

Data Path : Z:\HPCHEM1\BNA F\Data\BF022317\
 Data File : BF093098.D
 Acq On : 23 Feb 2017 9:43
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 23 12:23:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	188116	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	739393	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	395121	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	607284	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	431640	20.00	ng	-0.02
86) Perylene-d12	15.41	264	350099	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	813322	74.18	ng	-0.02
7) Phenol-d6	6.49	99	1163307	82.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	1006242	75.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	231015	80.84	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1745658	80.04	ng	-0.01
78) Terphenyl-d14	12.95	244	1522594	82.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	233001	39.33	ng	87
3) Pyridine	3.10	79	618636	41.06	ng	88
4) n-Nitrosodimethylamine	3.07	42	275067	38.88	ng	86
6) Aniline	6.51	93	798205	41.48	ng	# 43
8) 2-Chlorophenol	6.62	128	486609	40.23	ng	96
9) Benzaldehyde	6.38	77	337921	33.43	ng	92
10) Phenol	6.50	94	709174	42.96	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	487515	37.00	ng	93
12) 1,3-Dichlorobenzene	6.78	146	572762	40.43	ng	99
13) 1,4-Dichlorobenzene	6.85	146	545352	38.03	ng	99
14) 1,2-Dichlorobenzene	7.01	146	557598	40.66	ng	97
15) Benzyl Alcohol	6.99	79	381966	36.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	983694	42.98	ng	95
17) 2-Methylphenol	7.10	107	419341	40.41	ng	97
18) Hexachloroethane	7.36	117	193417	39.51	ng	# 82
19) n-Nitroso-di-n-propylamine	7.26	70	332860	37.06	ng	97
20) 3+4-Methylphenols	7.26	107	494364	39.84	ng	99
22) Acetophenone	7.25	105	666325	39.47	ng	95
24) Nitrobenzene	7.44	77	622225	45.64	ng	# 88
25) Isophorone	7.68	82	1030706	41.66	ng	99
26) 2-Nitrophenol	7.74	139	263115	40.60	ng	96
27) 2,4-Dimethylphenol	7.79	122	469807	41.28	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	653629	39.89	ng	98
29) 2,4-Dichlorophenol	8.00	162	418661	39.44	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	442001	38.64	ng	93
31) Naphthalene	8.14	128	1398464	37.31	ng	100
32) Benzoic acid	7.93	122	272261	43.08	ng	96
33) 4-Chloroaniline	8.20	127	589919	40.13	ng	97
34) Hexachlorobutadiene	8.27	225	231870	36.84	ng	97
35) Caprolactam	8.59	113	142493	42.68	ng	# 44
36) 4-Chloro-3-methylphenol	8.69	107	466038	42.11	ng	91
37) 2-Methylnaphthalene	8.84	142	988734	41.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	394857	35.60	ng	99
40) Hexachlorocyclopentadiene	8.99	237	182257	36.42	ng	98

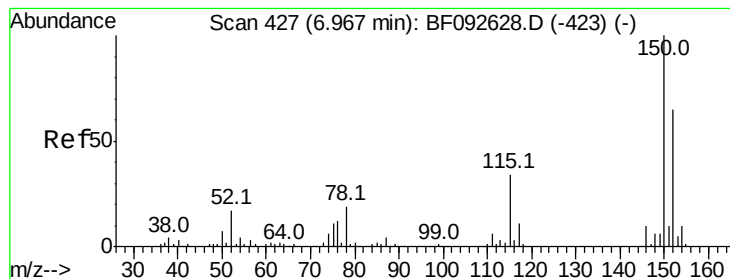
Data Path : Z:\HPCHEM1\BNA F\Data\BF022317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	273671	37.55	nq	91
43) 2,4,5-Trichlorophenol	9.16	196	310263	38.85	nq	# 90
45) 1,1'-Biphenyl	9.30	154	1030749	36.03	nq	96
46) 2-Chloronaphthalene	9.32	162	894624	39.97	nq	94
47) 2-Nitroaniline	9.42	65	272560	36.22	nq	98
48) Acenaphthylene	9.74	152	1507678	38.99	nq	98
49) Dimethylphthalate	9.61	163	987712	37.11	nq	99
50) 2,6-Dinitrotoluene	9.68	165	249961	43.49	nq	# 77
51) Acenaphthene	9.92	154	874321	37.82	nq	96
52) 3-Nitroaniline	9.84	138	270386	41.11	nq	95
53) 2,4-Dinitrophenol	9.95	184	104450	38.34	nq	# 81
54) Dibenzofuran	10.09	168	1166629	37.73	nq	90
55) 4-Nitrophenol	10.01	139	176835	37.33	nq	92
56) 2,4-Dinitrotoluene	10.08	165	295785	38.65	nq	95
57) Fluorene	10.43	166	939210	39.48	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	206584	38.78	nq	100
59) Diethylphthalate	10.30	149	1016901	40.54	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	440083	38.51	nq	# 83
61) 4-Nitroaniline	10.45	138	253304	37.60	nq	94
62) Azobenzene	10.58	77	1111460	42.89	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	169009	45.85	nq	92
65) n-Nitrosodiphenylamine	10.53	169	817367	42.13	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	268761	42.36	nq	# 81
67) Hexachlorobenzene	10.97	284	251681	40.14	nq	# 75
68) Atrazine	11.07	200	282010	45.30	nq	96
69) Pentachlorophenol	11.17	266	137857	45.96	nq	97
70) Phenanthrene	11.39	178	1441146	41.42	nq	98
71) Anthracene	11.44	178	1304702	37.34	nq	99
72) Carbazole	11.60	167	1381702	41.37	nq	99
73) Di-n-butylphthalate	11.93	149	1564309	43.31	nq	# 96
74) Fluoranthene	12.57	202	1251836	34.88	nq	97
76) Benzydine	12.69	184	628089	34.15	nq	98
77) Pyrene	12.80	202	1285941	39.81	nq	99
79) Butylbenzylphthalate	13.41	149	592883	45.20	nq	97
80) Benzo(a)anthracene	13.99	228	954104	36.14	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	376392	40.00	nq	# 97
82) Chrysene	14.02	228	891828	36.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832260	46.39	nq	# 97
84) Di-n-octyl phthalate	14.58	149	1309573	44.83	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	918165	47.96	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	831596	36.09	nq	98
88) Benzo(k)fluoranthene	15.01	252	831596	41.80	nq	98
89) Benzo(a)pyrene	15.37	252	801659	40.22	nq	97
90) Dibenzo(a,h)anthracene	16.83	278	774290	48.06	nq	95
91) Benzo(g,h,i)perylene	17.24	276	826912	50.81	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

