

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083994.D
 Acq On : 22 Dec 2015 16:16
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 22 16:47:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 16:42:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	61302	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	205833	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	109541	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	162384	20.00	ng	0.00
75) Chrysene-d12	14.00	240	139238	20.00	ng	0.00
86) Perylene-d12	15.43	264	106409	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	272815	37.23	ng	0.00
7) Phenol-d6	6.48	99	324668	36.94	ng	0.00
23) Nitrobenzene-d5	7.39	82	268467	40.08	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	84949	41.87	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	653157	38.04	ng	0.00
78) Terphenyl-d14	12.93	244	521113	43.17	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	62003	36.05	ng	98
3) Pyridine	3.10	79	142968	42.31	ng	99
4) n-Nitrosodimethylamine	3.05	42	53059	40.20	ng	98
6) Aniline	6.49	93	207182	33.52	ng	# 61
8) 2-Chlorophenol	6.61	128	156769	36.57	ng	93
9) Benzaldehyde	6.37	77	111154	37.04	ng	99
10) Phenol	6.49	94	181960	34.90	ng	# 73
11) bis(2-Chloroethyl)ether	6.57	93	146702	37.44	ng	98
12) 1,3-Dichlorobenzene	6.77	146	173792	37.02	ng	100
13) 1,4-Dichlorobenzene	6.84	146	177009	38.38	ng	98
14) 1,2-Dichlorobenzene	7.00	146	174959	37.95	ng	99
15) Benzyl Alcohol	6.98	79	141384	41.93	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	149932	39.42	ng	96
17) 2-Methylphenol	7.09	107	125806	36.39	ng	97
18) Hexachloroethane	7.34	117	59829	36.12	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	96900	37.60	ng	# 83
20) 3+4-Methylphenols	7.25	107	157558	36.96	ng	# 55
22) Acetophenone	7.24	105	211444	42.15	ng	# 94
24) Nitrobenzene	7.41	77	145305	41.44	ng	98
25) Isophorone	7.65	82	270321	42.44	ng	99
26) 2-Nitrophenol	7.73	139	88928	47.21	ng	97
27) 2,4-Dimethylphenol	7.78	122	158596	46.87	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	181910	45.65	ng	99
29) 2,4-Dichlorophenol	7.98	162	130047	44.53	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	134283	44.20	ng	# 94
31) Naphthalene	8.13	128	422222	38.55	ng	100
32) Benzoic acid	7.90	122	63147	61.73	ng	95
33) 4-Chloroaniline	8.19	127	195091	44.04	ng	# 92
34) Hexachlorobutadiene	8.26	225	73929	39.26	ng	98
35) Caprolactam	8.56	113	37588	44.40	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	144572	48.46	ng	94
37) 2-Methylnaphthalene	8.83	142	323975	46.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	139976	42.50	ng	96
40) Hexachlorocyclopentadiene	8.99	237	31623	58.48	ng	99

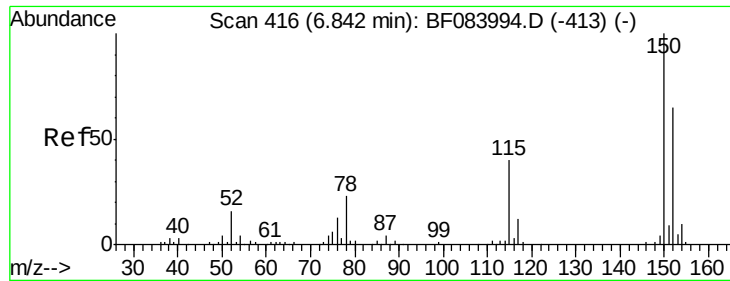
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	81325	40.64	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	86922	41.70	nq	96
45) 1,1'-Biphenyl	9.30	154	377987	36.97	nq	95
46) 2-Chloronaphthalene	9.32	162	291262	39.48	nq	90
47) 2-Nitroaniline	9.41	65	77989	40.00	nq	# 85
48) Acenaphthylene	9.73	152	463184	40.76	nq	99
49) Dimethylphthalate	9.60	163	307152	33.87	nq	# 91
50) 2,6-Dinitrotoluene	9.65	165	65194	34.56	nq	# 59
51) Acenaphthene	9.90	154	269025	40.12	nq	99
52) 3-Nitroaniline	9.82	138	75619	39.53	nq	90
53) 2,4-Dinitrophenol	9.94	184	26210	49.91	nq	93
54) Dibenzofuran	10.08	168	412465	39.20	nq	95
55) 4-Nitrophenol	10.00	139	46241	43.43	nq	# 71
56) 2,4-Dinitrotoluene	10.06	165	102058	45.04	nq	85
57) Fluorene	10.42	166	325470	39.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	67939	44.21	nq	93
59) Diethylphthalate	10.29	149	322863	37.38	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	137239	35.76	nq	# 87
61) 4-Nitroaniline	10.44	138	84851	43.67	nq	88
62) Azobenzene	10.57	77	288559	38.80	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	47906	60.88	nq	91
65) n-Nitrosodiphenylamine	10.53	169	277072	44.38	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	89746	46.48	nq	# 89
67) Hexachlorobenzene	10.97	284	86930	41.25	nq	# 82
68) Atrazine	11.06	200	81442	43.59	nq	94
69) Pentachlorophenol	11.16	266	25768	54.60	nq	97
70) Phenanthrene	11.38	178	378656	39.29	nq	99
71) Anthracene	11.43	178	360032	37.14	nq	99
72) Carbazole	11.59	167	362260	39.98	nq	99
73) Di-n-butylphthalate	11.92	149	457131	39.75	nq	# 98
74) Fluoranthene	12.57	202	395923	42.08	nq	94
76) Benzidine	12.68	184	226278	46.74	nq	99
77) Pyrene	12.80	202	429333	46.86	nq	100
79) Butylbenzylphthalate	13.40	149	191728	46.71	nq	89
80) Benzo(a)anthracene	13.99	228	328900	40.27	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	130335	43.67	nq	# 96
82) Chrysene	14.02	228	310832	41.51	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	266157	44.50	nq	# 97
84) Di-n-octyl phthalate	14.58	149	388290	42.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	266540	44.54	nq	99
87) Benzo(b)fluoranthene	15.01	252	530491	77.71	nq	99
88) Benzo(k)fluoranthene	15.01	252	530491	81.05	nq	97
89) Benzo(a)pyrene	15.36	252	256164	40.38	nq	# 93
90) Dibenzo(a,h)anthracene	16.83	278	224798	46.06	nq	100
91) Benzo(g,h,i)perylene	17.25	276	205898	42.18	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

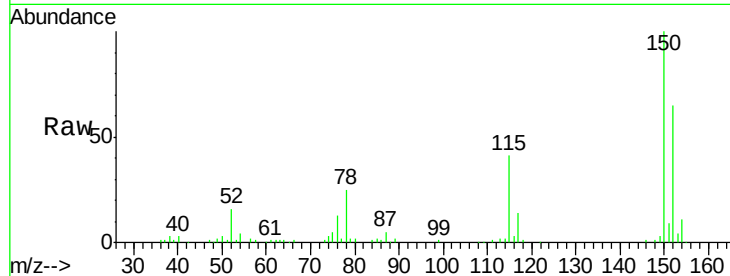
Tot Ion:152 Resp: 61302

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

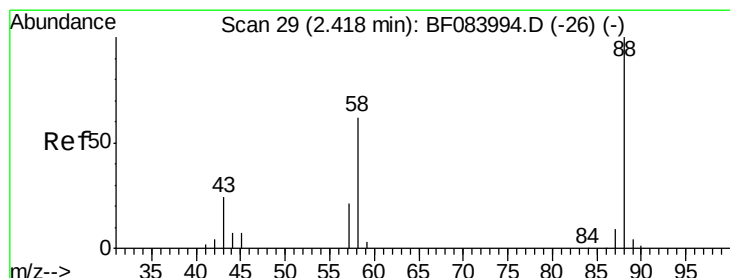
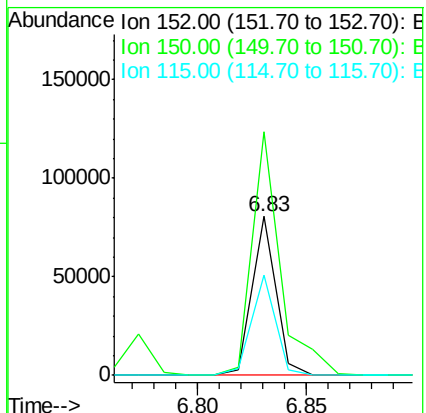
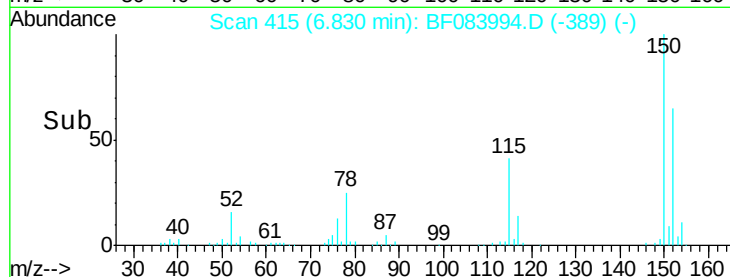
115 63.0 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.05 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

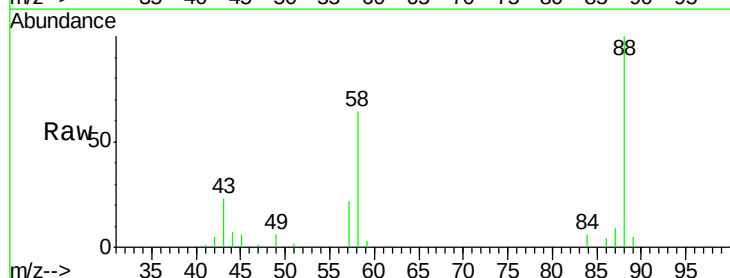
Tgt Ion: 88 Resp: 62003

Ion Ratio Lower Upper

88 100

58 63.1 51.2 76.8

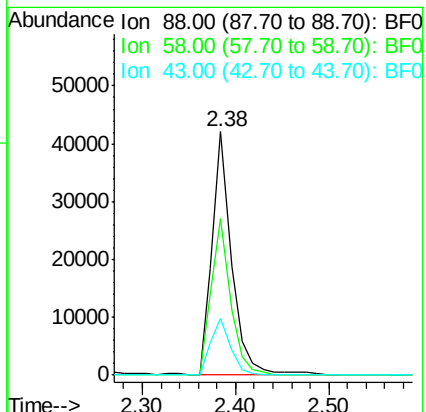
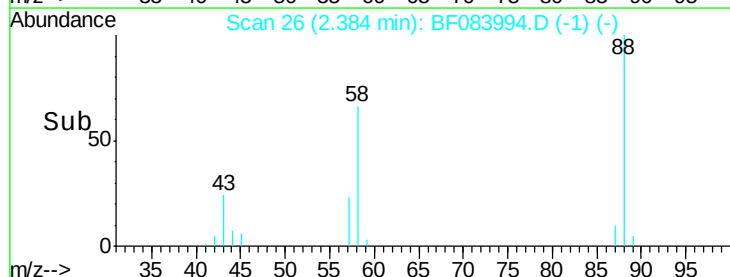
43 23.2 19.5 29.3

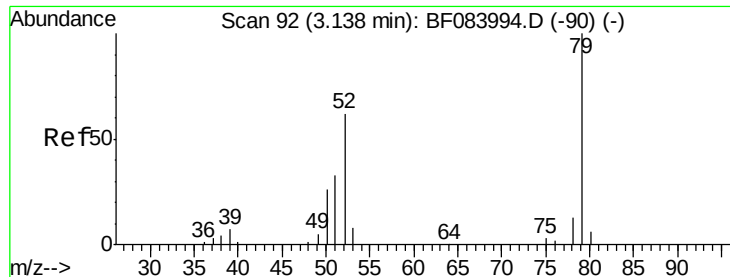


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.31 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

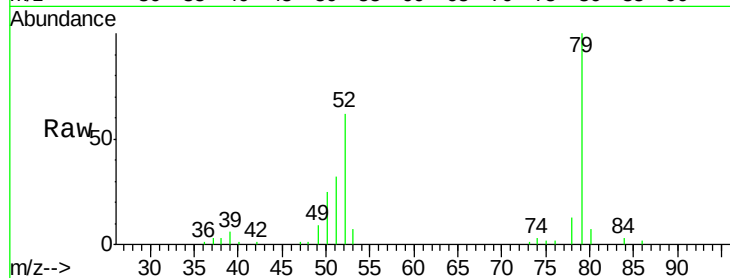
Tot Ion: 79 Resp: 142968

Ion Ratio Lower Upper

79 100

52 61.9 49.0 73.4

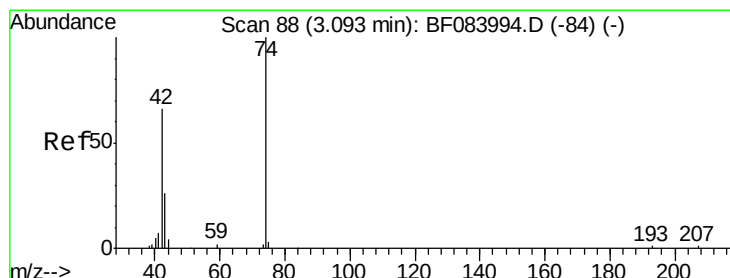
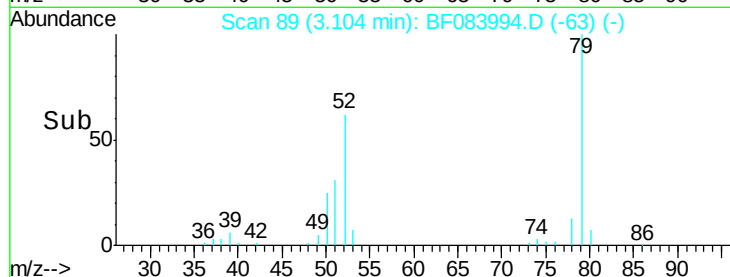
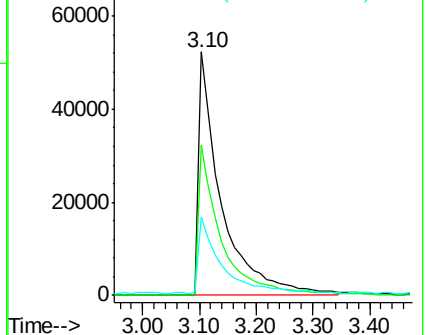
51 32.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.20 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

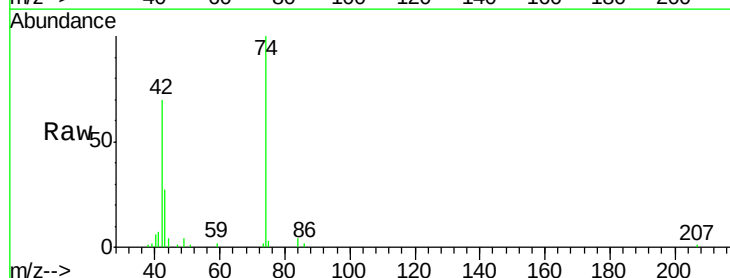
Tgt Ion: 42 Resp: 53059

Ion Ratio Lower Upper

42 100

74 141.9 115.7 173.5

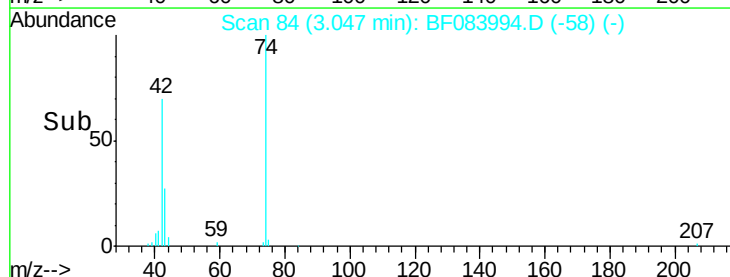
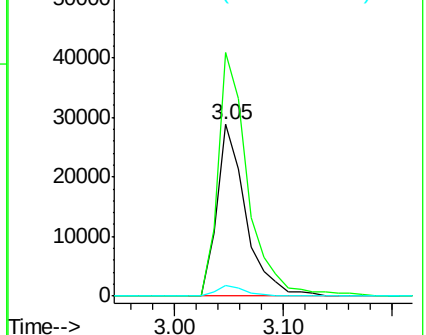
44 6.2 5.1 7.7

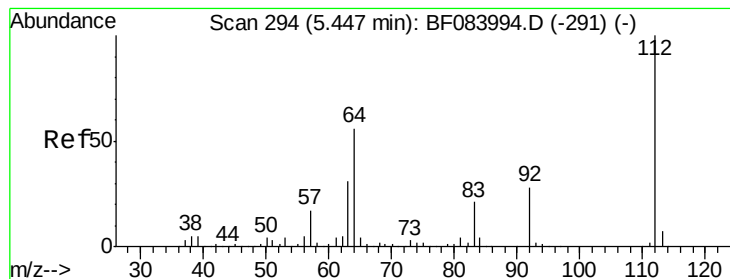


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

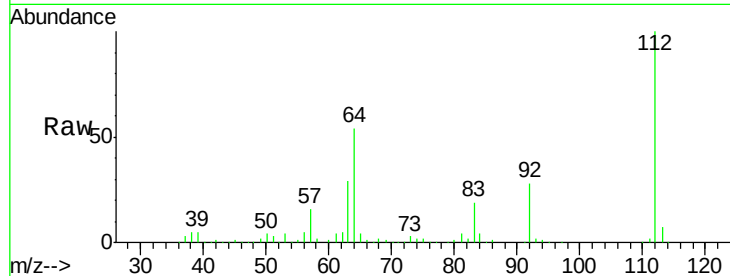




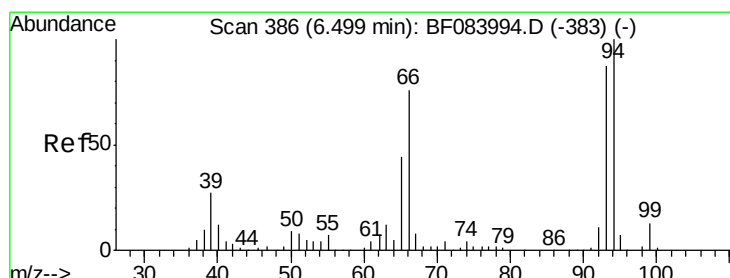
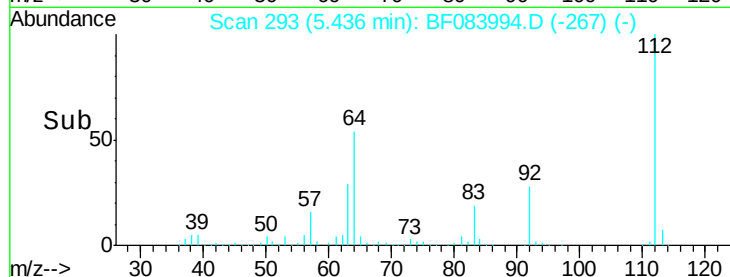
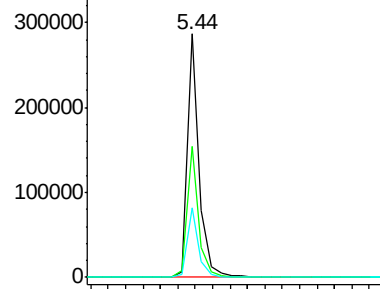
#5
2-Fluorophenol
Concen: 37.23 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
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SSTDICCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.7	36.6	55.0
63	28.6	19.4	29.0

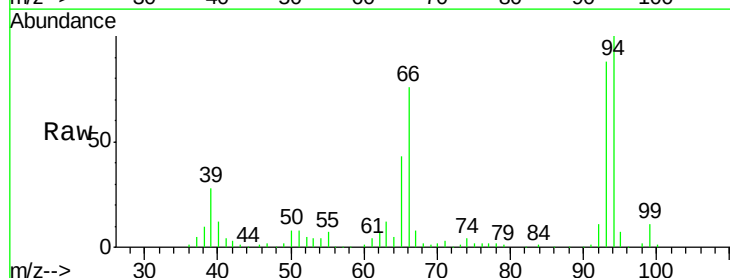


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

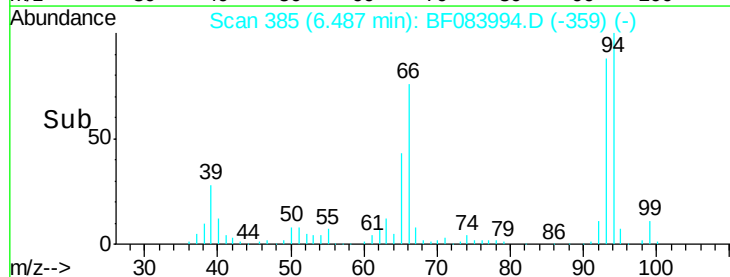
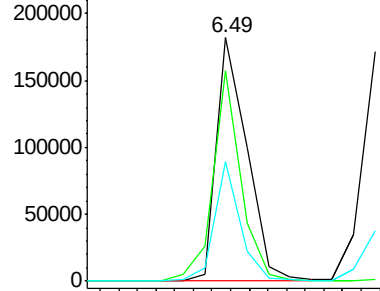


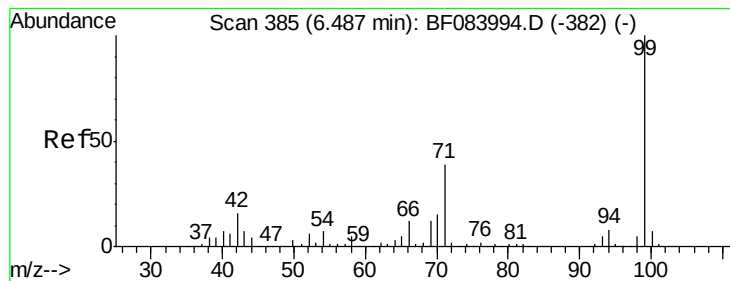
#6
Aniline
Concen: 33.52 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	86.2	44.9	67.3#
65	49.0	23.7	35.5#



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: 36.94 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

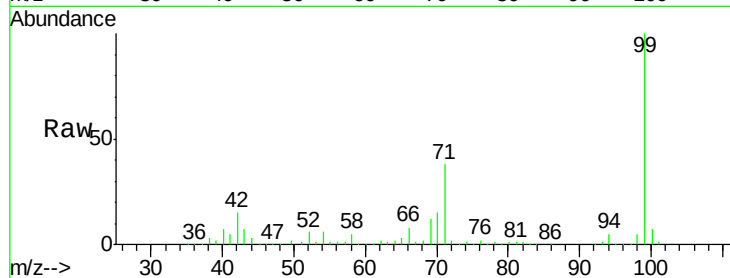
Tot Ion: 99 Resp: 324668

Ion Ratio Lower Upper

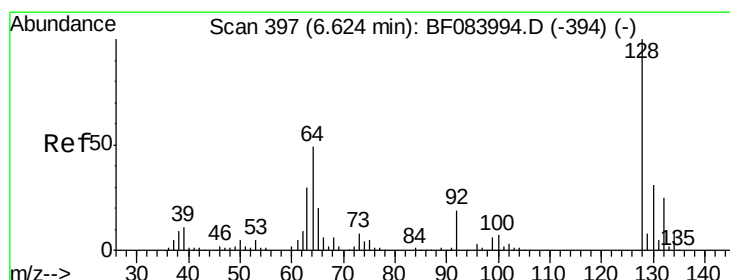
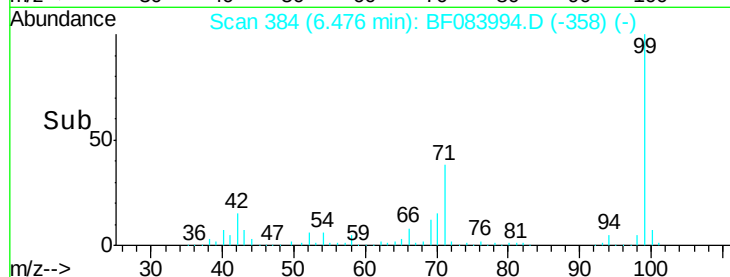
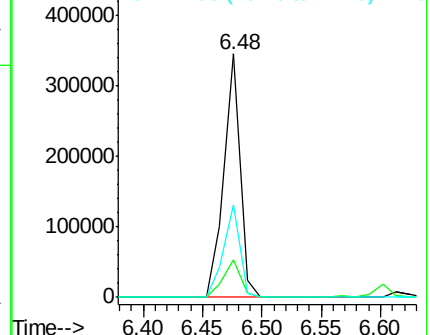
99 100

42 15.2 12.8 19.2

71 37.9 30.9 46.3



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: 36.57 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

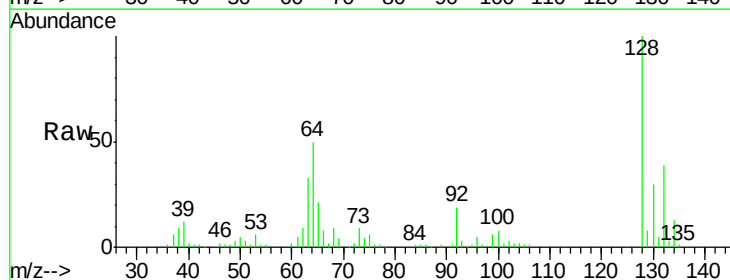
Tgt Ion: 128 Resp: 156769

Ion Ratio Lower Upper

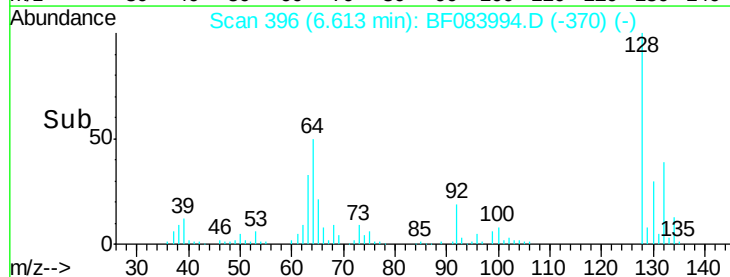
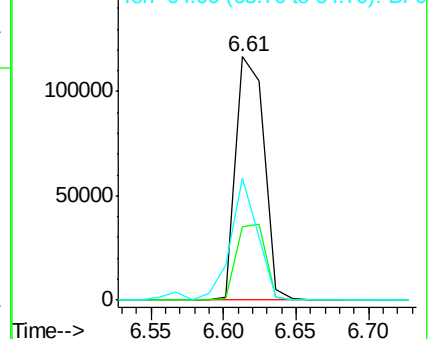
128 100

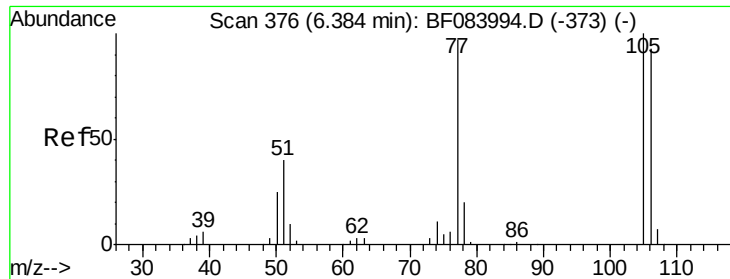
130 30.3 11.6 51.6

64 50.3 23.8 63.8



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: 37.04 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

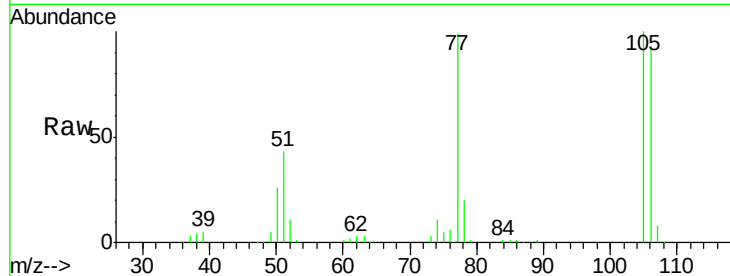
Tot Ion: 77 Resp: 111154

Ion Ratio Lower Upper

77 100

105 101.5 83.0 123.0

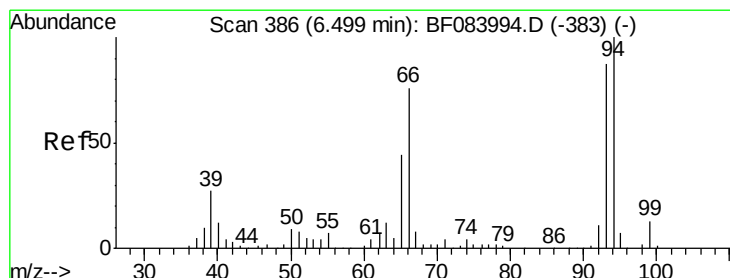
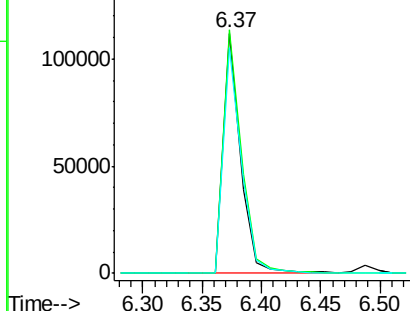
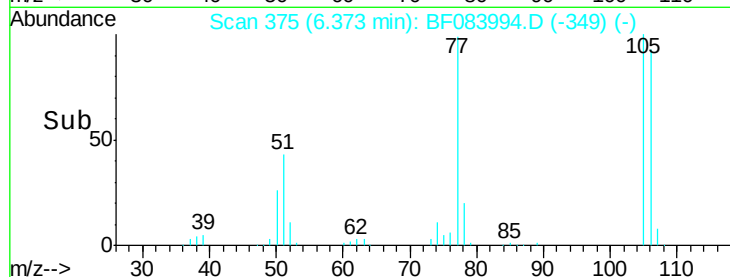
106 94.0 74.6 114.6



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: 34.90 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

