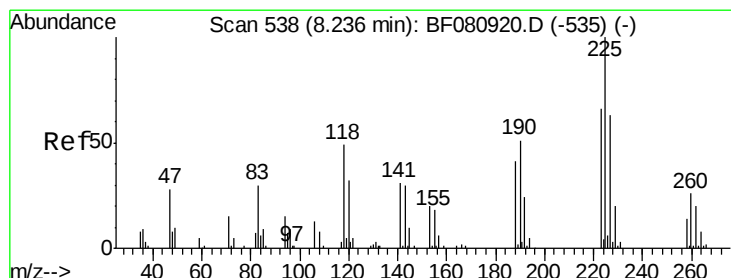
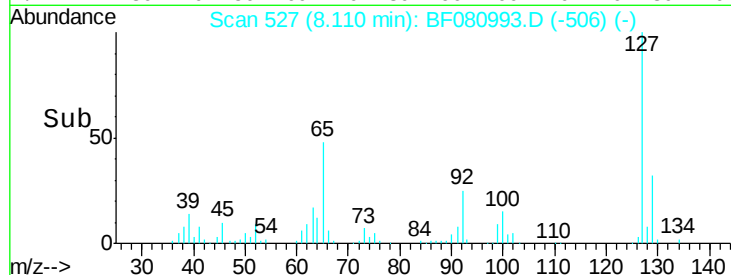
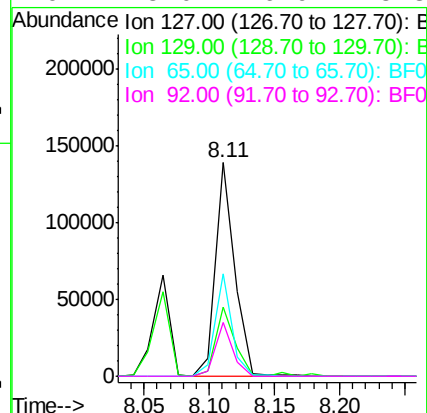
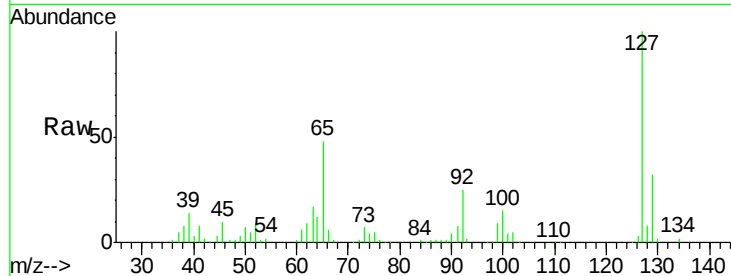




#33
4-Chloroaniline
Concen: 33.73 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

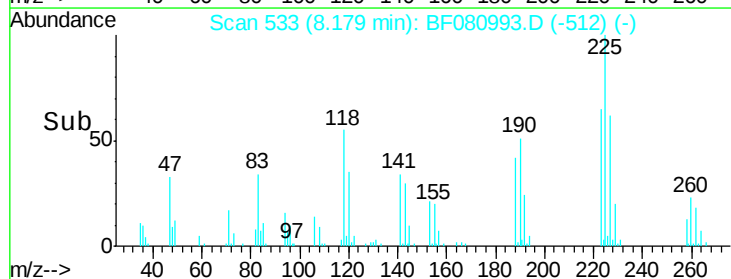
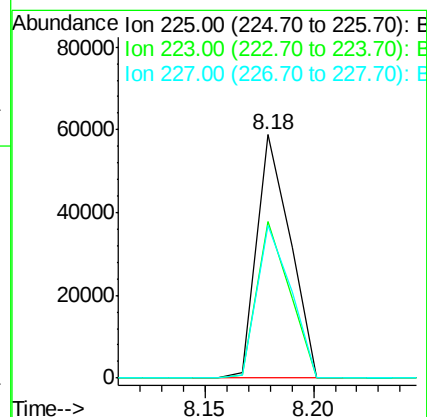
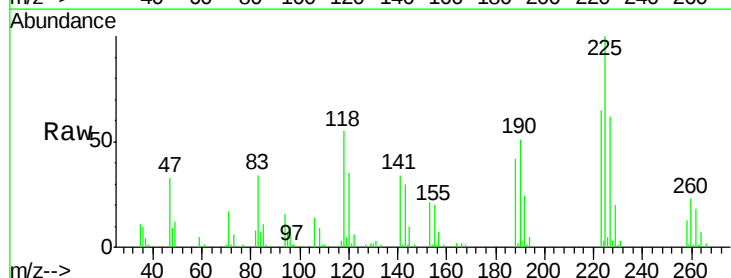
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	143041
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	47.9	30.6	45.8
92	25.0	16.9	25.3



#34
Hexachlorobutadiene
Concen: 36.34 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:	225	Resp:	63042
Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.5	78.7
227	62.5	50.3	75.5





#35

Caprolactam

Concen: 30.41 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

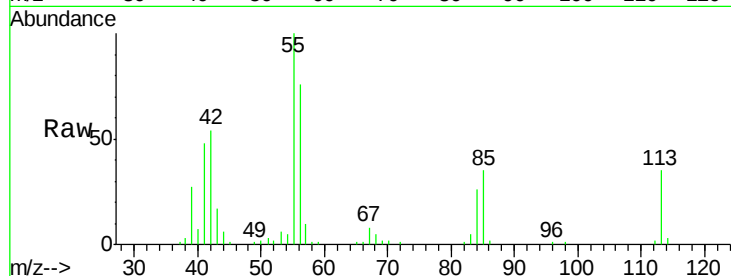
Tot Ion:113 Resp: 29181

Ion Ratio Lower Upper

113 100

55 288.9 196.4 236.4#

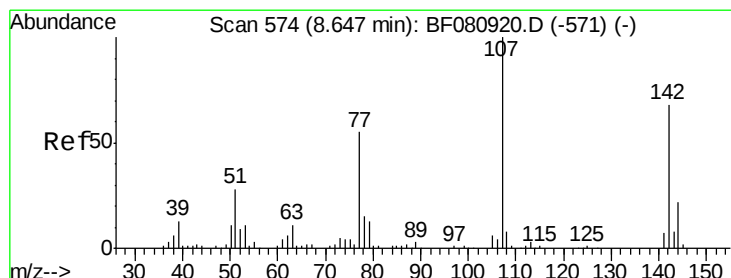
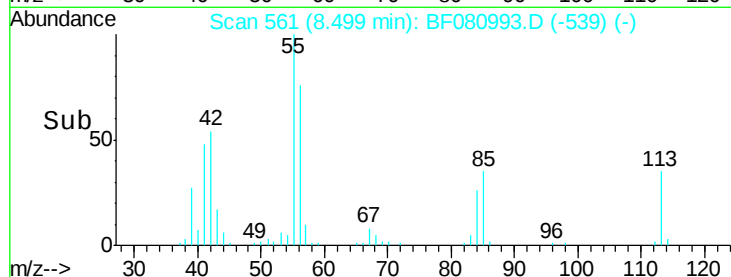
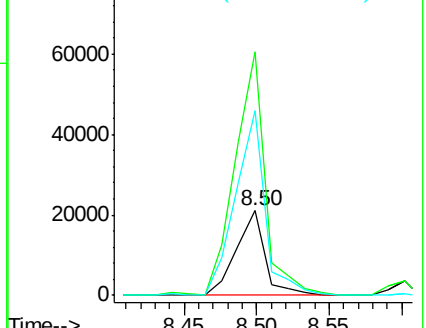
56 219.8 137.9 177.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.51 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

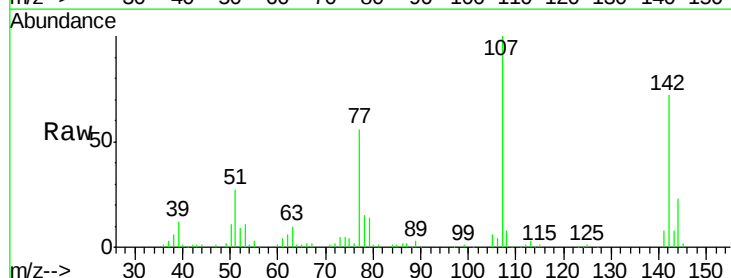
Tgt Ion:107 Resp: 122101

Ion Ratio Lower Upper

107 100

144 22.8 17.3 25.9

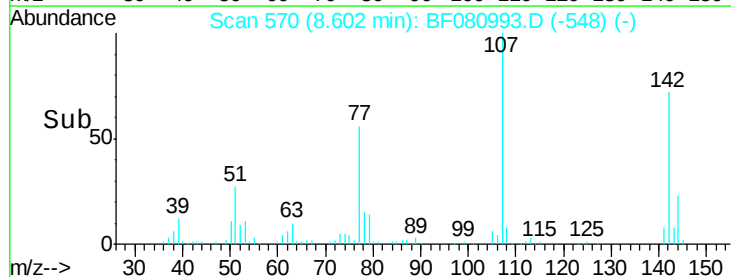
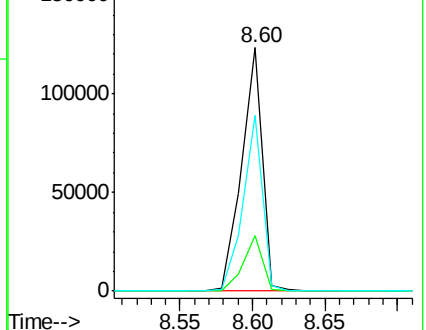
142 72.0 54.4 81.6

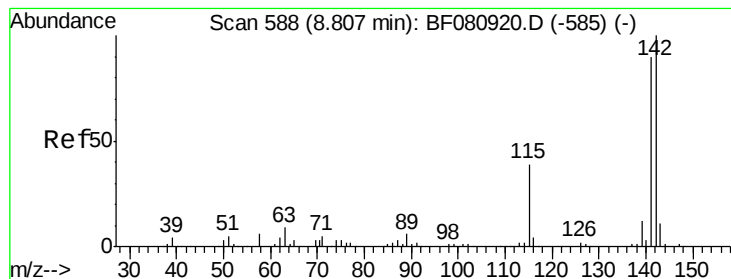


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.17 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

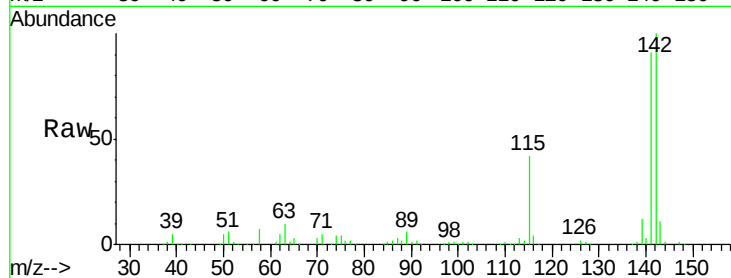
Tot Ion:142 Resp: 220328

Ion Ratio Lower Upper

142 100

141 90.6 71.7 107.5

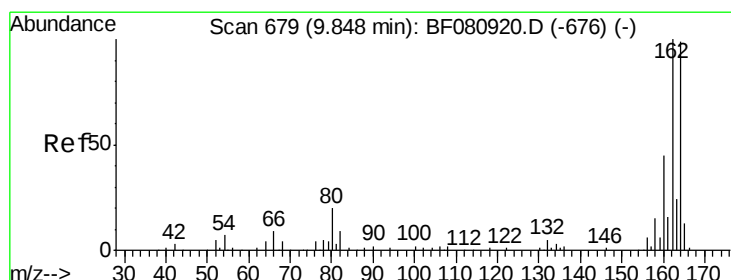
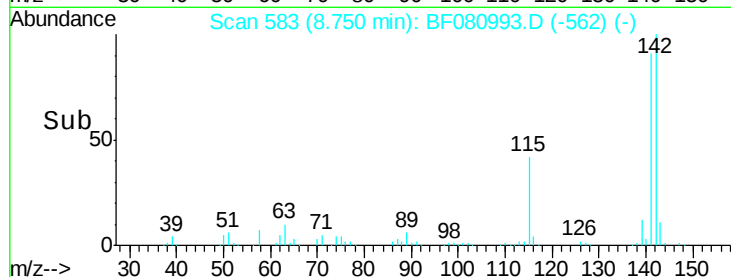
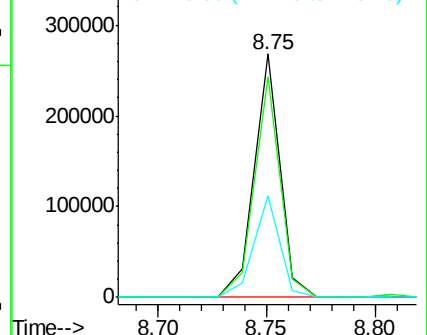
115 41.8 30.9 46.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

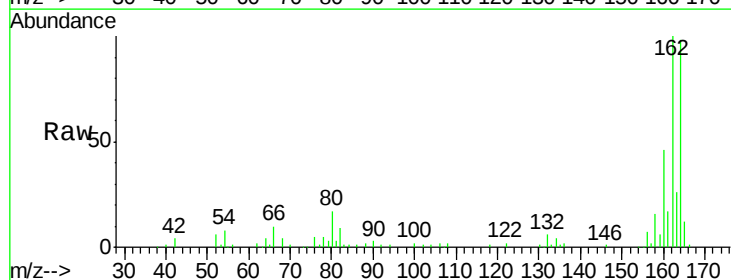
Tgt Ion:164 Resp: 78550

Ion Ratio Lower Upper

164 100

162 102.1 80.5 120.7

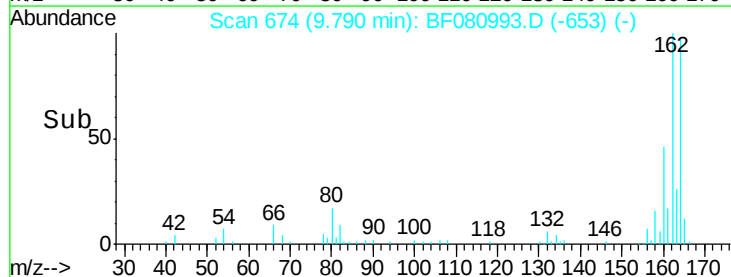
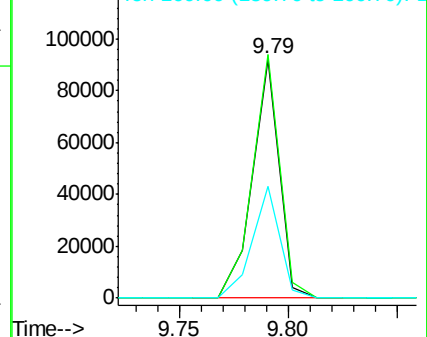
160 46.8 36.6 54.8

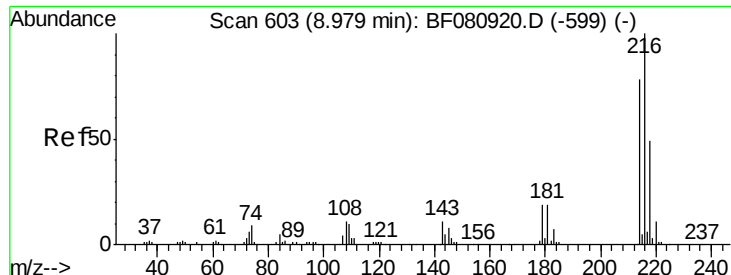


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

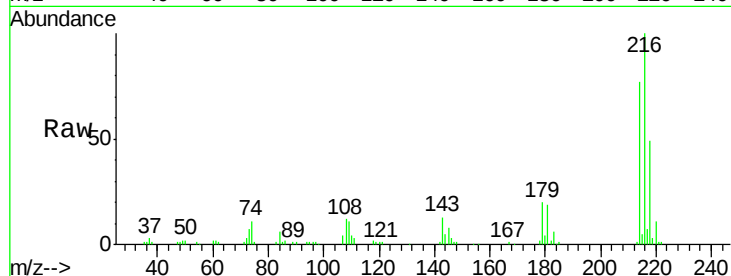




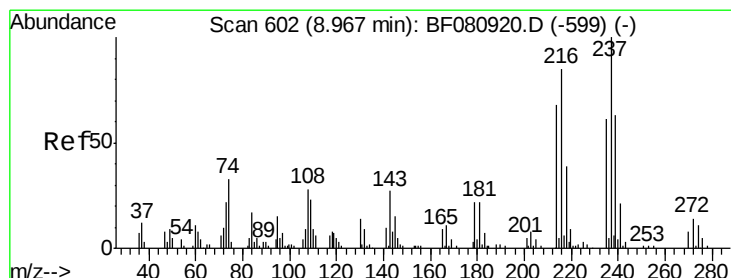
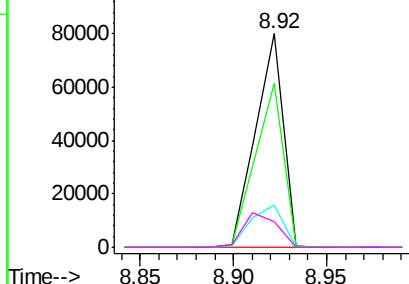
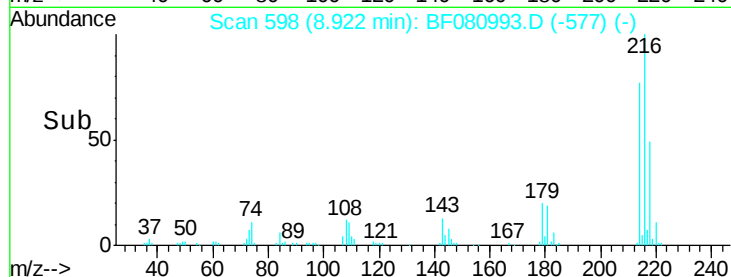
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.82 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tot Ion:216	Resp:	81893
Ion Ratio	Lower	Upper
216	100	
214	77.9	63.0 94.4
179	22.7	17.2 25.8
108	19.6	16.1 24.1