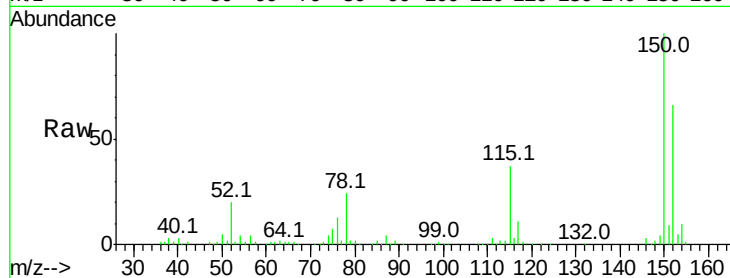
Tot Ion:152 Resp: 188116

Ion Ratio Lower Upper

152 100

150 152.1 124.9 187.3

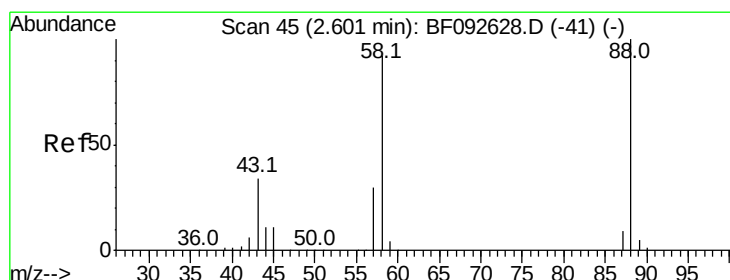
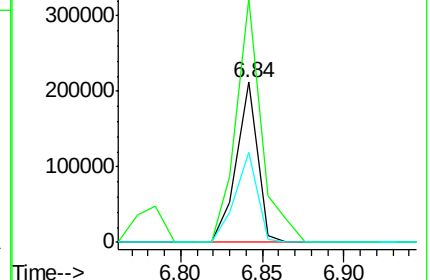
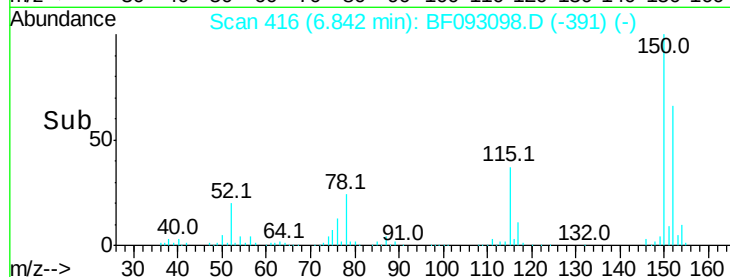
115 56.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.33 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.05 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

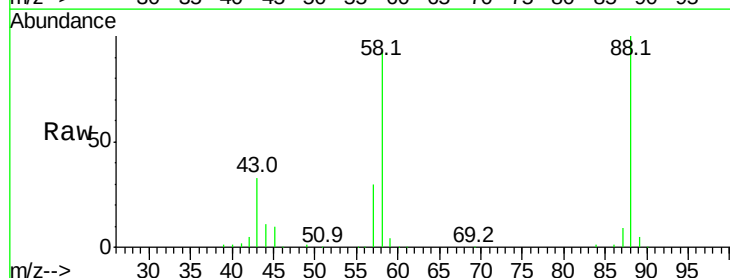
Tgt Ion: 88 Resp: 233001

Ion Ratio Lower Upper

88 100

58 86.2 57.8 86.8

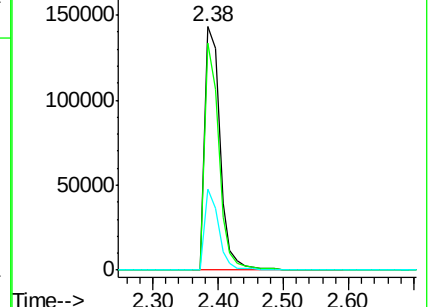
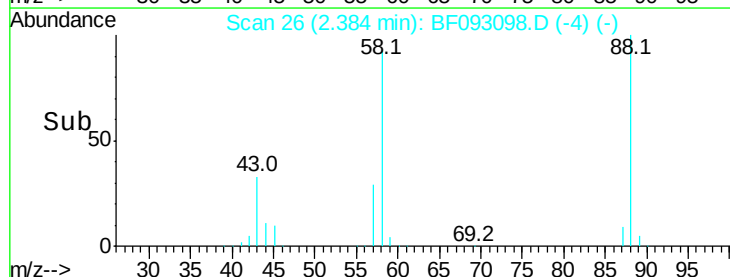
43 30.1 22.3 33.5

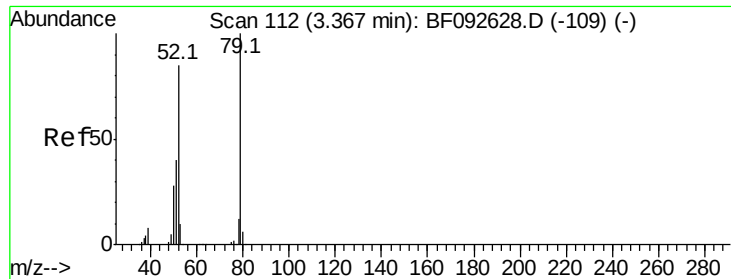


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.06 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