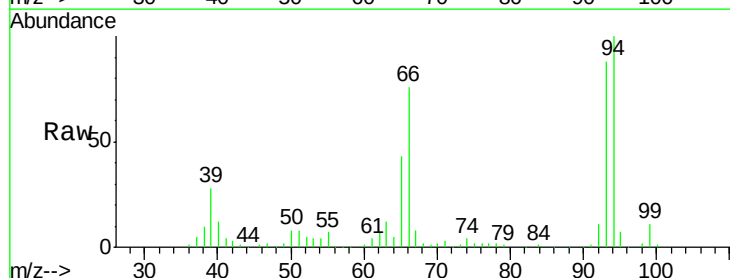
Tgt Ion: 94 Resp: 181960

Ion Ratio Lower Upper

94 100

65 43.2 12.9 52.9

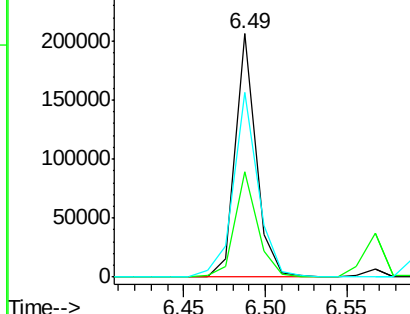
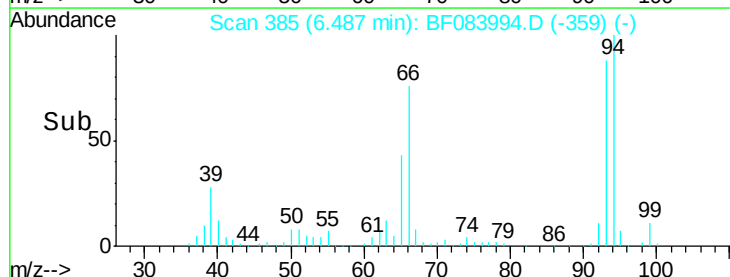
66 76.0 32.7 72.7#

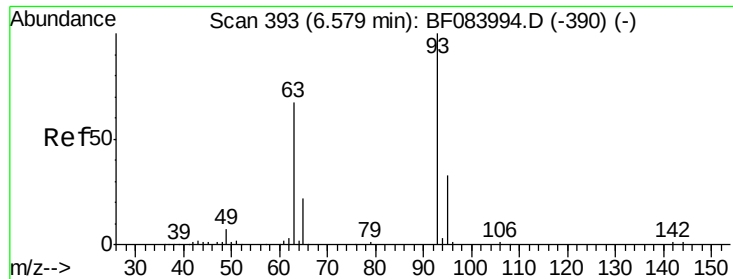


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

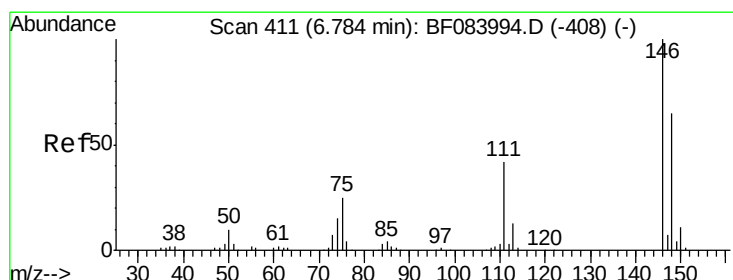
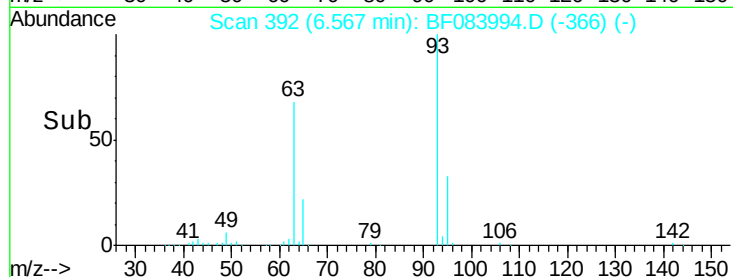
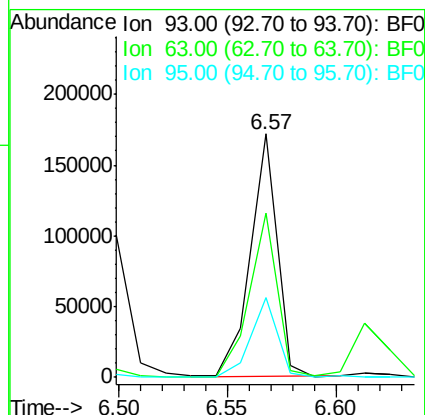
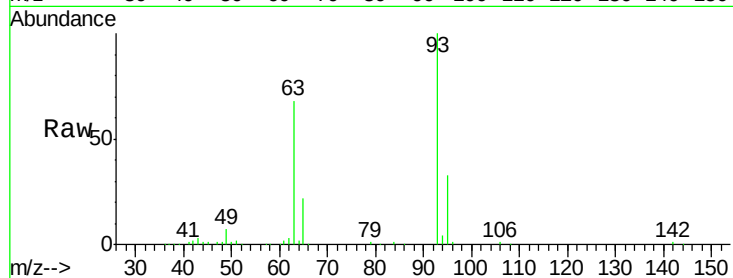




#11
bis(2-Chloroethyl)ether
Concen: 37.44 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

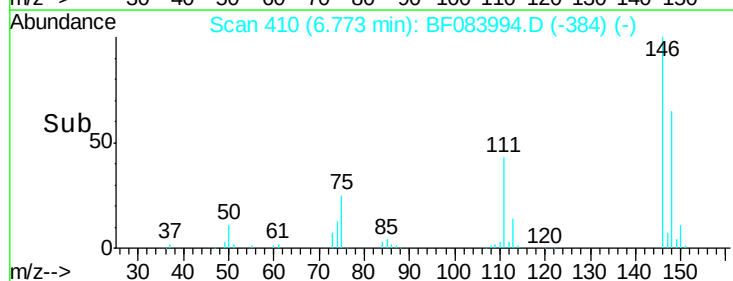
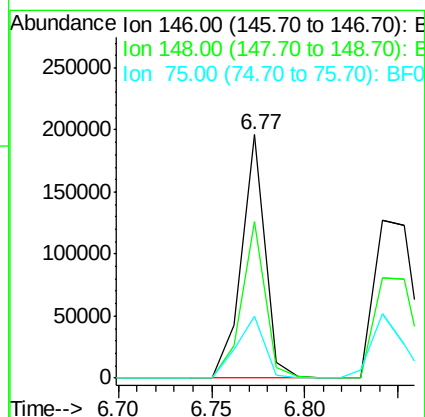
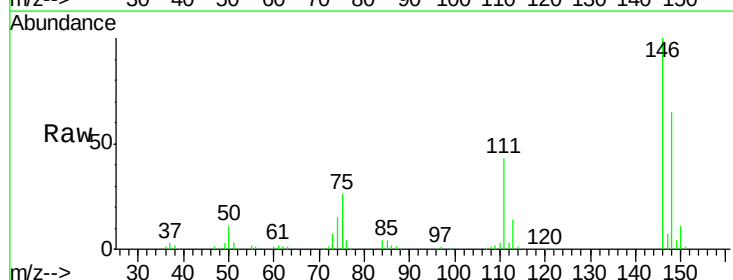
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

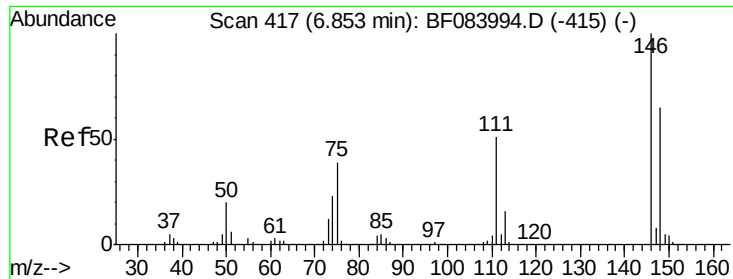
Tot Ion: 93 Resp: 146702
Ion Ratio Lower Upper
93 100
63 67.5 45.9 85.9
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.02 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion: 146 Resp: 173792
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 25.5 20.5 30.7

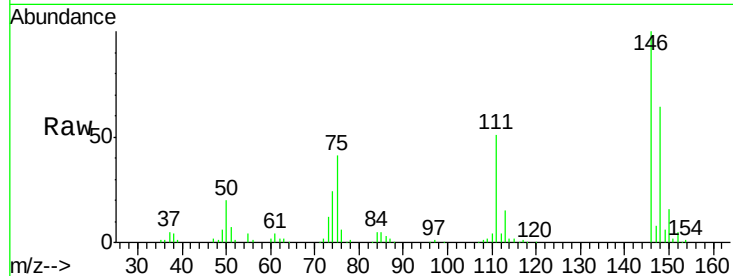




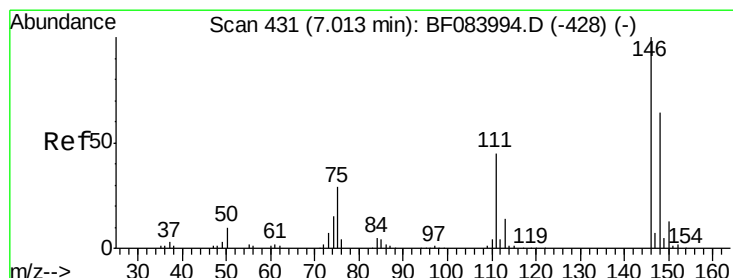
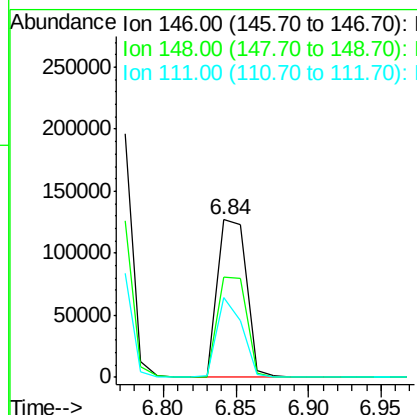
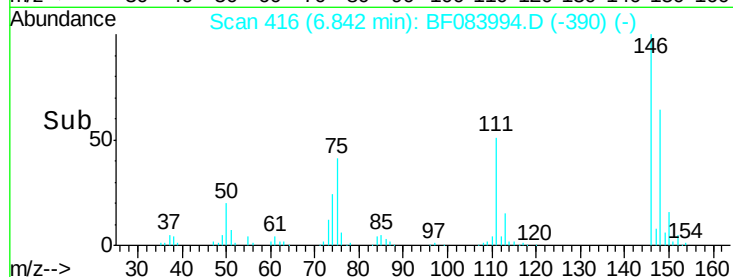
#13
 1,4-Dichlorobenzene
 Concen: 38.38 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:146 Resp: 177009
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 50.8 41.6 62.4

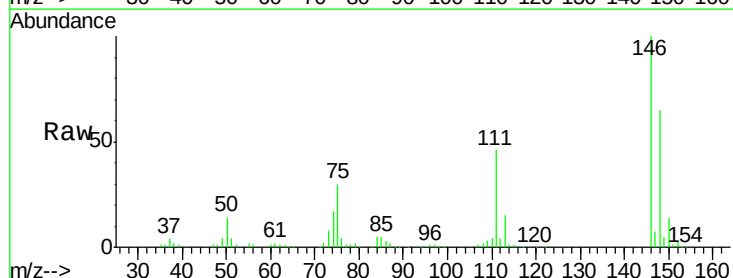


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

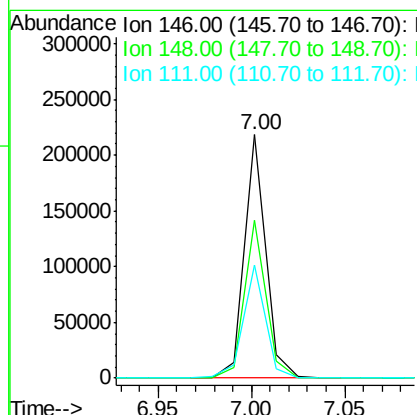
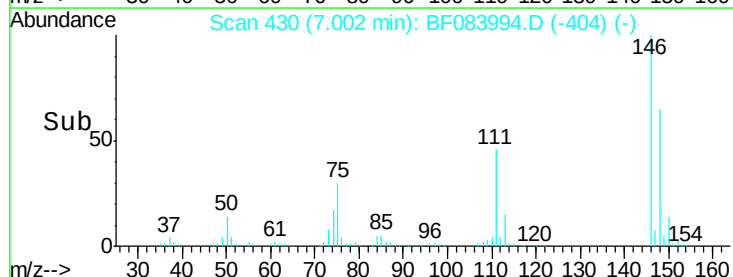


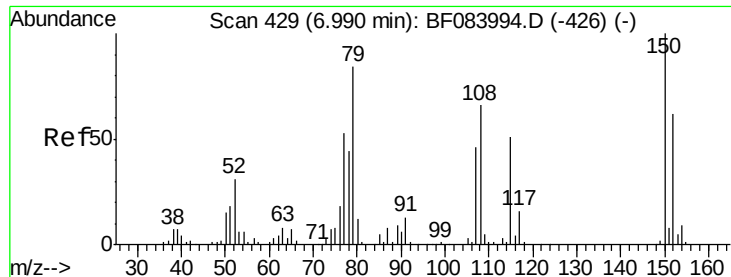
#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:146 Resp: 174959
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 46.4 38.0 57.0



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: 41.93 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

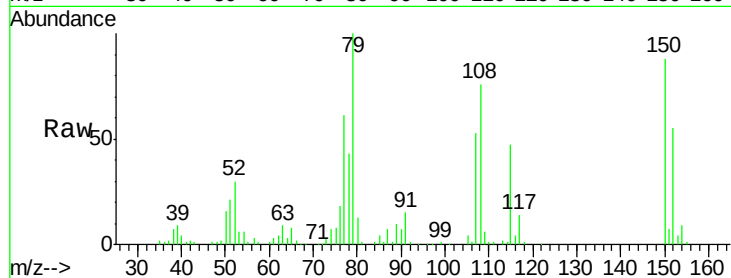
Tot Ion: 79 Resp: 141384

Ion Ratio Lower Upper

79 100

108 75.8 69.0 103.4

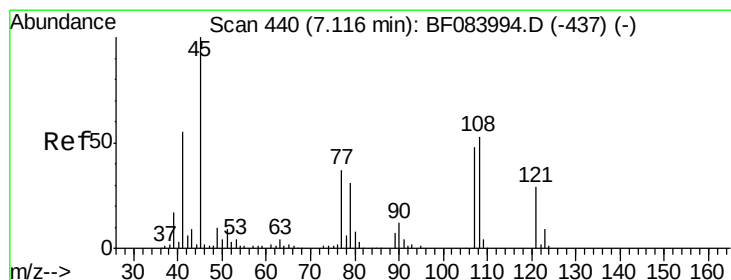
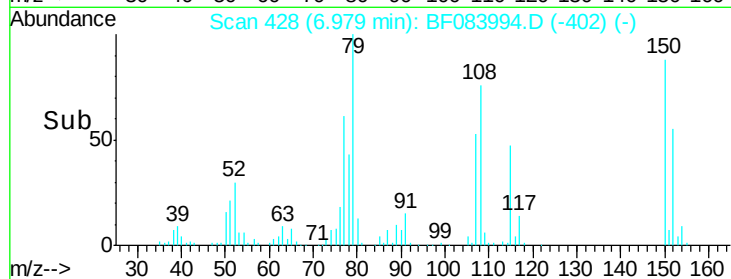
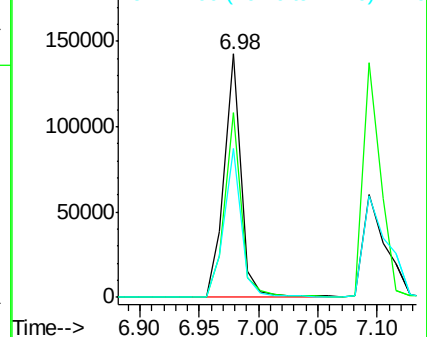
77 61.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.42 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

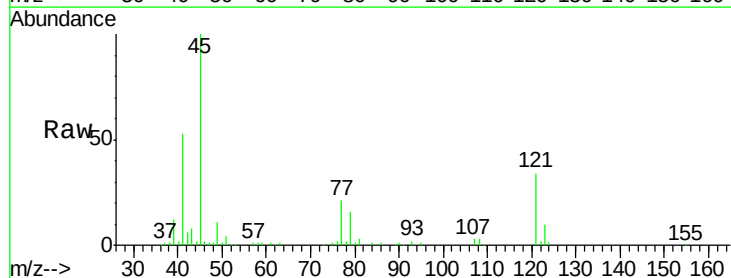
Tgt Ion: 45 Resp: 149932

Ion Ratio Lower Upper

45 100

77 21.5 0.0 39.6

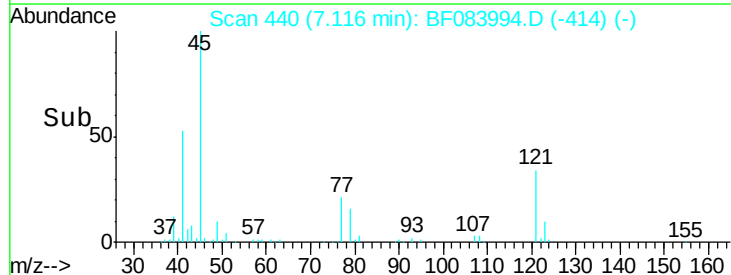
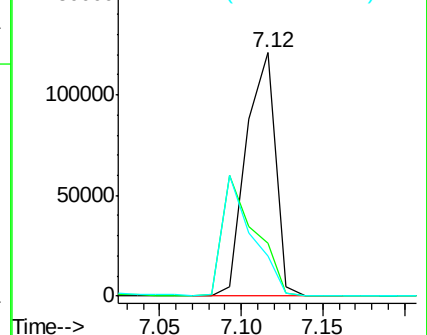
79 16.4 0.0 35.0

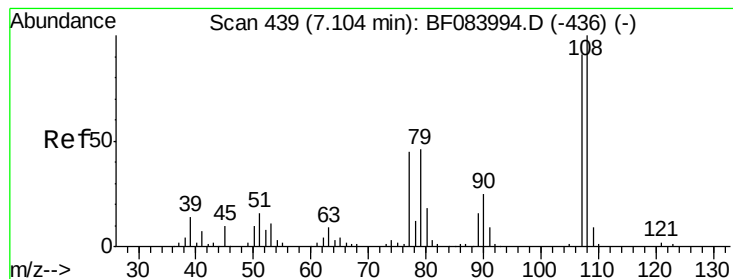


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

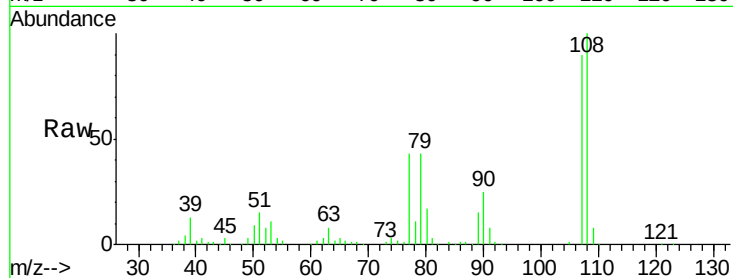




#17
2-Methylphenol
Concen: 36.39 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	89.8	134.6
77	48.1	35.7	53.5
79	48.1	35.7	53.5



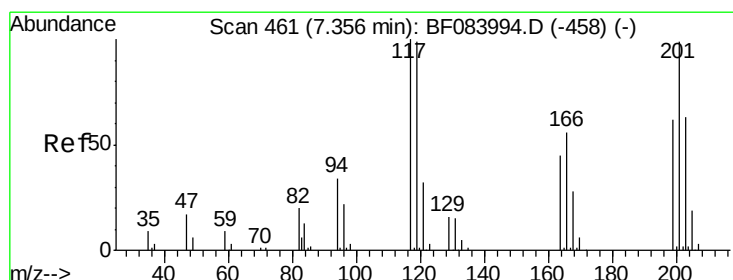
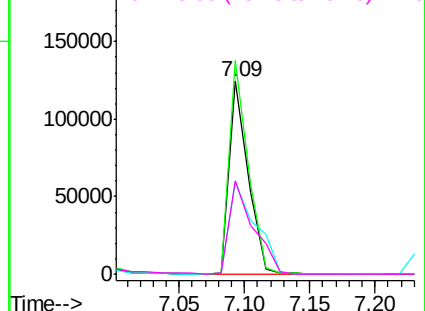
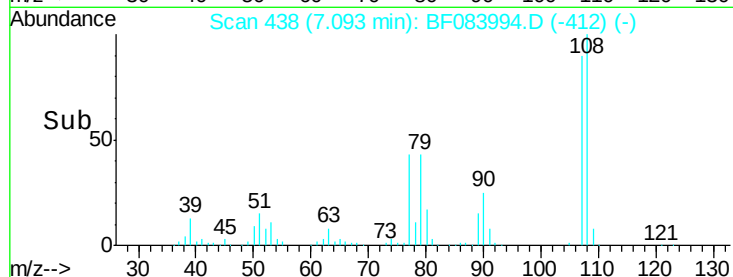
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

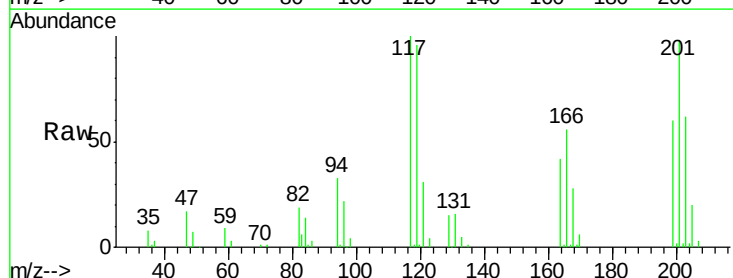
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.12 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	98.3	68.6	103.0

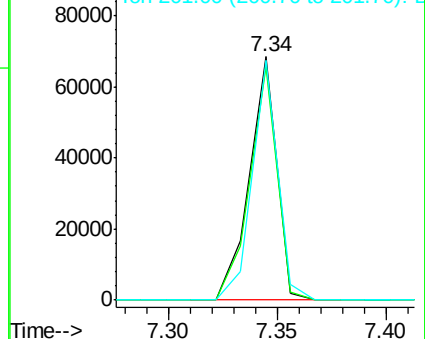
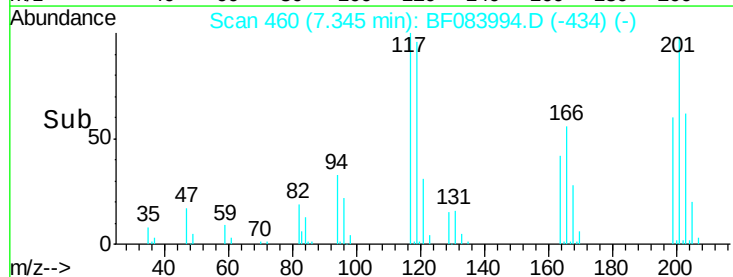


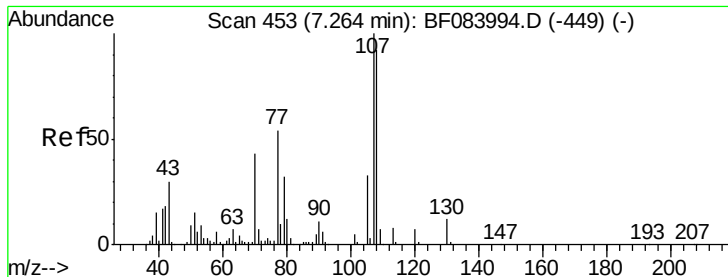
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

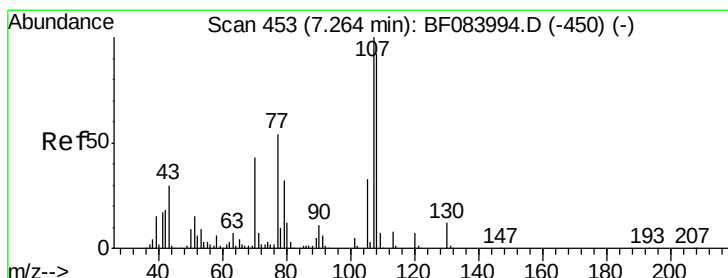
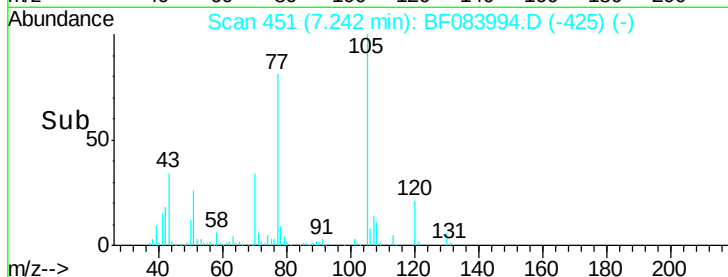
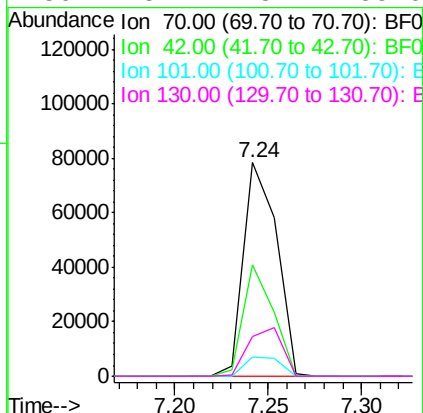
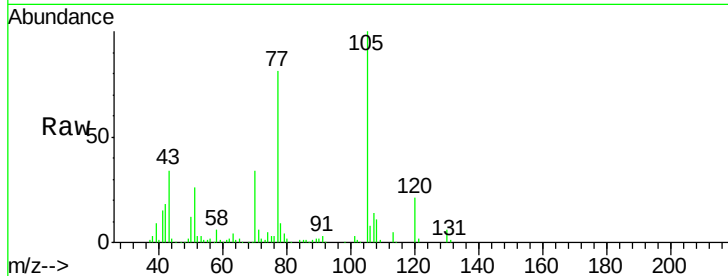




#19
n-Nitroso-di-n-propylamine
Concen: 37.60 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

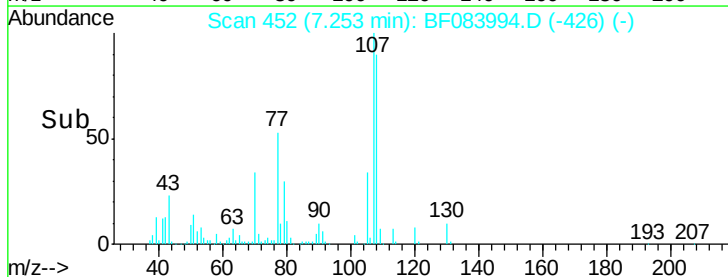
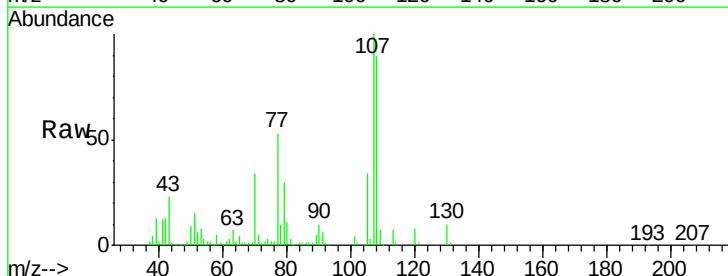
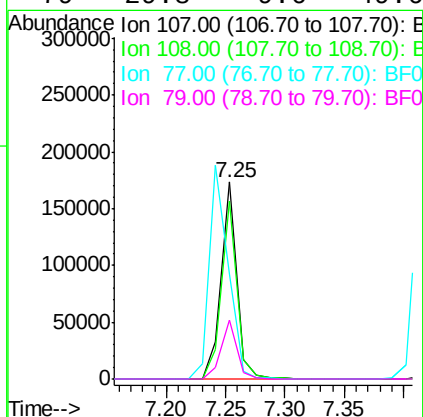
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

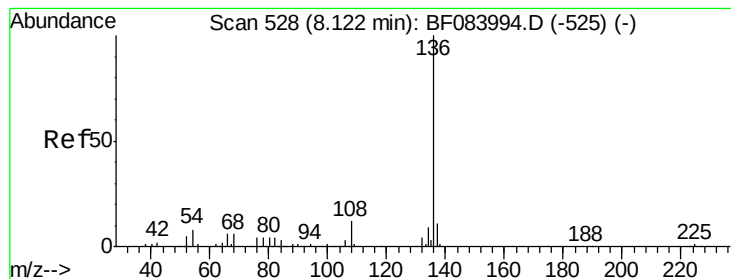
Tot Ion: 70 Resp: 96900
Ion Ratio Lower Upper
70 100
42 52.1 33.3 49.9#
101 8.9 9.3 13.9#
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 36.96 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion: 107 Resp: 157558
Ion Ratio Lower Upper
107 100
108 90.3 64.1 104.1
77 53.1 128.9 168.9#
79 29.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 205833

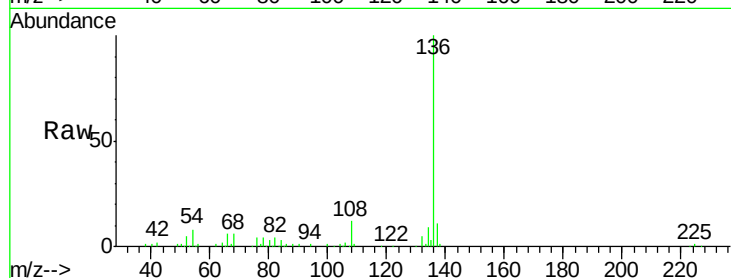
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 5.8 8.8