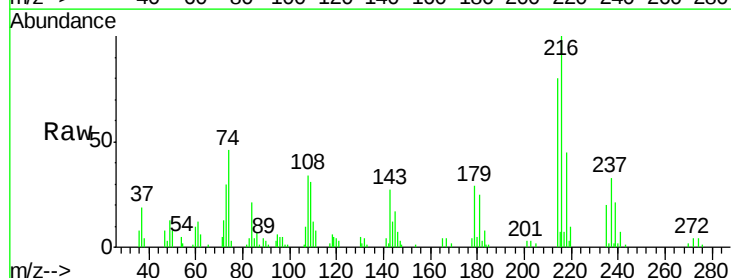


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

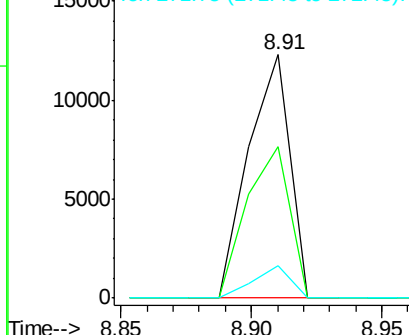
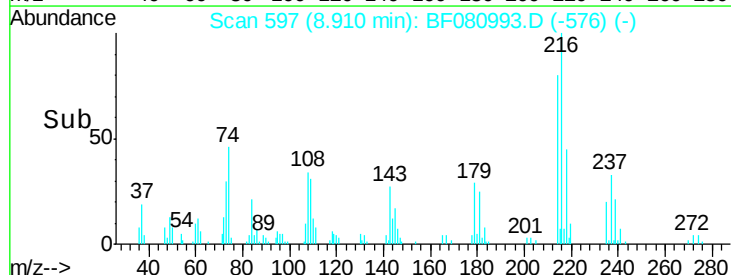


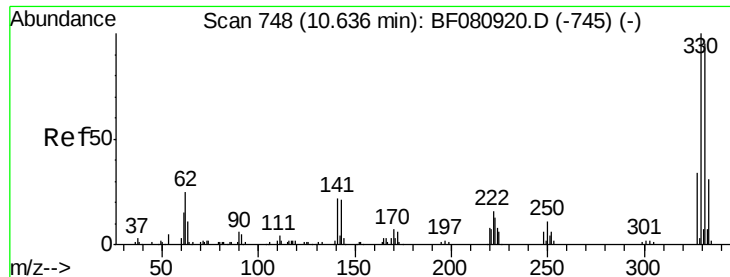
#40
 Hexachlorocyclopentadiene
 Concen: 10.34 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:237	Resp:	13669
Ion Ratio	Lower	Upper
237	100	
235	62.0	41.3 81.3
272	13.1	0.0 33.6



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

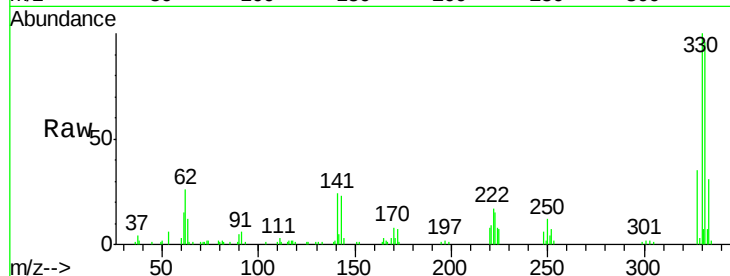




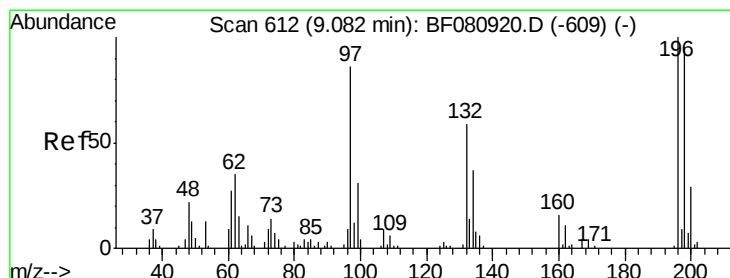
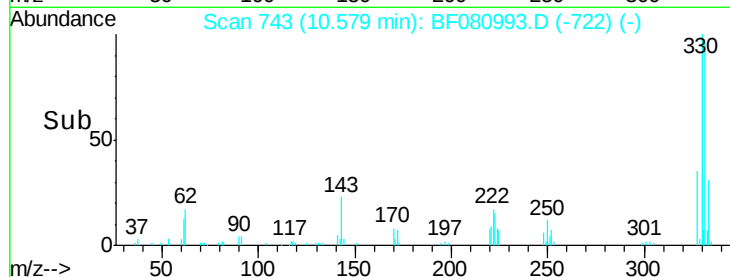
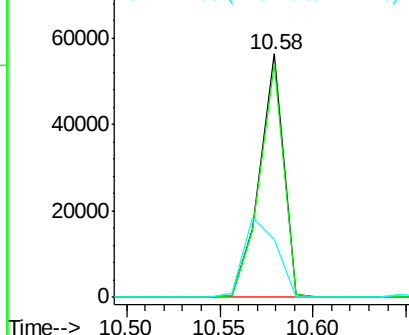
#41
 2,4,6-Tribromophenol
 Concen: 58.19 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 50215
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 45.0 27.8 41.8#

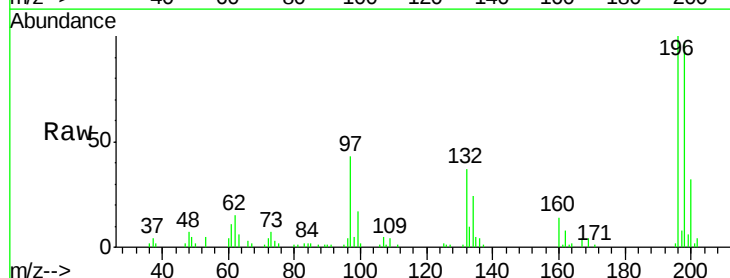


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

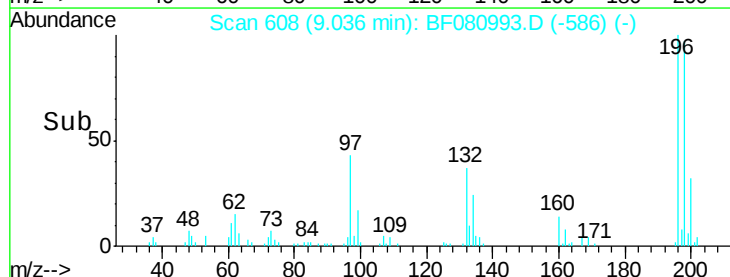
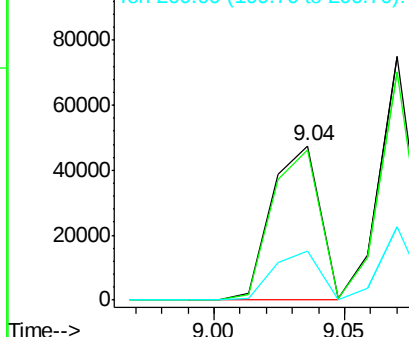


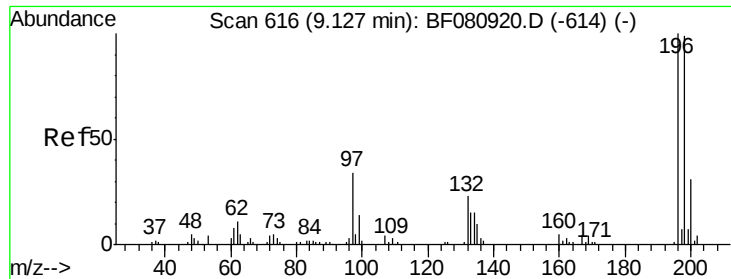
#42
 2,4,6-Trichlorophenol
 Concen: 34.41 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:196 Resp: 61068
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.9 113.9
 200 31.6 23.1 34.7



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

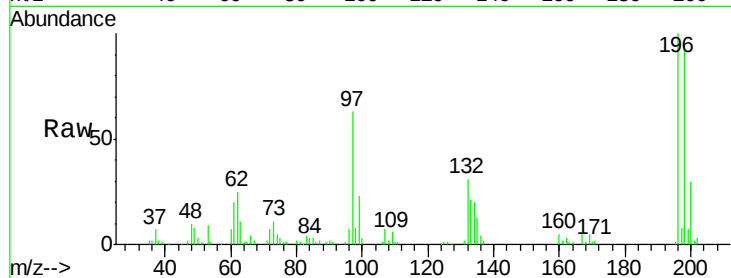




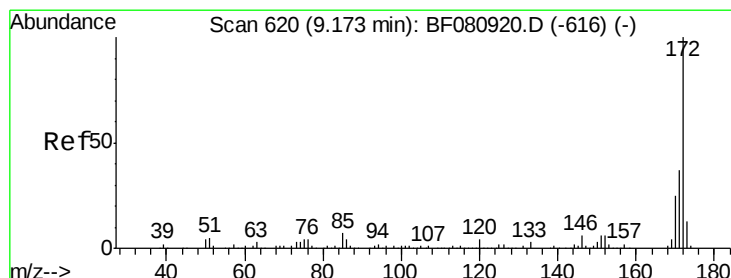
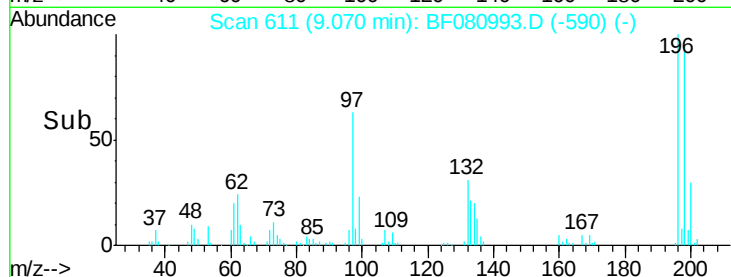
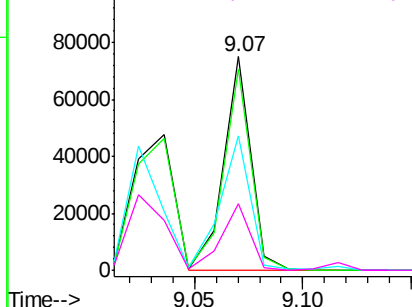
#43
 2,4,5-Trichlorophenol
 Concen: 36.11 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 64584
 Ion Ratio Lower Upper
 196 100
 198 93.9 78.9 118.3
 97 62.8 29.1 43.7#
 132 31.3 19.1 28.7#

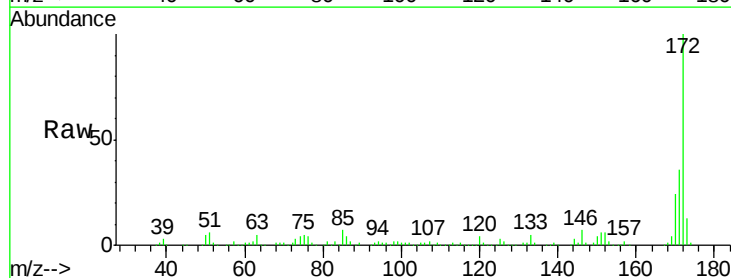


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

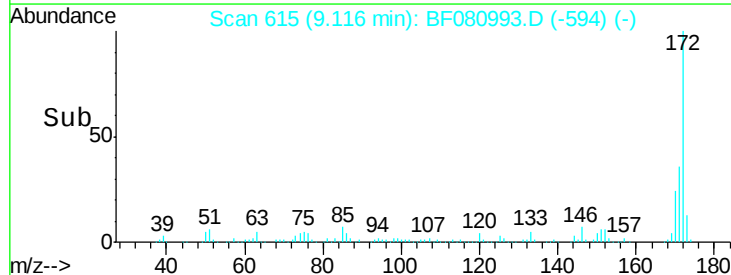
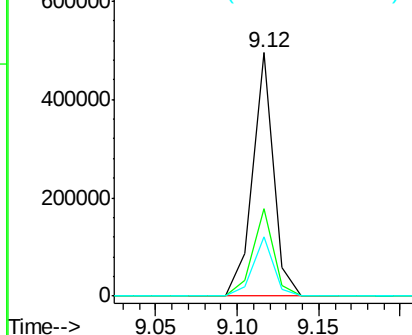


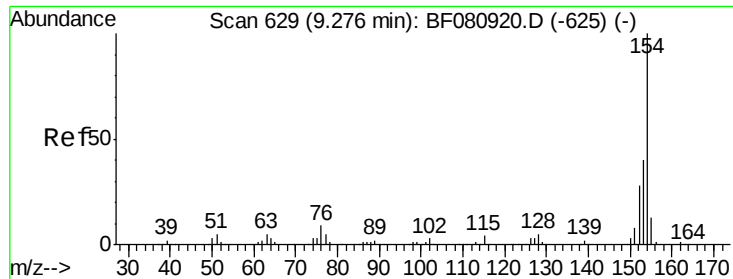
#44
 2-Fluorobiphenyl
 Concen: 79.07 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:172 Resp: 441186
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.23 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

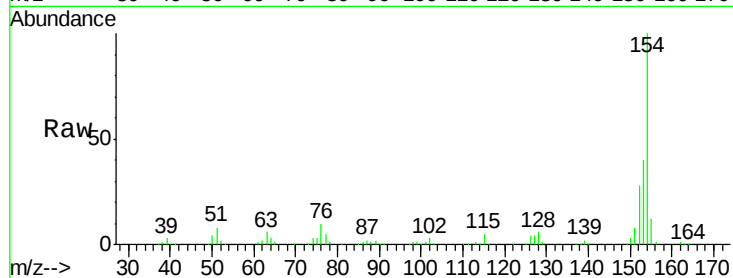
Tot Ion:154 Resp: 244252

Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

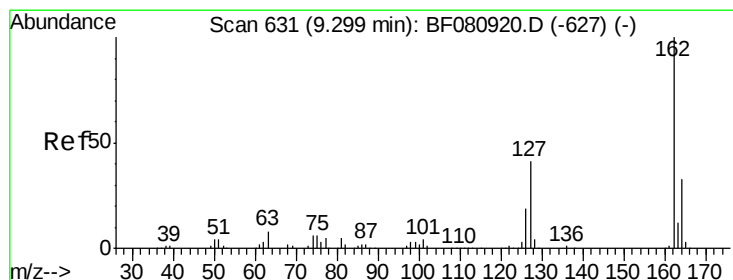
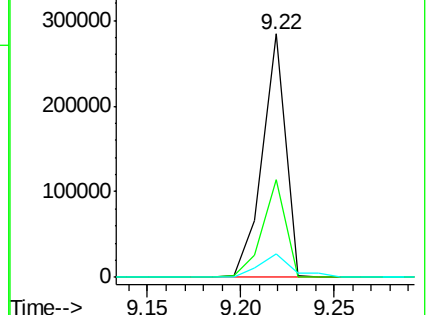
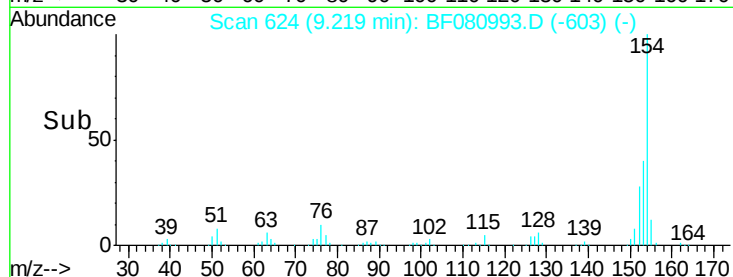
76 9.7 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.01 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

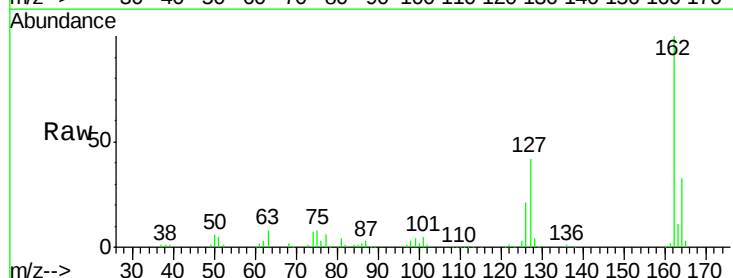
Tgt Ion:162 Resp: 173523

Ion Ratio Lower Upper

162 100

127 41.6 32.5 48.7

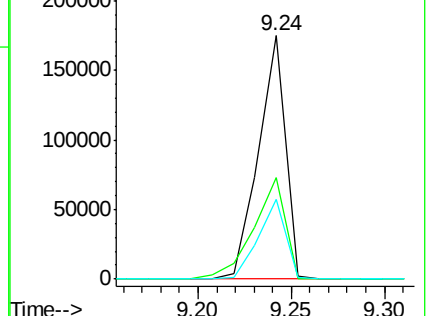
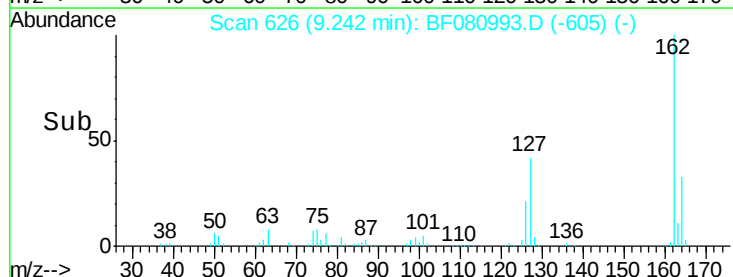
164 32.5 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

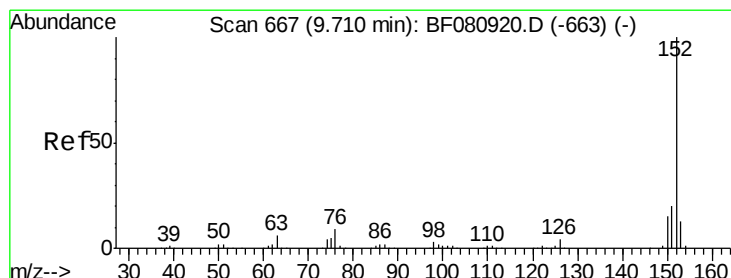
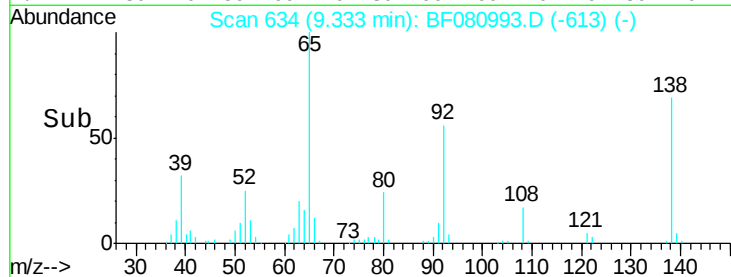
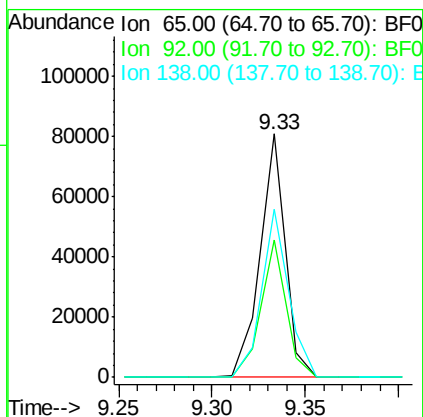
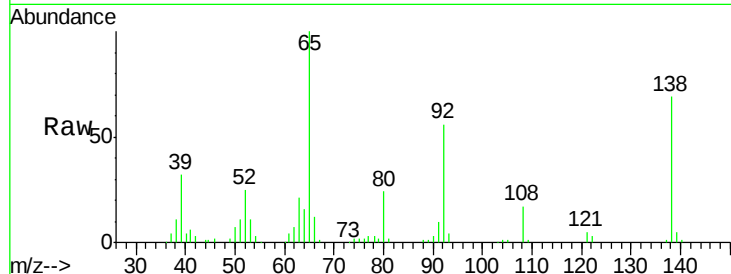