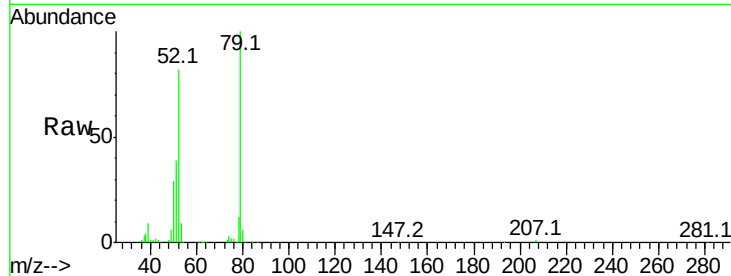
Tot Ion: 79 Resp: 618636

Ion Ratio Lower Upper

79 100

52 82.1 57.1 85.7

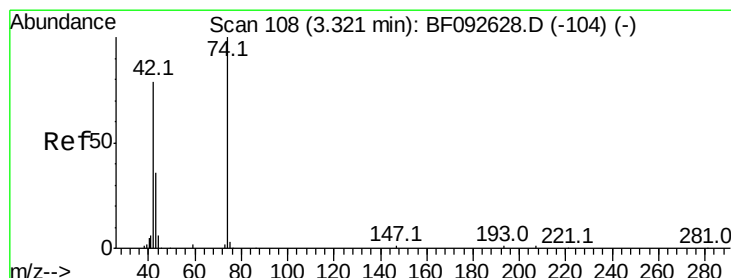
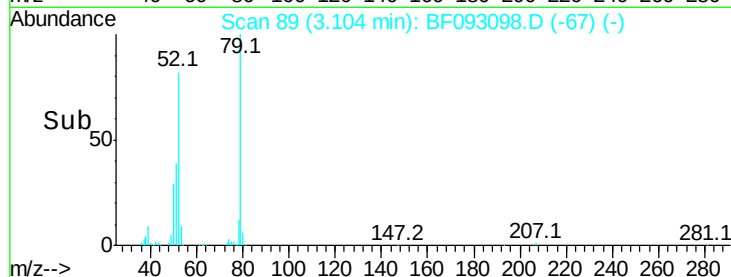
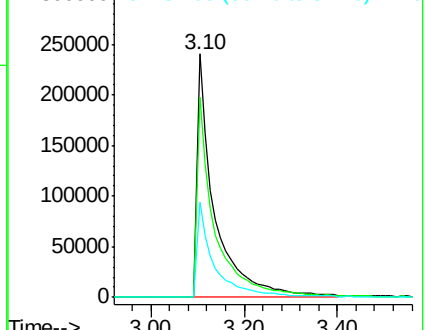
51 39.1 27.3 40.9



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: 38.88 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.03 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

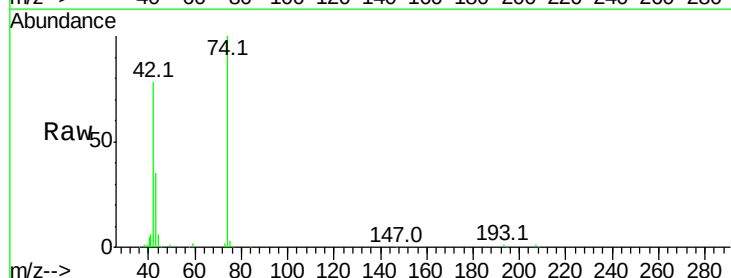
Tgt Ion: 42 Resp: 275067

Ion Ratio Lower Upper

42 100

74 127.5 117.0 175.4

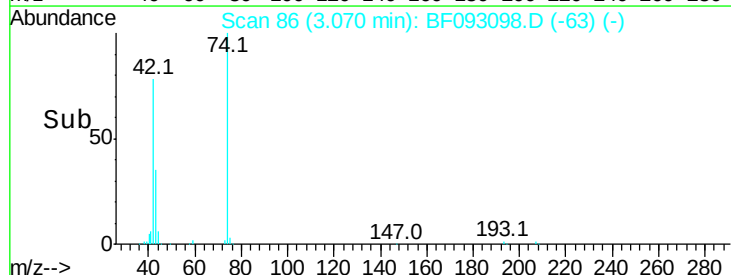
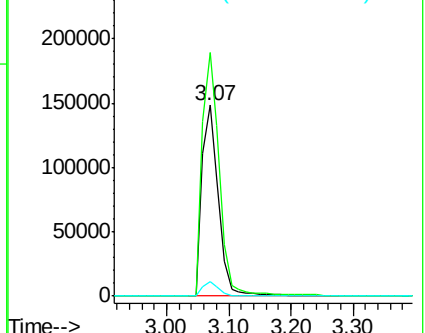
44 7.3 5.5 8.3

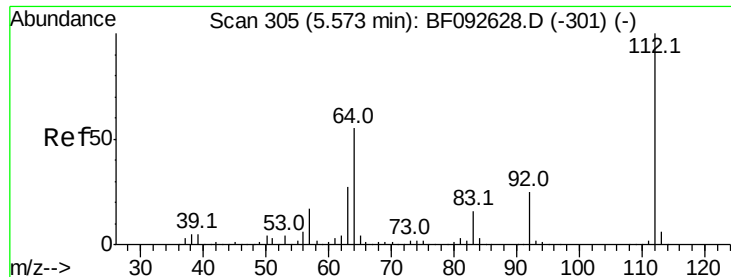


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.18 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