68 5.6 4.2 6.2

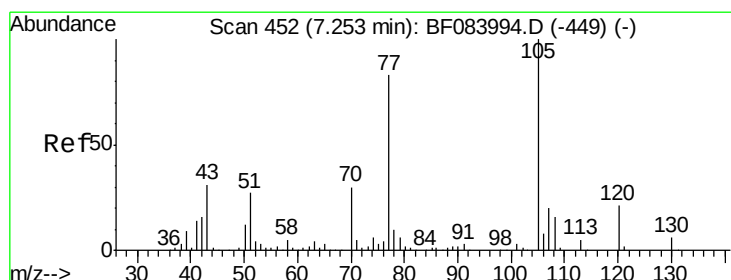
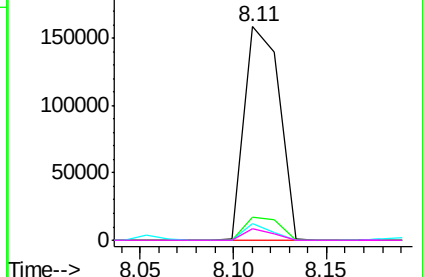
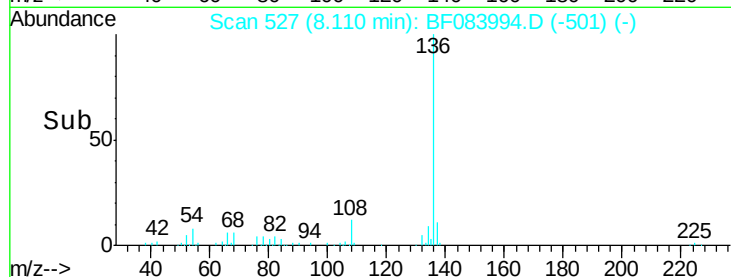


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.15 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Tgt Ion:105 Resp: 211444

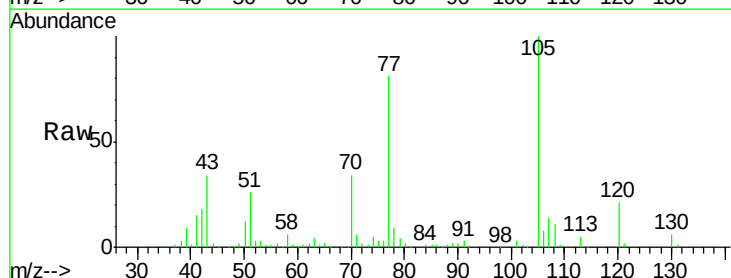
Ion Ratio Lower Upper

105 100

71 5.6 3.7 5.5#

51 25.9 25.1 37.7

120 20.8 16.6 25.0

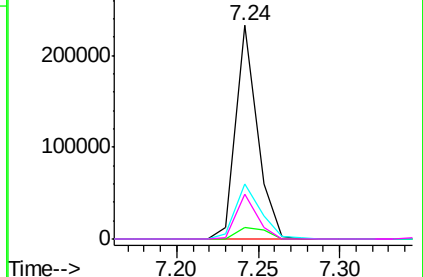
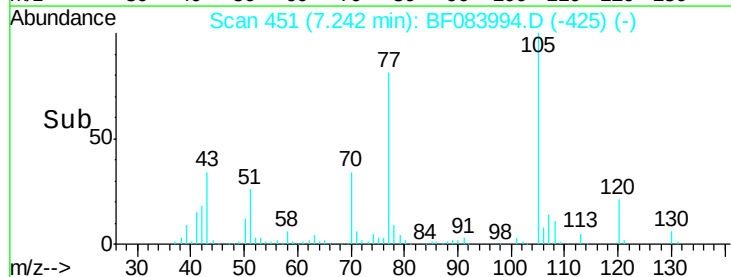


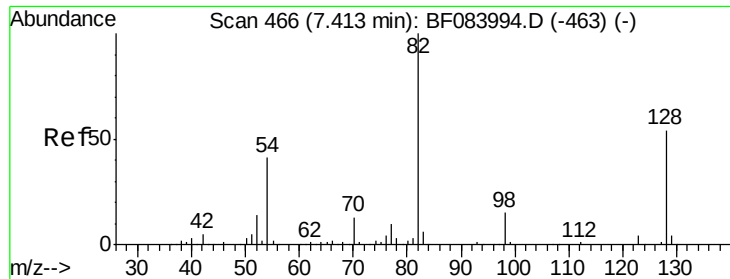
Abundance Ion 105.00 (104.70 to 105.70): E

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

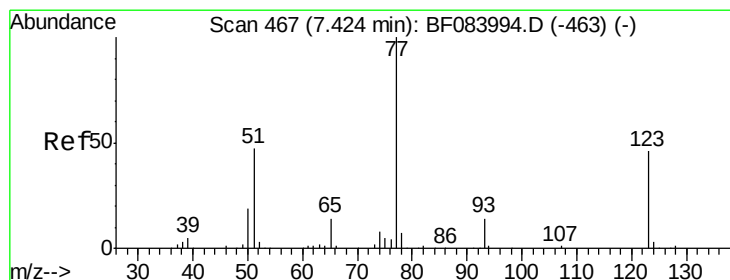
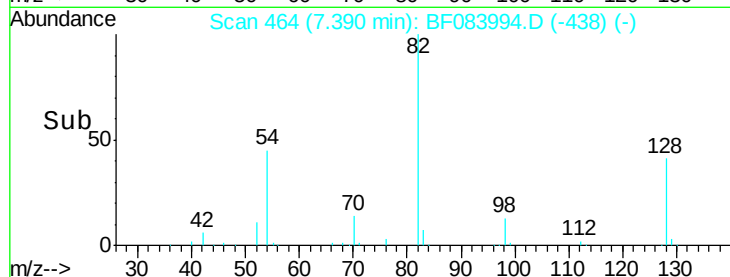
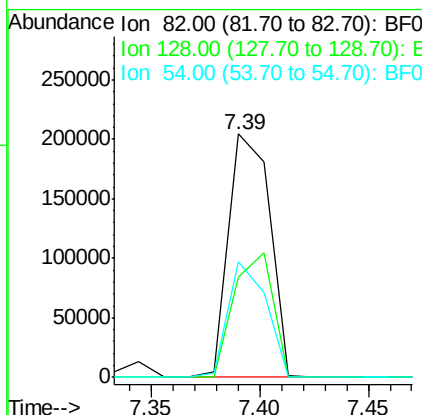
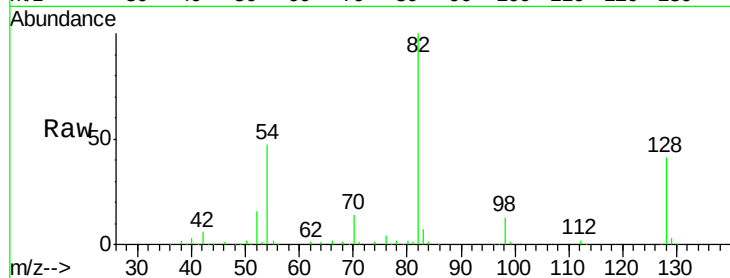




#23
 Nitrobenzene-d5
 Concen: 40.08 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

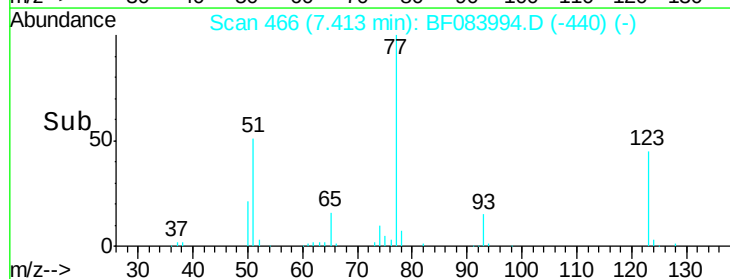
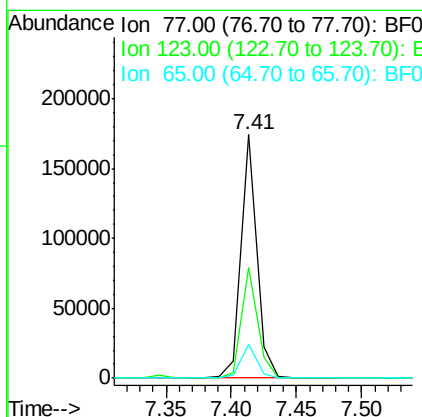
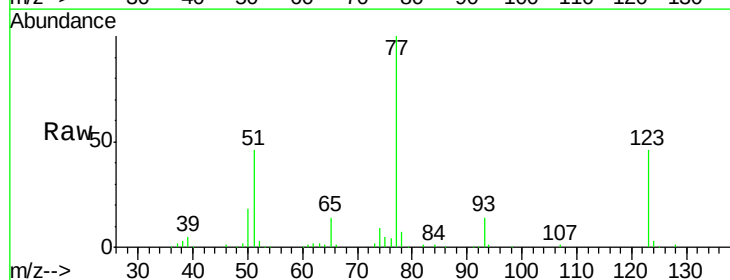
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

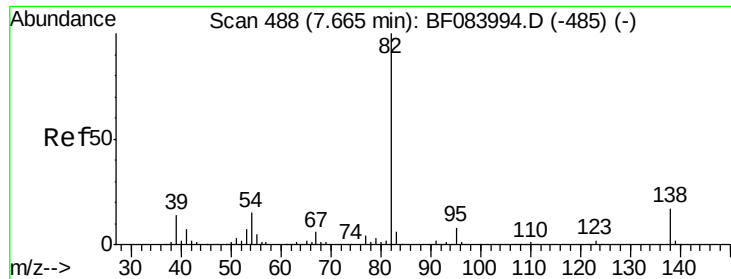
Tot Ion	82	Resp	268467
Ion Ratio	100	Lower	Upper
128	41.3	34.6	51.8
54	47.3	38.4	57.6



#24
 Nitrobenzene
 Concen: 41.44 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion	77	Resp	145305
Ion Ratio	100	Lower	Upper
123	45.6	37.4	56.2
65	13.8	10.9	16.3





#25

Isophorone

Concen: 42.44 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

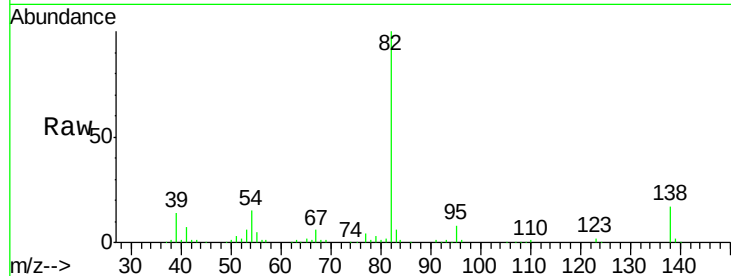
Tot Ion: 82 Resp: 270321

Ion Ratio Lower Upper

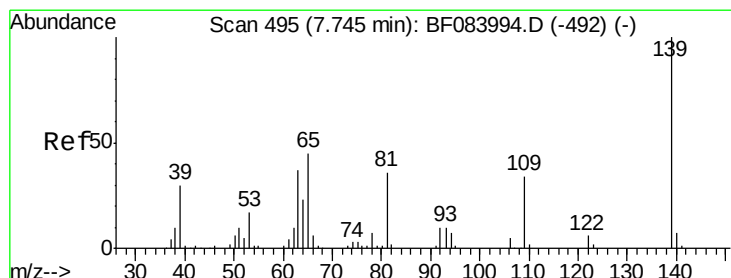
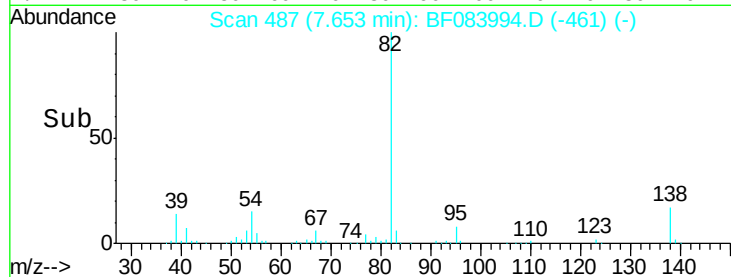
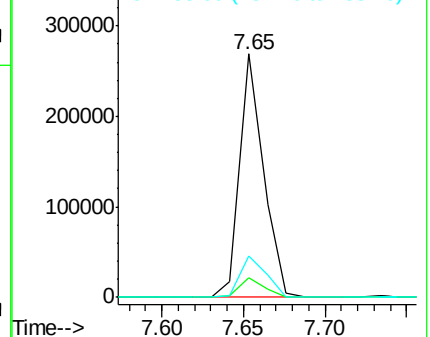
82 100

95 8.1 6.6 10.0

138 17.2 13.6 20.4



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: 47.21 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

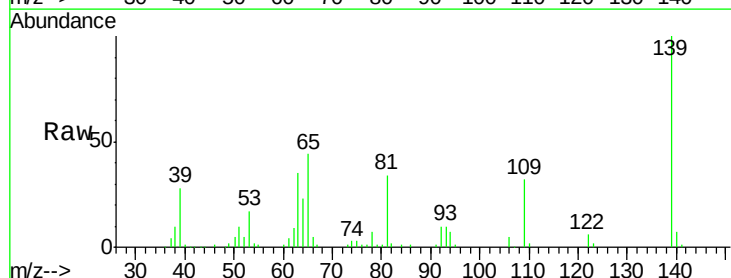
Tgt Ion: 139 Resp: 88928

Ion Ratio Lower Upper

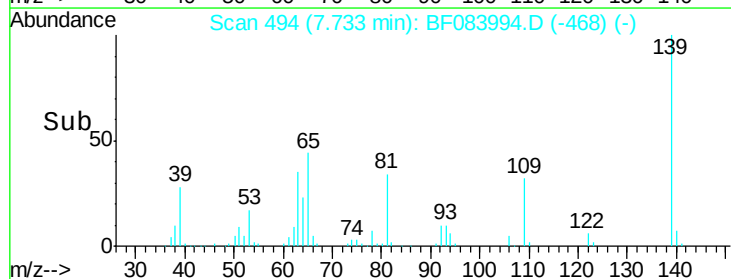
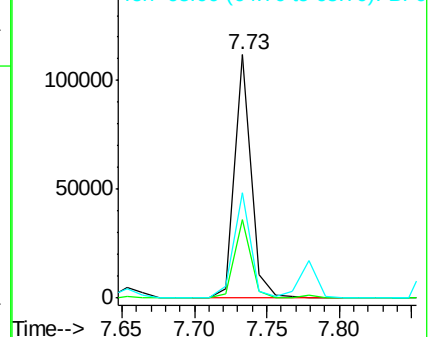
139 100

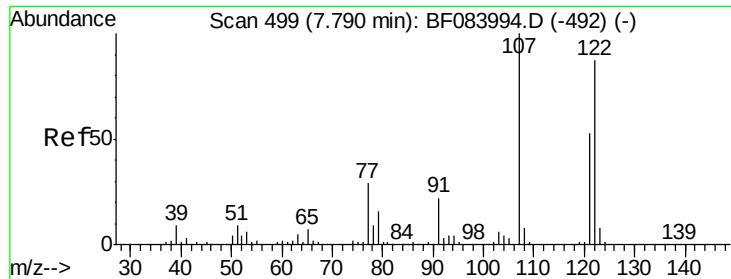
109 32.4 25.4 38.2

65 43.5 32.3 48.5



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

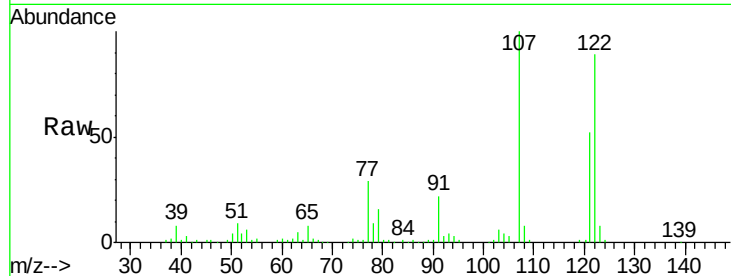




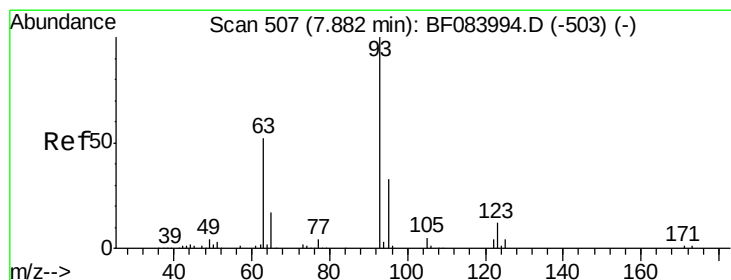
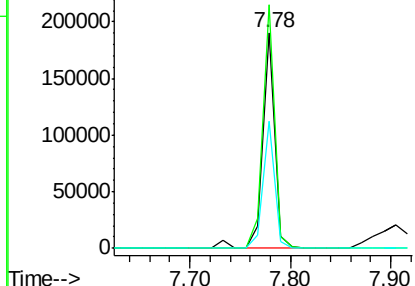
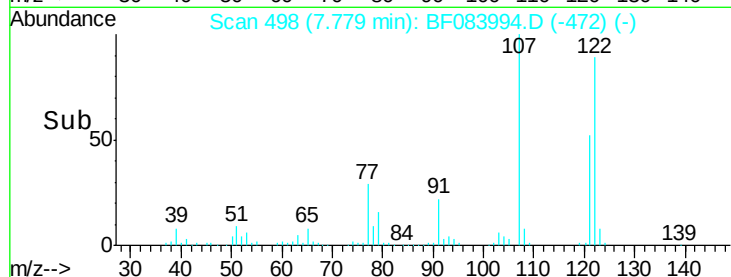
#27
 2,4-Dimethylphenol
 Concen: 46.87 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:122 Resp: 158596
 Ion Ratio Lower Upper
 122 100
 107 113.0 99.1 148.7
 121 58.8 47.9 71.9

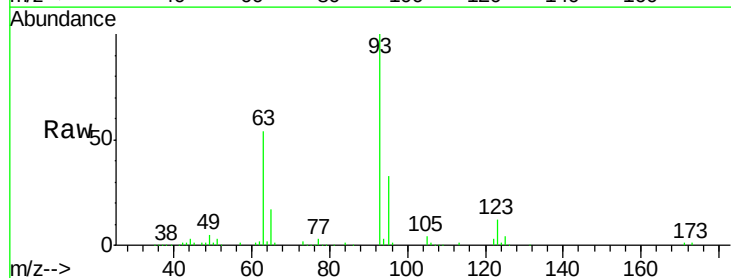


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

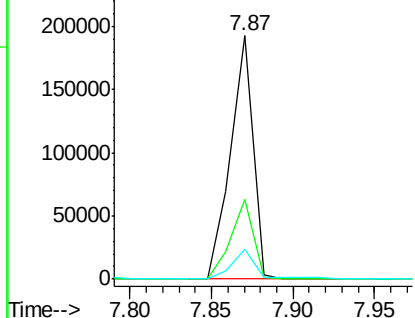
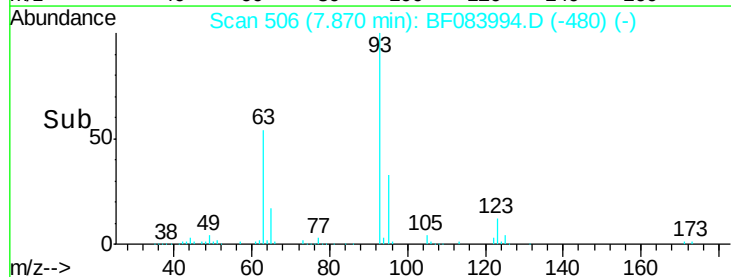


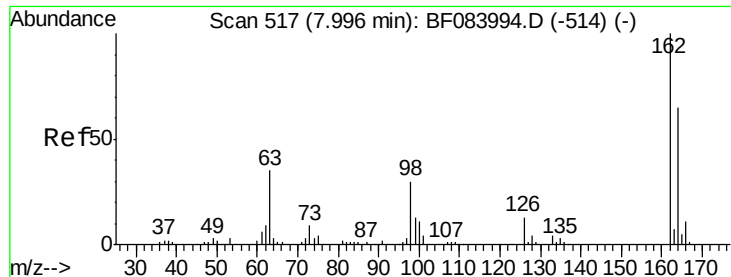
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.65 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion: 93 Resp: 181910
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 12.1 8.6 12.8



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

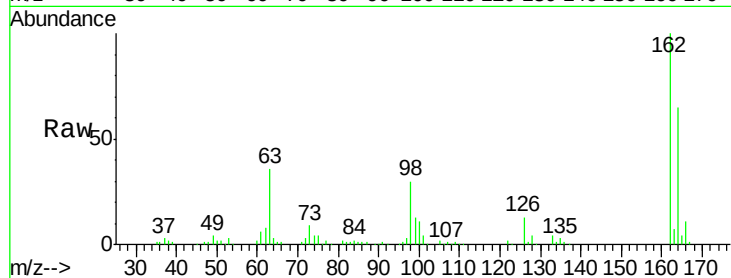




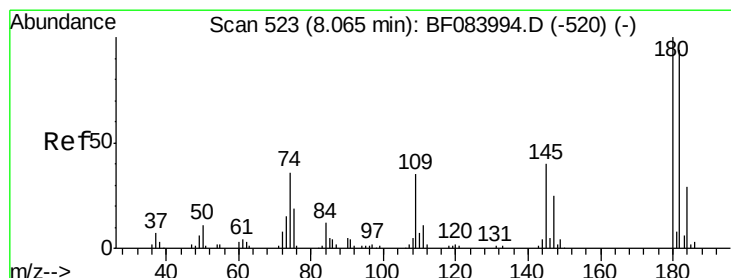
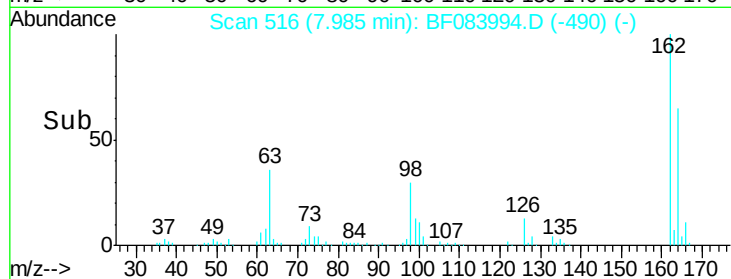
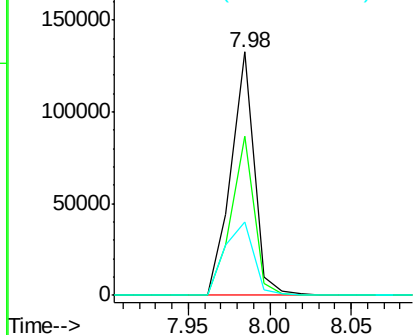
#29
 2,4-Dichlorophenol
 Concen: 44.53 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	30.4	20.2	60.2

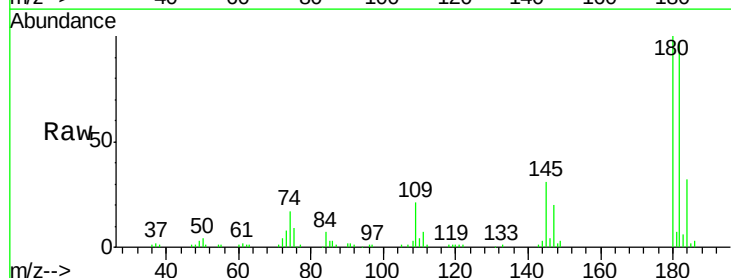


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

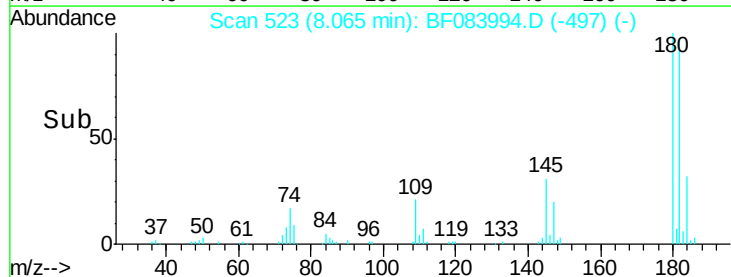
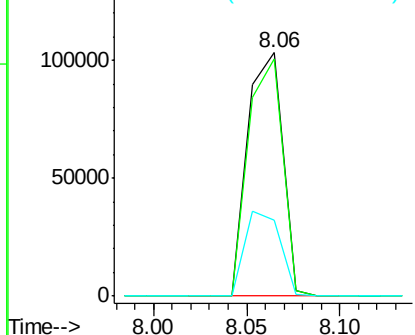


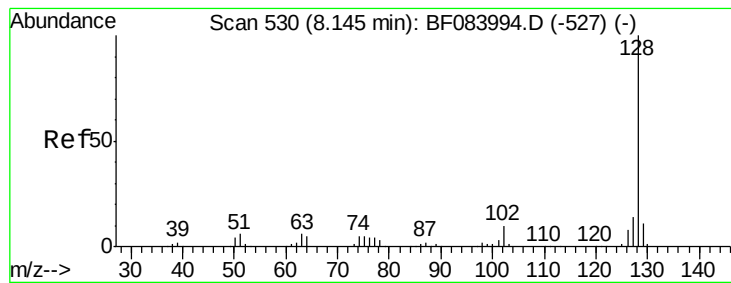
#30
 1,2,4-Trichlorobenzene
 Concen: 44.20 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.4	114.6
145	31.0	31.6	47.4



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





#31

Naphthalene

Concen: 38.55 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

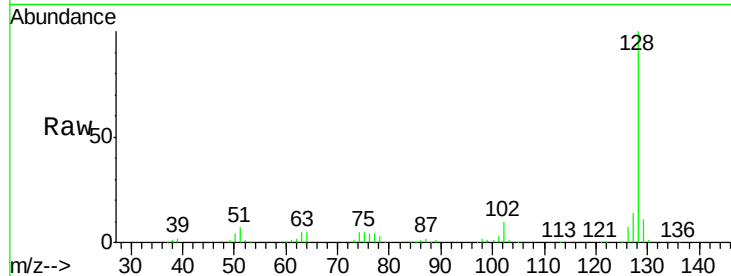
Tot Ion:128 Resp: 422222

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

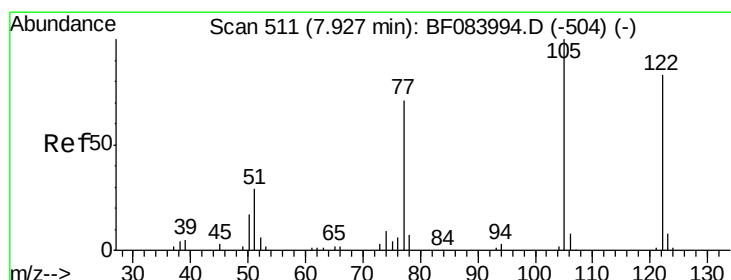
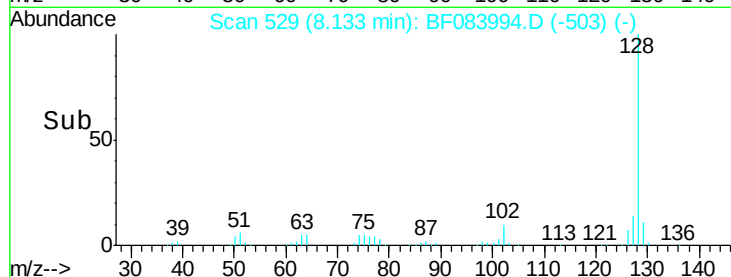
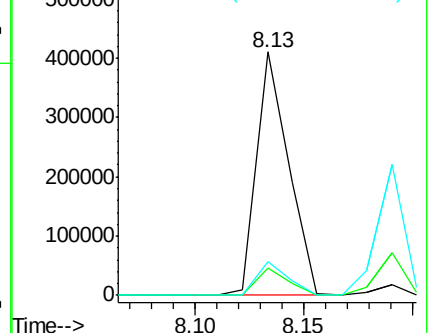
127 13.7 11.1 16.7



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: 61.73 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

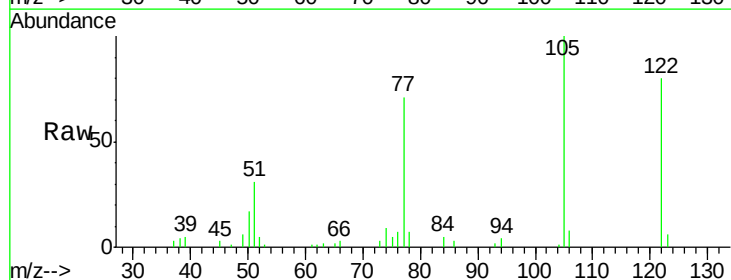
Tgt Ion:122 Resp: 63147

Ion Ratio Lower Upper

122 100

105 125.4 100.3 140.3

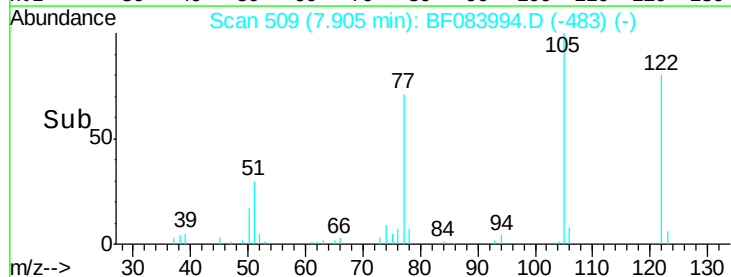
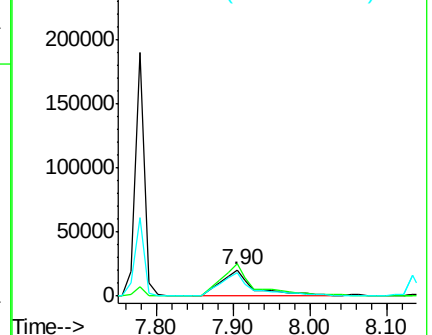
77 89.4 63.5 103.5