#47
2-Nitroaniline
Concen: 35.48 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

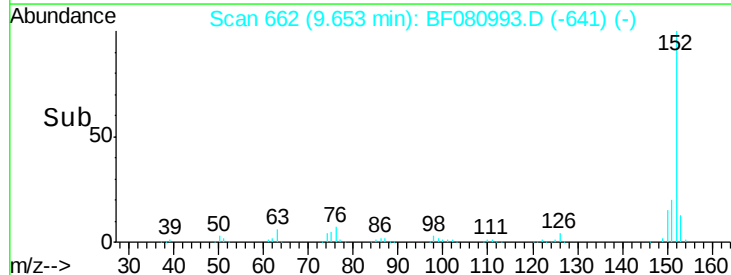
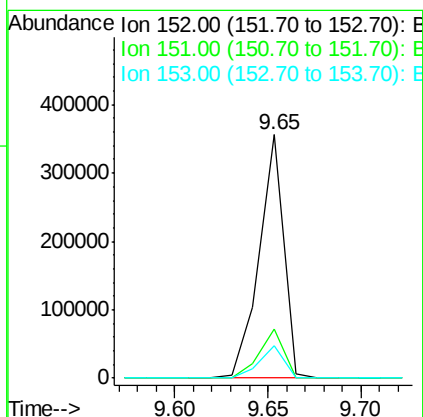
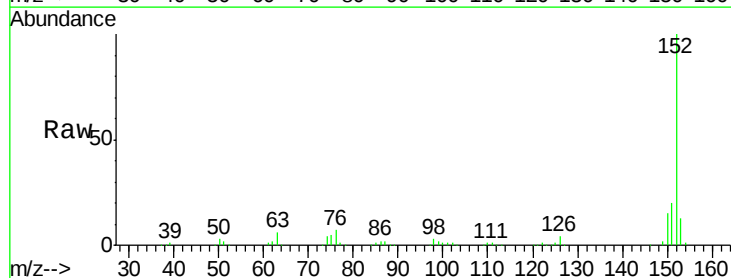
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 65 Resp: 74771
Ion Ratio Lower Upper
65 100
92 56.3 48.0 72.0
138 69.1 66.1 99.1



#48
Acenaphthylene
Concen: 35.19 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion: 152 Resp: 321529
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.1 10.5 15.7

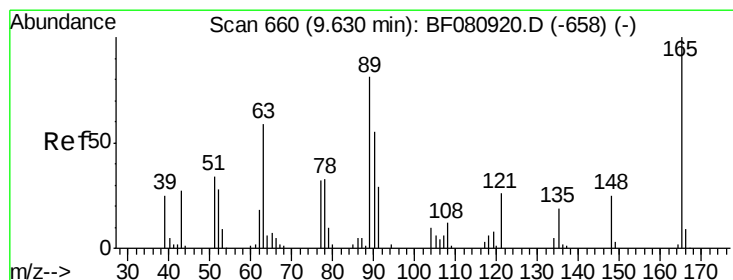
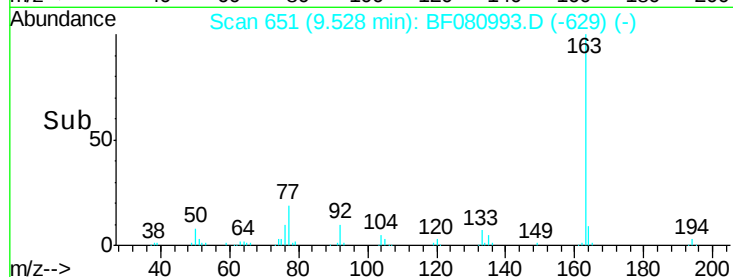
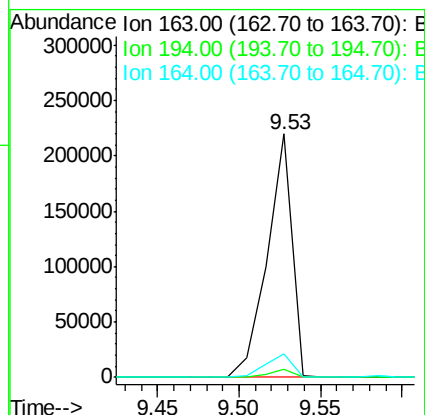
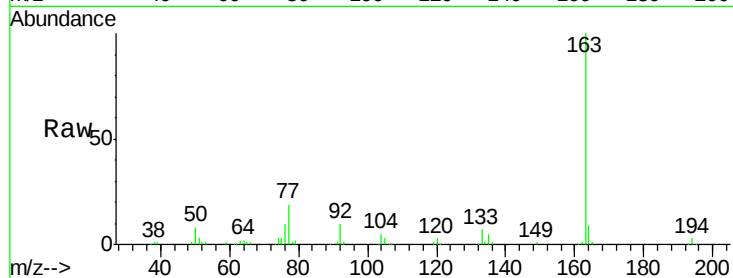




#49
Dimethylphthalate
Concen: 35.70 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

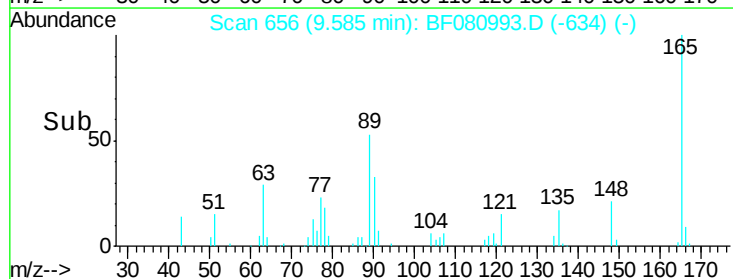
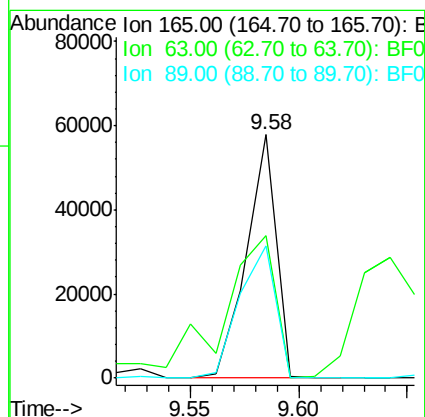
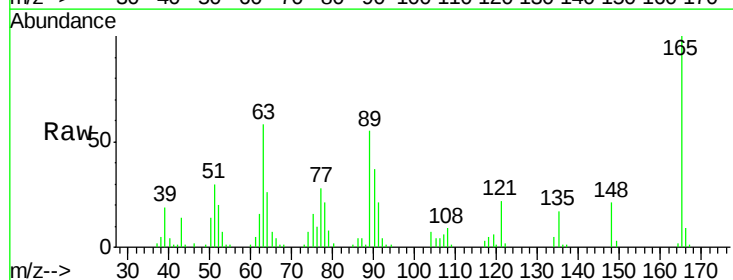
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

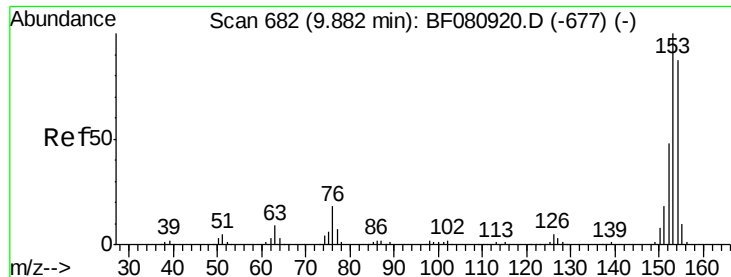
Tot Ion:163 Resp: 232936
Ion Ratio Lower Upper
163 100
194 3.4 2.4 3.6
164 9.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 40.76 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:165 Resp: 54940
Ion Ratio Lower Upper
165 100
63 58.4 77.6 116.4#
89 54.5 64.5 96.7#





#51

Acenaphthene

Concen: 40.17 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

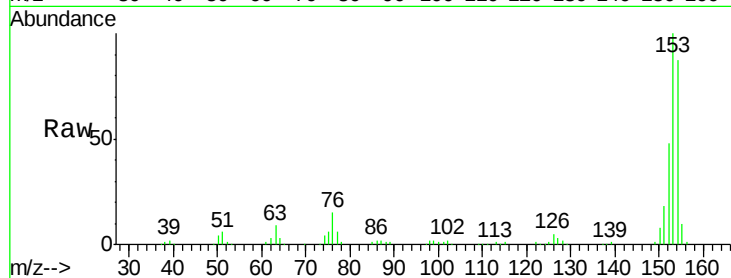
Tot Ion:154 Resp: 224771

Ion Ratio Lower Upper

154 100

153 115.4 91.4 137.2

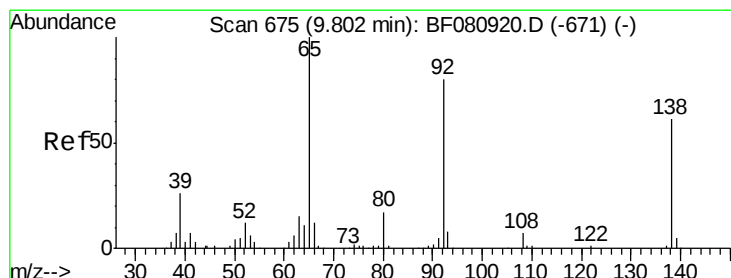
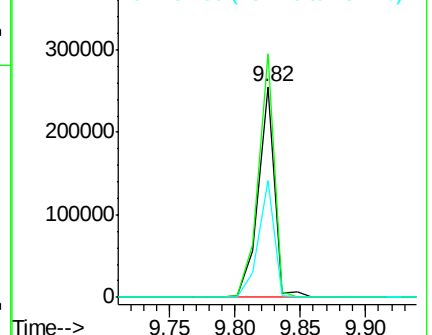
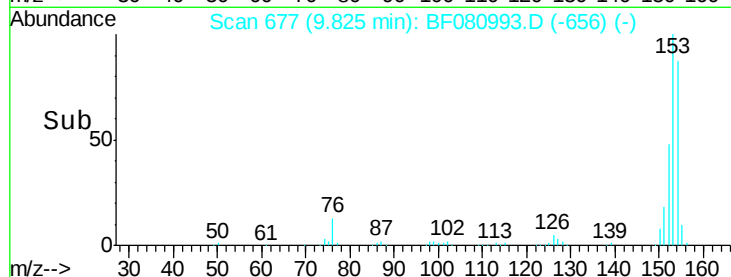
152 55.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.64 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

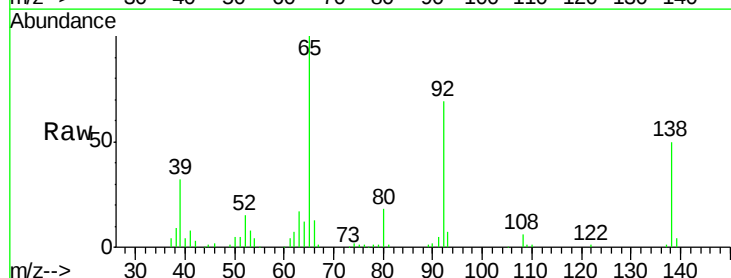
Tgt Ion:138 Resp: 42603

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

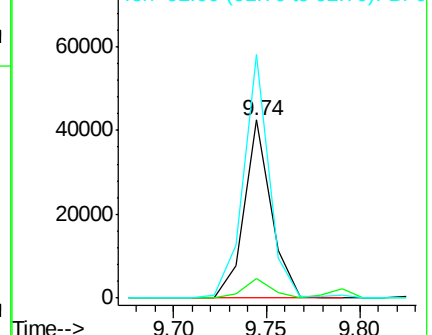
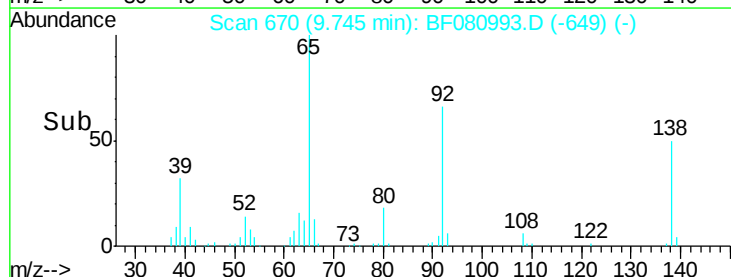
92 136.7 104.4 156.6

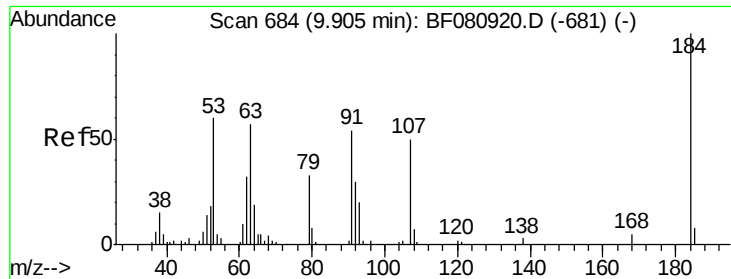


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

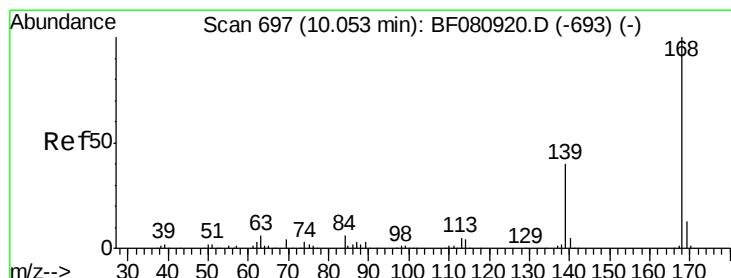
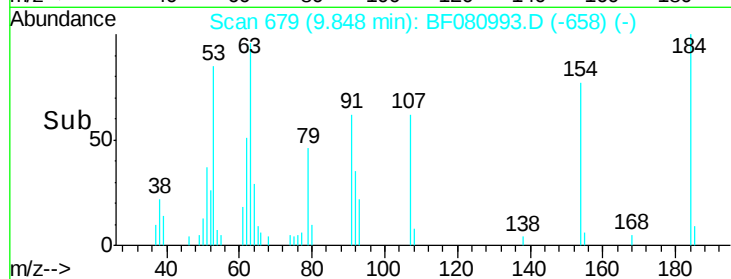
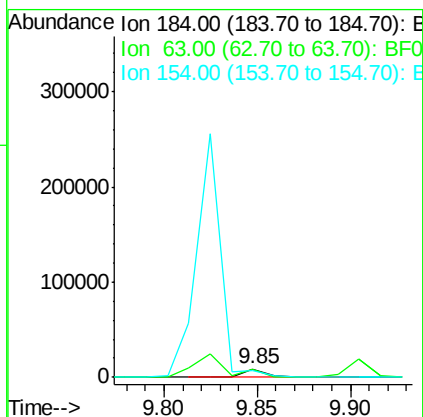
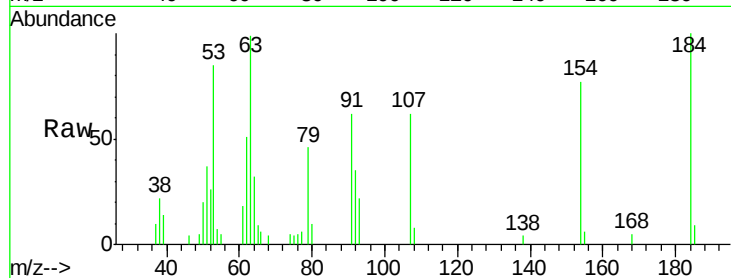




#53
 2,4-Dinitrophenol
 Concen: 14.97 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

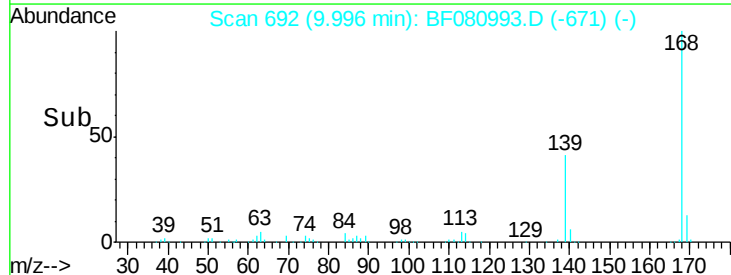
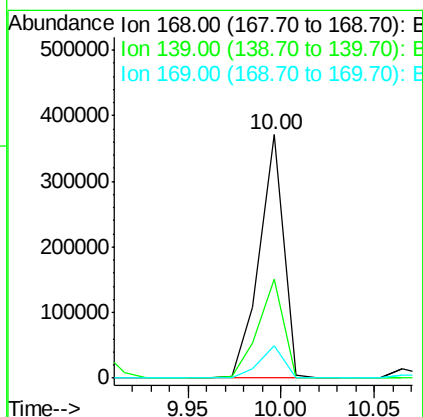
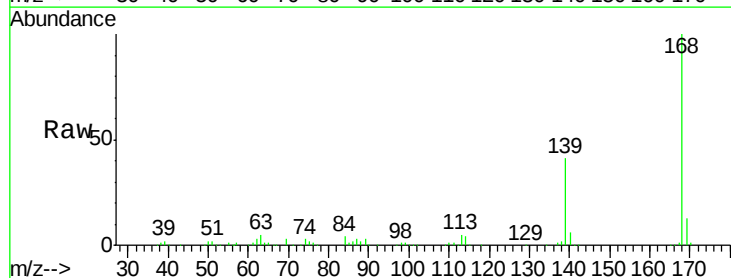
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