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SSTDCCC040

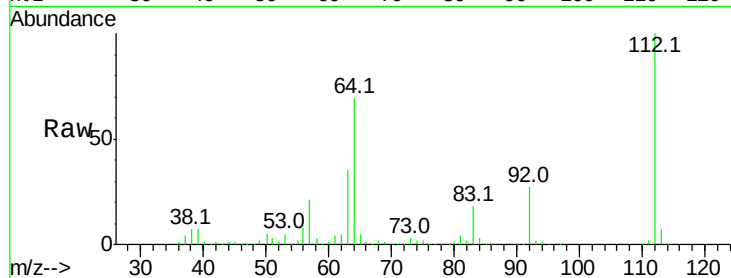
Tot Ion:112 Resp: 813322

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

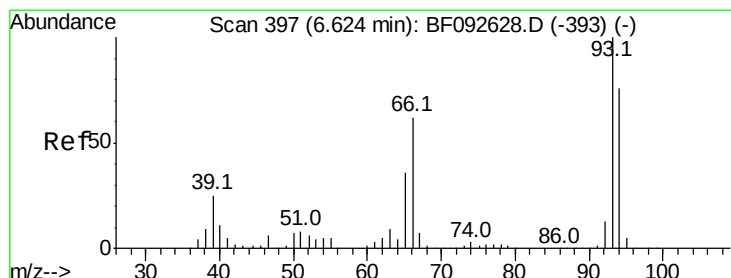
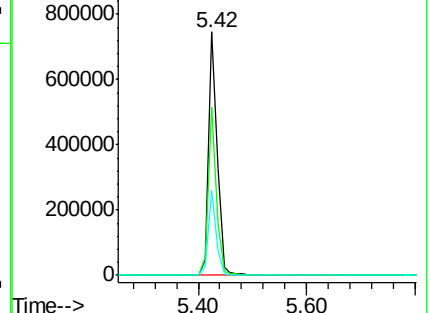
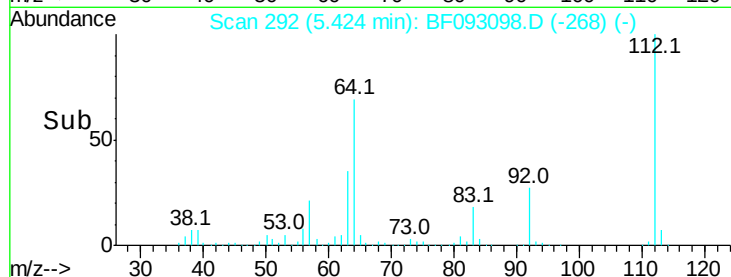
63 34.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.48 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

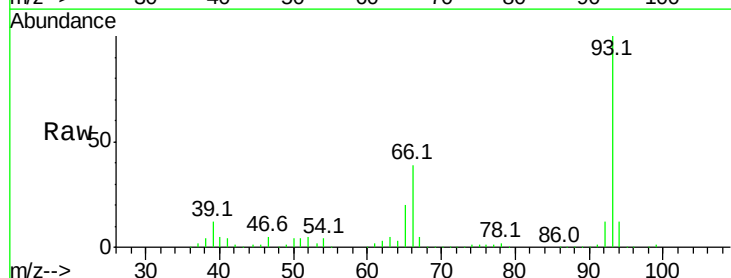
Tgt Ion: 93 Resp: 798205

Ion Ratio Lower Upper

93 100

66 39.2 76.2 114.2#

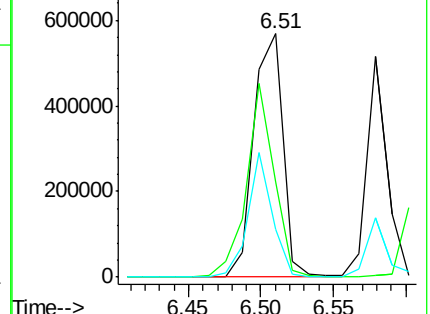
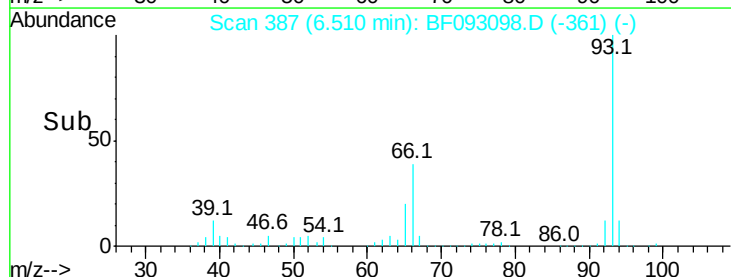
65 19.5 49.3 73.9#

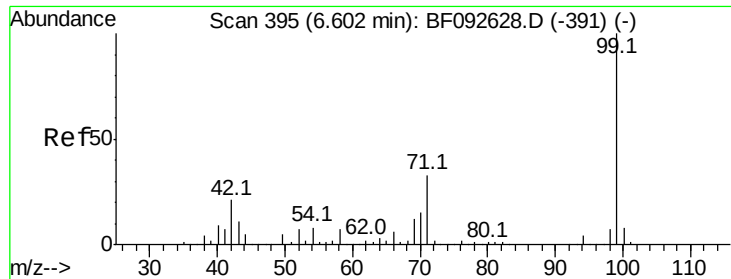


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

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ClientSampleId :

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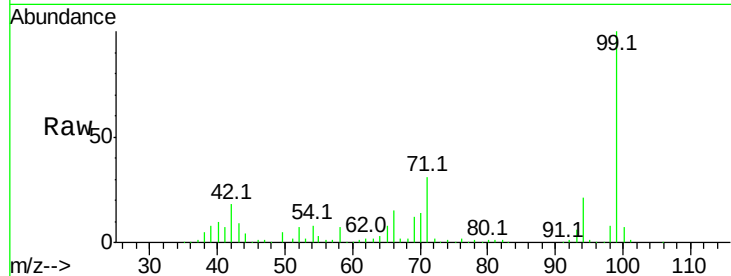
Tot Ion: 99 Resp: 1163307

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

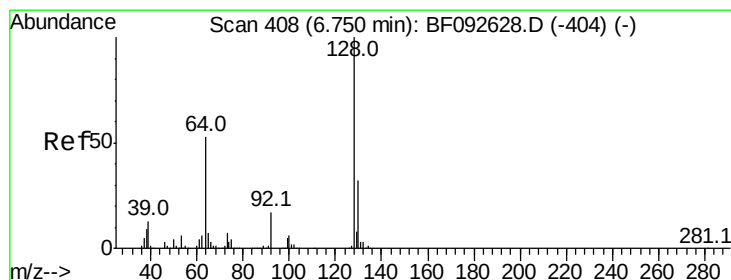
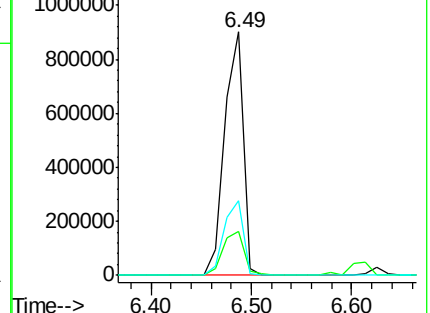
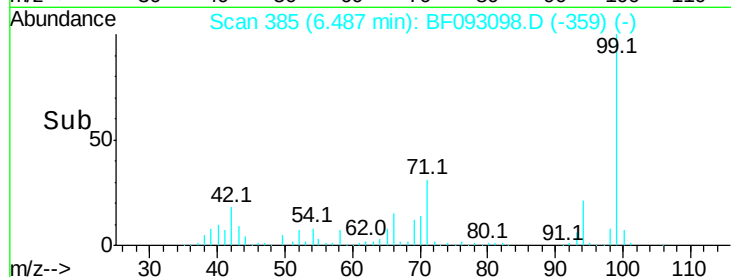
71 30.7 27.5 41.3