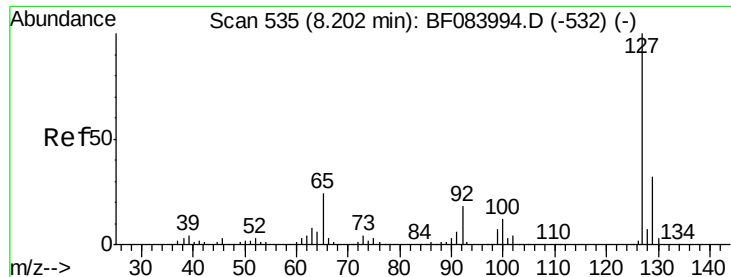


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

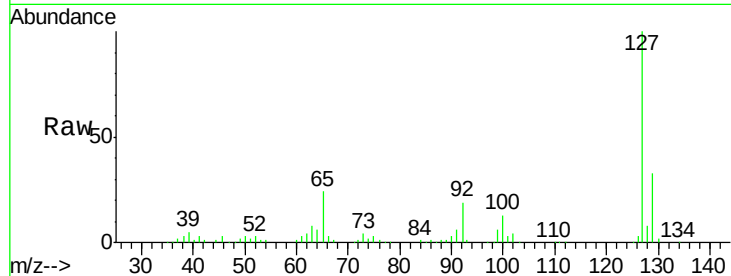




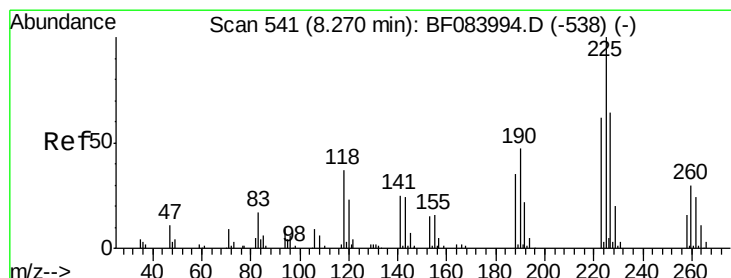
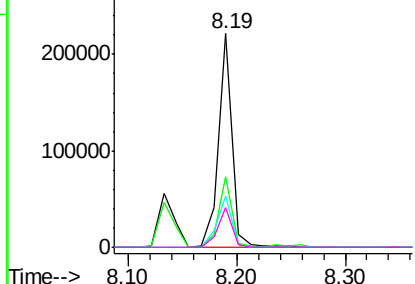
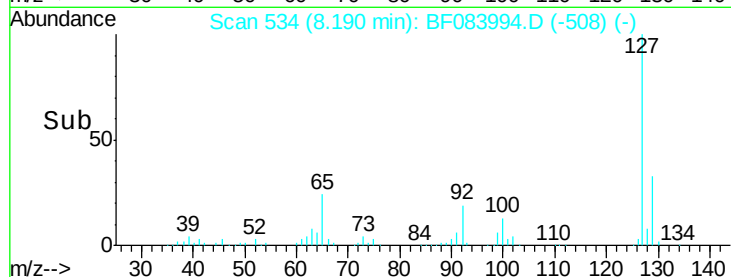
#33
4-Chloroaniline
Concen: 44.04 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	127	Resp:	195091
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	24.1	27.2	40.8
92	18.9	17.7	26.5

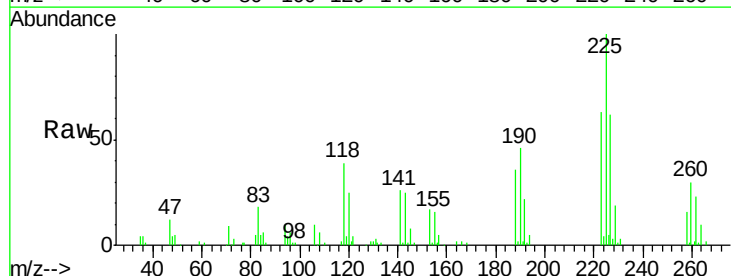


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

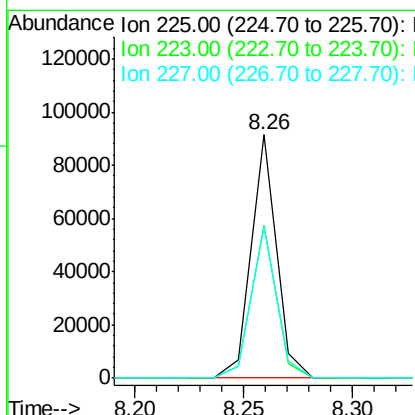
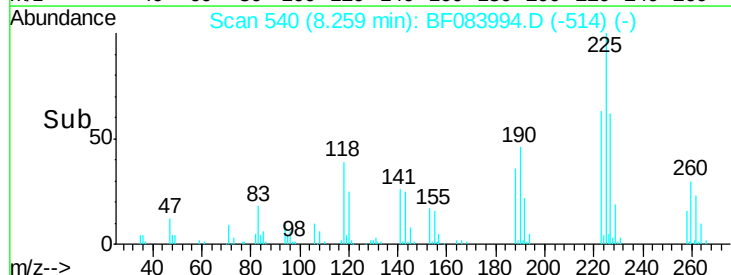


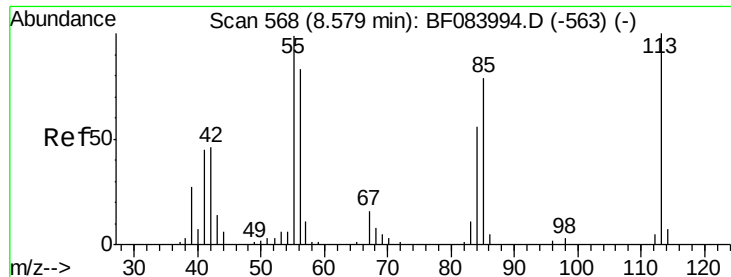
#34
Hexachlorobutadiene
Concen: 39.26 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion:	225	Resp:	73929
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	62.0	50.8	76.2



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

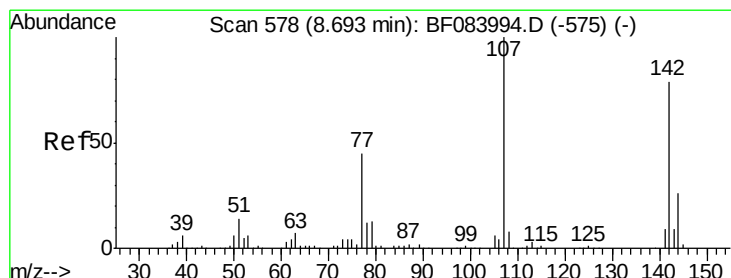
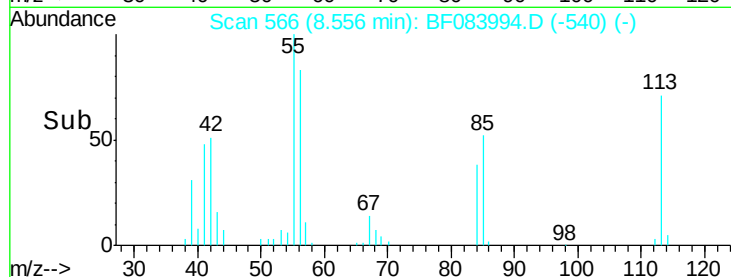
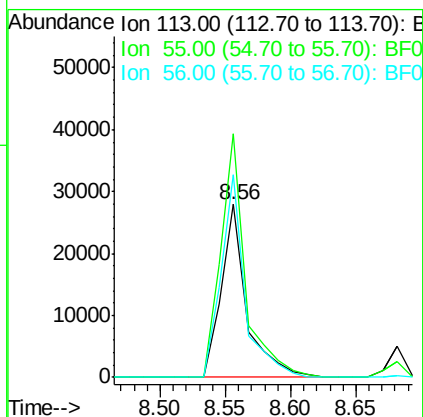
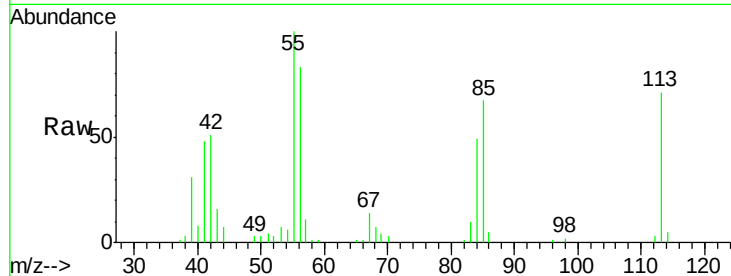




#35
 Caprolactam
 Concen: 44.40 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

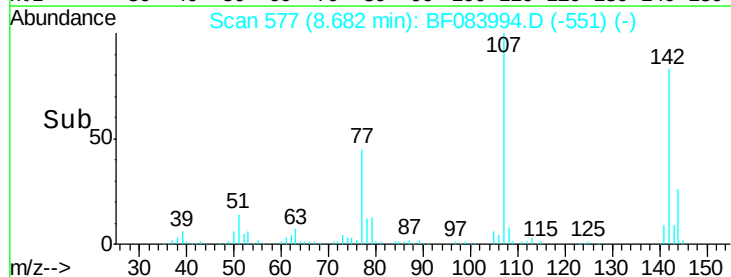
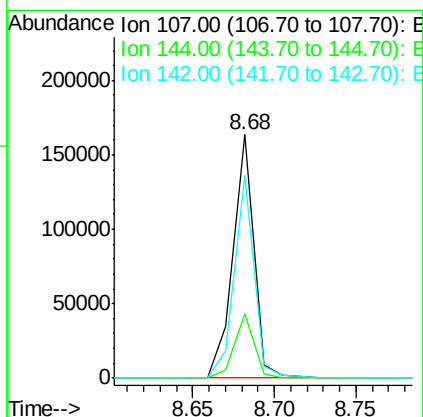
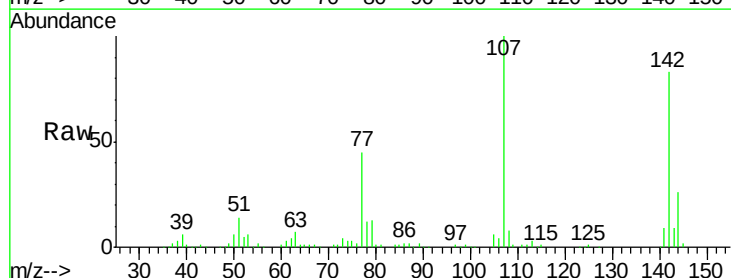
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

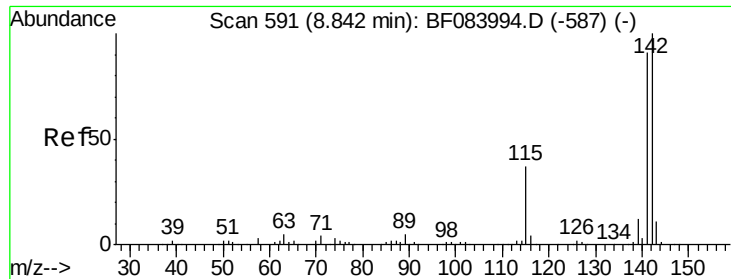
Tot Ion:113 Resp: 37588
 Ion Ratio Lower Upper
 113 100
 55 140.9 116.9 156.9
 56 117.1 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.46 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:107 Resp: 144572
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.7 29.5
 142 83.1 61.8 92.6

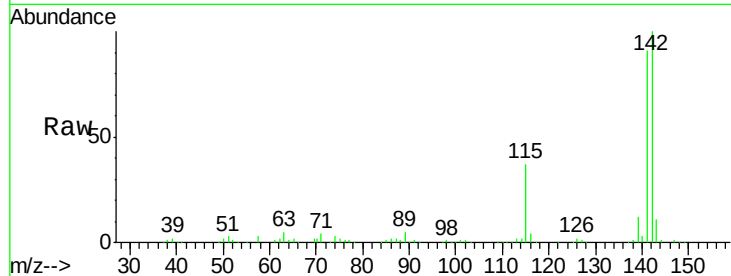




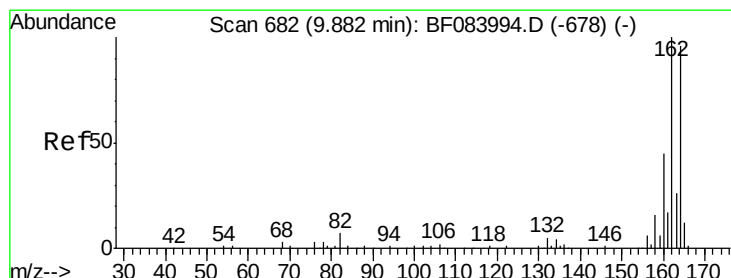
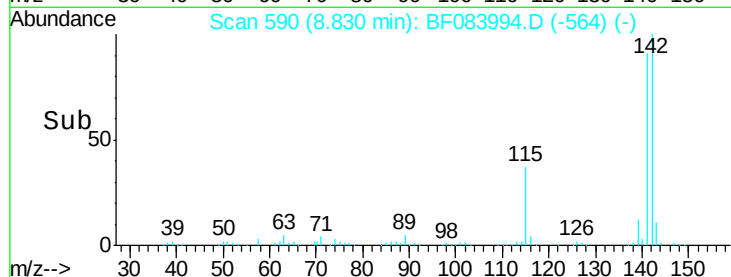
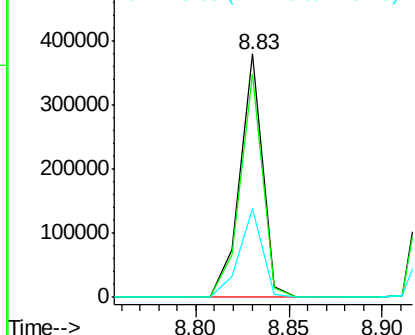
#37
2-Methylnaphthalene
Concen: 46.03 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.4	108.6
115	36.5	27.9	41.9

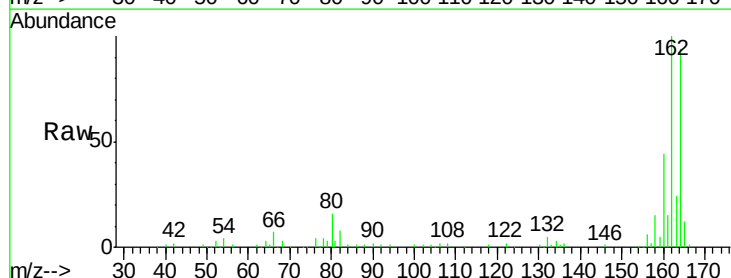


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

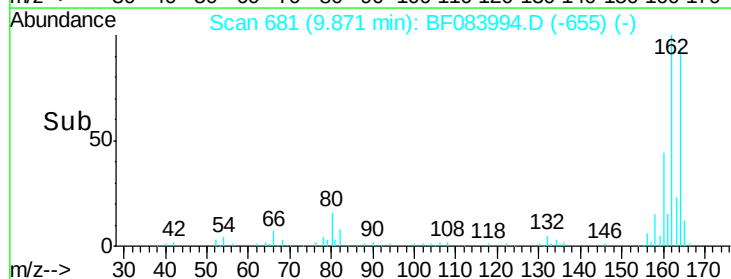
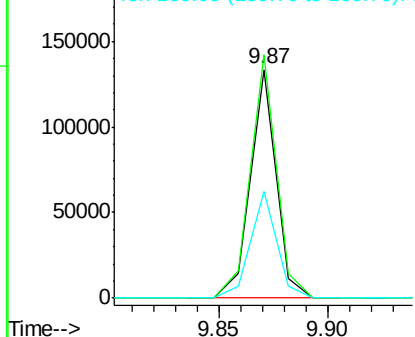


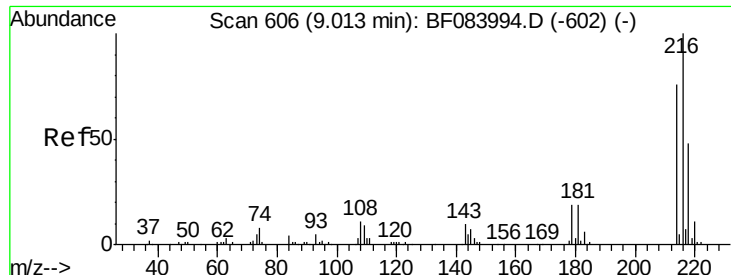
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	46.7	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.50 ng

RT: 9.00 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 139976

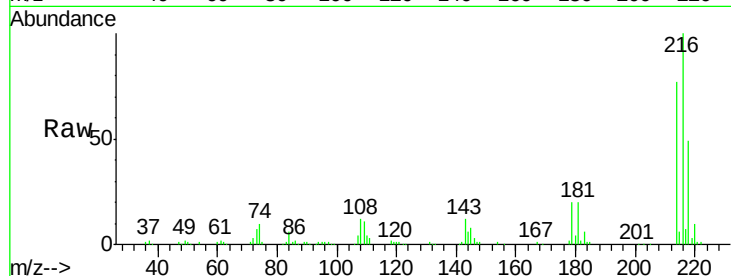
Ion Ratio Lower Upper

216 100

214 77.4 64.2 96.2

179 21.9 18.7 28.1

108 18.0 16.8 25.2

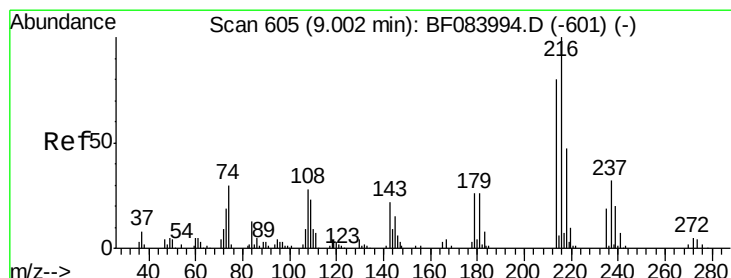
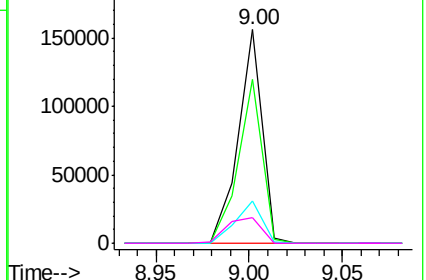
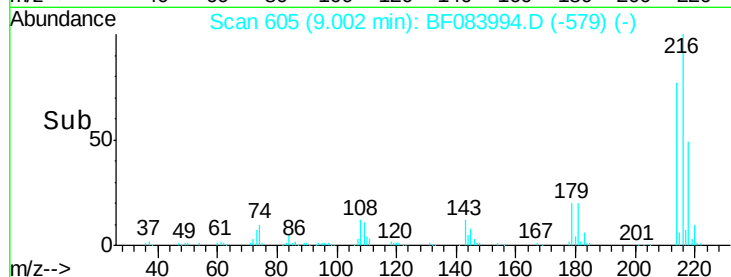


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.48 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

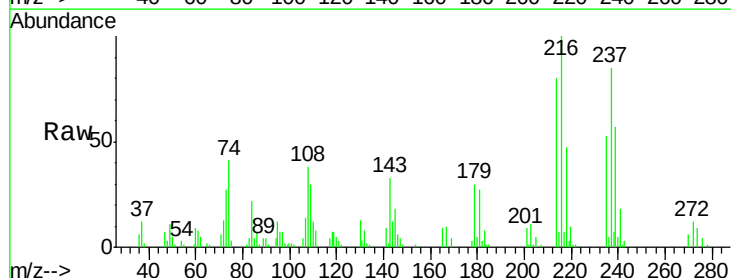
Tgt Ion:237 Resp: 31623

Ion Ratio Lower Upper

237 100

235 62.5 43.1 83.1

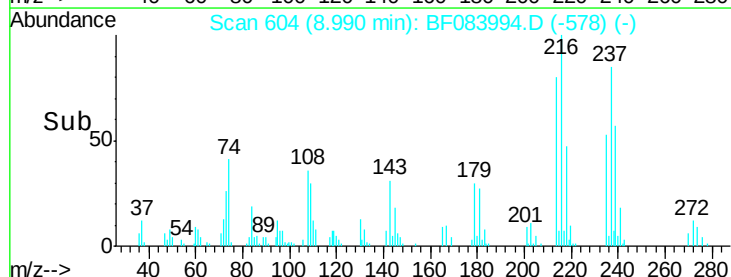
272 14.3 0.0 35.1



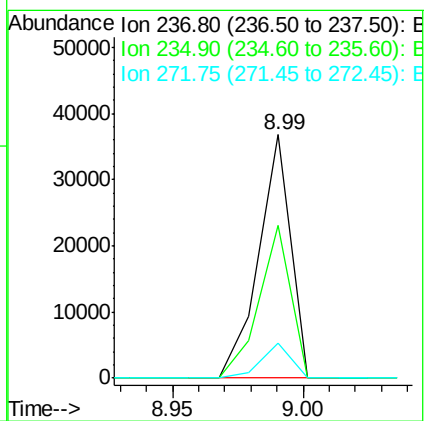
Abundance Ion 236.80 (236.50 to 237.50): E

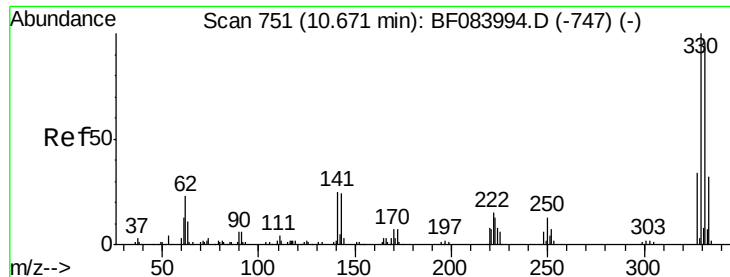
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

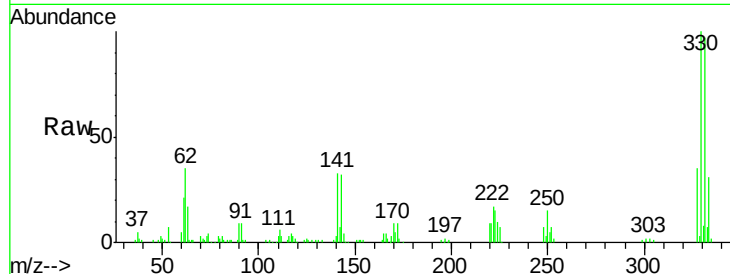




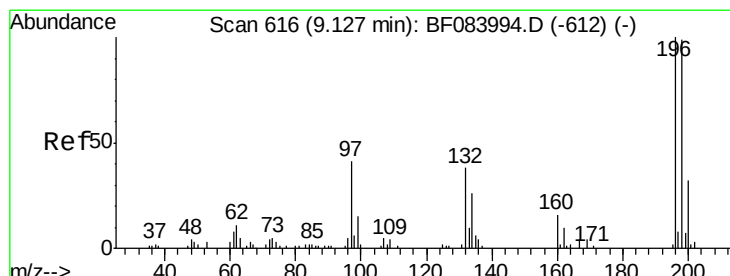
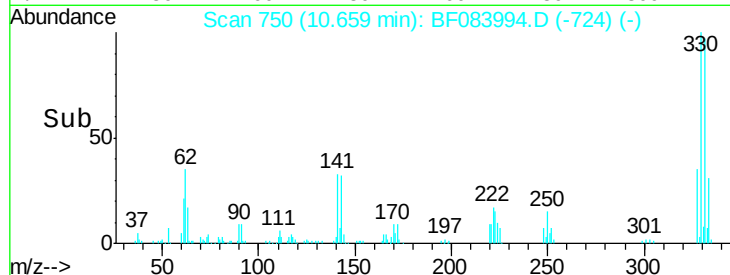
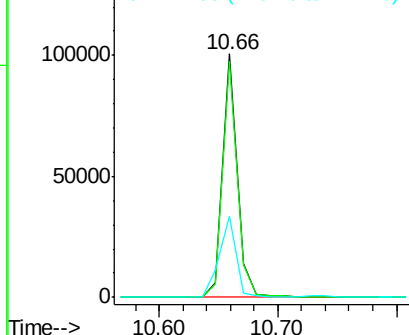
#41
 2,4,6-Tribromophenol
 Concen: 41.87 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:330 Resp: 84949
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 38.2 27.8 41.6

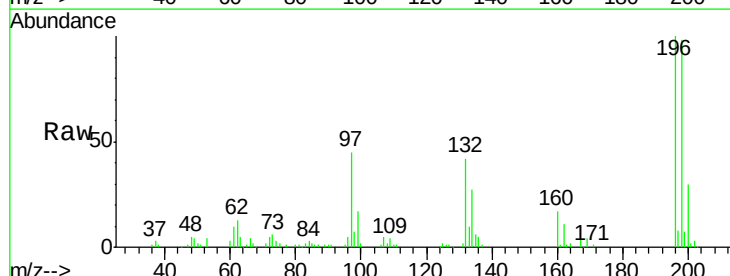


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

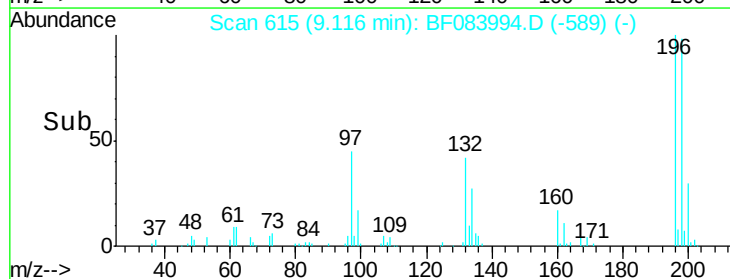
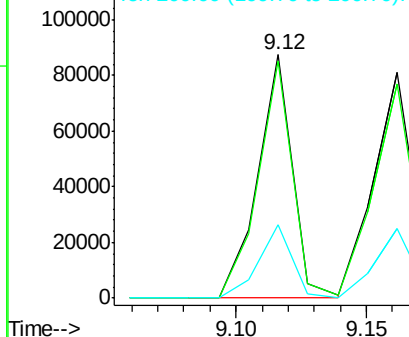


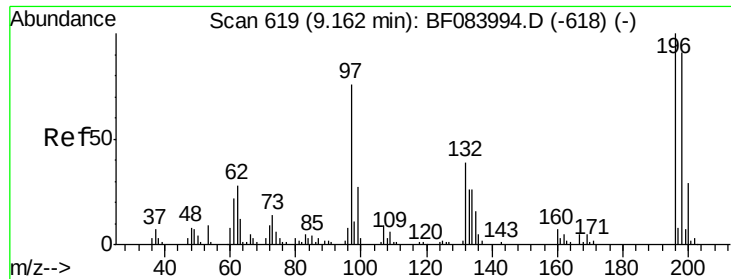
#42
 2,4,6-Trichlorophenol
 Concen: 40.64 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:196 Resp: 81325
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.7 116.5
 200 30.4 24.6 37.0



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

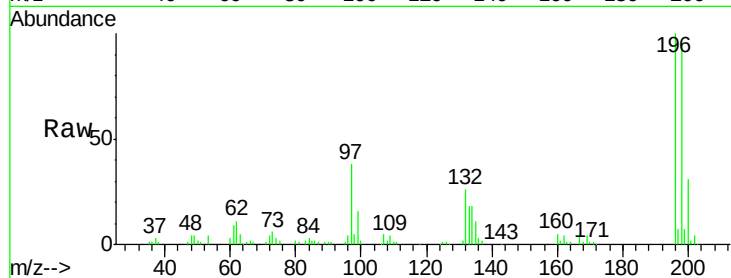




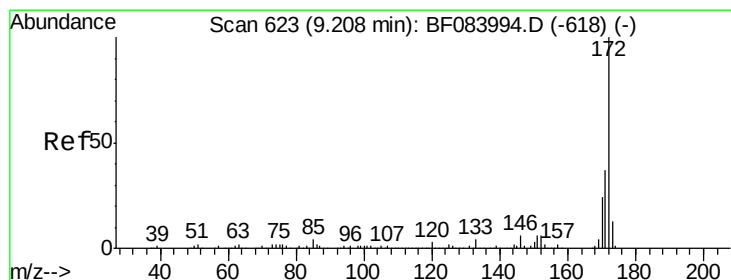
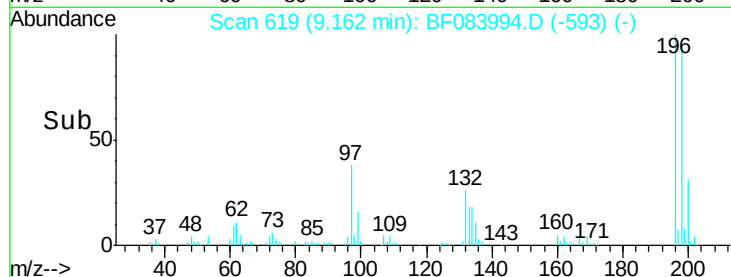
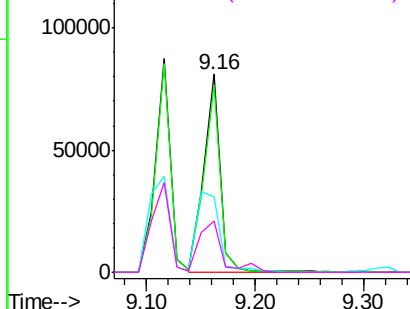
#43
 2,4,5-Trichlorophenol
 Concen: 41.70 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:196 Resp: 86922
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.0 118.6
 97 38.4 33.0 49.6
 132 25.6 21.1 31.7

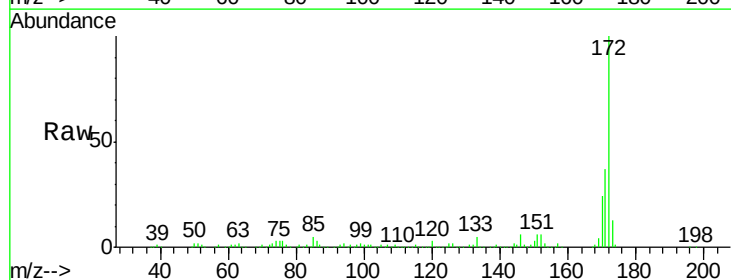


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

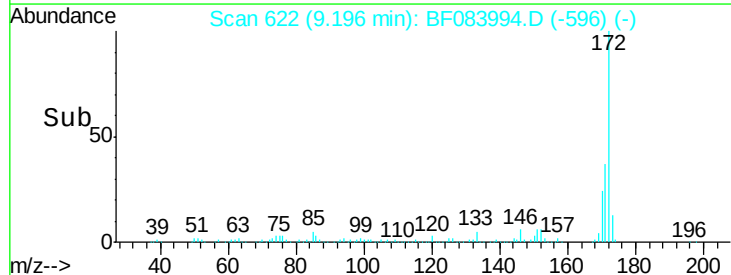
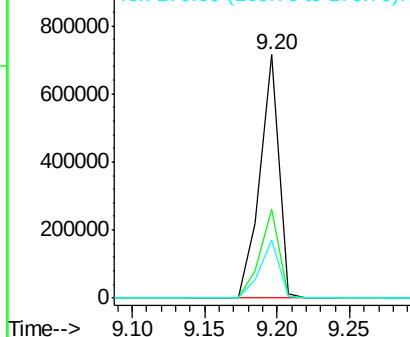