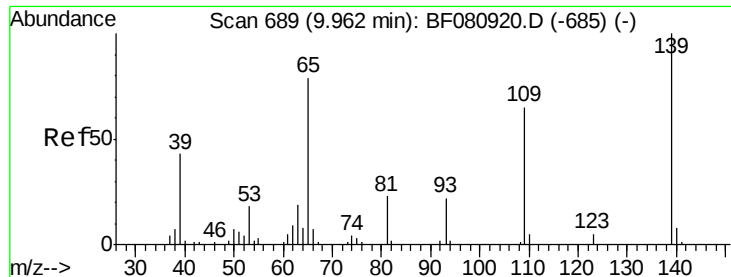
Tot Ion:184 Resp: 7836
 Ion Ratio Lower Upper
 184 100
 63 99.4 59.7 89.5#
 154 76.7 53.8 80.8



#54
 Dibenzofuran
 Concen: 44.16 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:168 Resp: 334135
 Ion Ratio Lower Upper
 168 100
 139 40.9 31.9 47.9
 169 13.1 10.6 15.8

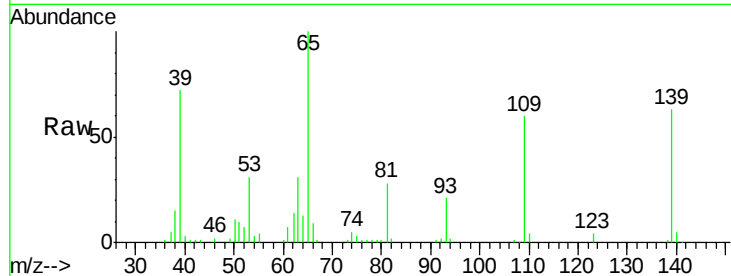




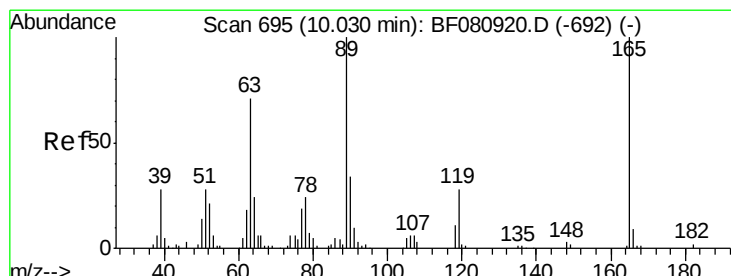
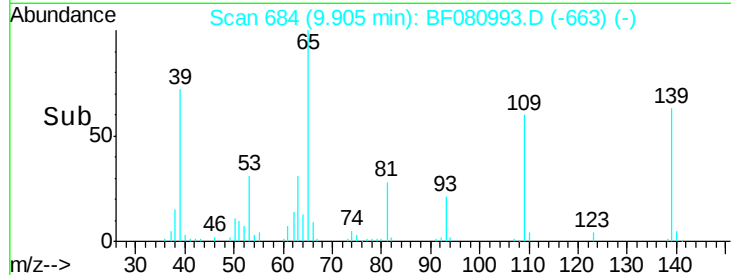
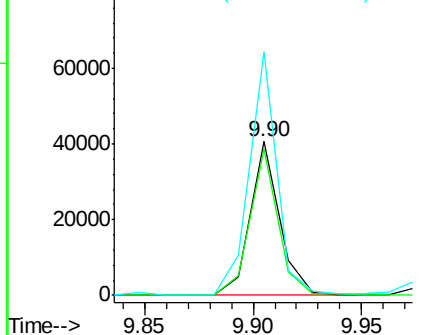
#55
4-Nitrophenol
Concen: 30.52 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 37966
Ion Ratio Lower Upper
139 100
109 95.4 44.7 84.7#
65 158.5 59.5 99.5#



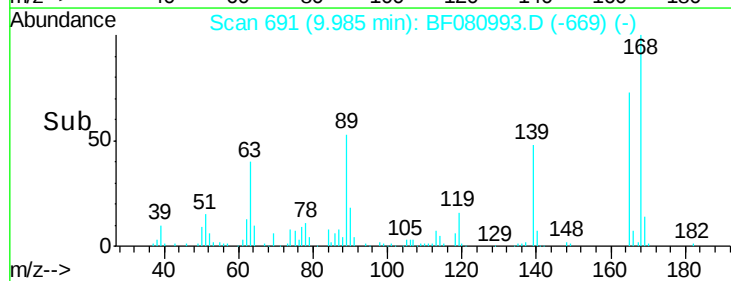
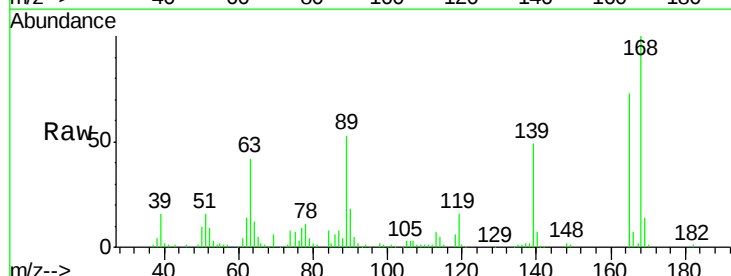
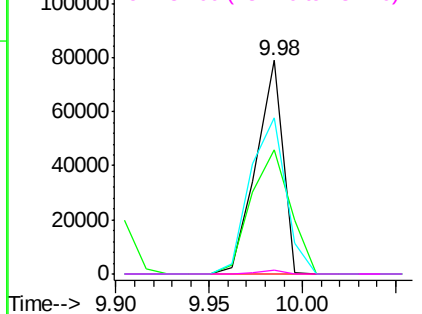
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

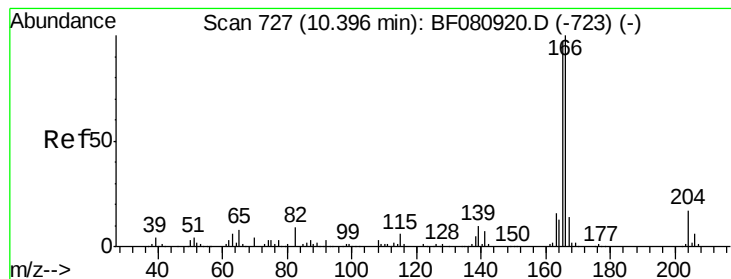


#56
2,4-Dinitrotoluene
Concen: 44.18 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:165 Resp: 79687
Ion Ratio Lower Upper
165 100
63 58.2 56.7 85.1
89 73.1 80.4 120.6#
182 2.0 1.5 2.3

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.11 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

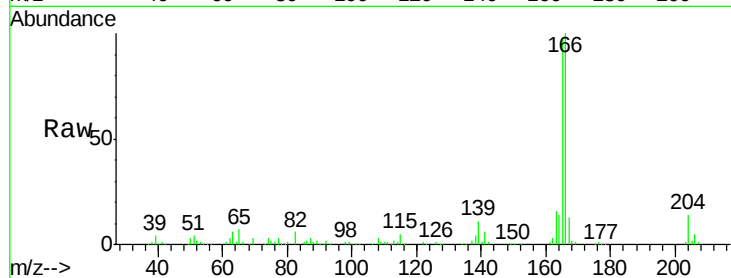
Tot Ion:166 Resp: 205536

Ion Ratio Lower Upper

166 100

165 96.7 77.2 115.8

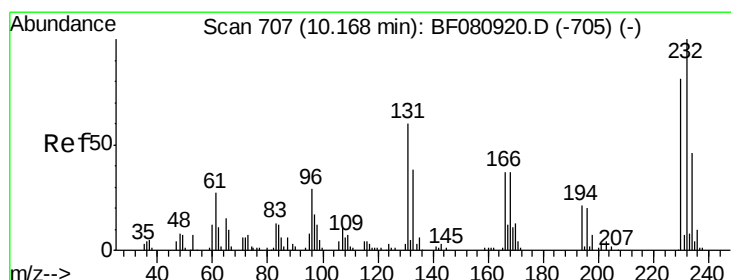
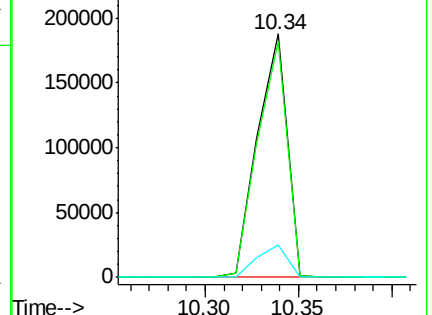
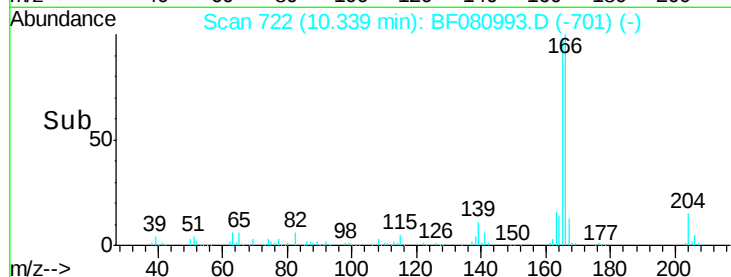
167 13.2 10.8 16.2



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: 36.01 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.09 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Tgt Ion:232 Resp: 50967

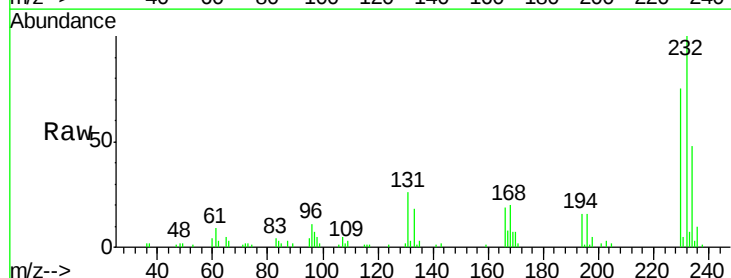
Ion Ratio Lower Upper

232 100

131 50.9 39.4 59.2

130 2.7 2.1 3.1

166 27.9 21.7 32.5

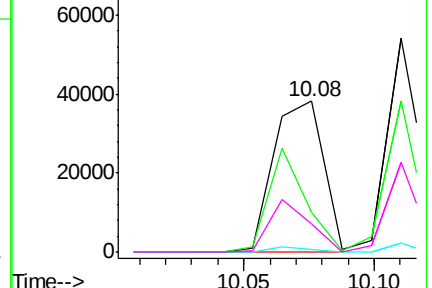
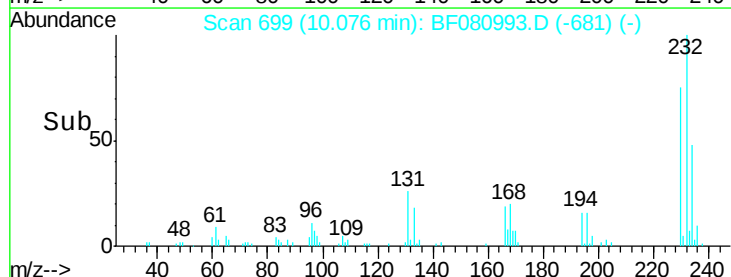


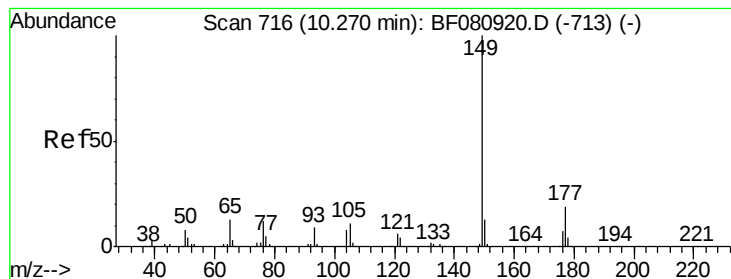
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.02 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

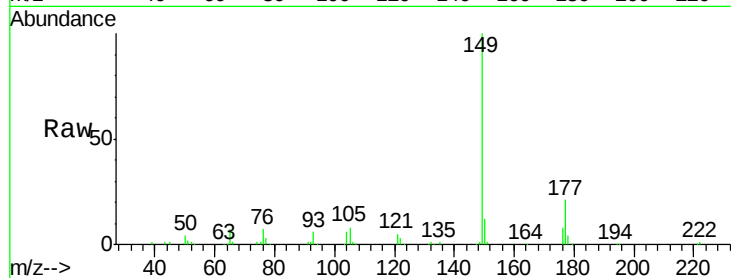
Tot Ion:149 Resp: 224299

Ion Ratio Lower Upper

149 100

177 21.2 15.0 22.4

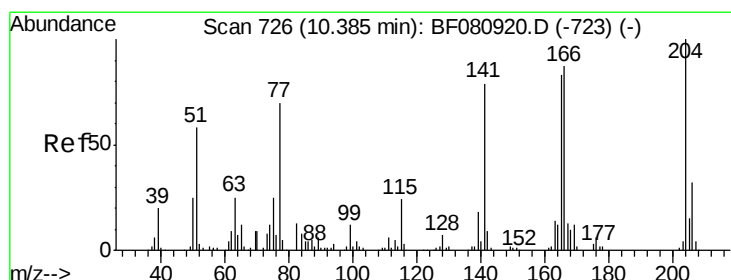
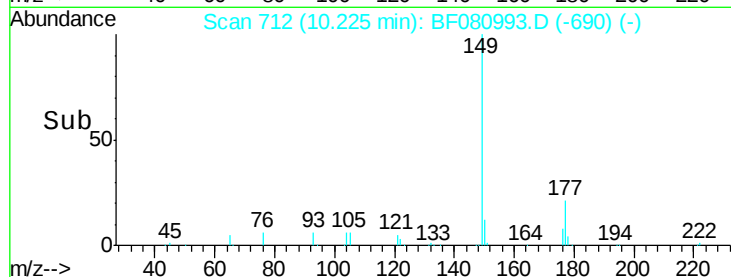
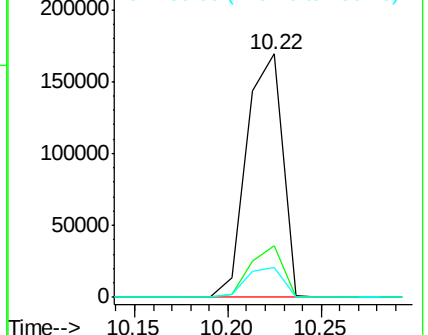
150 12.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.06 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

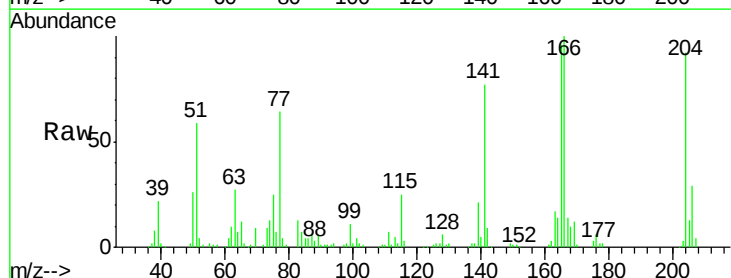
Tgt Ion:204 Resp: 88599

Ion Ratio Lower Upper

204 100

206 31.2 25.5 38.3

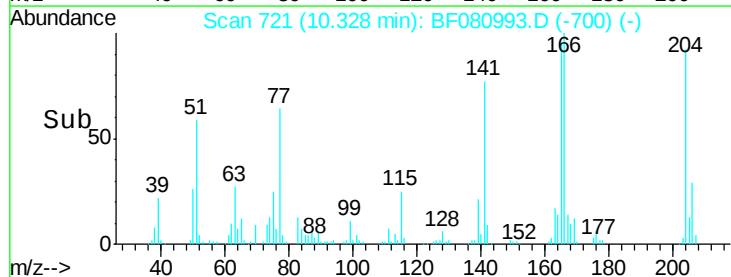
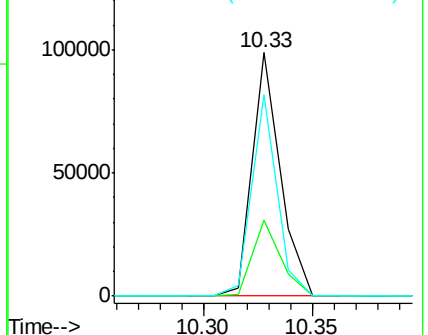
141 82.9 63.4 95.0

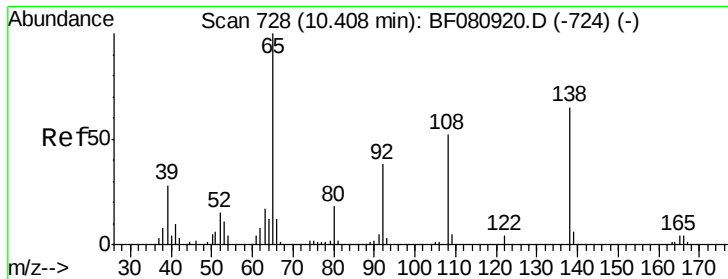


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

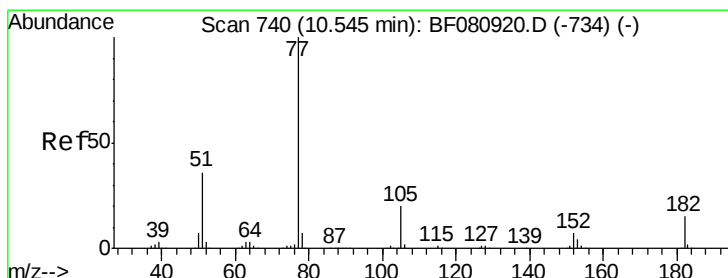
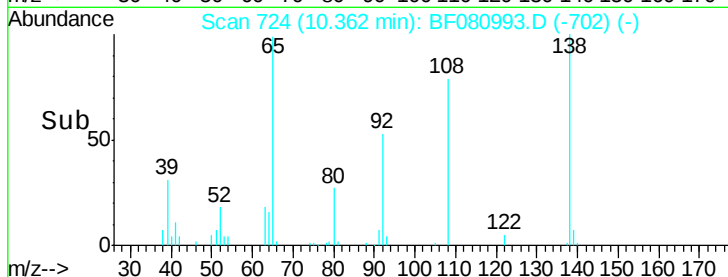
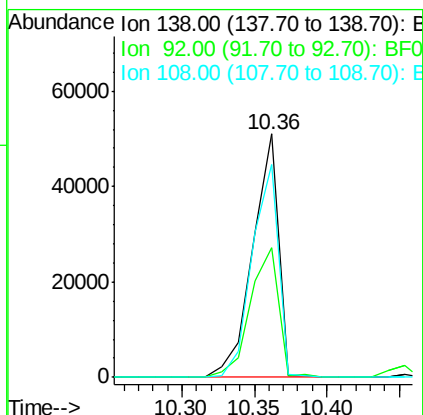
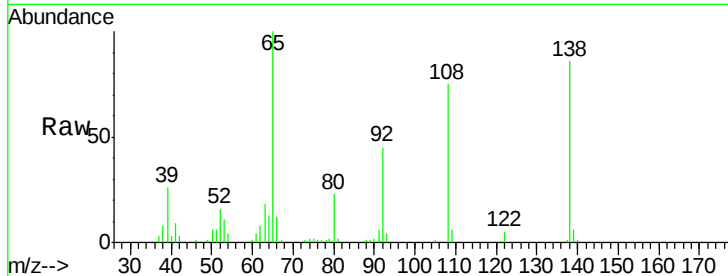