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: 40.23 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

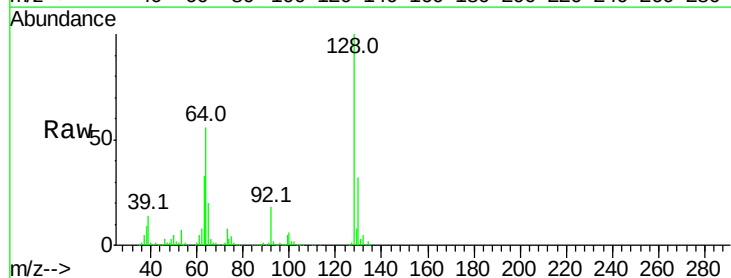
Tgt Ion: 128 Resp: 486609

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

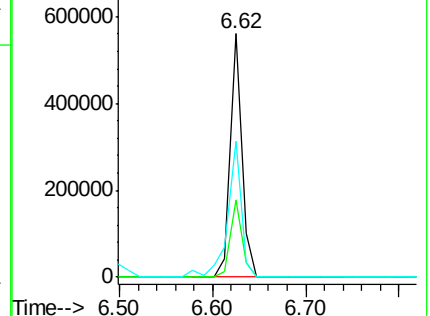
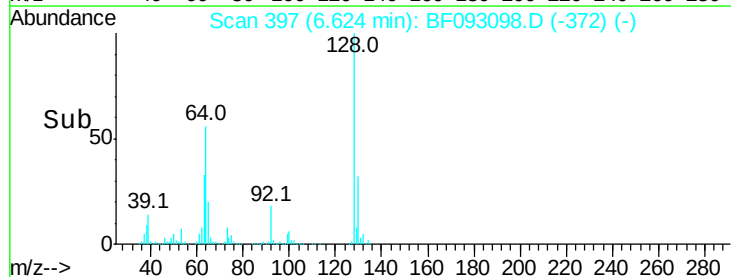
64 55.9 32.2 72.2

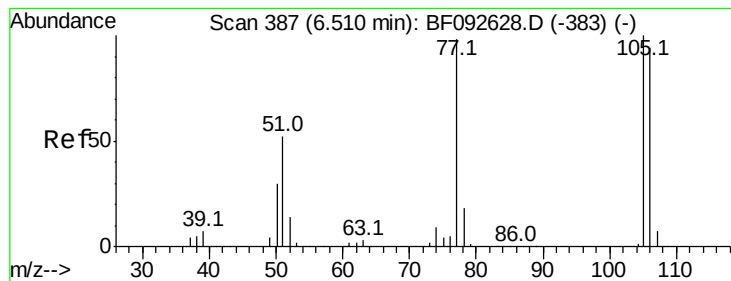


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

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SSTDCCC040

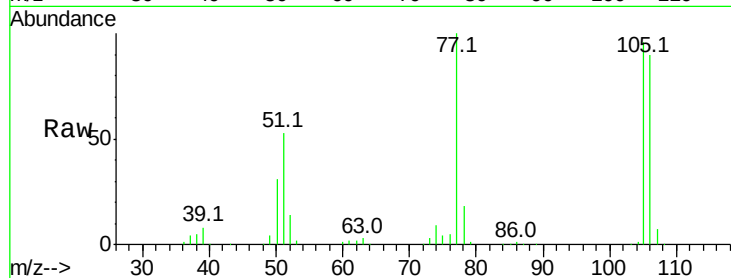
Tot Ion: 77 Resp: 337921

Ion Ratio Lower Upper

77 100

105 95.8 83.9 123.9

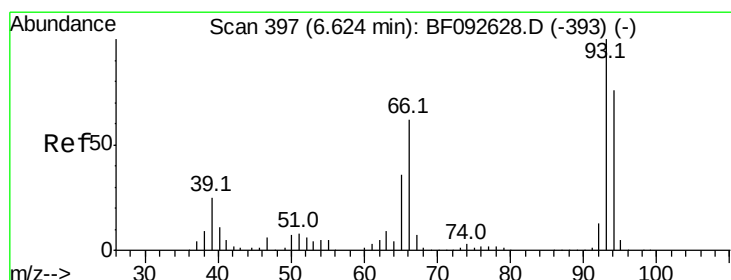
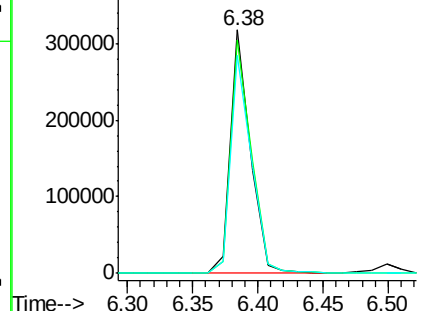
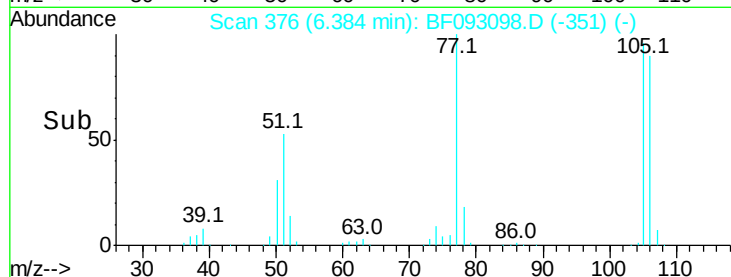
106 89.7 77.6 117.6



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: 42.96 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