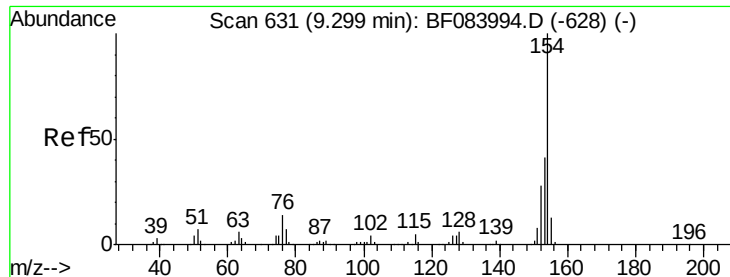
#44
 2-Fluorobiphenyl
 Concen: 38.04 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:172 Resp: 653157
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.7 18.6 27.8



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: 36.97 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

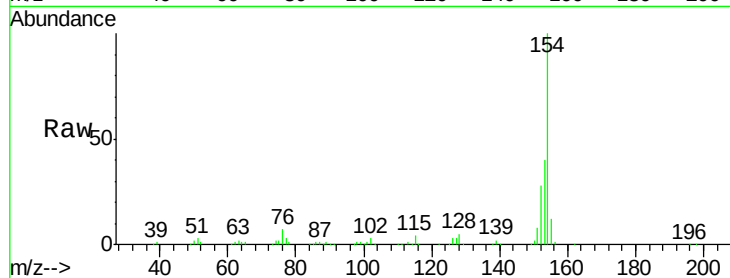
Tot Ion:154 Resp: 377987

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

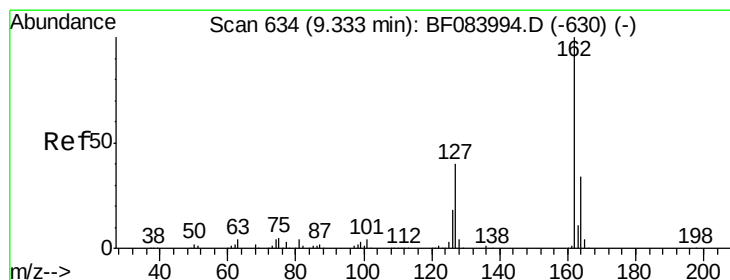
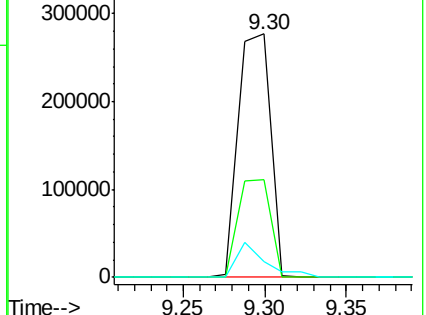
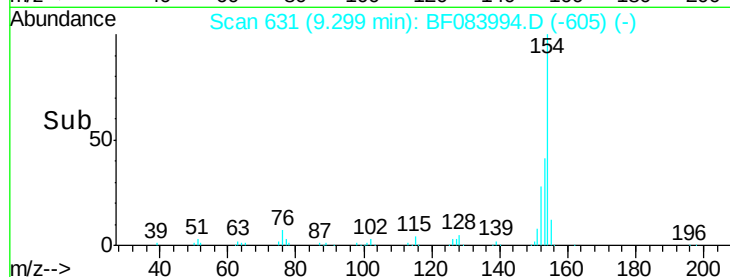
76 6.5 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.48 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

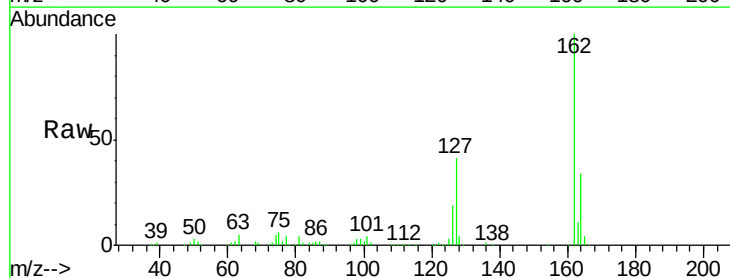
Tgt Ion:162 Resp: 291262

Ion Ratio Lower Upper

162 100

127 40.6 40.2 60.4

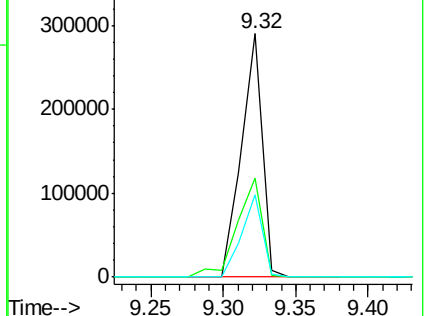
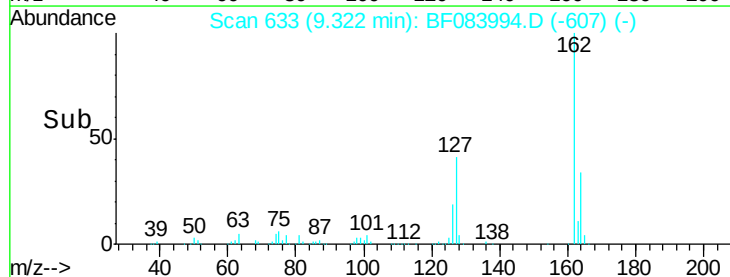
164 33.7 25.7 38.5

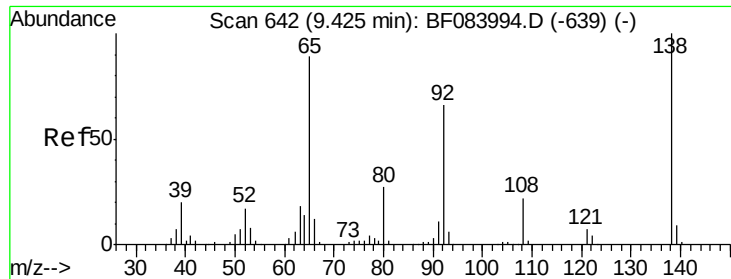


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

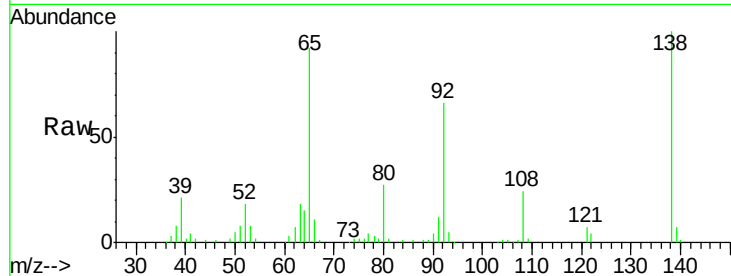




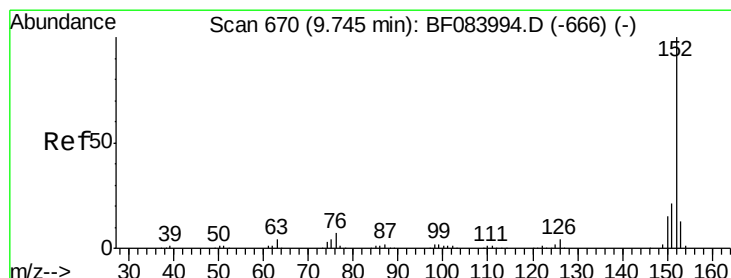
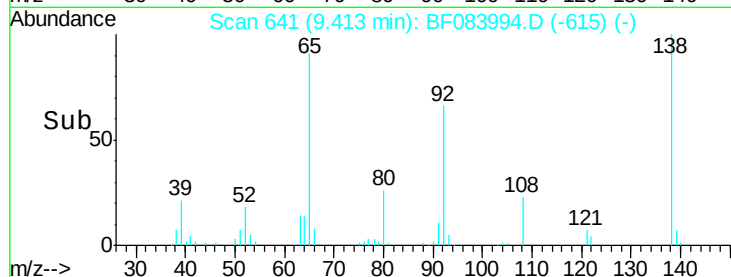
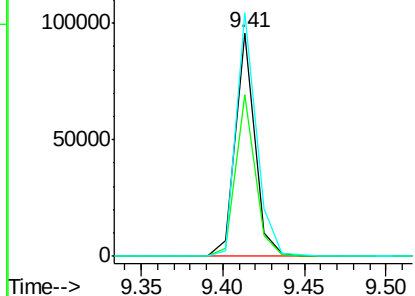
#47
 2-Nitroaniline
 Concen: 40.00 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion: 65 Resp: 77989
 Ion Ratio Lower Upper
 65 100
 92 72.2 53.4 80.2
 138 108.9 71.1 106.7#

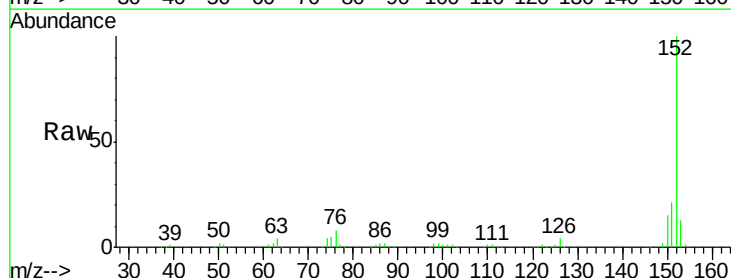


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

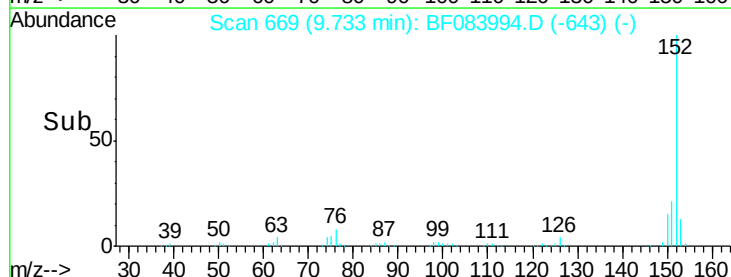
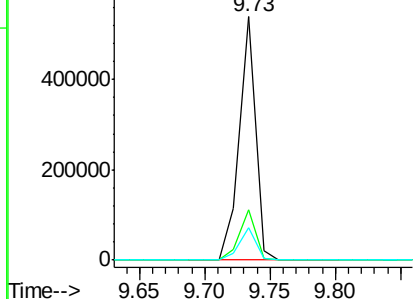


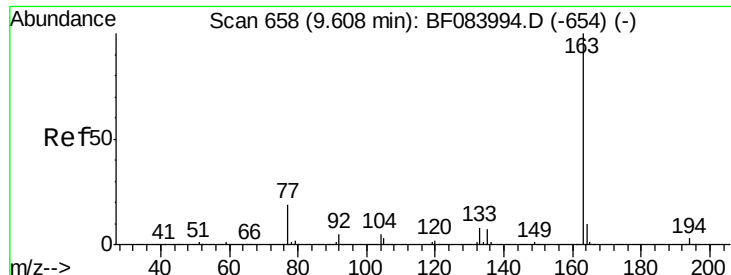
#48
 Acenaphthylene
 Concen: 40.76 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion: 152 Resp: 463184
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

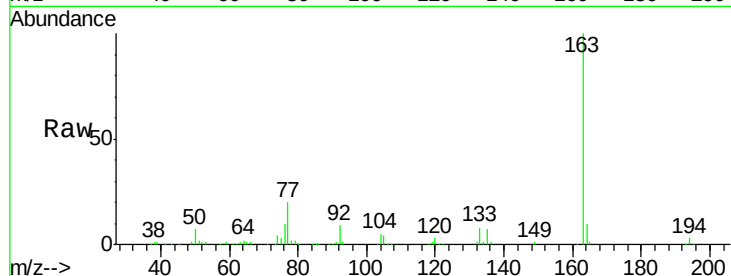




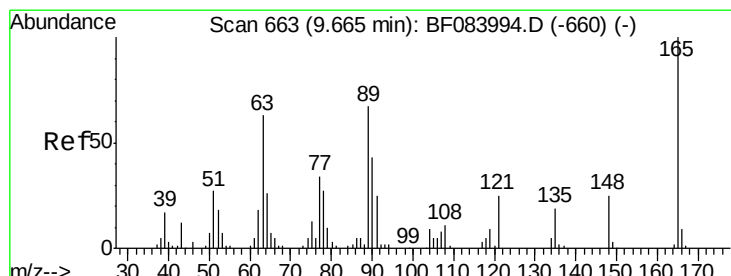
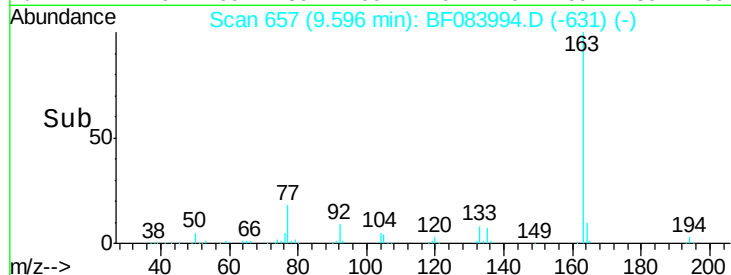
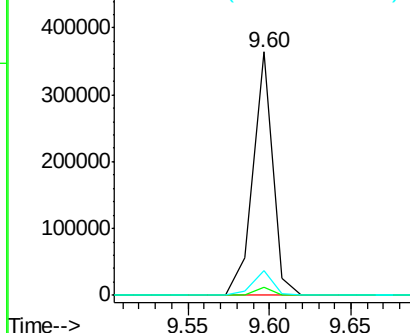
#49
Dimethylphthalate
Concen: 33.87 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.3	8.0	12.0

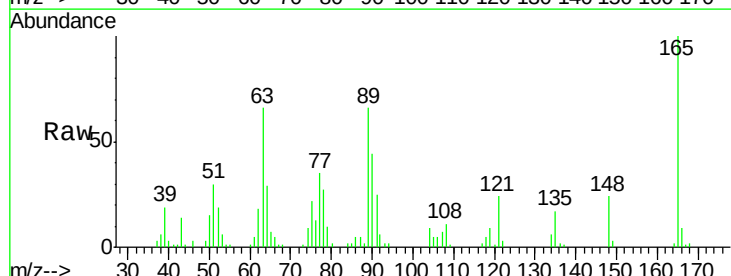


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

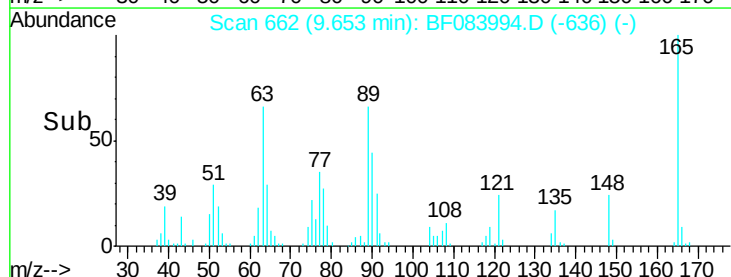
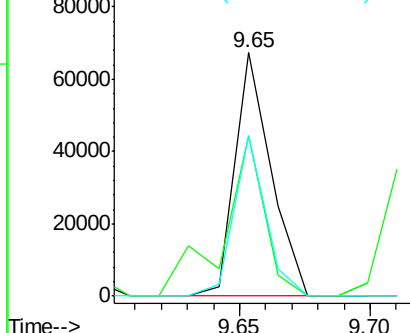


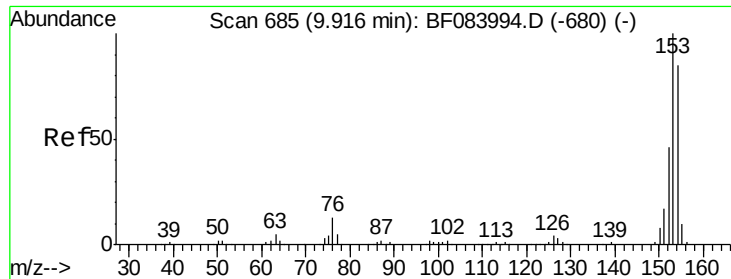
#50
2,6-Dinitrotoluene
Concen: 34.56 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.7	28.8	43.2#
89	65.8	35.1	52.7#



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





#51

Acenaphthene

Concen: 40.12 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

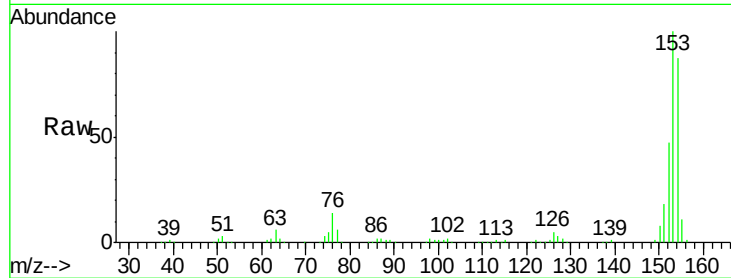
Tot Ion:154 Resp: 269025

Ion Ratio Lower Upper

154 100

153 115.4 91.5 137.3

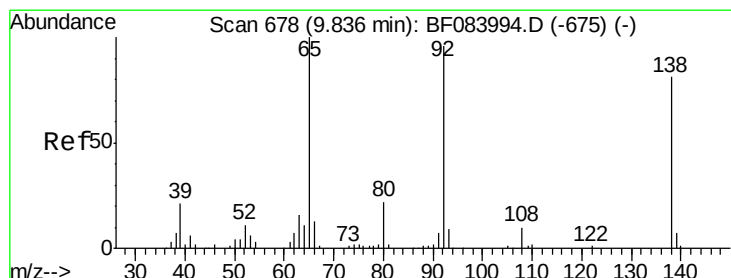
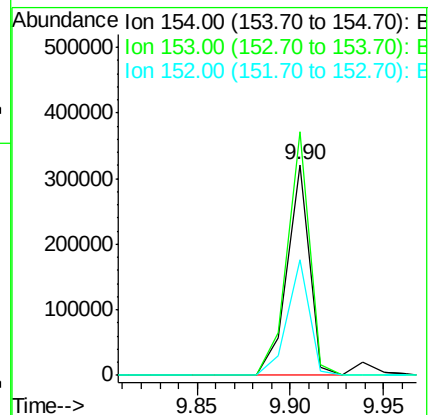
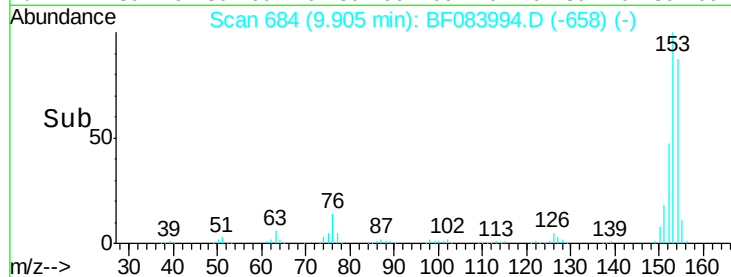
152 54.6 43.0 64.6



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: 39.53 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

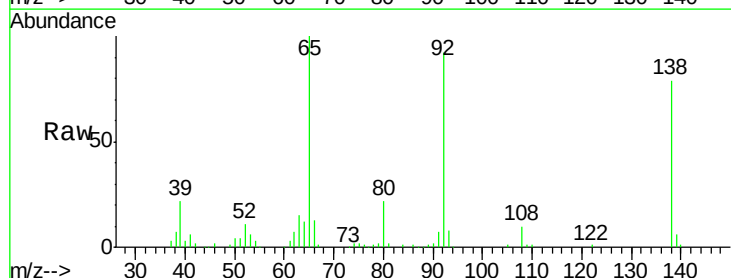
Tgt Ion:138 Resp: 75619

Ion Ratio Lower Upper

138 100

108 12.5 10.5 15.7

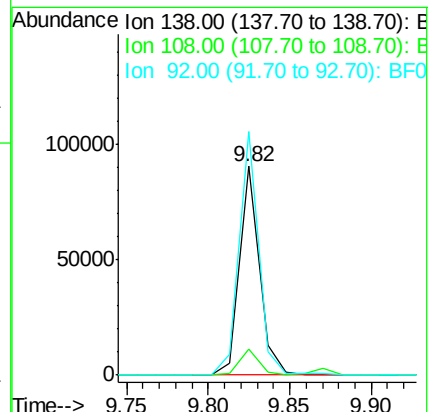
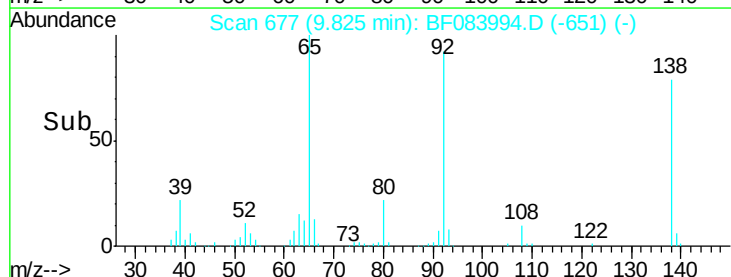
92 116.7 103.9 155.9

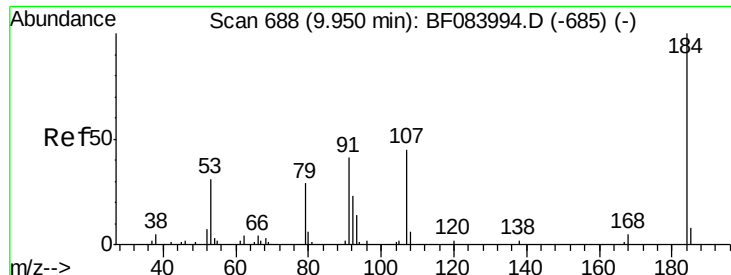


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

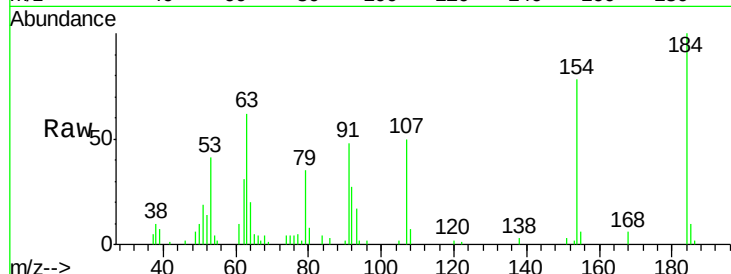




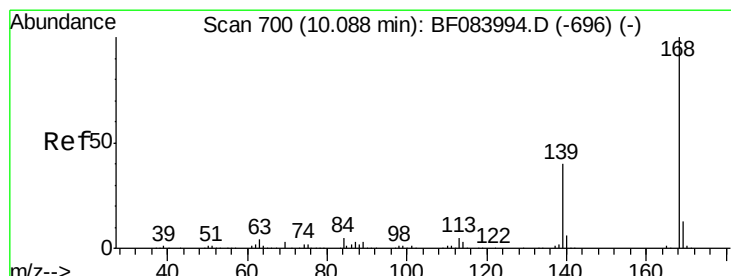
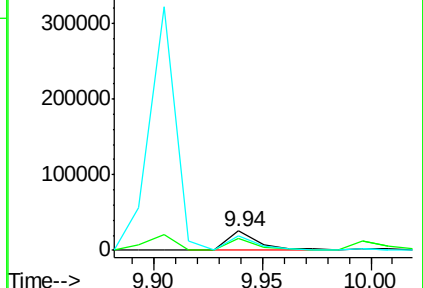
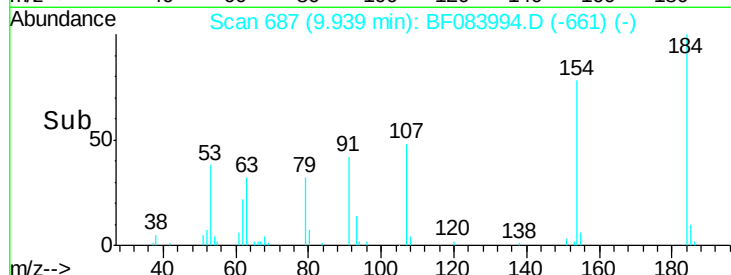
#53
 2,4-Dinitrophenol
 Concen: 49.91 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:184 Resp: 26210
 Ion Ratio Lower Upper
 184 100
 63 62.4 43.1 64.7
 154 77.9 60.5 90.7

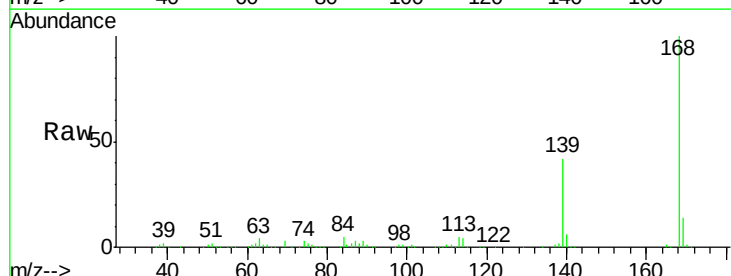


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

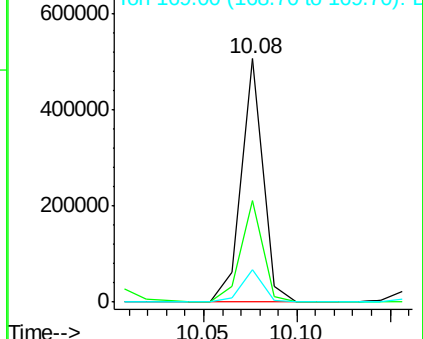
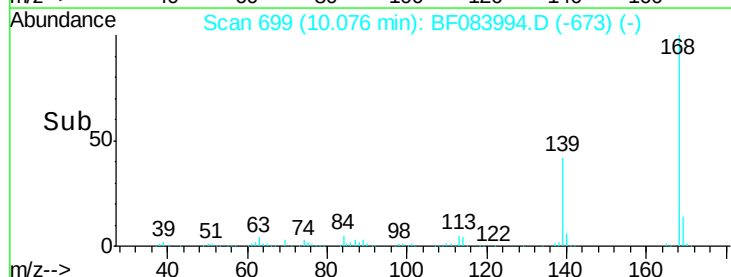


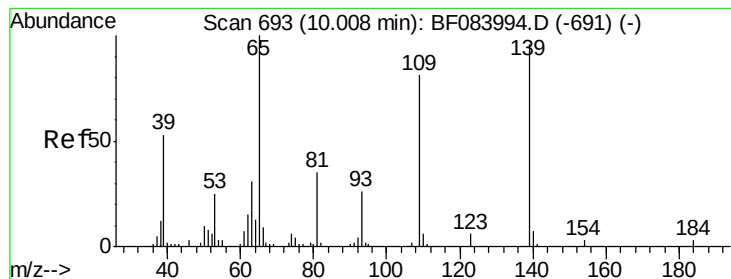
#54
 Dibenzofuran
 Concen: 39.20 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:168 Resp: 412465
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.5 45.7
 169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.43 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

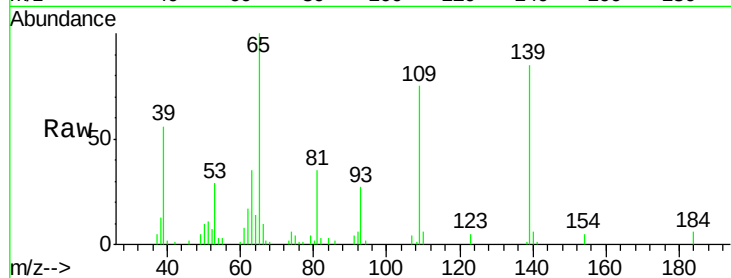
Tot Ion:139 Resp: 46241

Ion Ratio Lower Upper

139 100

109 88.7 58.5 98.5

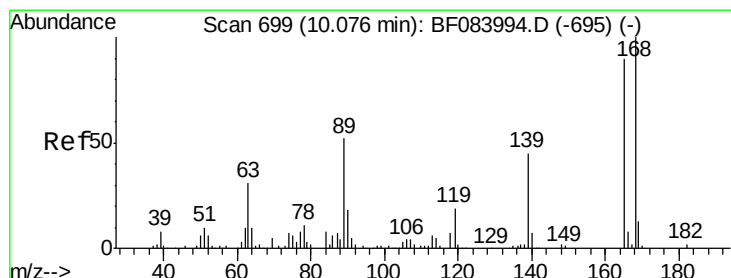
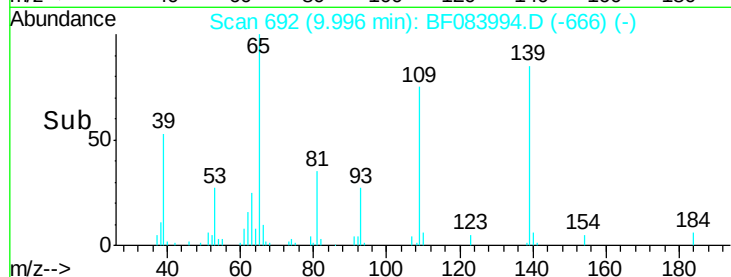
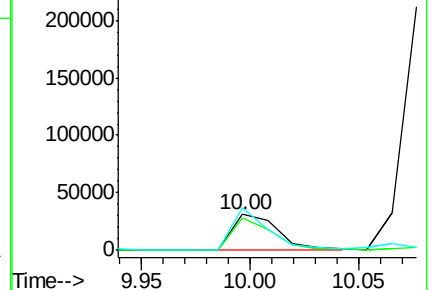
65 117.8 57.6 97.6#



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: 45.04 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Tgt Ion:165 Resp: 102058