#61
4-Nitroaniline
Concen: 36.82 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.05 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

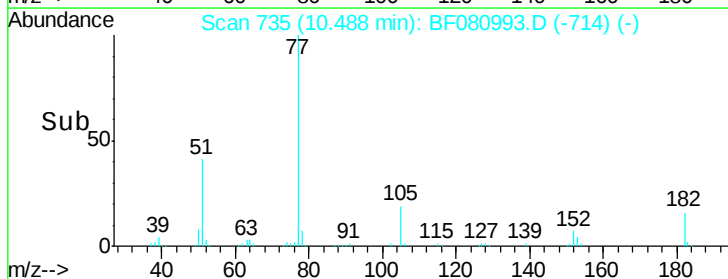
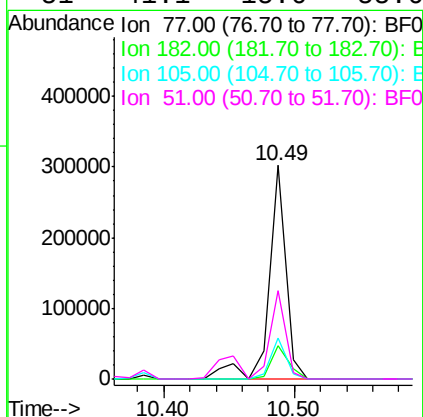
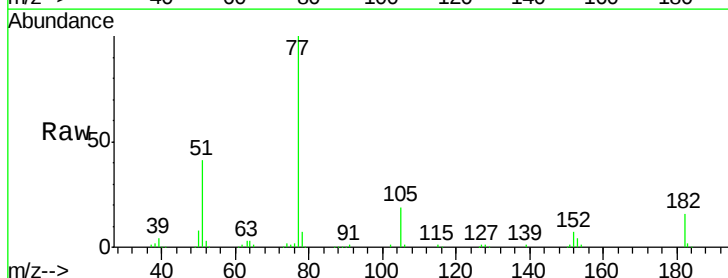
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

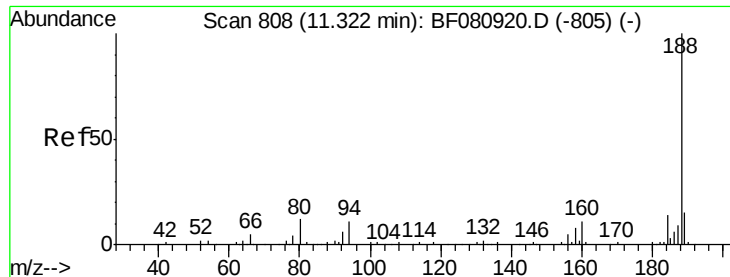
Tot Ion:138 Resp: 62966
Ion Ratio Lower Upper
138 100
92 53.0 38.1 78.1
108 87.2 59.9 99.9



#62
Azobenzene
Concen: 36.80 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion: 77 Resp: 279481
Ion Ratio Lower Upper
77 100
182 15.7 0.0 35.5
105 19.3 0.5 40.5
51 41.1 15.6 55.6

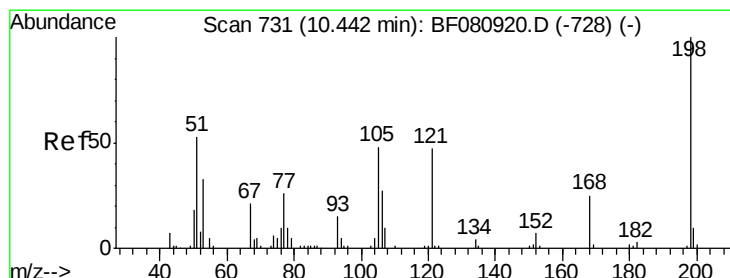
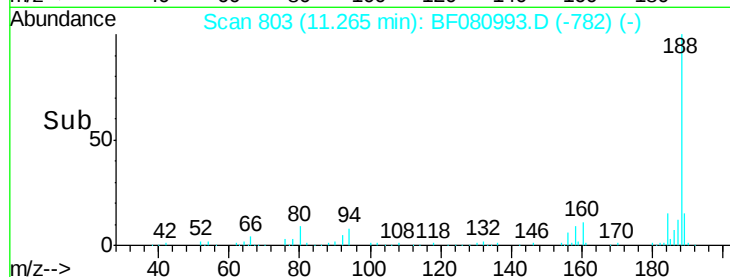
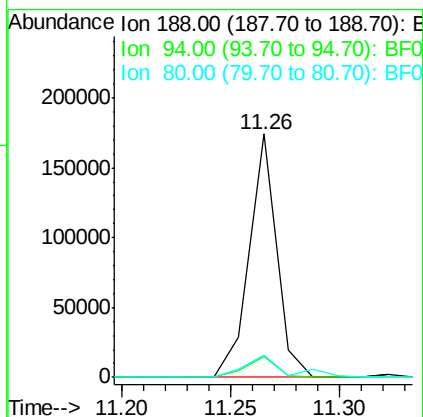
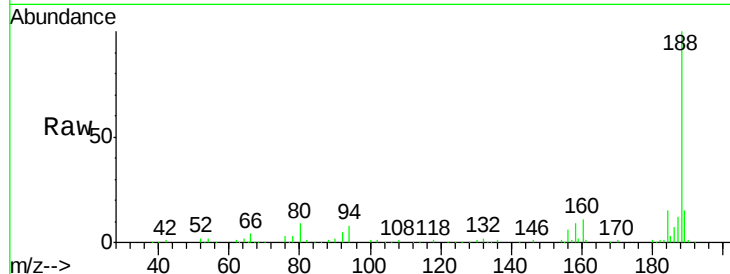




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

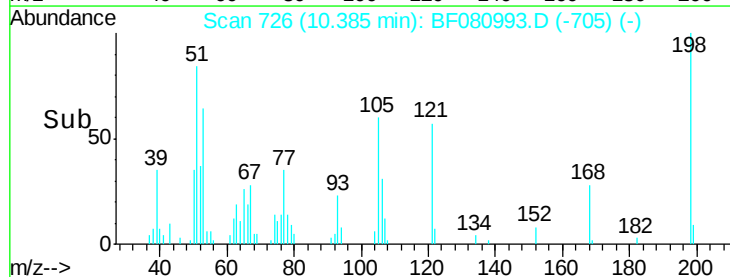
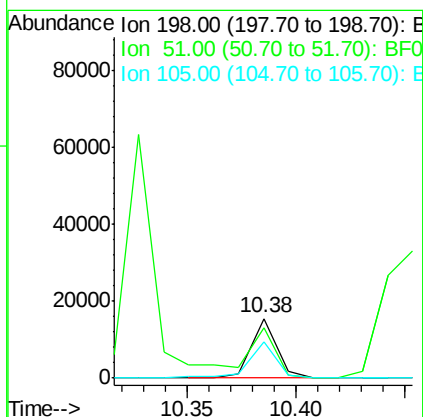
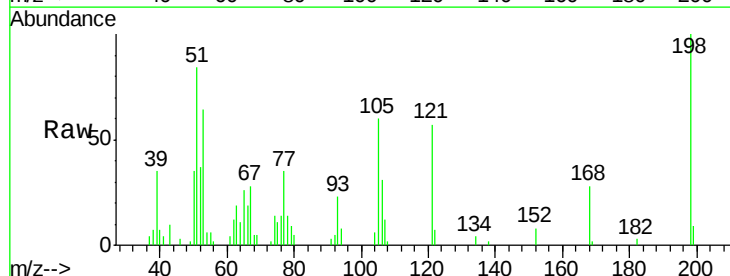
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

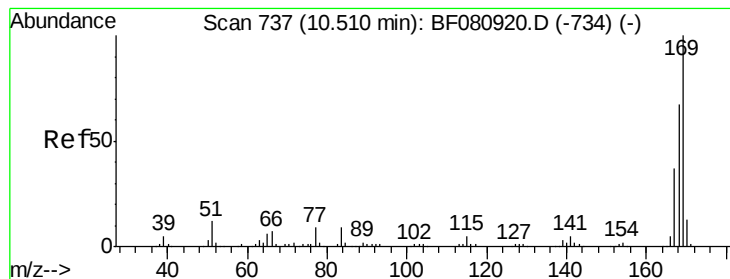
Tot Ion:188 Resp: 152667
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.8 13.2#
 80 9.1 9.5 14.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.21 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:198 Resp: 12498
 Ion Ratio Lower Upper
 198 100
 51 84.4 40.3 80.3#
 105 60.0 29.6 69.6





#65

n-Nitrosodiphenylamine

Concen: 38.28 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

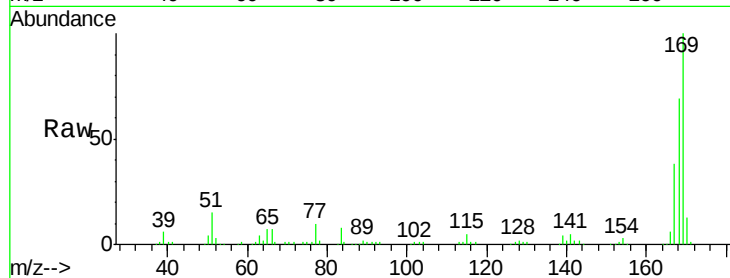
Tot Ion:169 Resp: 203055

Ion Ratio Lower Upper

169 100

168 68.6 53.7 80.5

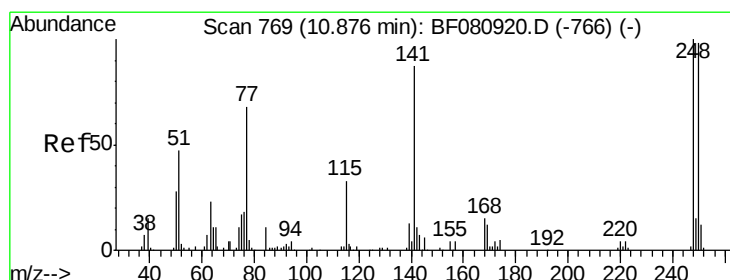
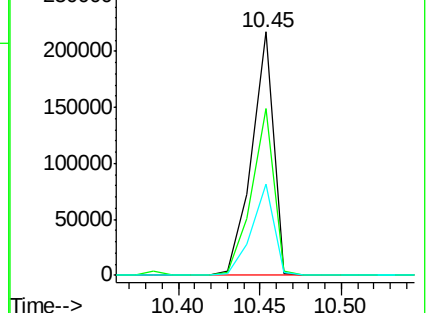
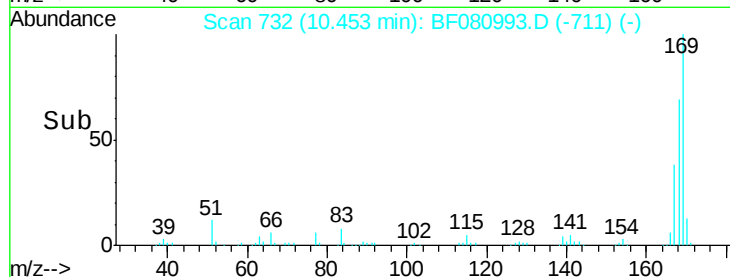
167 37.7 29.3 43.9



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: 44.00 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

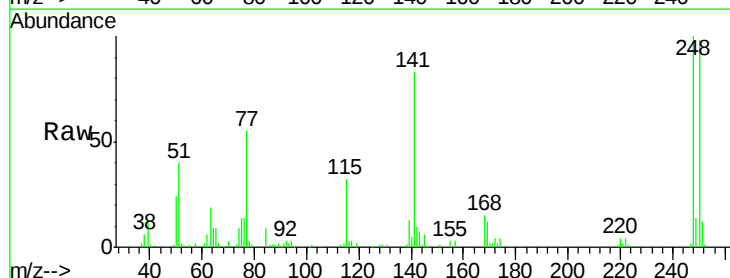
Tgt Ion:248 Resp: 71149

Ion Ratio Lower Upper

248 100

250 97.8 78.1 117.1

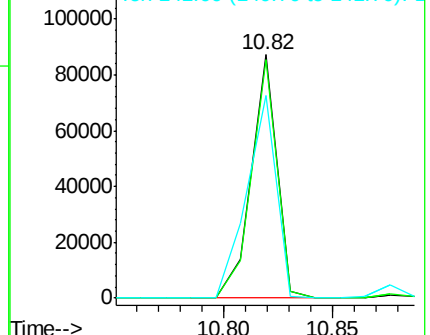
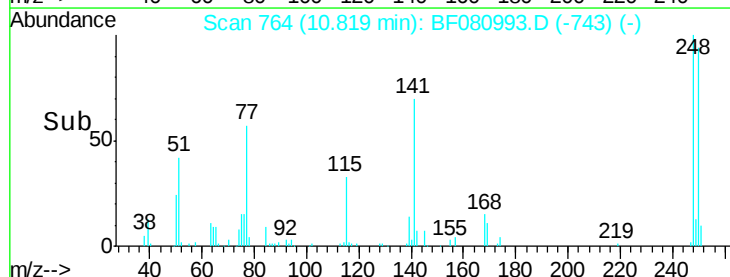
141 83.2 69.6 104.4

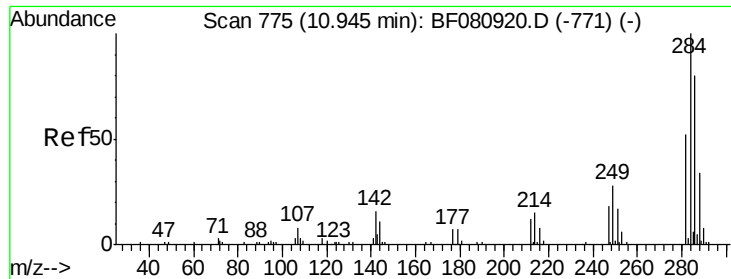


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

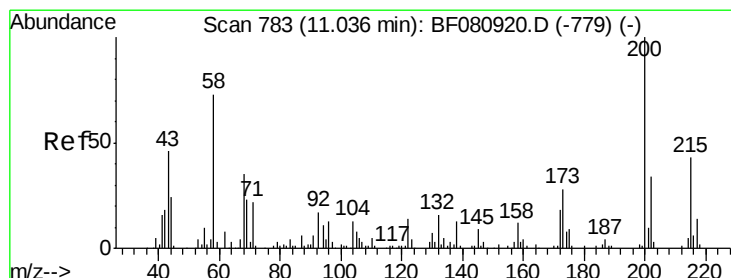
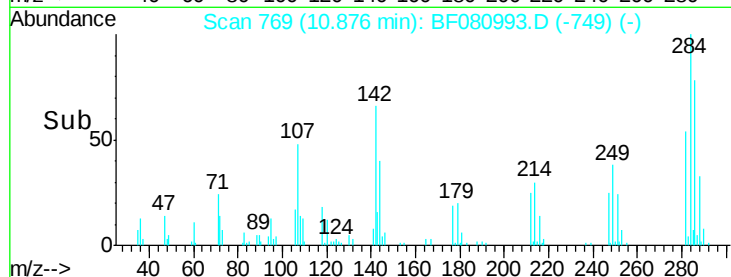
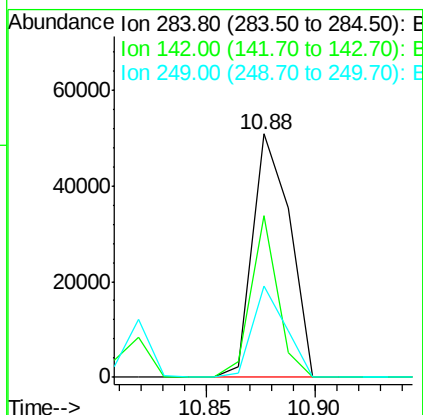
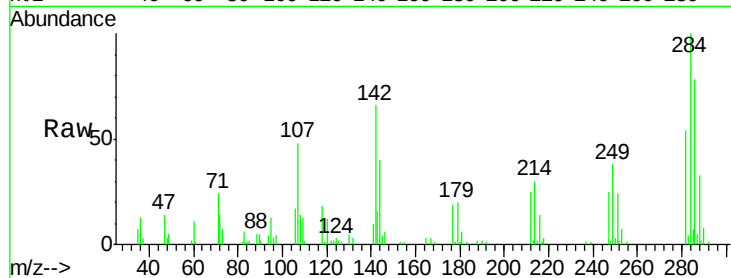




#67
Hexachlorobenzene
Concen: 33.74 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

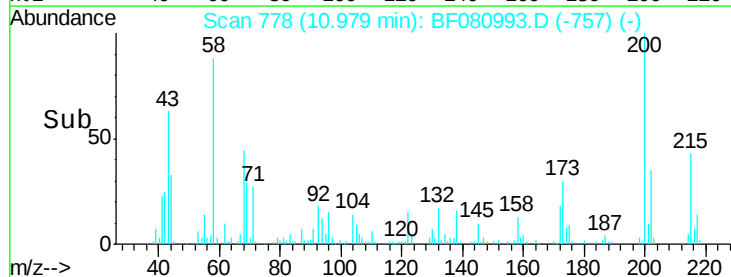
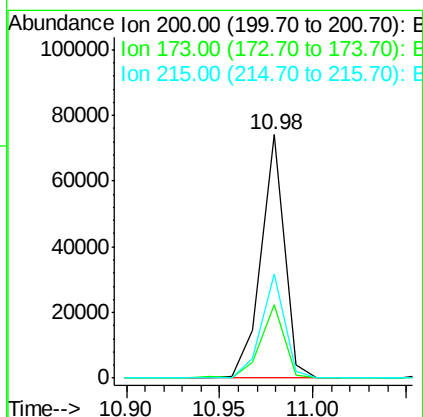
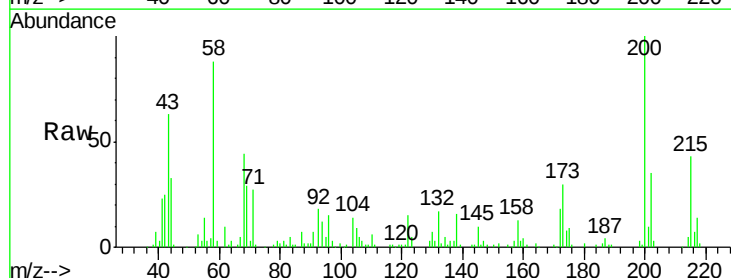
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 60646
Ion Ratio Lower Upper
284 100
142 66.3 12.8 19.2#
249 37.7 22.5 33.7#