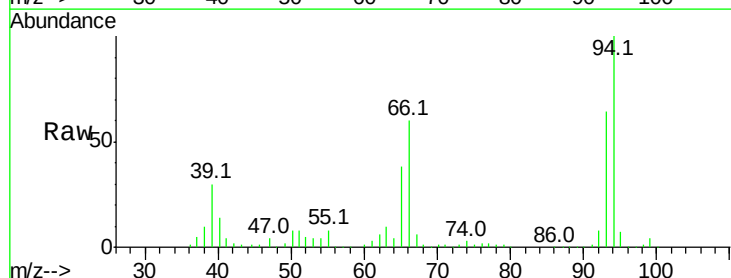
Tgt Ion: 94 Resp: 709174

Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

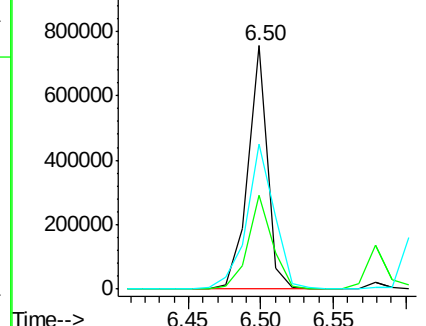
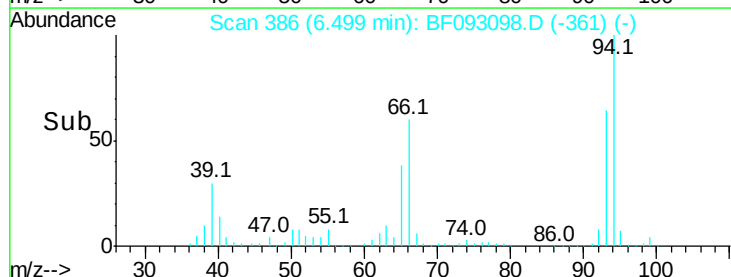
66 59.8 44.0 84.0

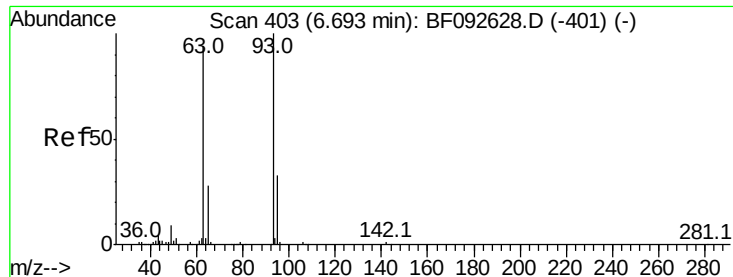


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.00 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

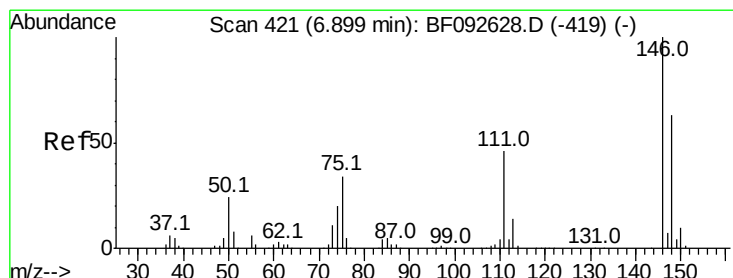
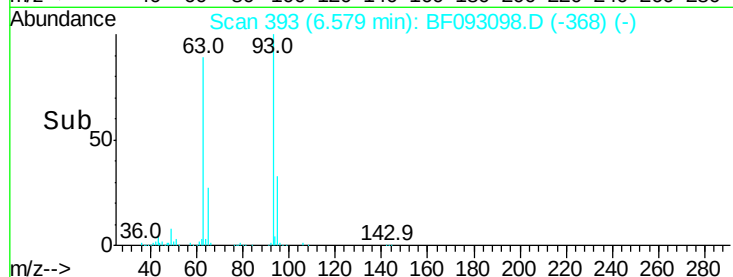
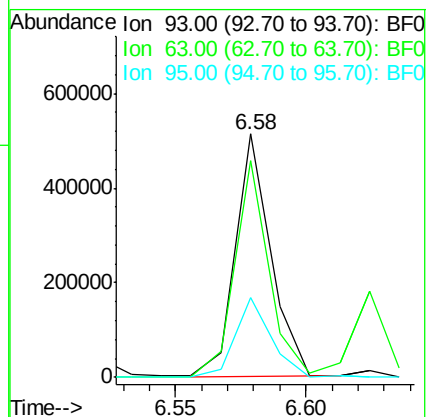
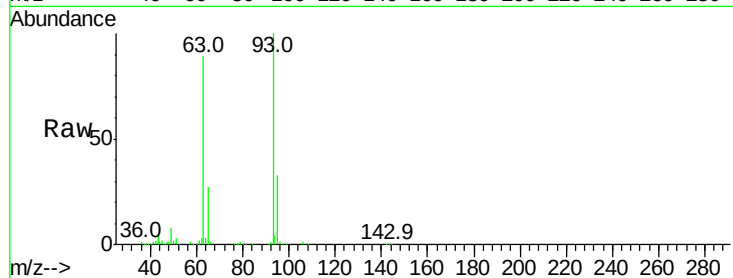
Tot Ion: 93 Resp: 487515

Ion Ratio Lower Upper

93 100

63 88.9 60.4 100.4

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.43 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

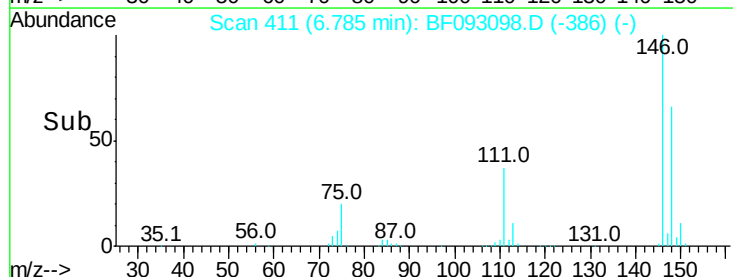
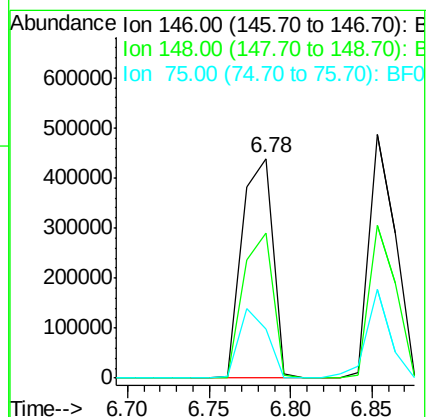
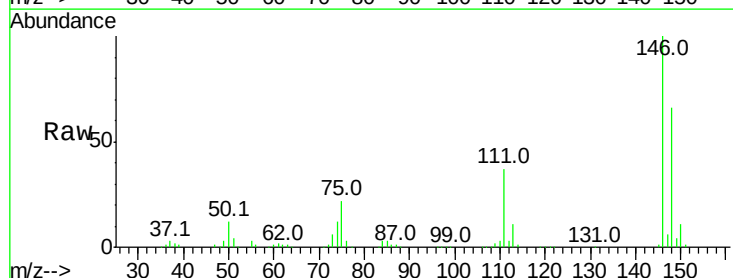
Tgt Ion: 146 Resp: 572762