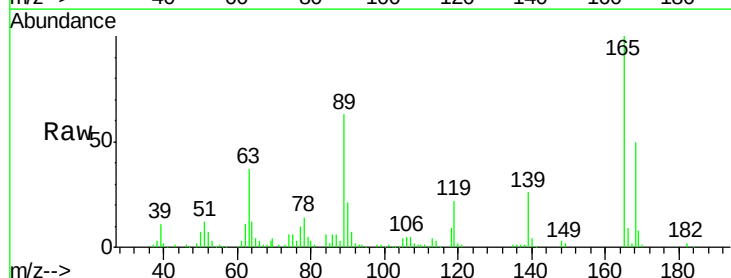
Ion Ratio Lower Upper

165 100

63 37.2 36.7 55.1

89 62.8 61.9 92.9

182 2.4 2.0 3.0

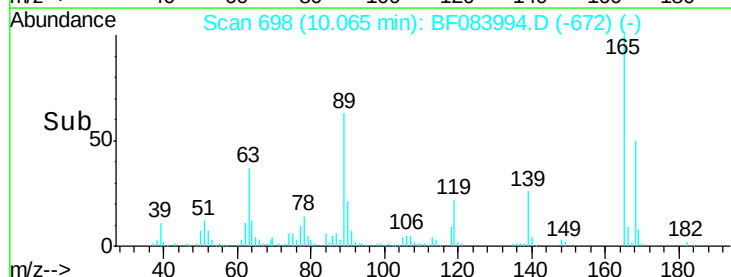
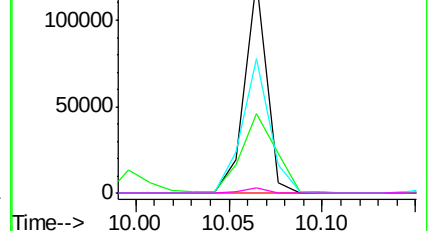


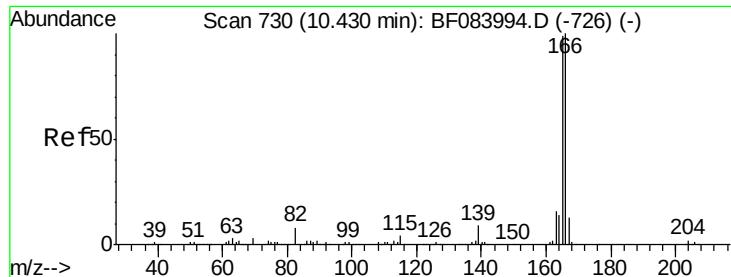
Abundance Ion 165.00 (164.70 to 165.70): E

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

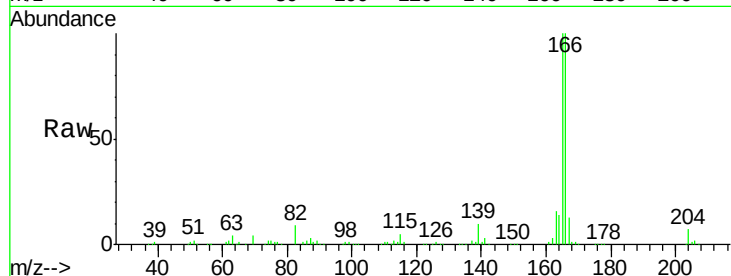




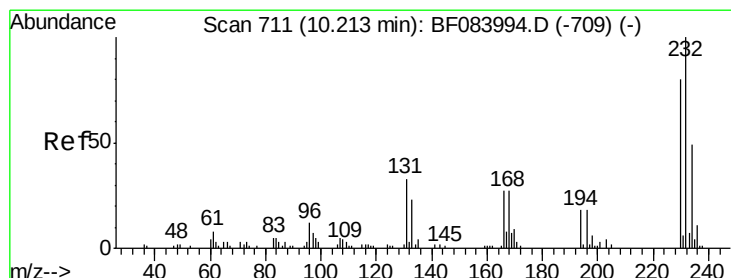
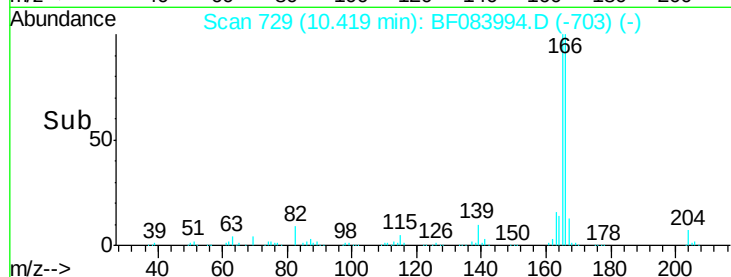
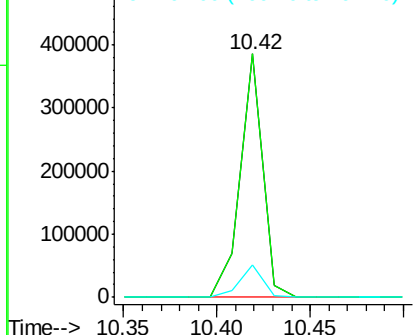
#57
 Fluorene
 Concen: 39.49 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:166 Resp: 325470
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.1 118.7
 167 13.4 10.4 15.6

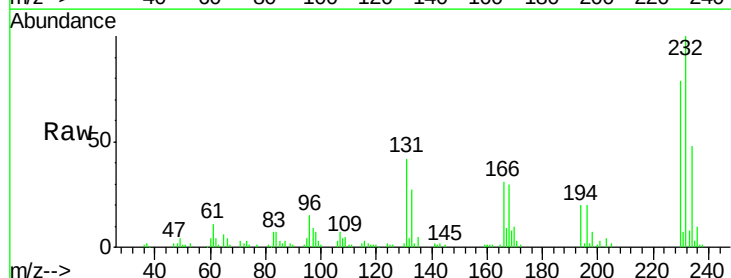


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

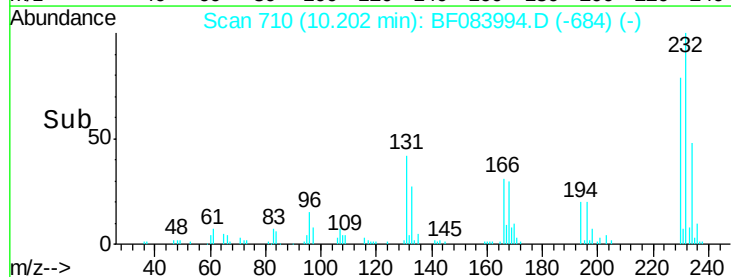
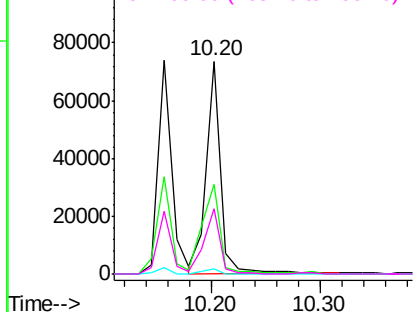


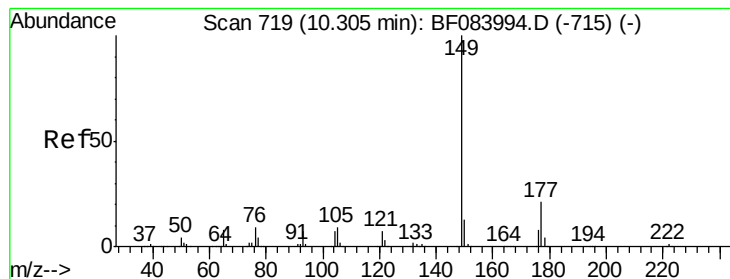
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.21 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:232 Resp: 67939
 Ion Ratio Lower Upper
 232 100
 131 53.2 47.0 70.6
 130 2.6 2.0 3.0
 166 34.2 30.5 45.7



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





#59

Diethylphthalate

Concen: 37.38 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

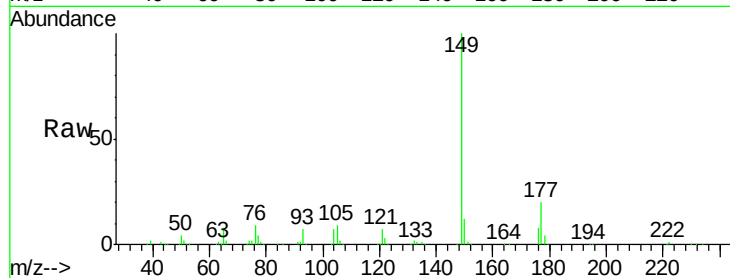
Tot Ion:149 Resp: 322863

Ion Ratio Lower Upper

149 100

177 19.9 17.3 25.9

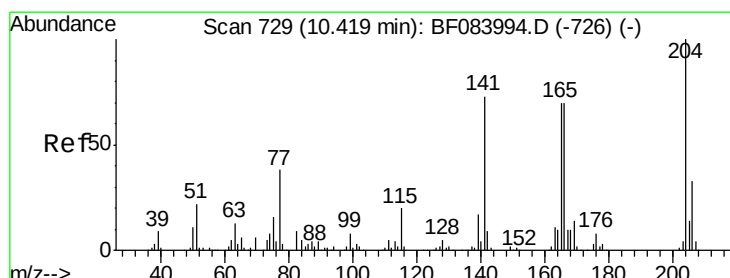
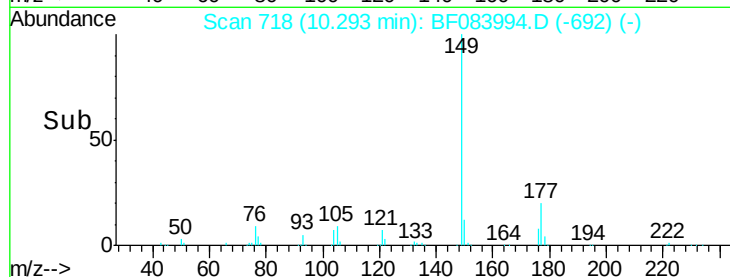
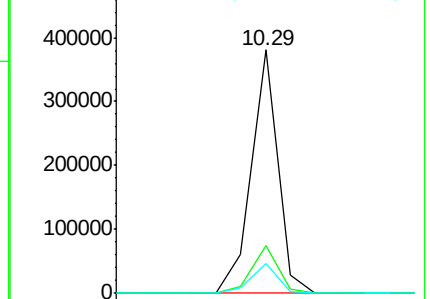
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.76 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

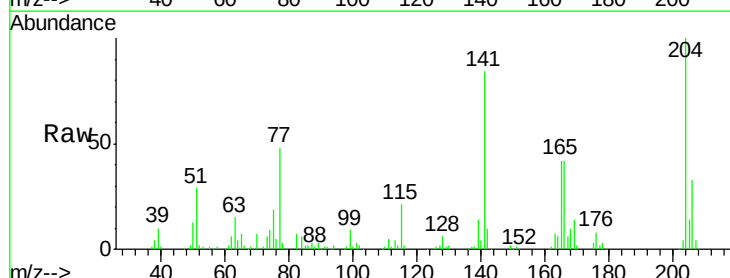
Tgt Ion:204 Resp: 137239

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

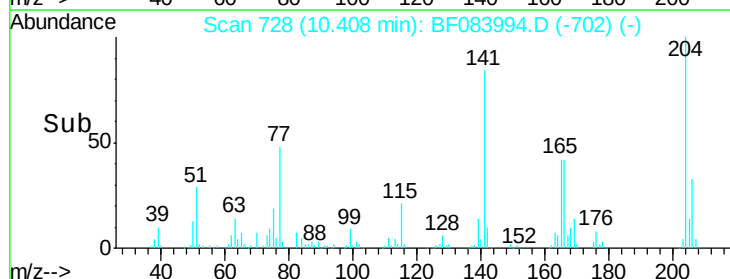
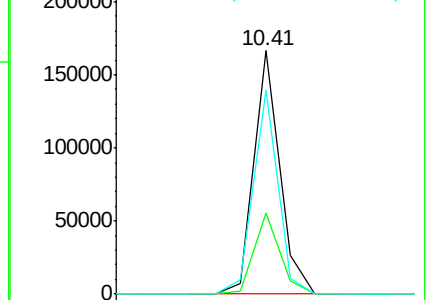
141 83.8 55.1 82.7#

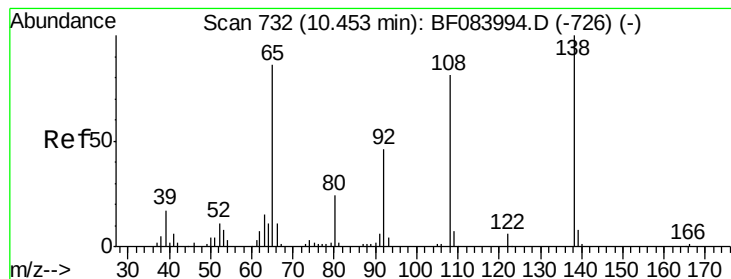


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.67 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

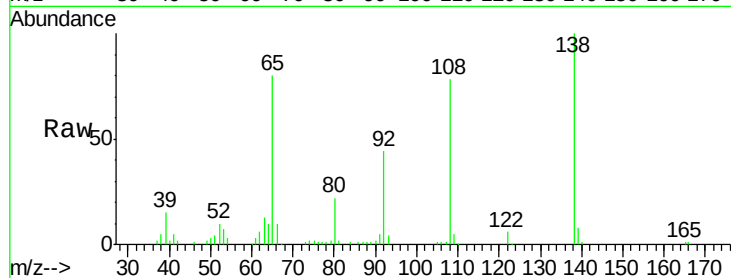
Tot Ion:138 Resp: 84851

Ion Ratio Lower Upper

138 100

92 43.7 32.6 72.6

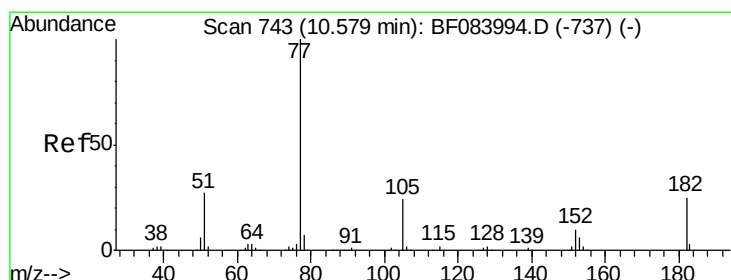
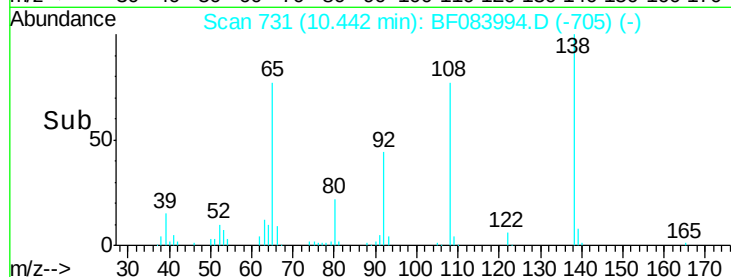
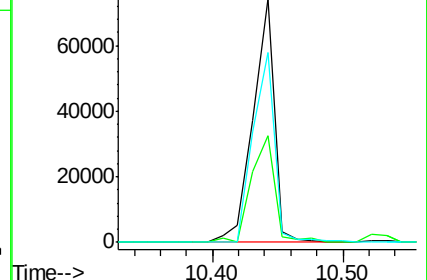
108 78.2 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.80 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Tgt Ion: 77 Resp: 288559

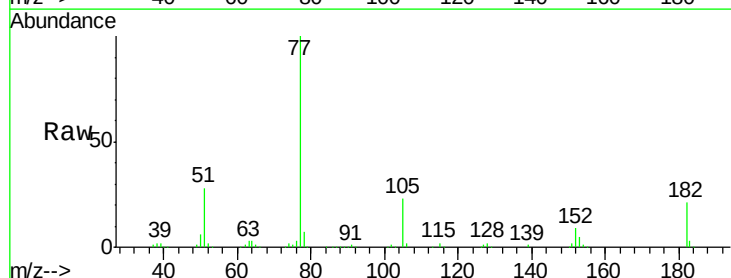
Ion Ratio Lower Upper

77 100

182 21.1 8.3 48.3

105 23.1 4.6 44.6

51 28.1 6.2 46.2

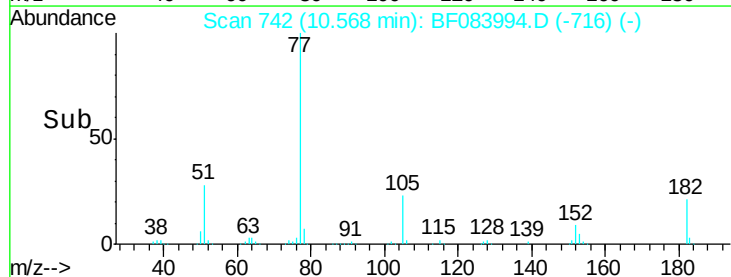
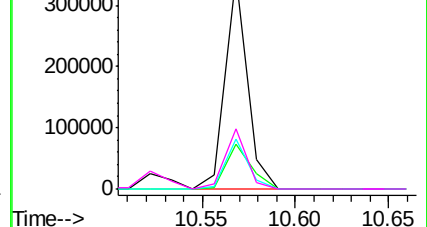


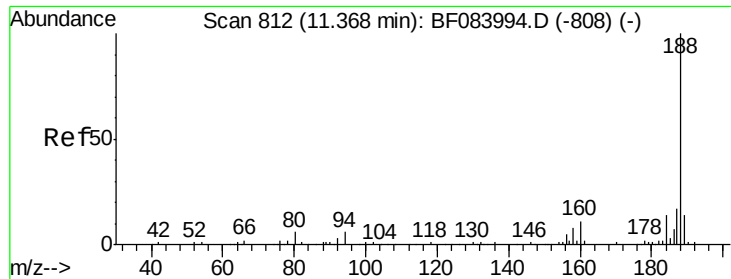
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

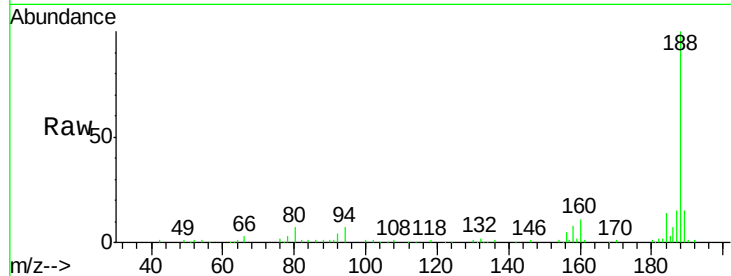




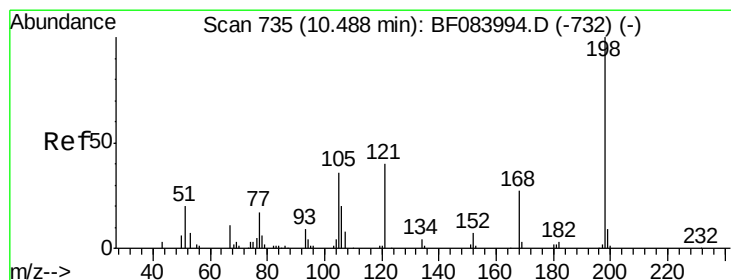
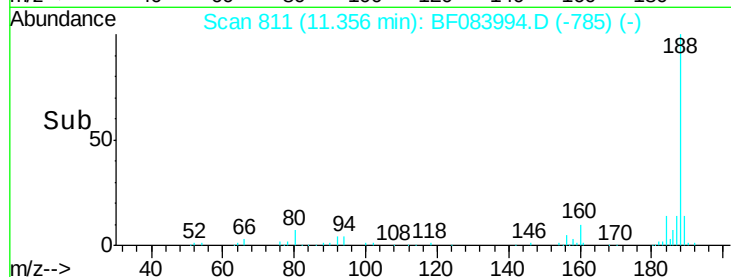
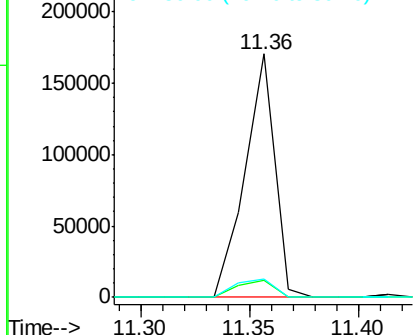
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:188 Resp: 162384
 Ion Ratio Lower Upper
 188 100
 94 7.0 9.0 13.4#
 80 7.3 9.6 14.4#

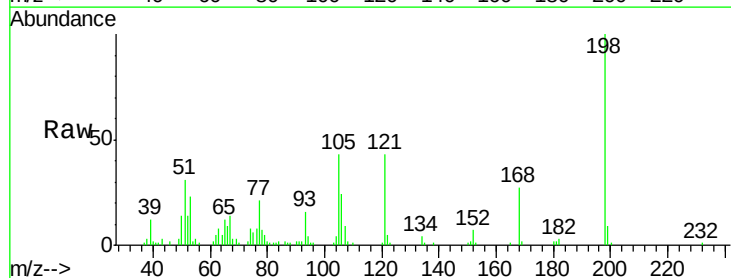


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

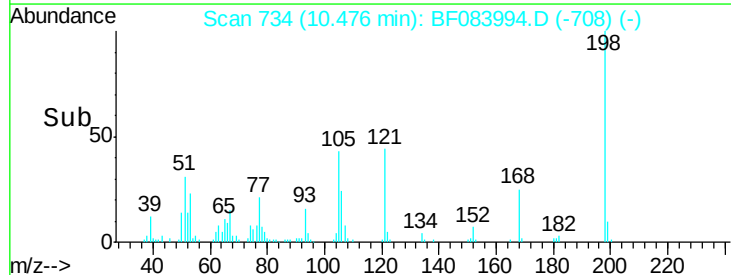
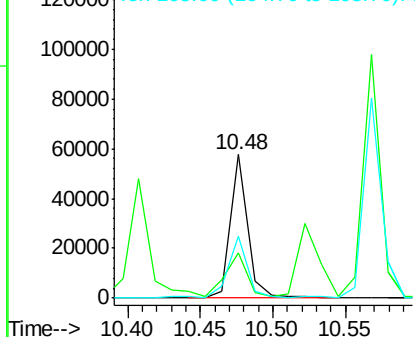


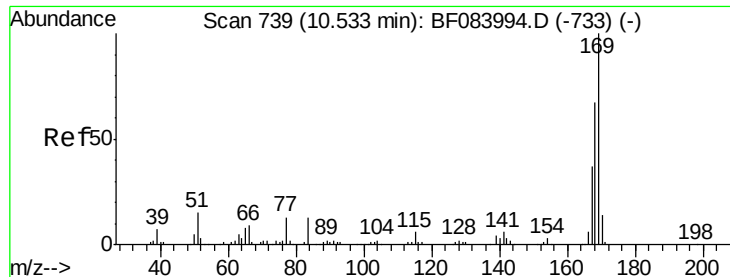
#64
 4,6-Dinitro-2-methylphenol
 Concen: 60.88 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:198 Resp: 47906
 Ion Ratio Lower Upper
 198 100
 51 31.1 18.9 58.9
 105 42.9 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.38 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

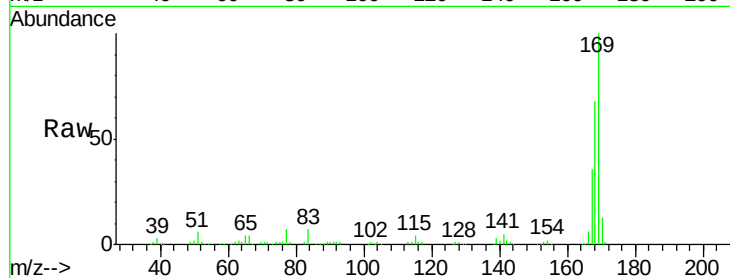
Tot Ion:169 Resp: 277072

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

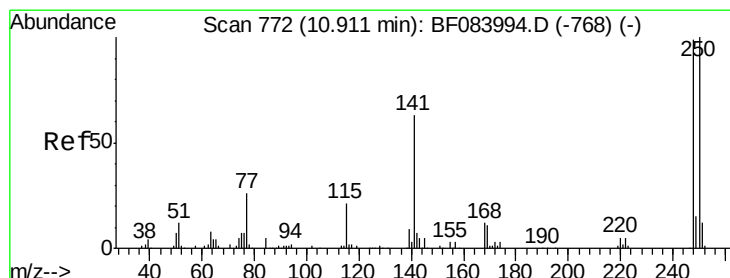
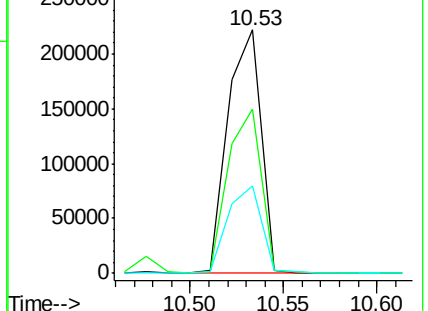
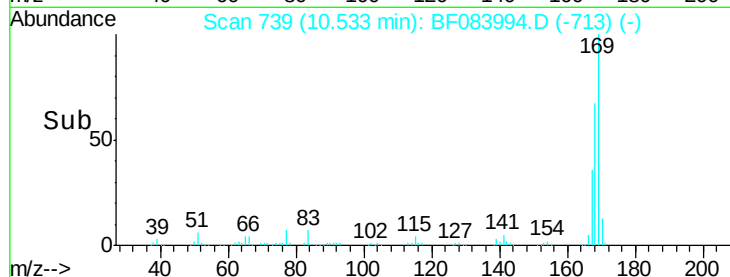
167 36.2 30.0 45.0



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: 46.48 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

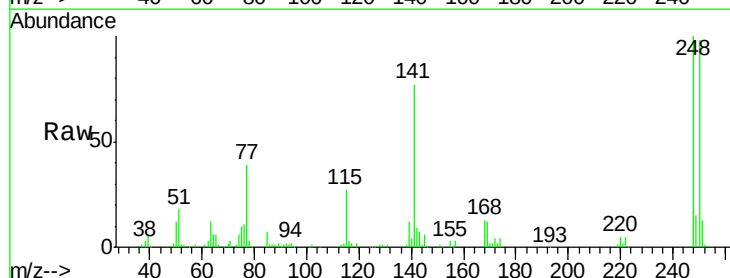
Tgt Ion:248 Resp: 89746

Ion Ratio Lower Upper

248 100

250 98.2 78.4 117.6

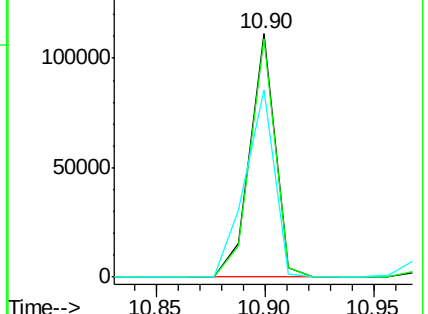
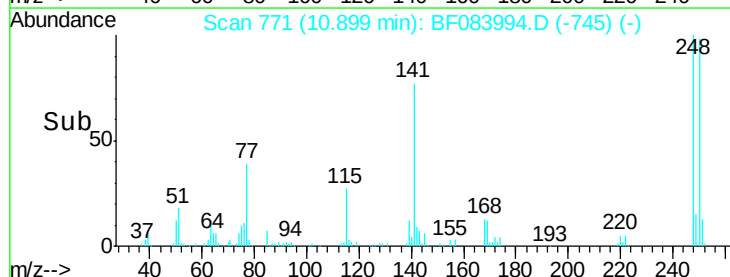
141 76.7 44.0 66.0#

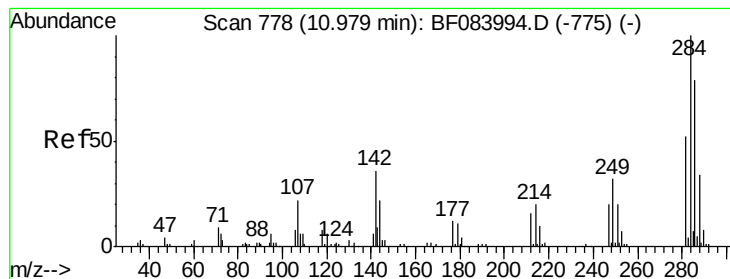


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.25 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

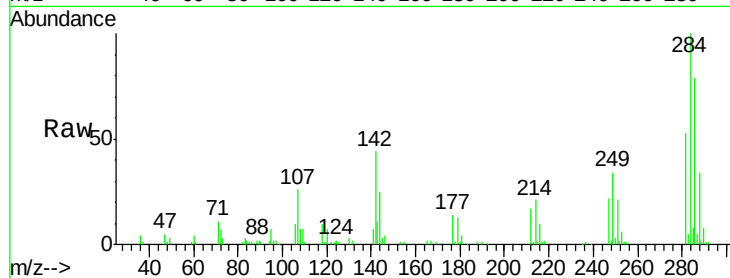
Tot Ion:284 Resp: 86930

Ion Ratio Lower Upper

284 100

142 43.8 22.2 33.4#

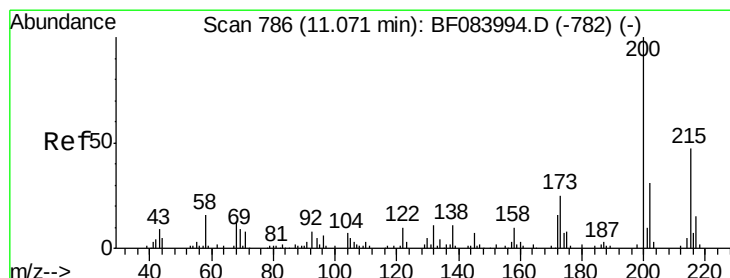
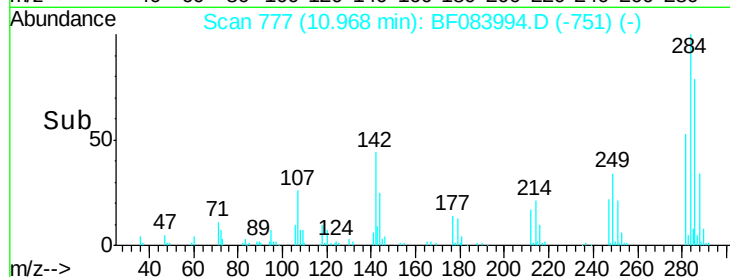
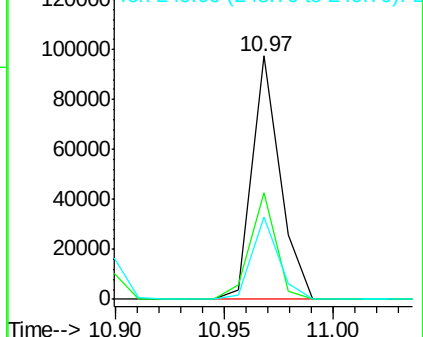
249 34.0 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.59 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