#68
Atrazine
Concen: 41.13 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:200 Resp: 63961
Ion Ratio Lower Upper
200 100
173 30.3 8.4 48.4
215 42.8 22.7 62.7

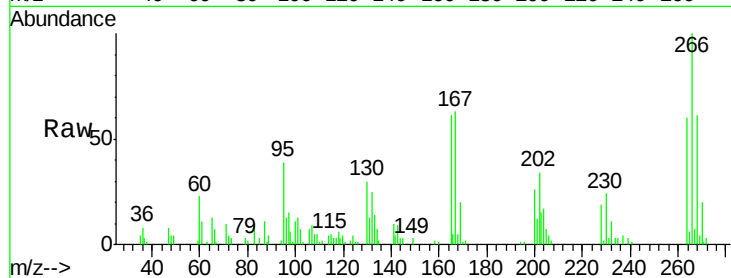




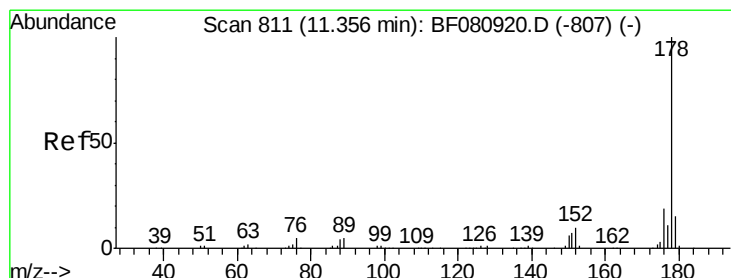
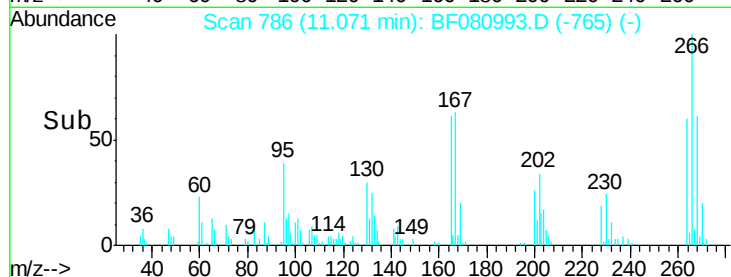
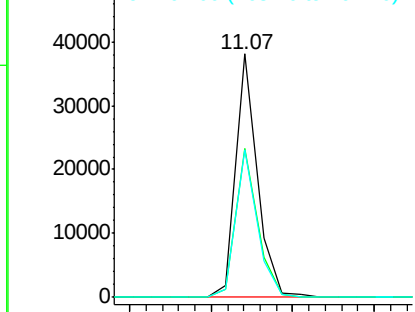
#69
 Pentachlorophenol
 Concen: 32.98 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 34472
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.6 77.4
 264 60.5 50.1 75.1

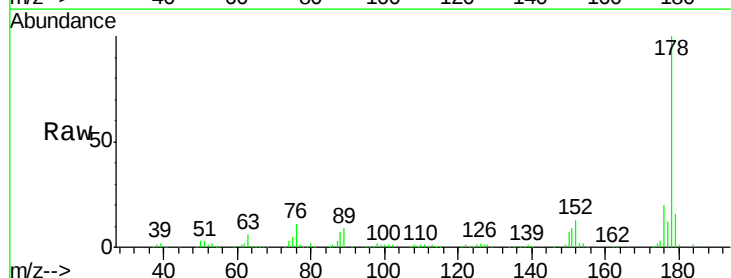


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

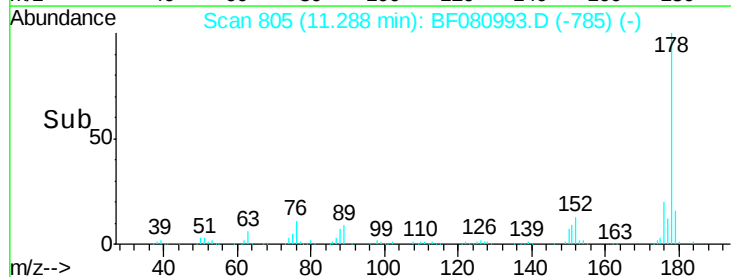
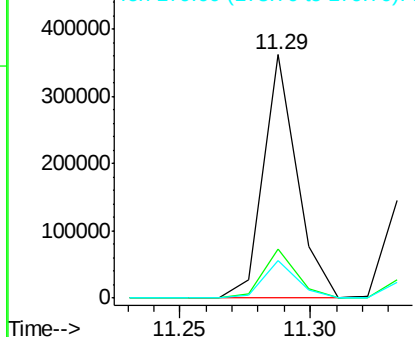


#70
 Phenanthrene
 Concen: 37.13 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:178 Resp: 320949
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.6 23.4
 179 15.6 11.9 17.9



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

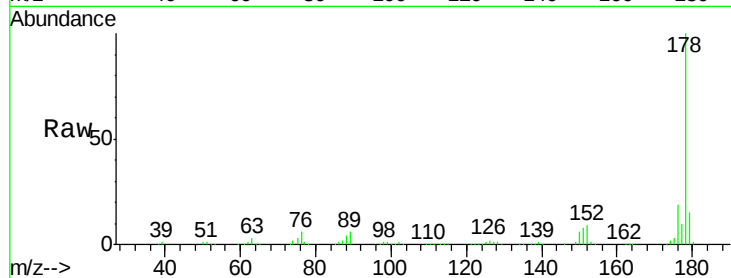




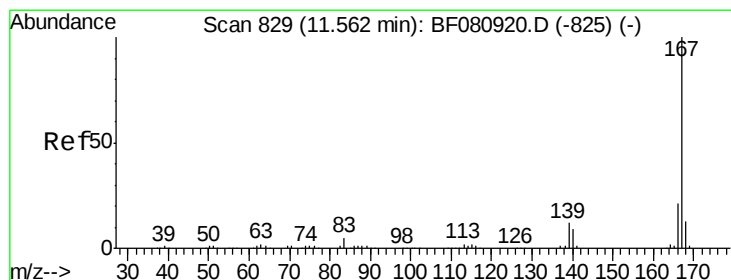
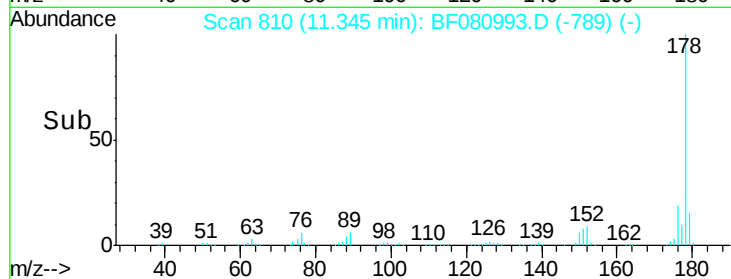
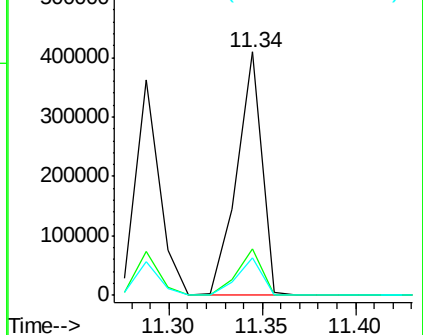
#71
 Anthracene
 Concen: 45.05 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 385525
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.2 12.6 18.8

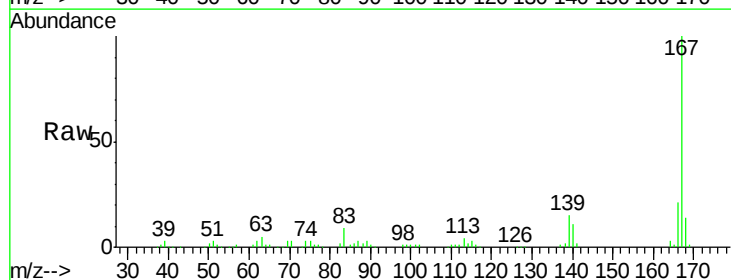


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

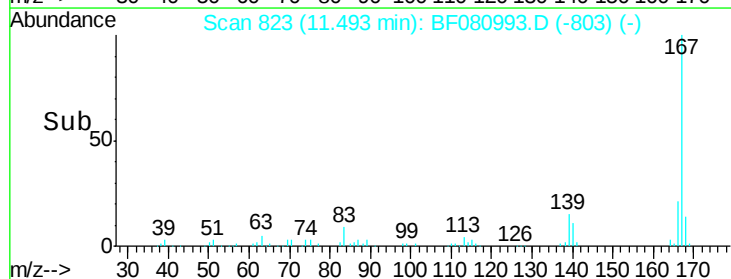
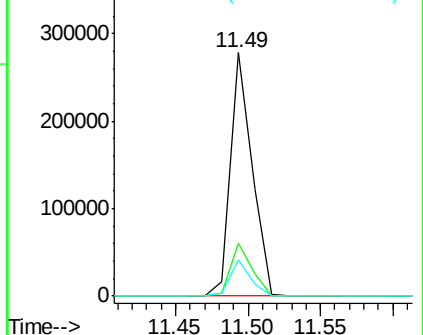


#72
 Carbazole
 Concen: 34.59 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:167 Resp: 288197
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 14.9 9.2 13.8#



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: 40.89 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

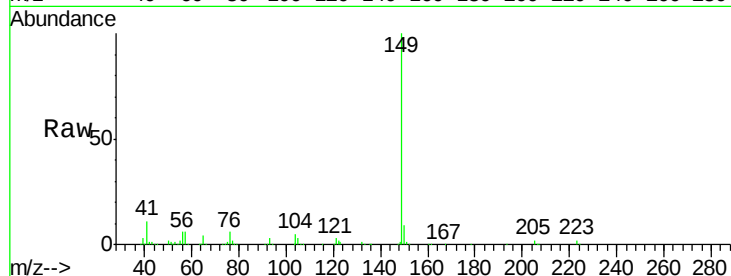
Tot Ion:149 Resp: 426087

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

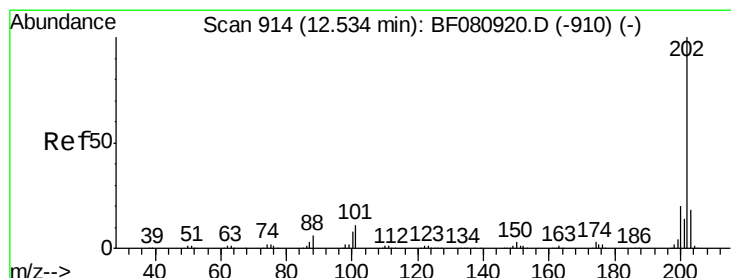
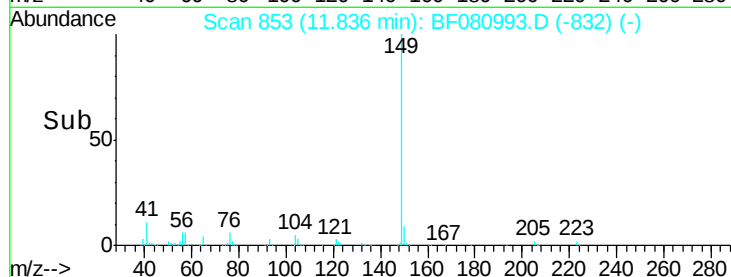
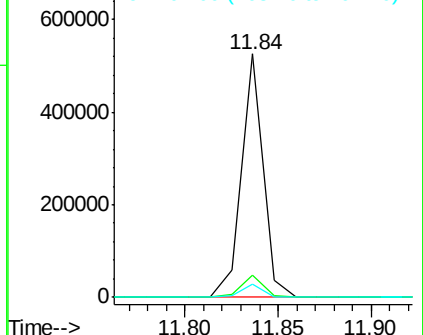
104 5.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.20 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

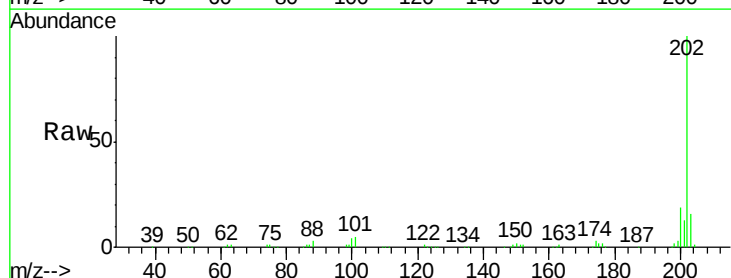
Tgt Ion:202 Resp: 272862

Ion Ratio Lower Upper

202 100

101 4.8 0.0 30.5

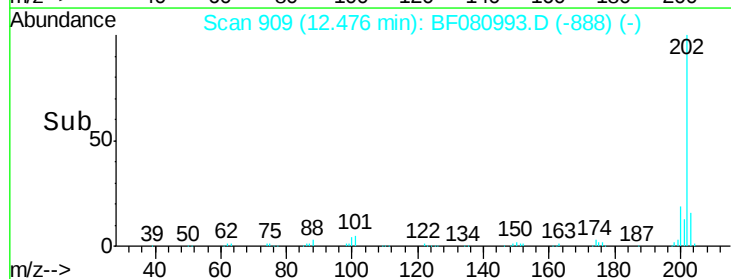
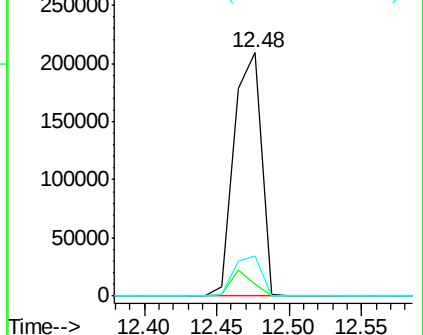
203 16.3 0.0 37.7

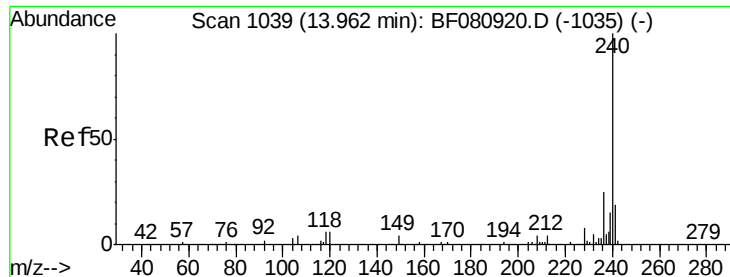


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

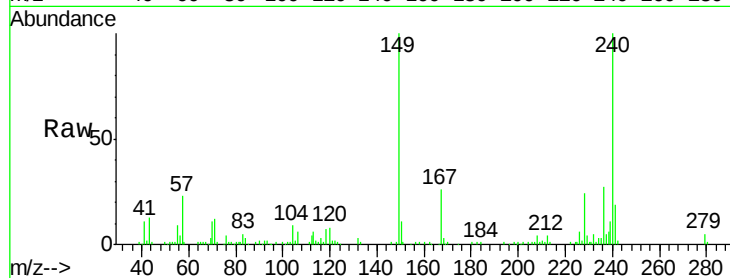
Tot Ion:240 Resp: 82033

Ion Ratio Lower Upper

240 100

120 7.5 5.2 7.8

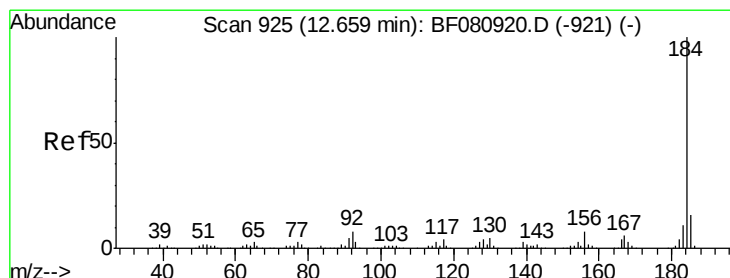
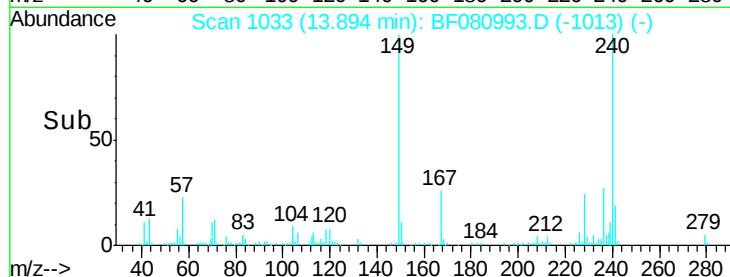
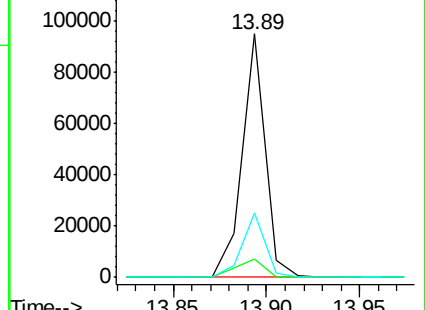
236 26.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.03 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

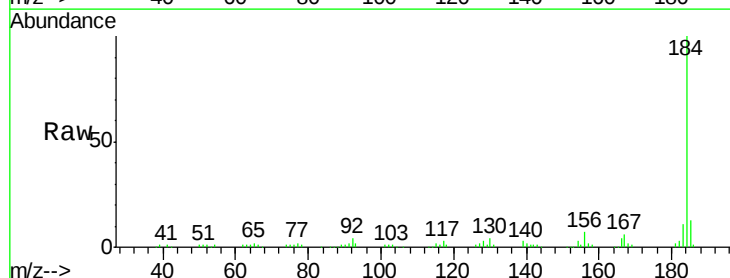
Tgt Ion:184 Resp: 131403

Ion Ratio Lower Upper

184 100

185 13.4 13.0 19.4

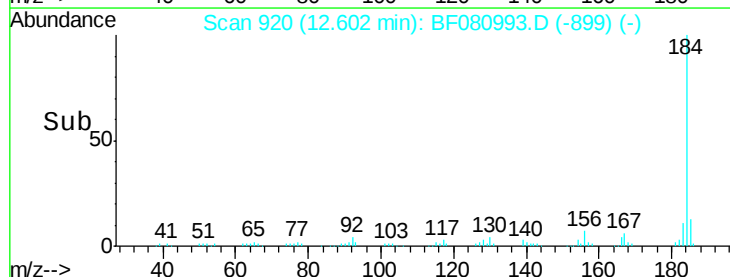
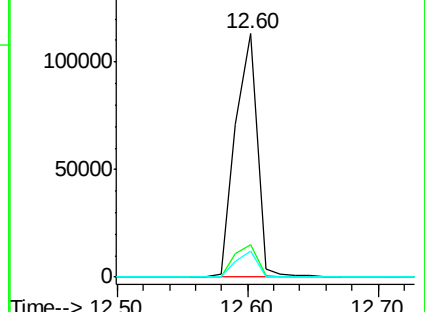
183 10.6 8.7 13.1