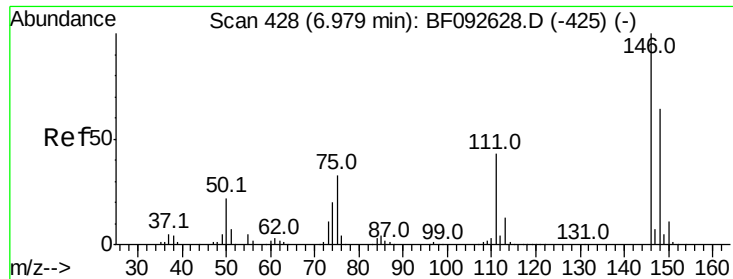
Ion Ratio Lower Upper

146 100

148 66.2 53.4 80.0

75 22.1 18.5 27.7

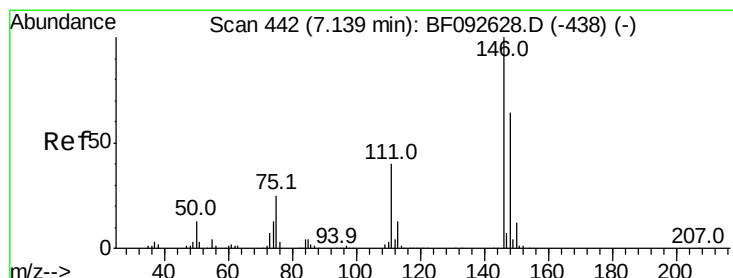
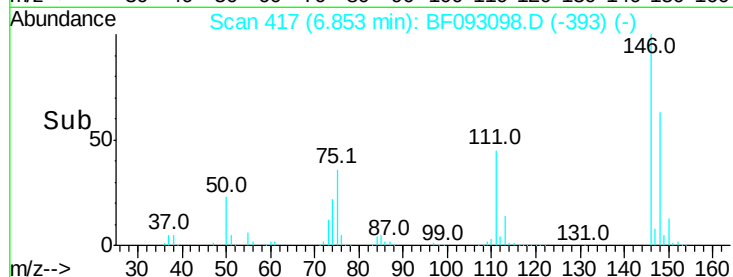
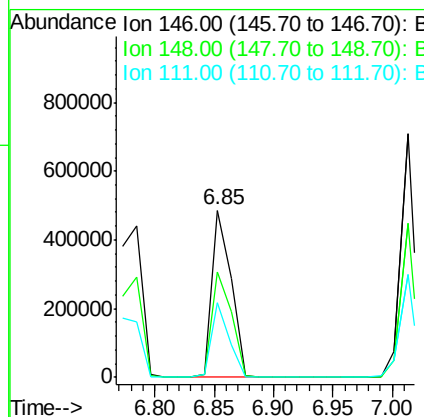
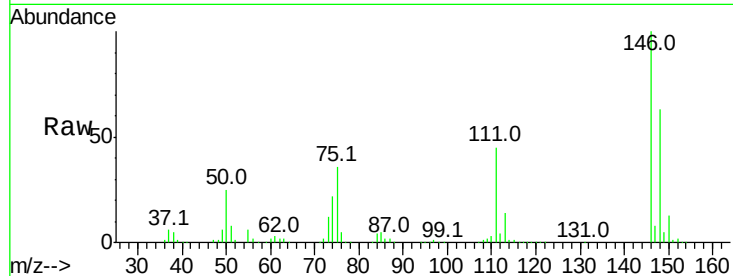




#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

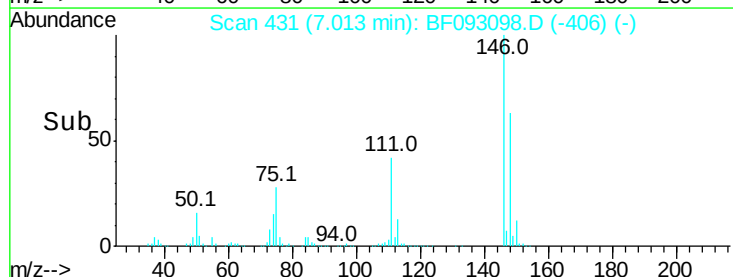
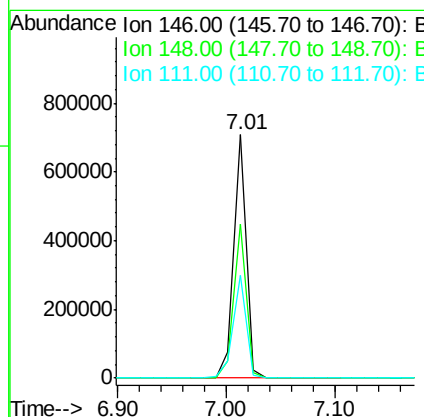
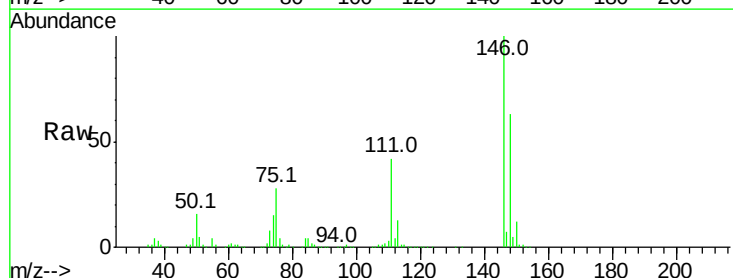
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