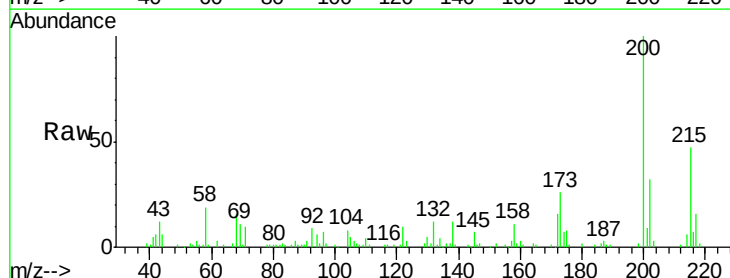
Tgt Ion:200 Resp: 81442

Ion Ratio Lower Upper

200 100

173 25.8 9.5 49.5

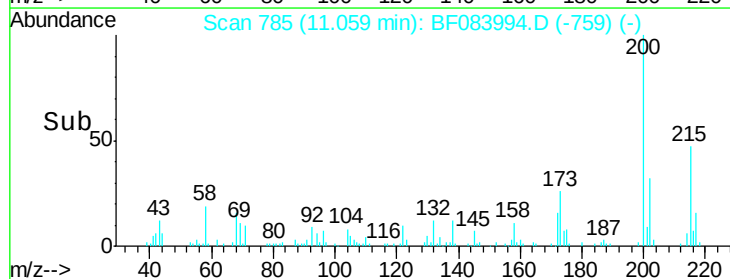
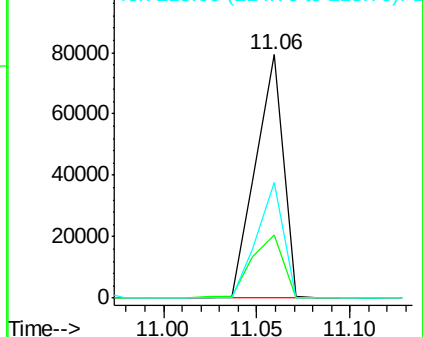
215 47.3 23.8 63.8

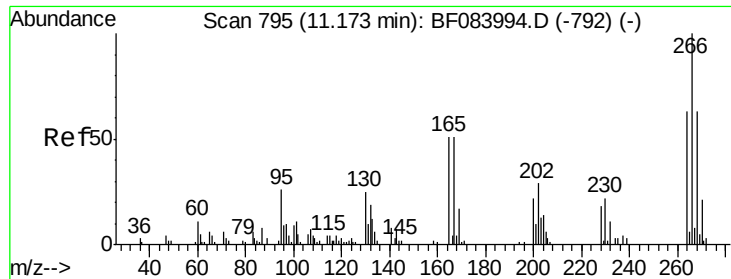


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

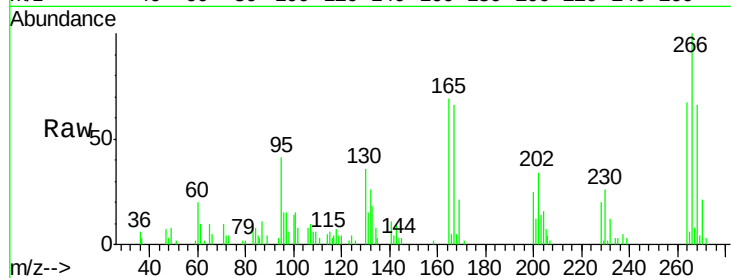




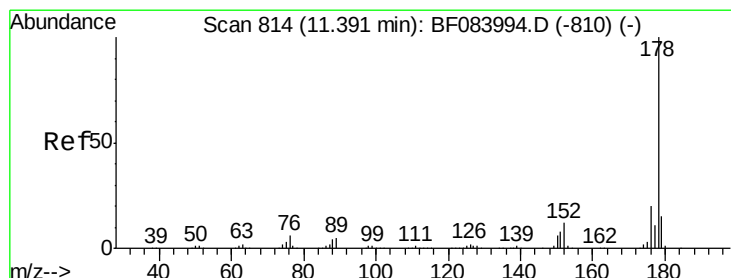
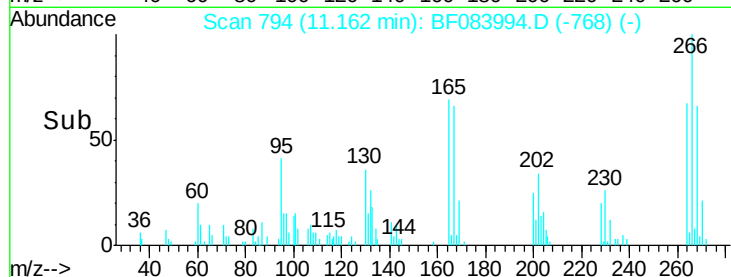
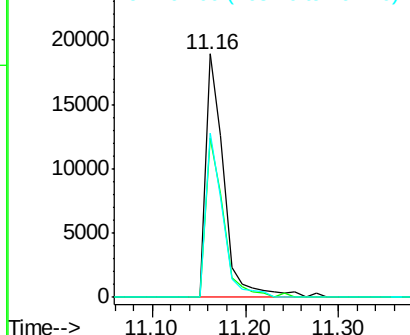
#69
 Pentachlorophenol
 Concen: 54.60 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:266 Resp: 25768
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.4 78.6
 264 67.4 50.2 75.2

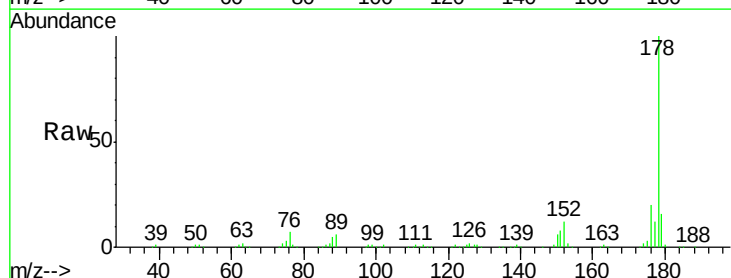


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

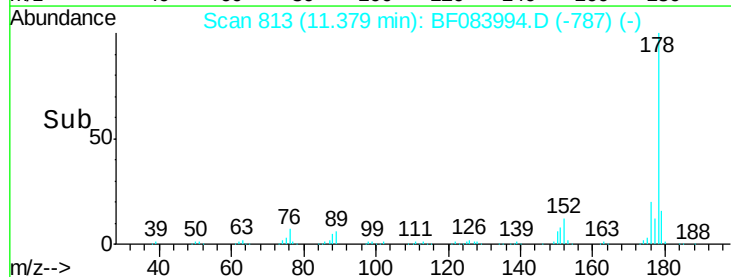
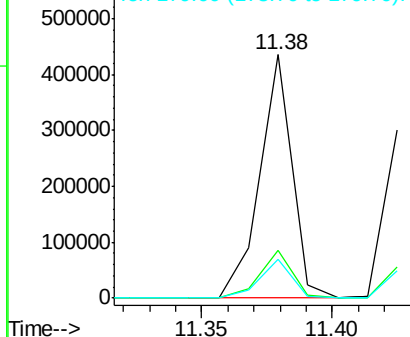


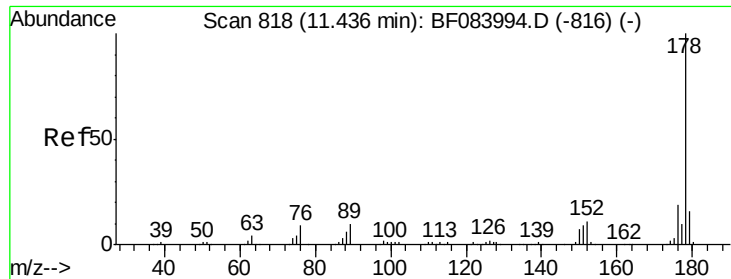
#70
 Phenanthrene
 Concen: 39.29 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:178 Resp: 378656
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.7 12.0 18.0



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

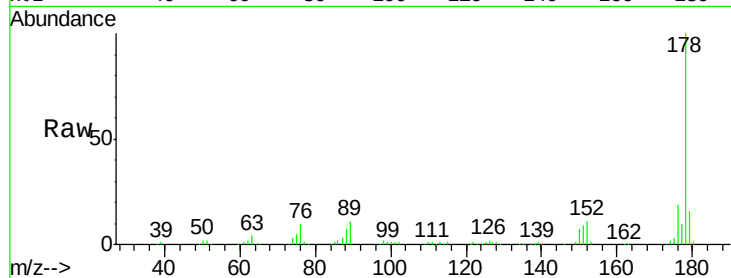




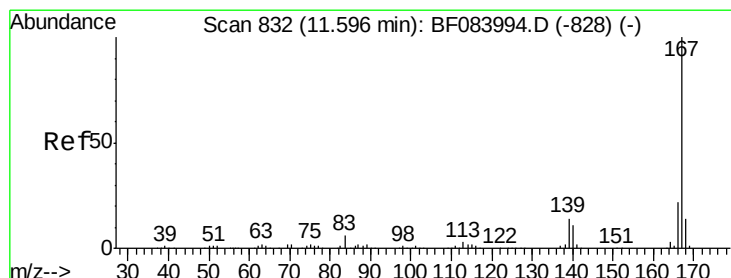
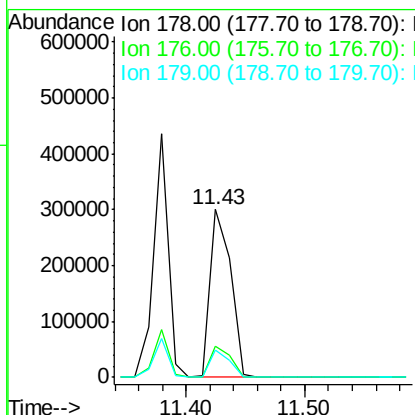
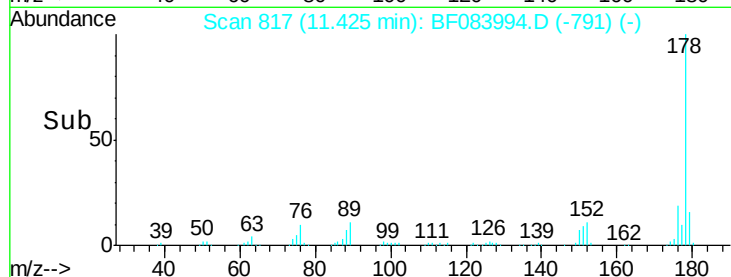
#71
 Anthracene
 Concen: 37.14 ng
 RT: 11.43 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 360032
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 16.1 12.5 18.7

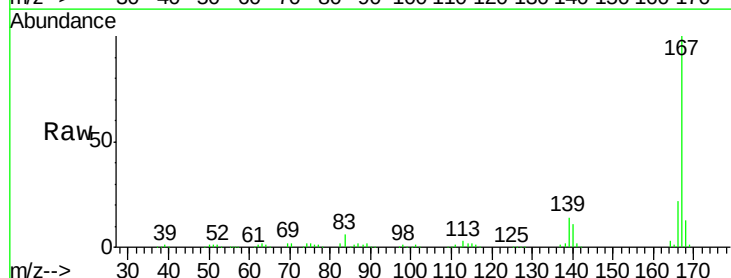


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

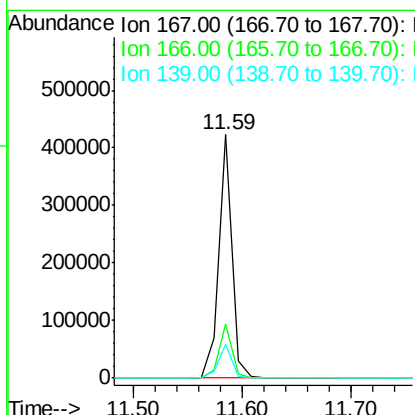
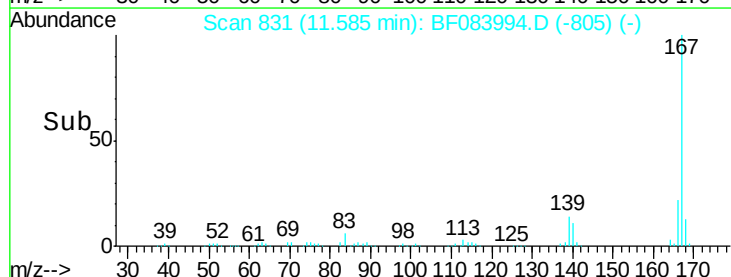


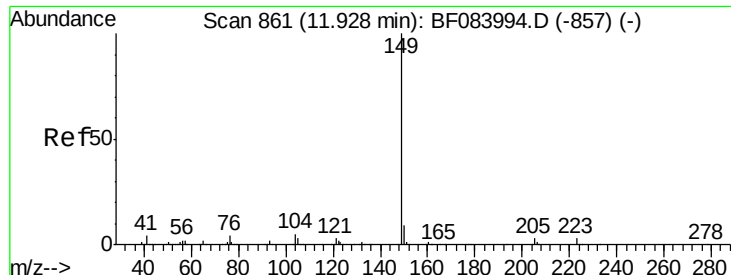
#72
 Carbazole
 Concen: 39.98 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:167 Resp: 362260
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.8 11.8 17.8



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: 39.75 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

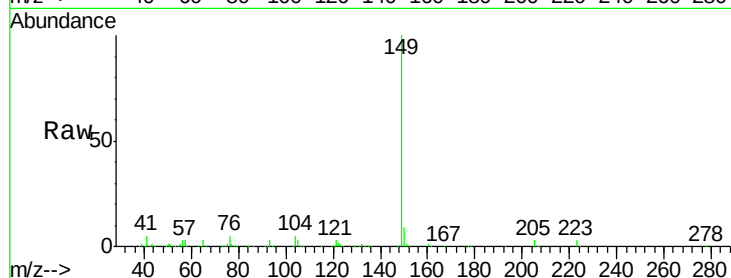
Tot Ion:149 Resp: 457131

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 5.1 3.2 4.8#



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

600000

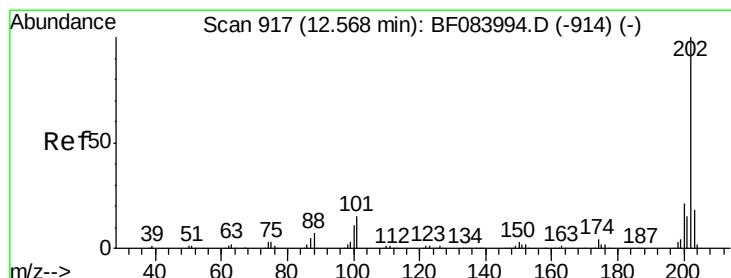
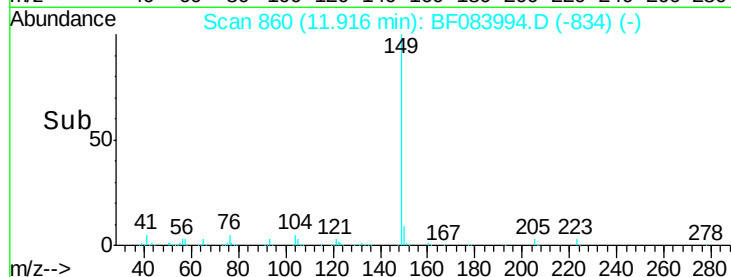
400000

200000

0

11.92

Time--> 11.85 11.90 11.95 12.00



#74

Fluoranthene

Concen: 42.08 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

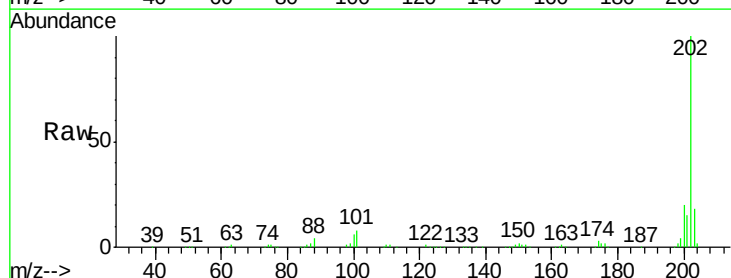
Tgt Ion:202 Resp: 395923

Ion Ratio Lower Upper

202 100

101 7.5 0.0 32.8

203 17.7 0.0 37.9



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

500000

400000

300000

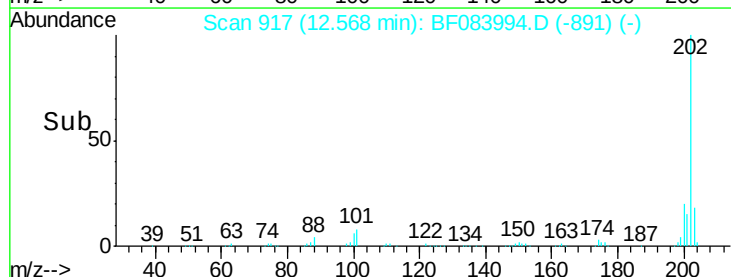
200000

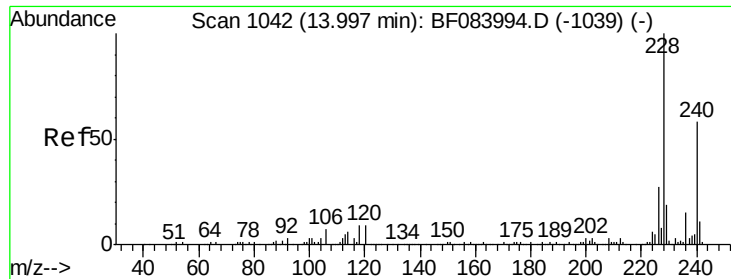
100000

0

12.57

Time--> 12.50 12.60 12.70





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

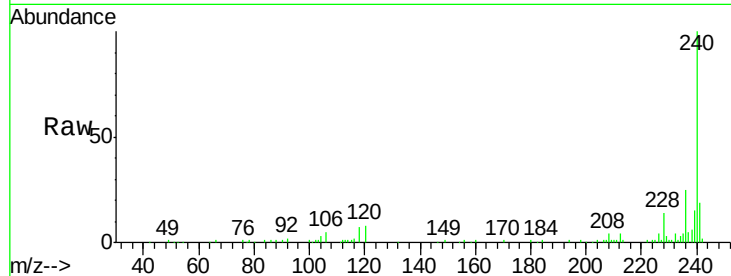
Tot Ion:240 Resp: 139238

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

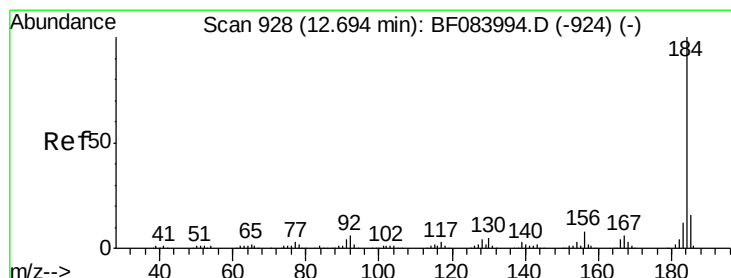
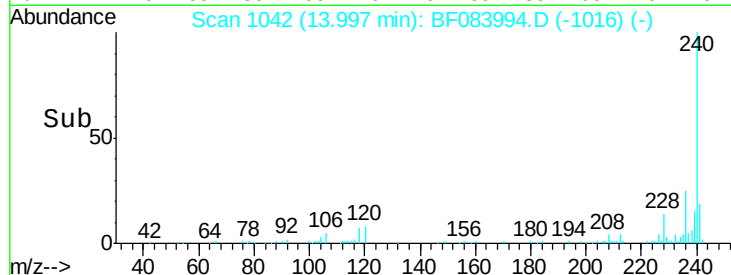
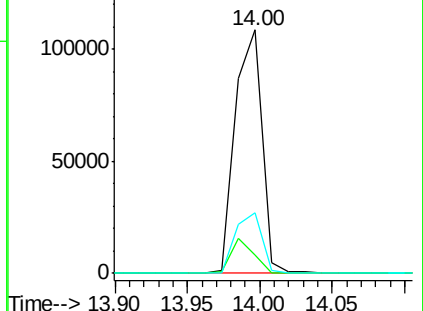
236 25.0 20.6 31.0



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: 46.74 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

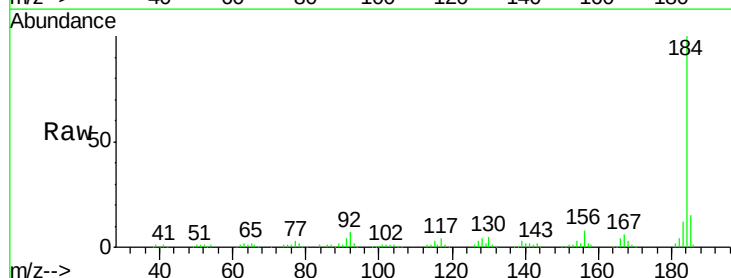
Tgt Ion:184 Resp: 226278

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

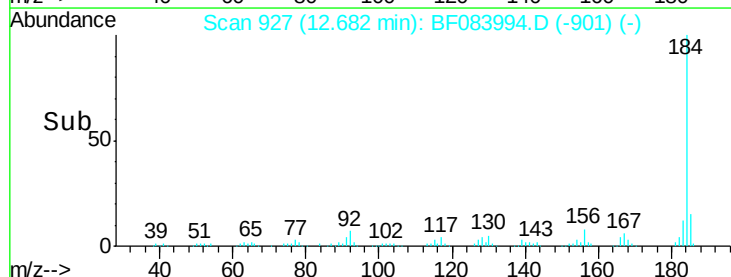
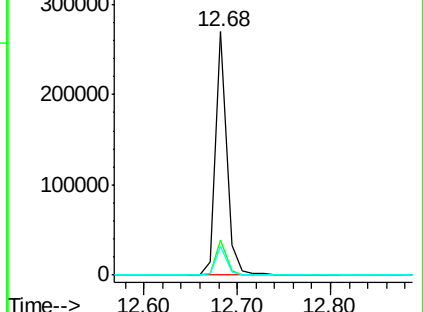
183 12.0 9.8 14.8

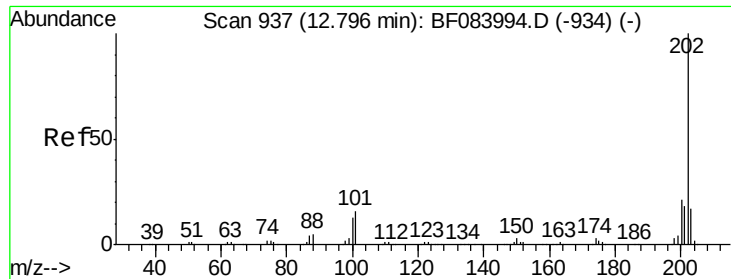


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

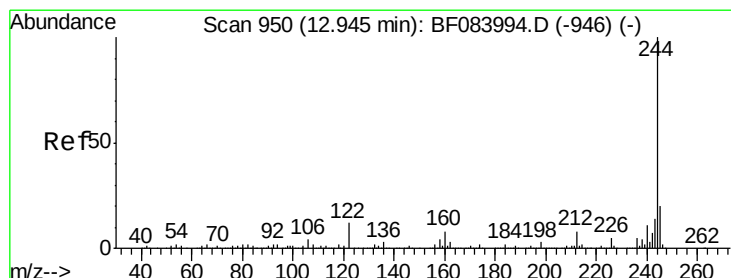
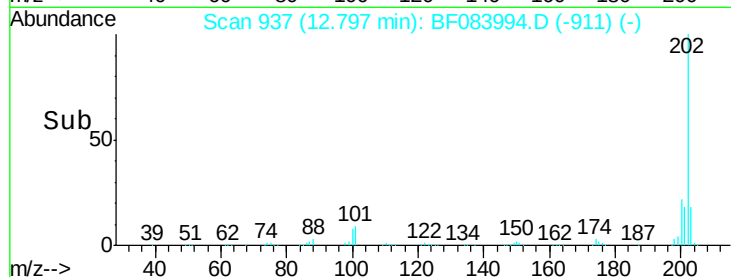
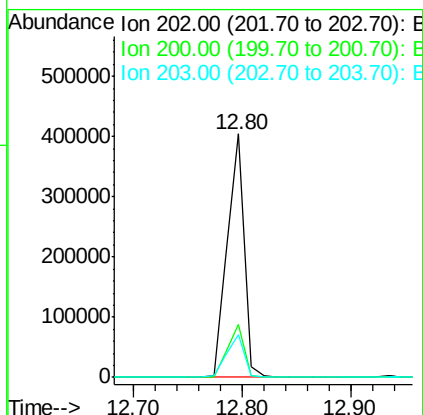
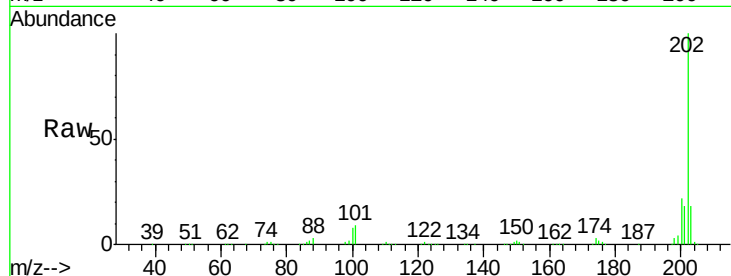




#77
Pvrene
Concen: 46.86 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

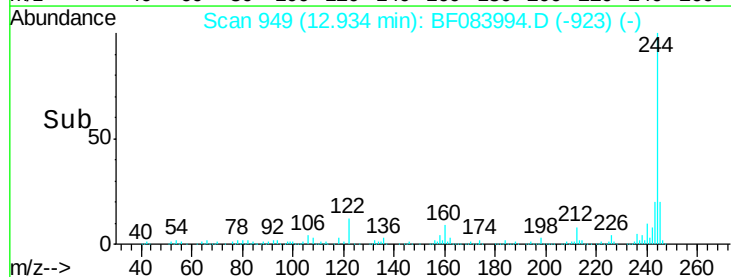
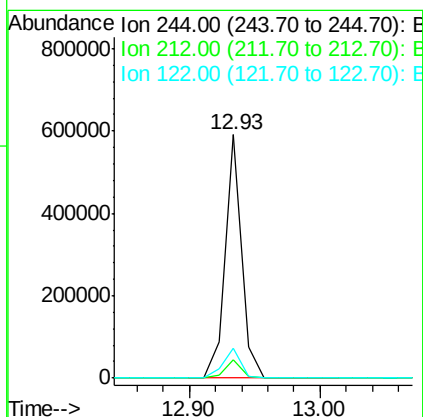
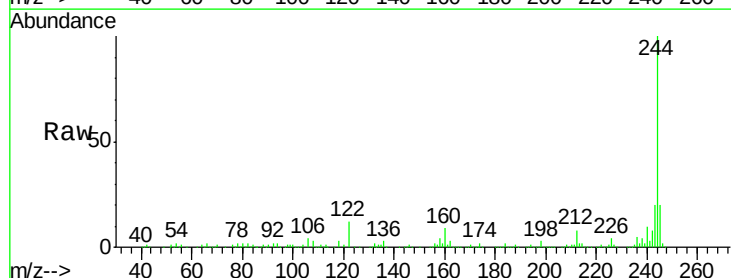
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

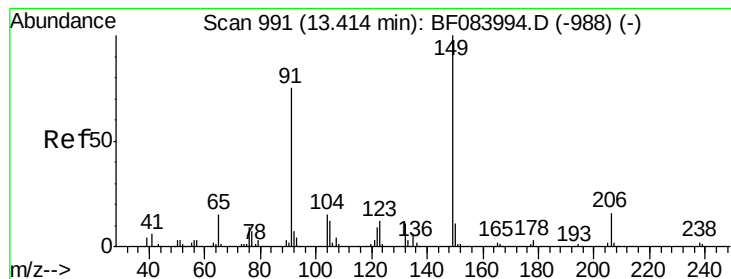
Tot Ion:202 Resp: 429333
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 43.17 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion:244 Resp: 521113
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.3 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 46.71 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

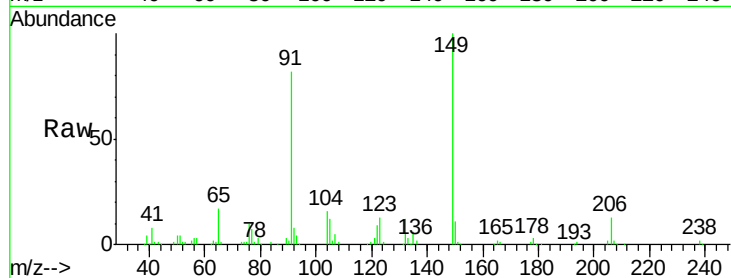
Tot Ion:149 Resp: 191728

Ion Ratio Lower Upper

149 100

91 82.1 57.6 86.4

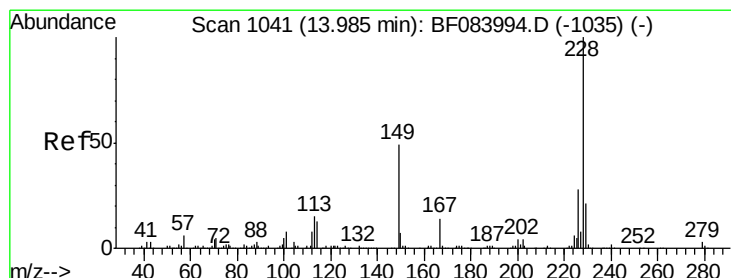
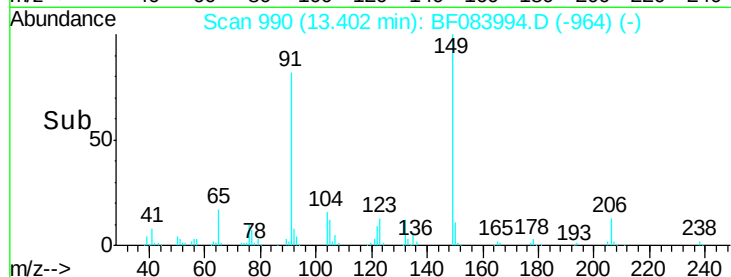
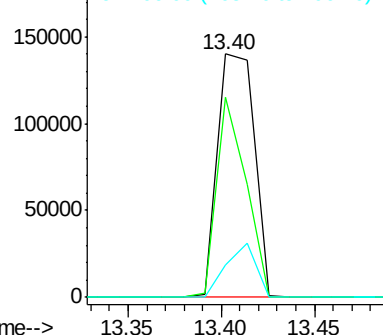
206 13.4 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.27 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