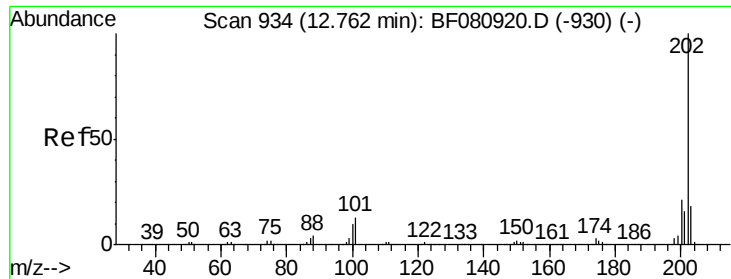


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.64 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

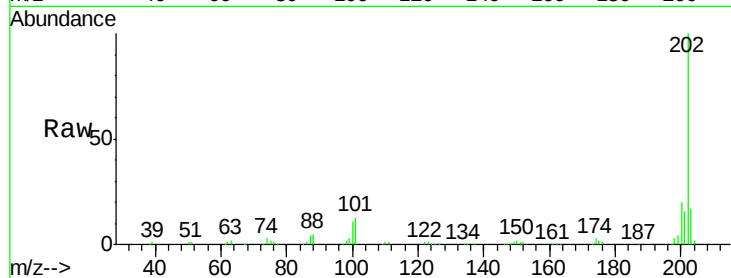
Tot Ion:202 Resp: 222027

Ion Ratio Lower Upper

202 100

200 19.9 16.6 24.8

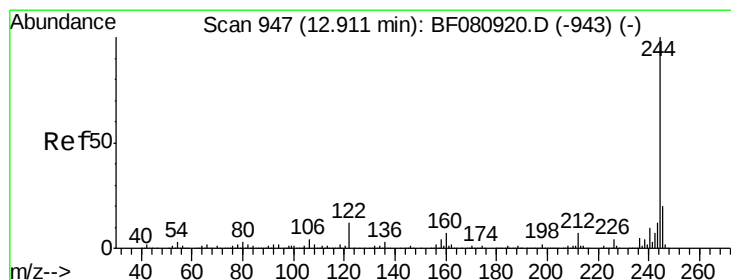
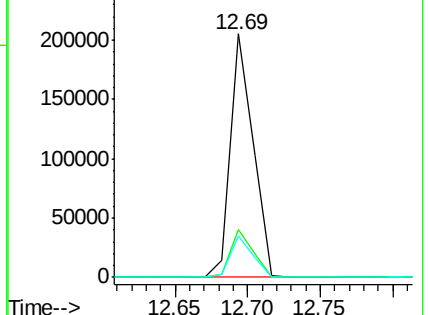
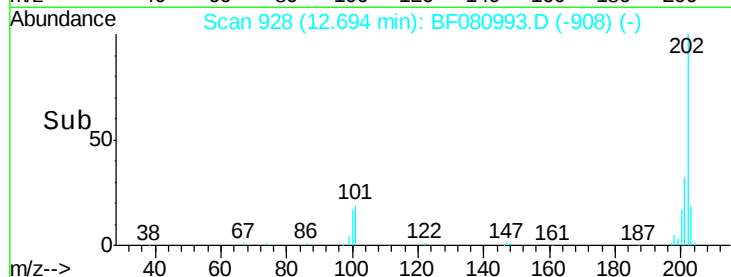
203 17.1 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.81 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

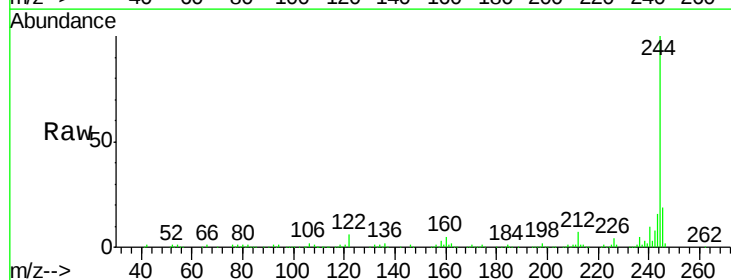
Tgt Ion:244 Resp: 376547

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

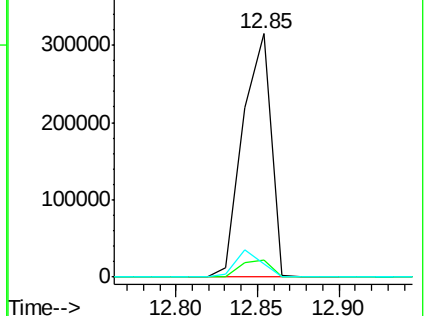
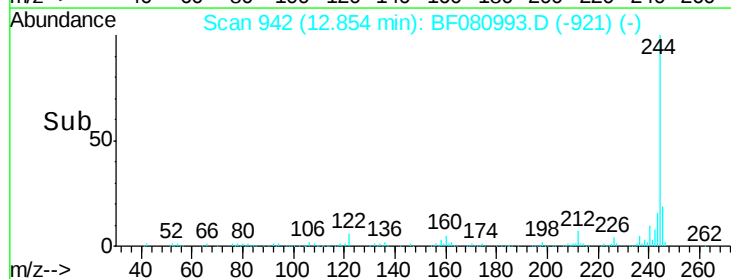
122 5.5 9.4 14.2#

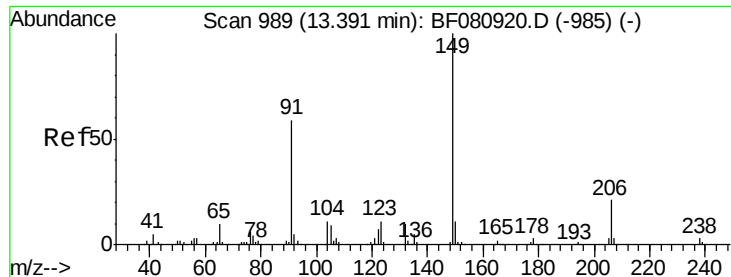


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

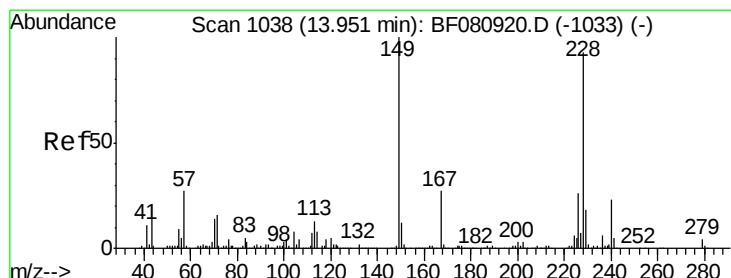
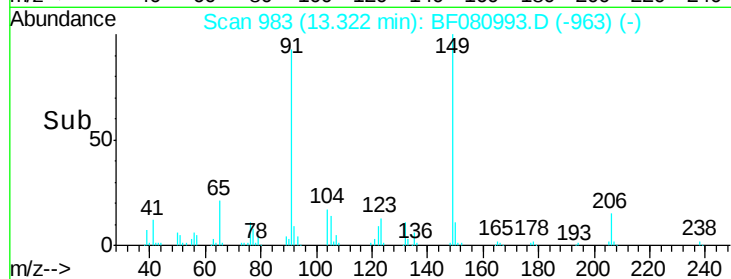
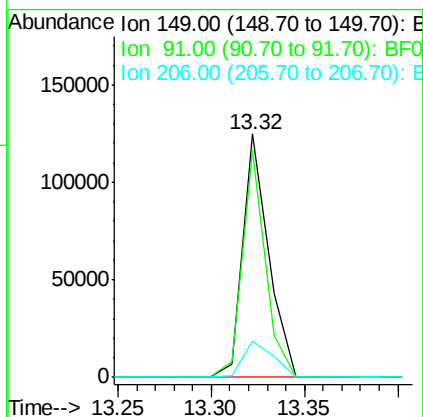
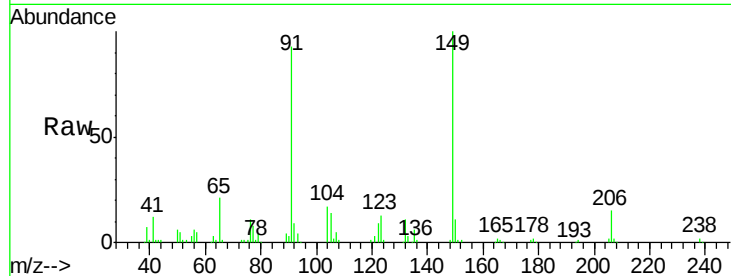




#79
Butylbenzylphthalate
Concen: 40.95 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

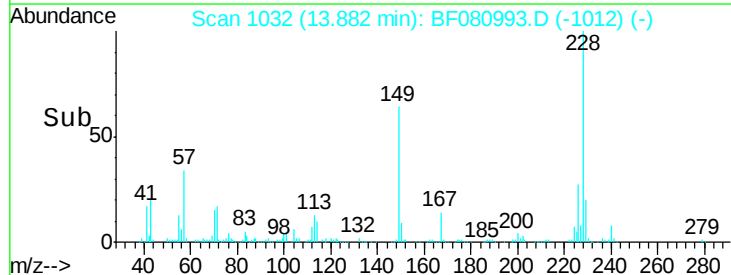
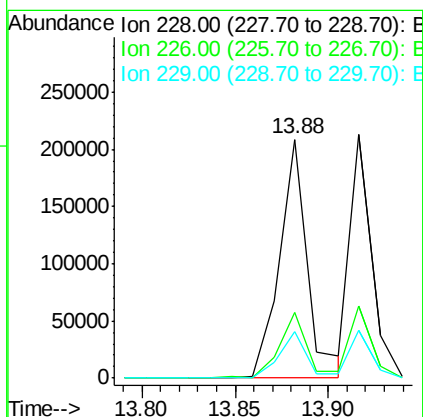
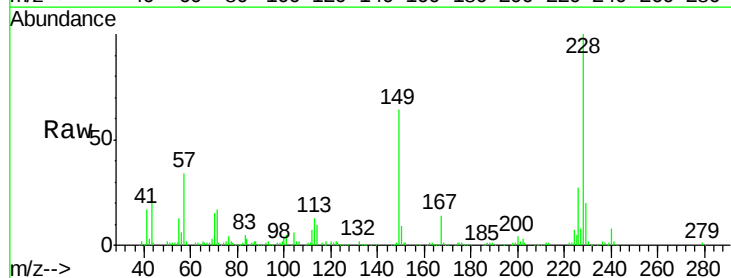
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

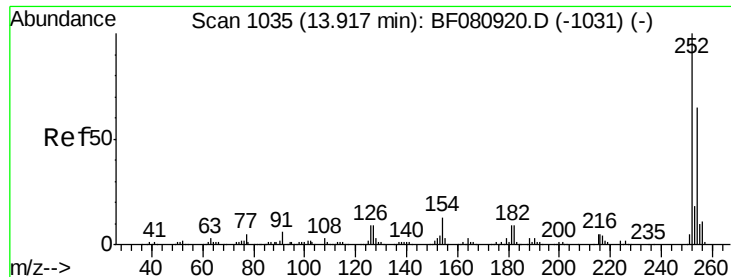
Tot Ion:149 Resp: 119626
Ion Ratio Lower Upper
149 100
91 93.1 47.2 70.8#
206 14.7 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 42.37 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:228 Resp: 219551
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.7 15.8 23.6

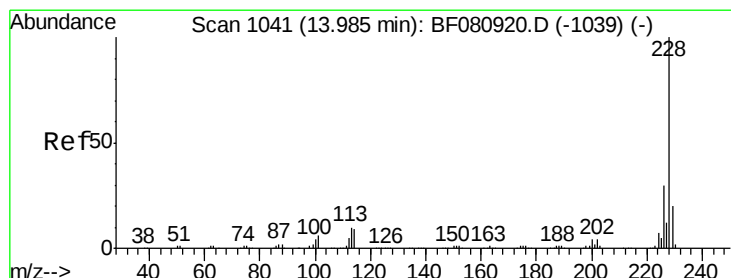
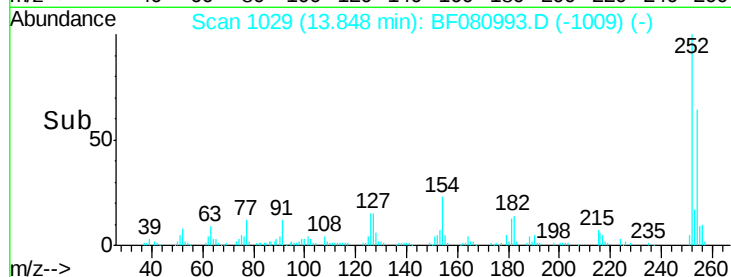
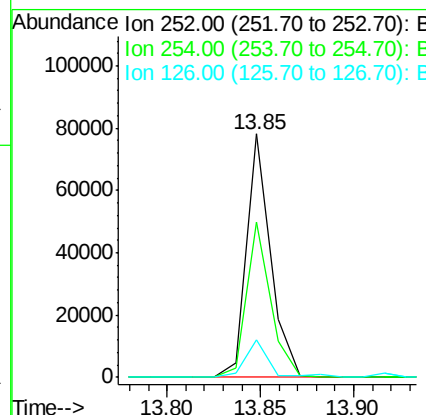
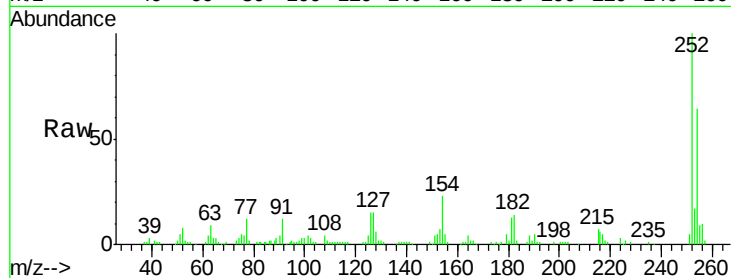




#81
 3,3'-Dichlorobenzidine
 Concen: 37.11 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

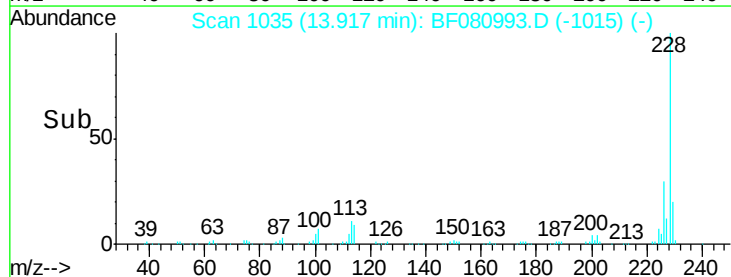
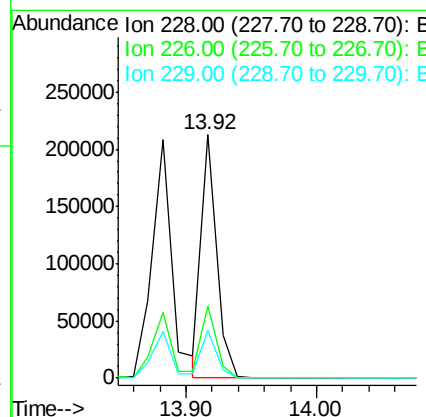
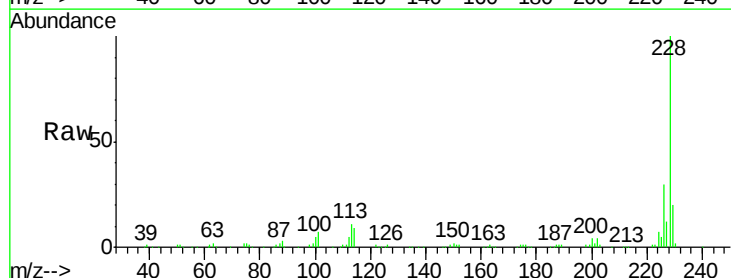
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 69939
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.7 77.5
 126 15.2 7.1 10.7#



#82
 Chrysene
 Concen: 35.12 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:228 Resp: 174255
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.9 35.9
 229 19.6 15.8 23.6

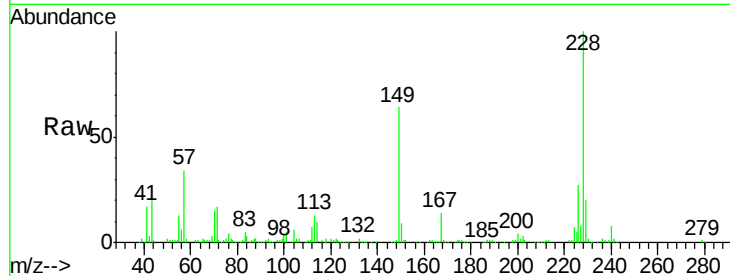




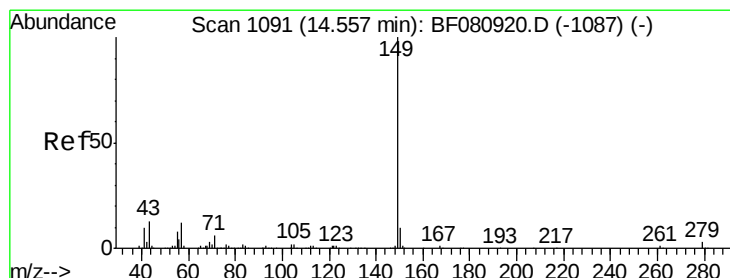
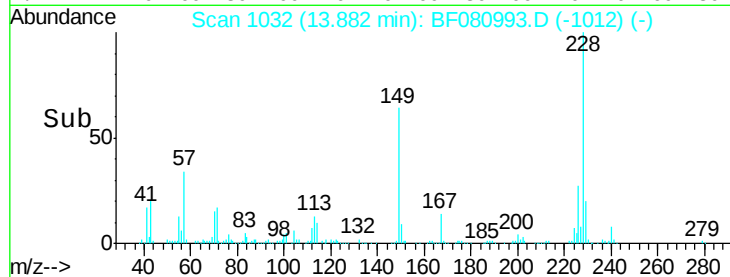
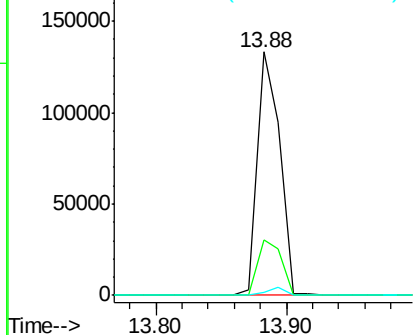
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.56 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 160824
 Ion Ratio Lower Upper
 149 100
 167 22.5 21.4 32.0
 279 1.4 2.9 4.3#

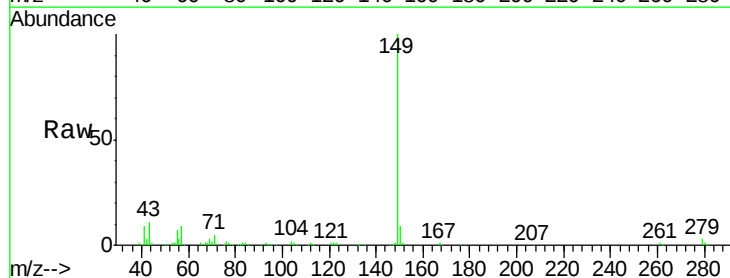


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

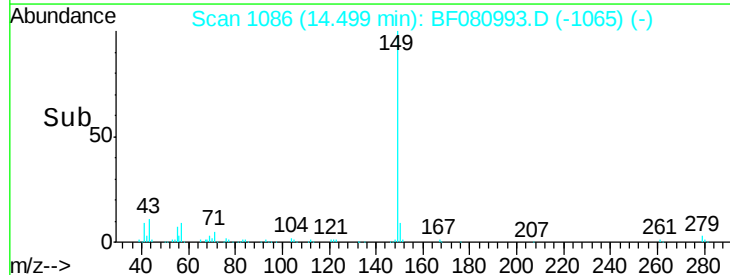
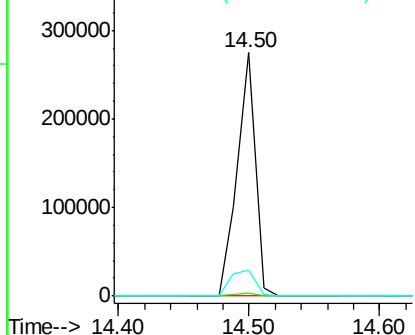


#84
 Di-n-octyl phthalate
 Concen: 38.58 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.06 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion:149 Resp: 265896
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 14.7 11.0 16.4



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

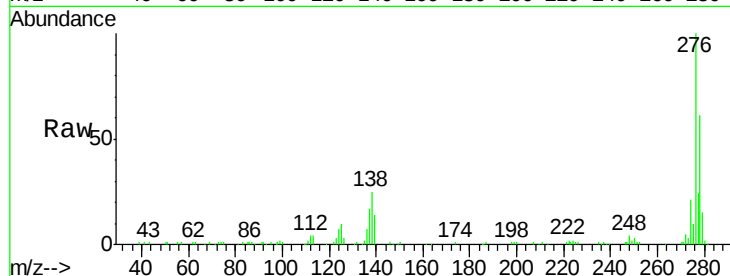




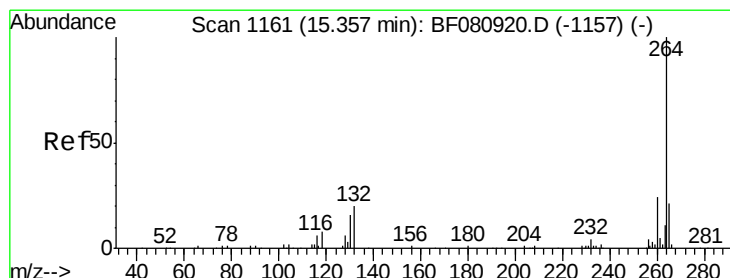
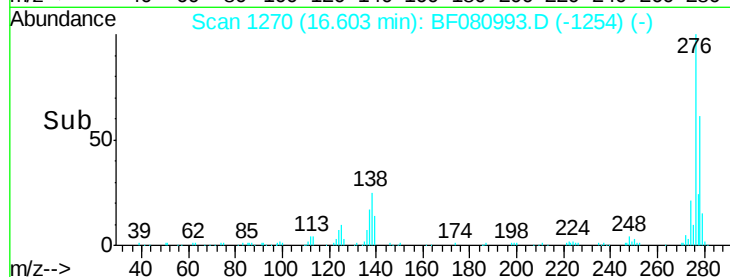
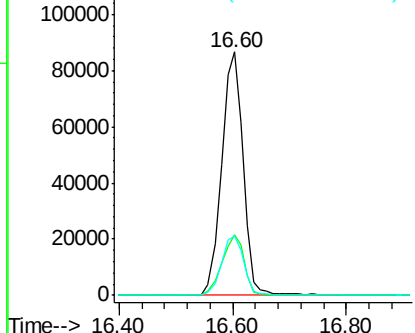
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.43 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. -0.11 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

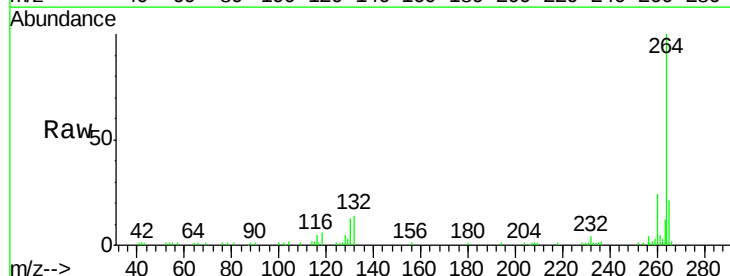


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

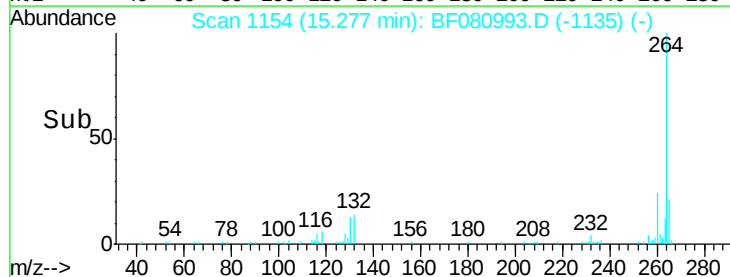
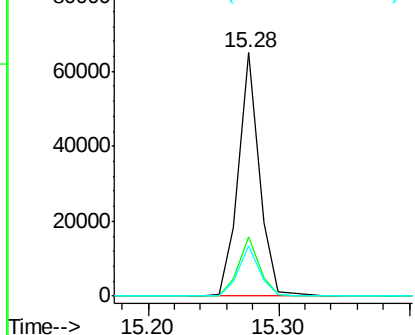


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	20.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 83.71 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

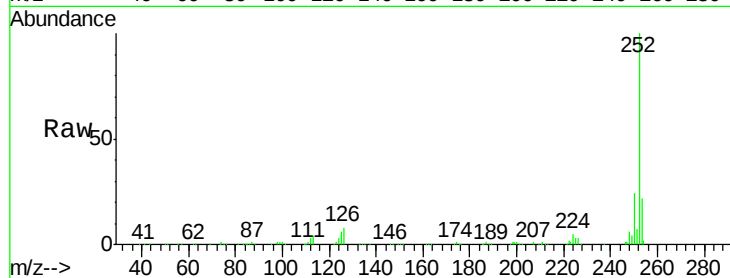
Tot Ion:252 Resp: 422858

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

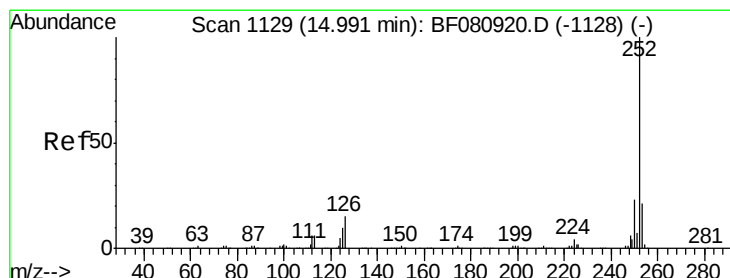
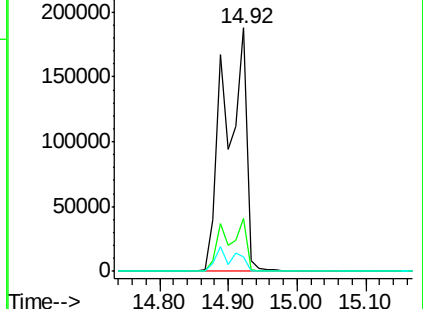
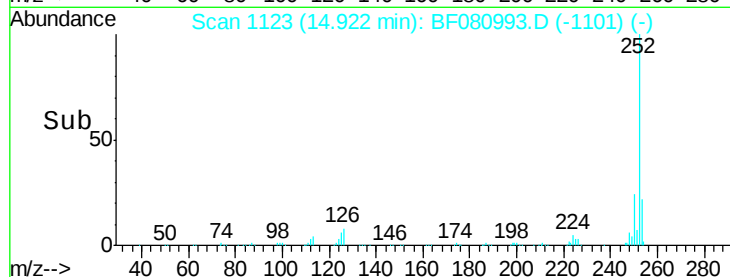
125 6.2 6.1 9.1



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: 95.69 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.07 min

Lab File: BF080993.D

Acq: 13 Aug 2015 21:43

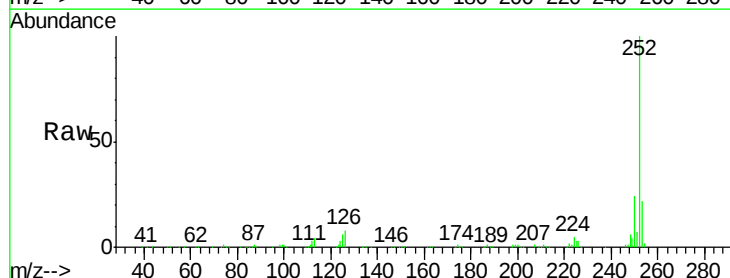
Tgt Ion:252 Resp: 422858

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

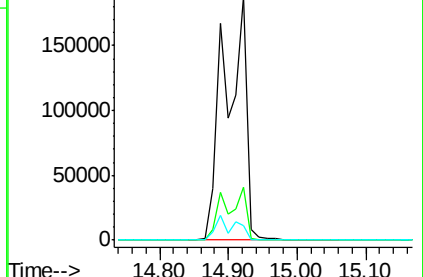
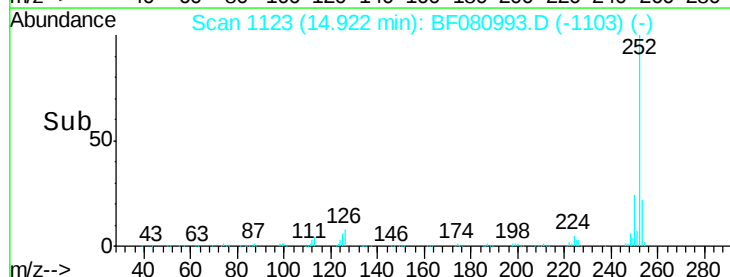
125 6.2 9.0 13.6#

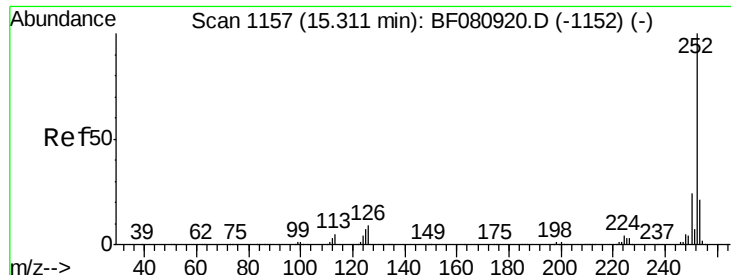


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

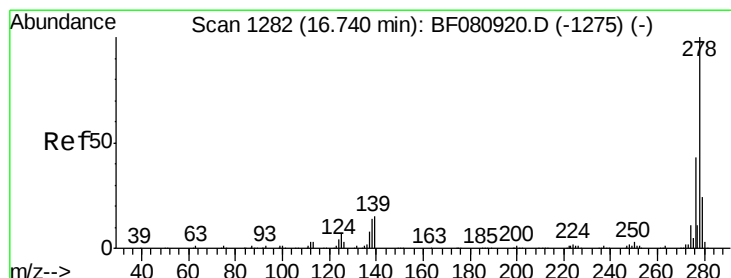
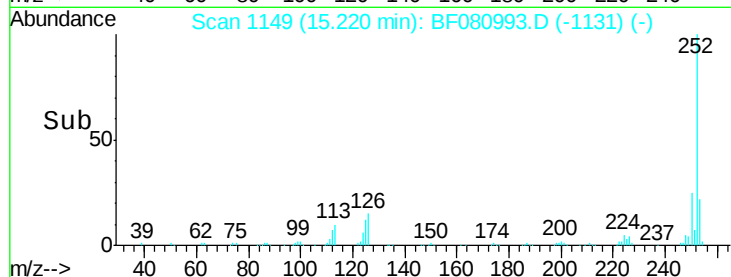
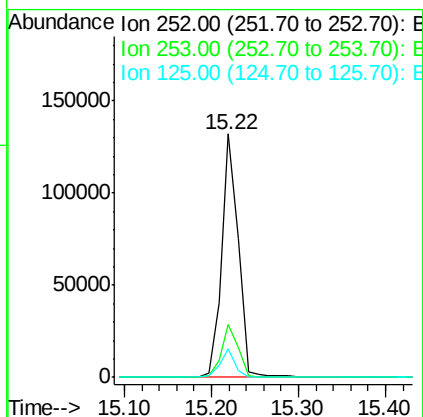
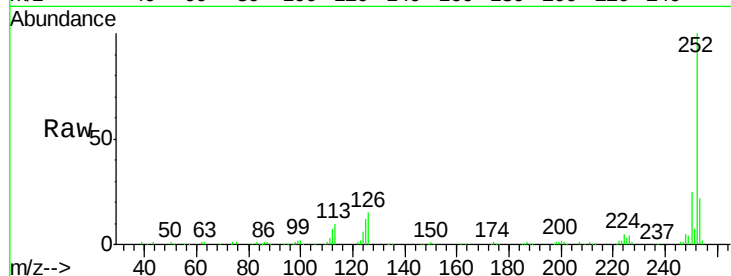




#89
Benzo(a)pyrene
Concen: 40.96 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.09 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

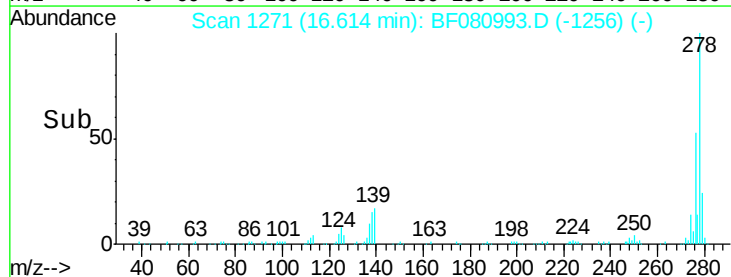
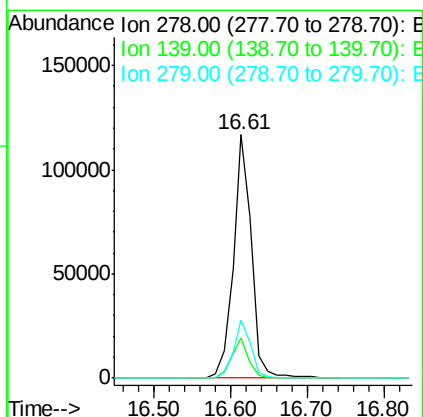
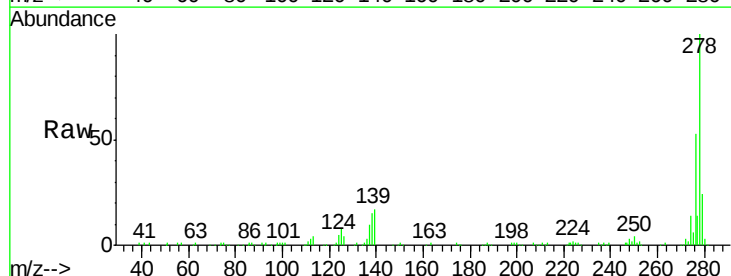
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

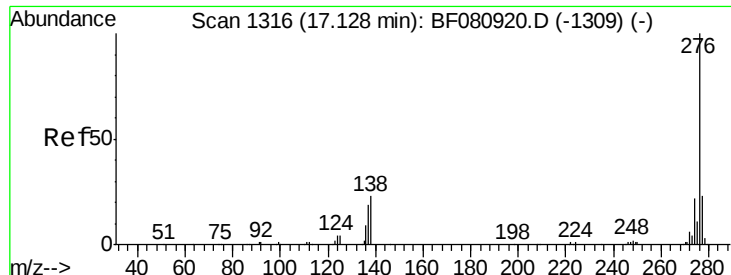
Tot Ion:252 Resp: 177840
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 12.0 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 50.43 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.13 min
Lab File: BF080993.D
Acq: 13 Aug 2015 21:43

Tgt Ion:278 Resp: 193662
Ion Ratio Lower Upper
278 100
139 16.6 11.9 17.9
279 24.0 19.0 28.6

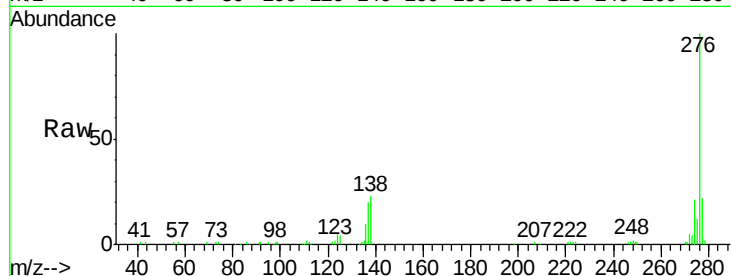




#91
 Benzo(a,h,i)perylene
 Concen: 45.38 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. -0.14 min
 Lab File: BF080993.D
 Acq: 13 Aug 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	22.9	18.4	27.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