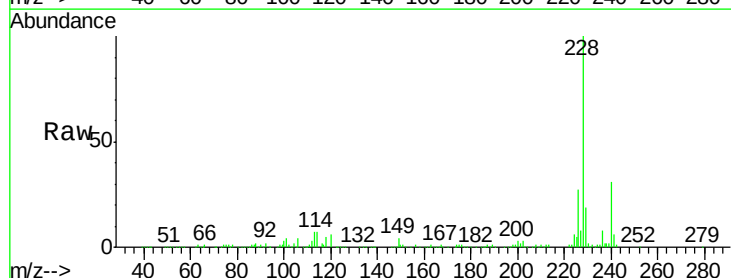
Tgt Ion:228 Resp: 328900

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

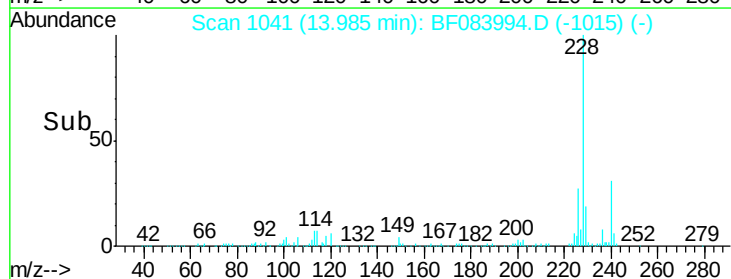
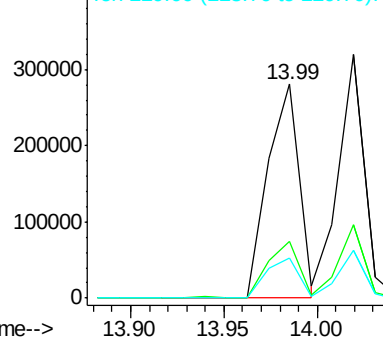
229 19.0 15.8 23.8

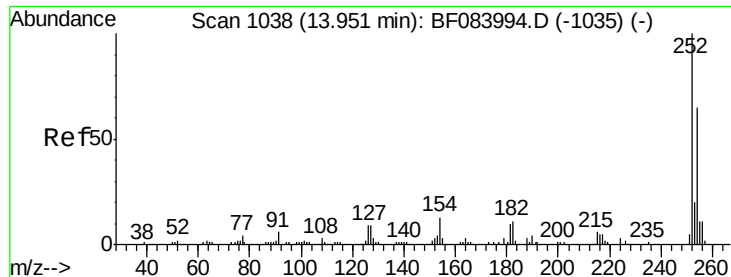


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

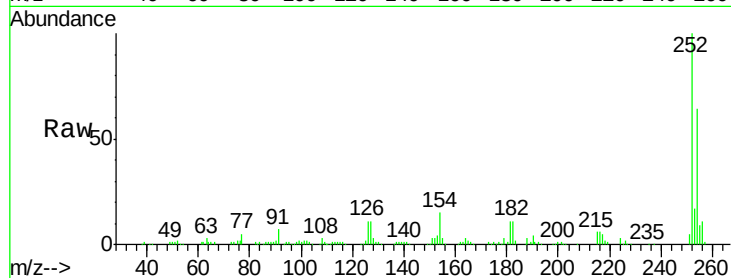




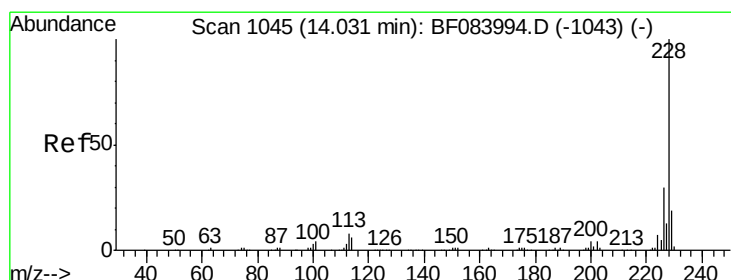
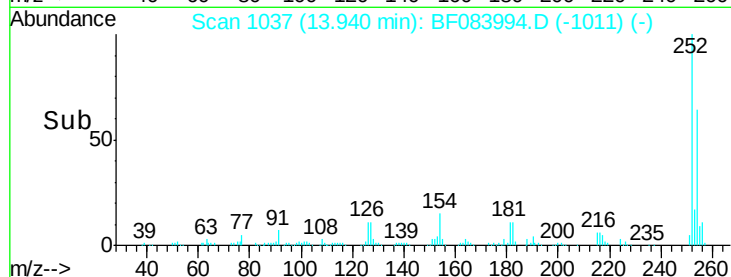
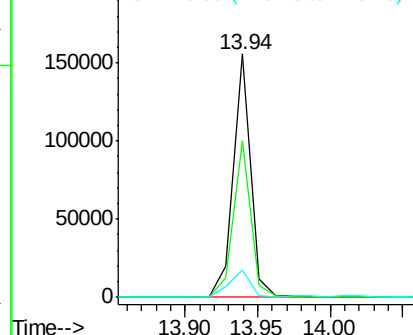
#81
 3,3'-Dichlorobenzidine
 Concen: 43.67 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:252 Resp: 130335
 Ion Ratio Lower Upper
 252 100
 254 64.1 53.5 80.3
 126 11.1 4.9 7.3#

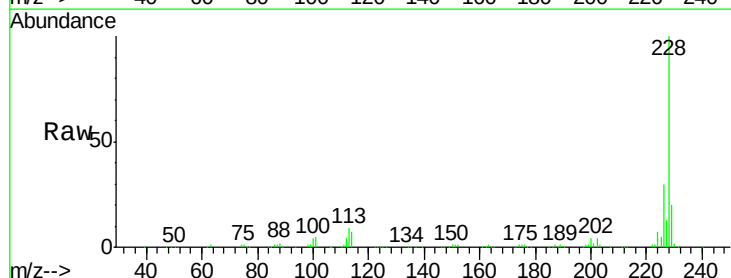


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

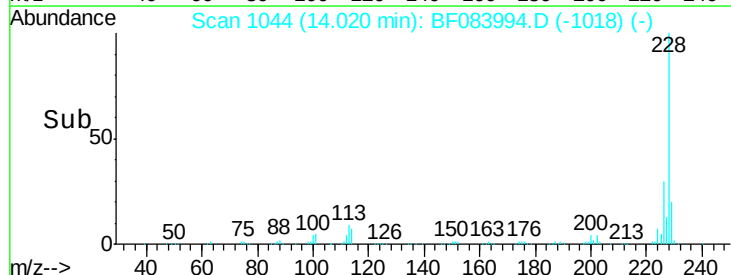
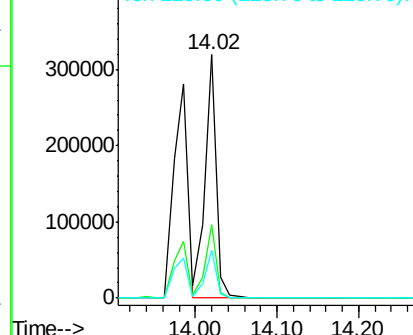


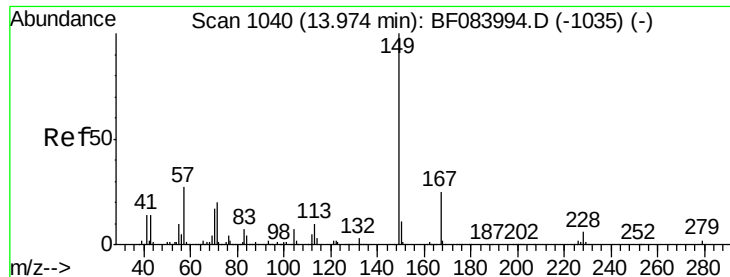
#82
 Chrysene
 Concen: 41.51 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:228 Resp: 310832
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.50 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

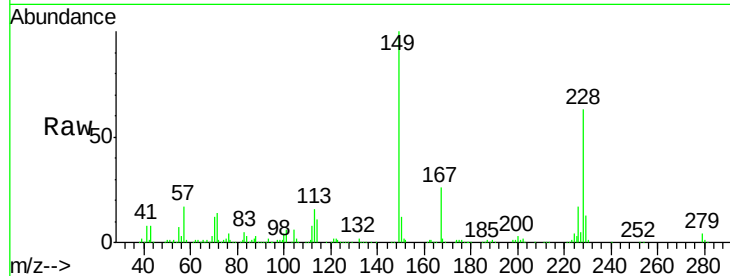
Tot Ion:149 Resp: 266157

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

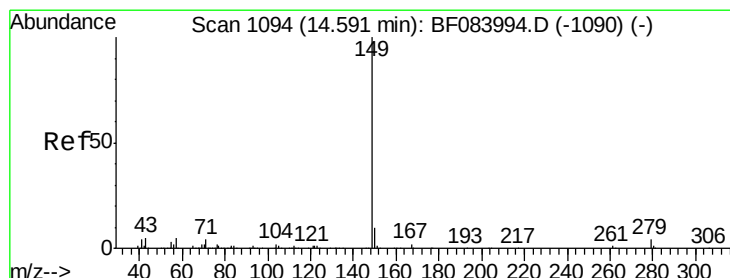
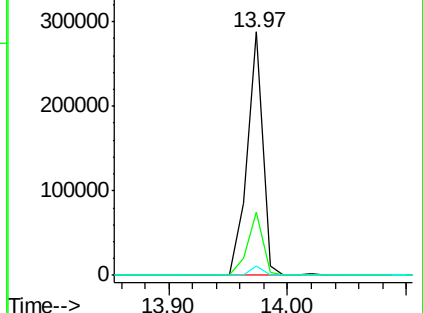
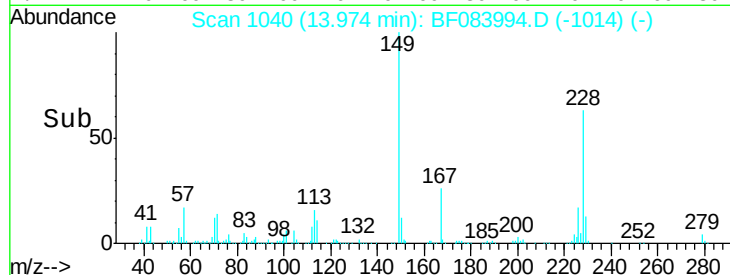
279 3.8 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.45 ng

RT: 14.58 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF083994.D

Acq: 22 Dec 2015 16:16

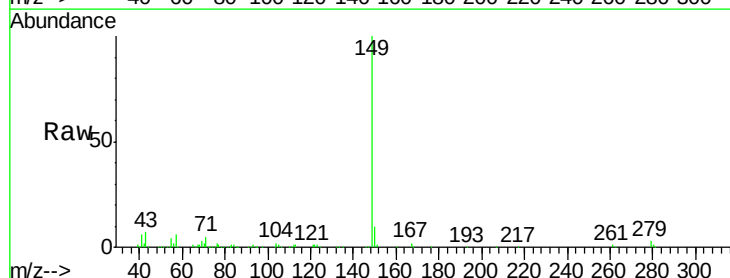
Tgt Ion:149 Resp: 388290

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

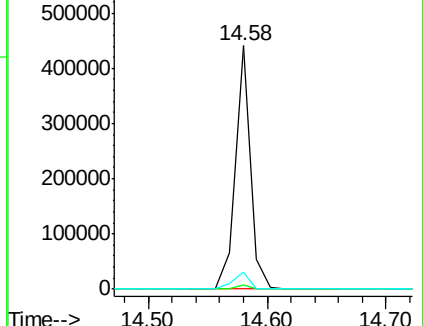
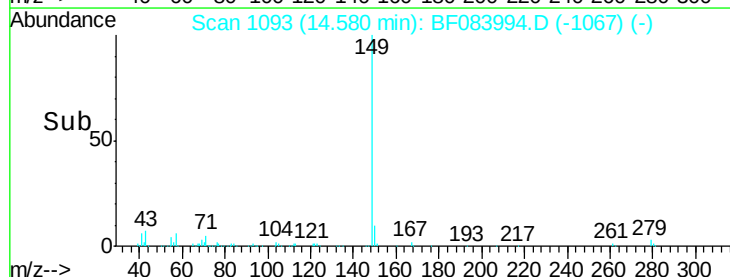
43 7.5 5.6 8.4

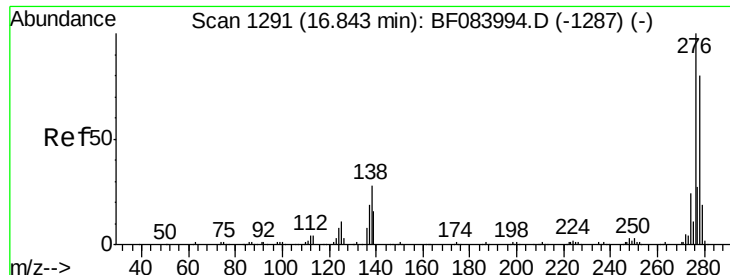


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

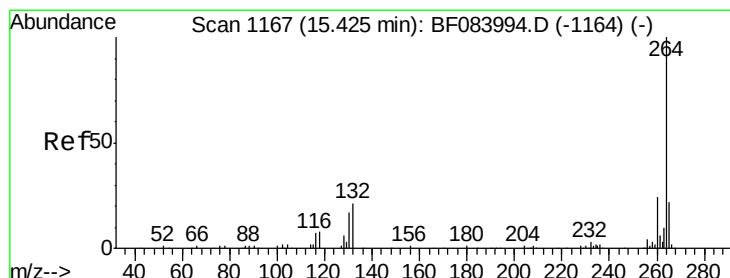
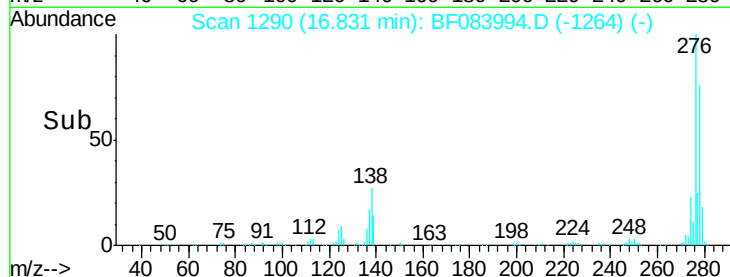
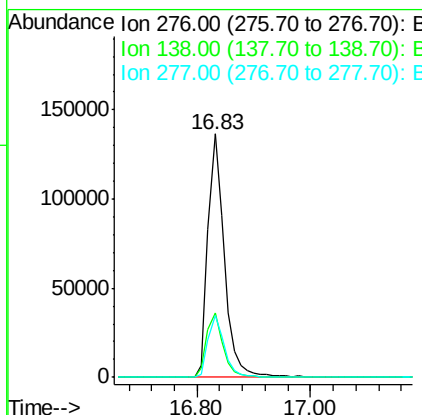
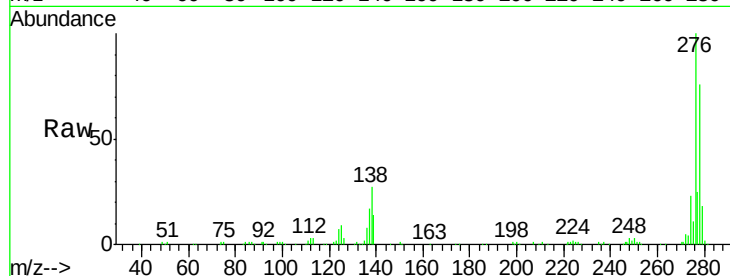




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.54 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

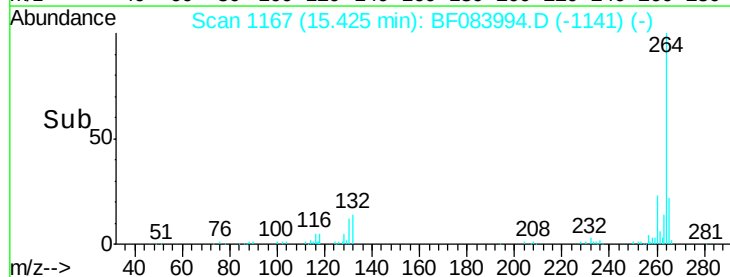
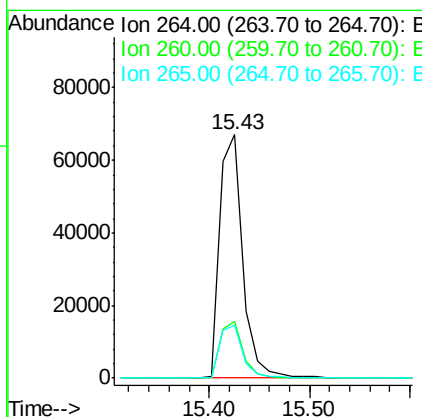
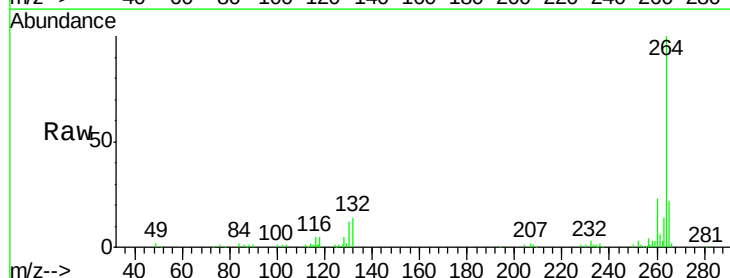
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

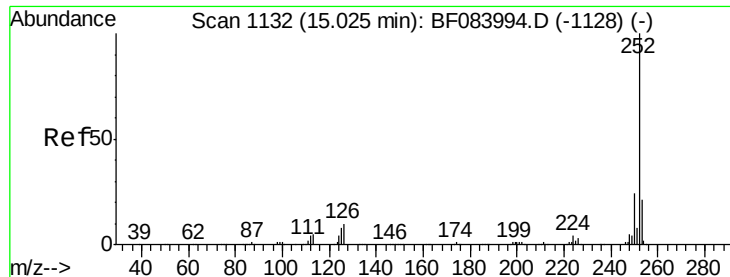
Tot Ion:276 Resp: 266540
 Ion Ratio Lower Upper
 276 100
 138 27.1 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Tgt Ion:264 Resp: 106409
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.9 17.8 26.6

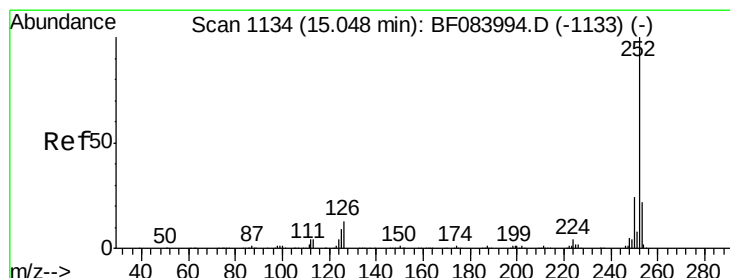
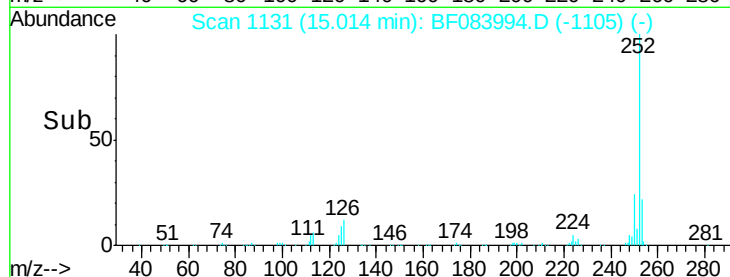
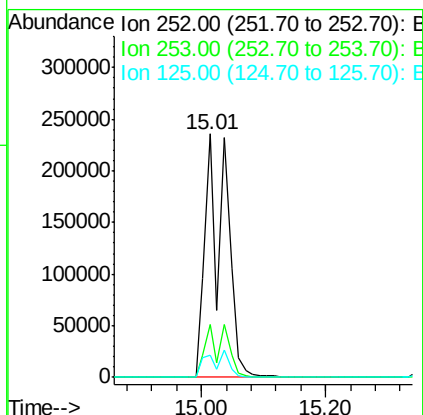
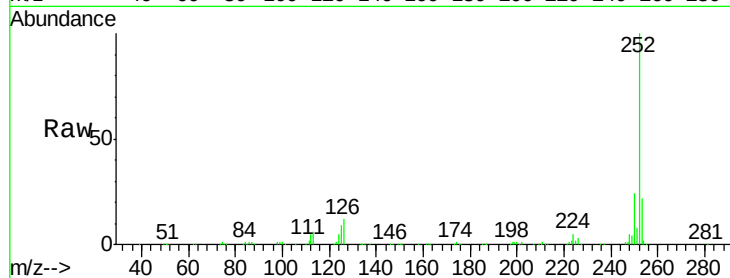




#87
Benzo(b)fluoranthene
Concen: 77.71 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

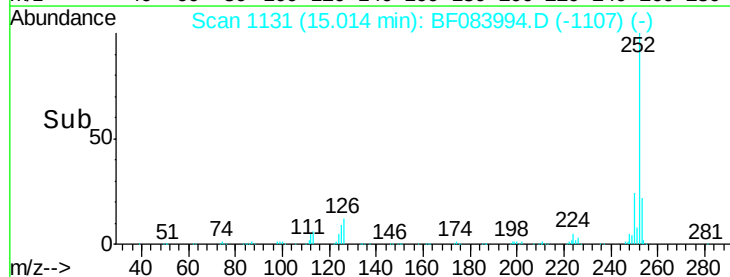
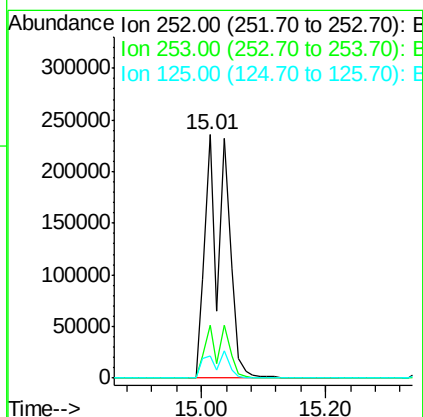
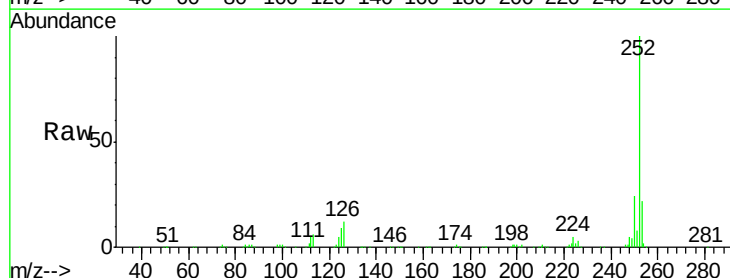
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

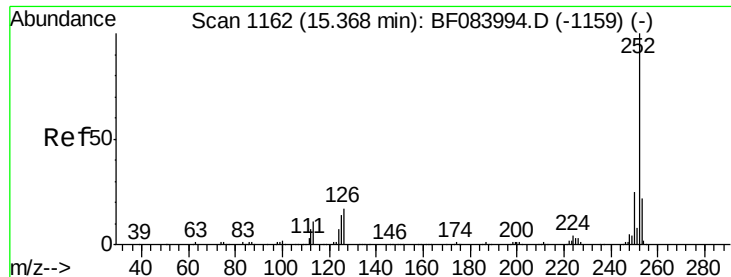
Tot Ion:252 Resp: 530491
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 81.05 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion:252 Resp: 530491
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 9.3 9.0 13.6

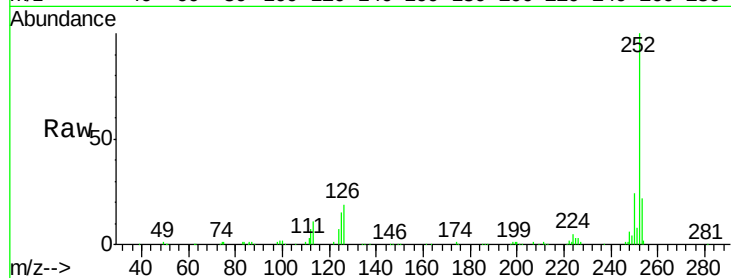




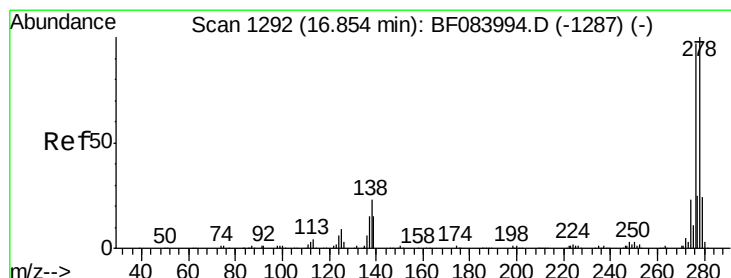
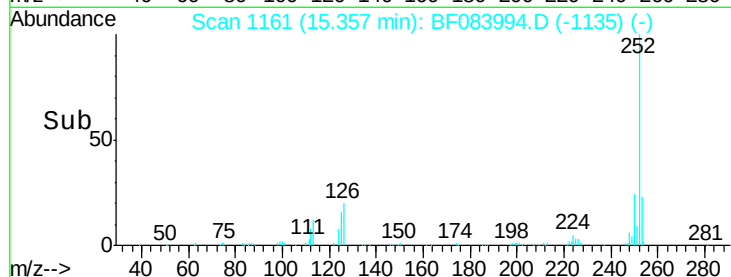
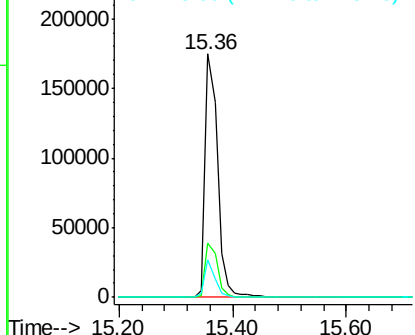
#89
Benzo(a)pyrene
Concen: 40.38 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 256164
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 15.2 7.0 10.4#

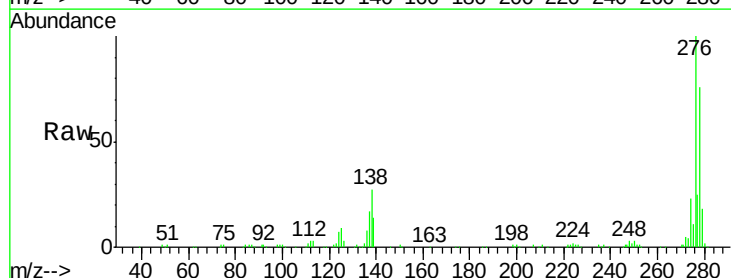


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

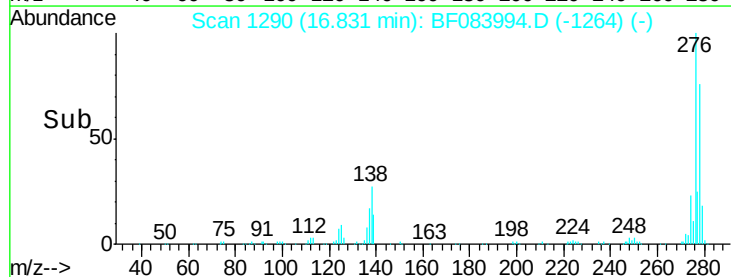
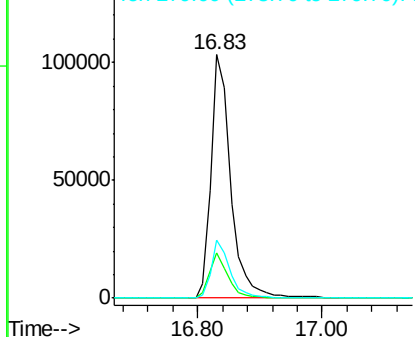


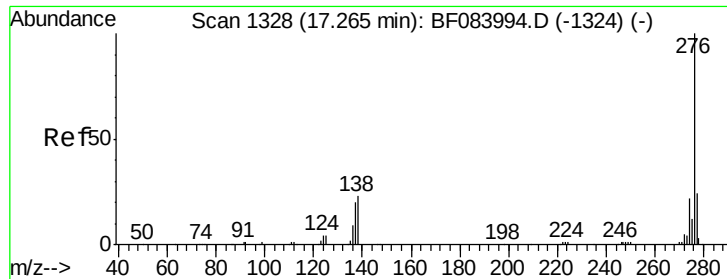
#90
Dibenzo(a,h)anthracene
Concen: 46.06 ng
RT: 16.83 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF083994.D
Acq: 22 Dec 2015 16:16

Tgt Ion:278 Resp: 224798
Ion Ratio Lower Upper
278 100
139 18.4 15.0 22.4
279 23.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

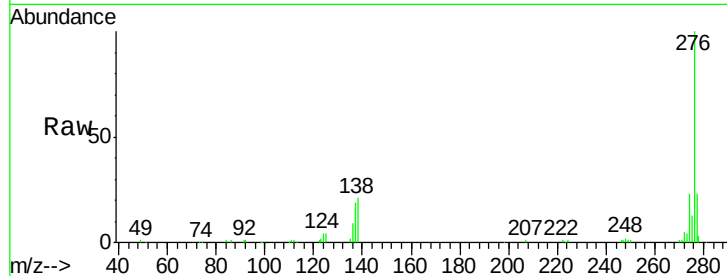




#91
 Benzo(a,h,i)perylene
 Concen: 42.18 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF083994.D
 Acq: 22 Dec 2015 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	17.8	26.6



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