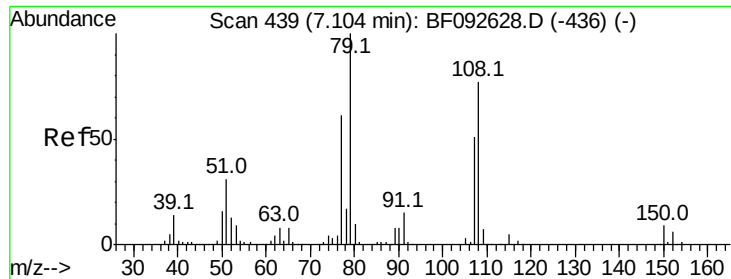
Tot Ion:146 Resp: 545352
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 76.0
 111 44.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:146 Resp: 557598
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 42.0 36.2 54.2

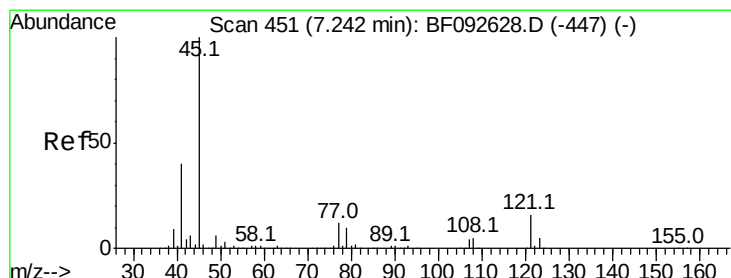
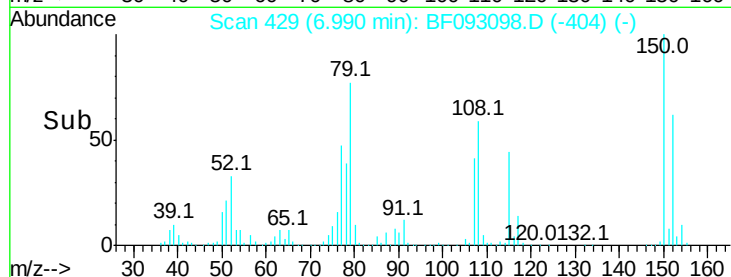
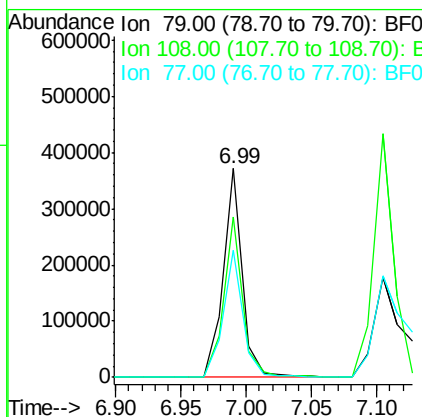
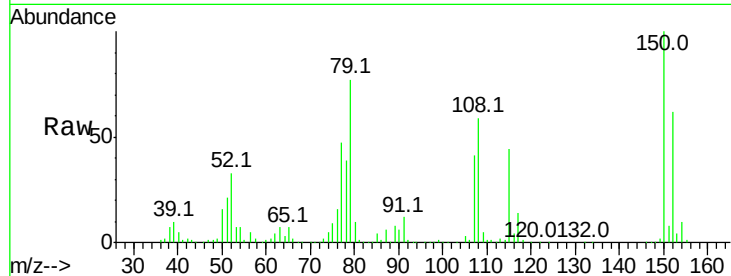




#15
Benzyl Alcohol
Concen: 36.57 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

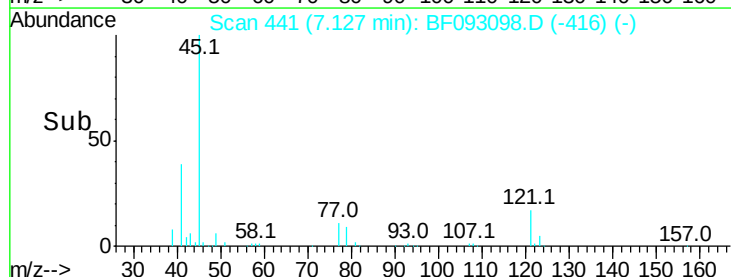
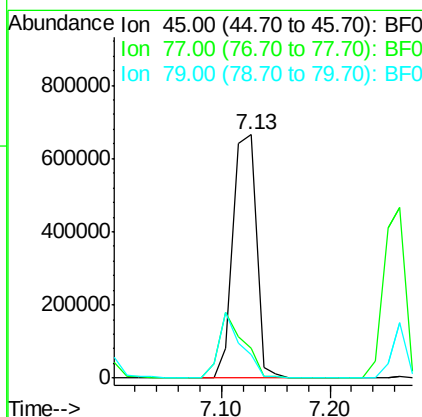
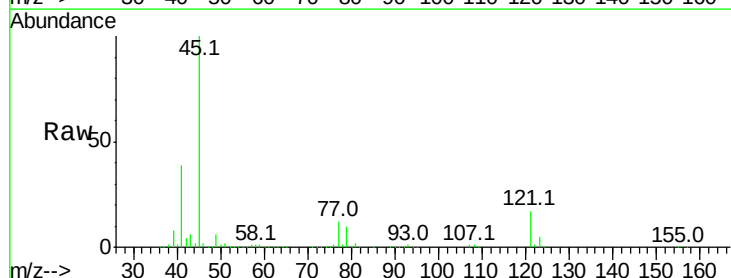
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

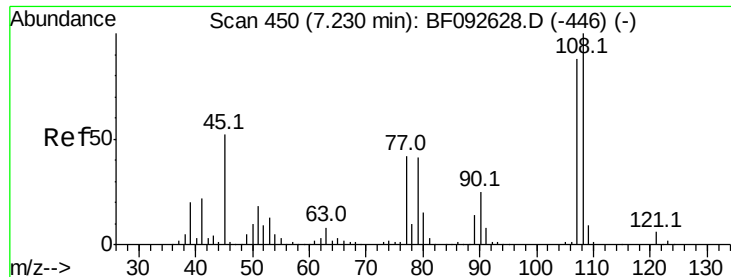
Tot Ion: 79 Resp: 381966
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.98 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion: 45 Resp: 983694
Ion Ratio Lower Upper
45 100
77 12.1 0.0 34.6
79 9.6 0.0 31.2

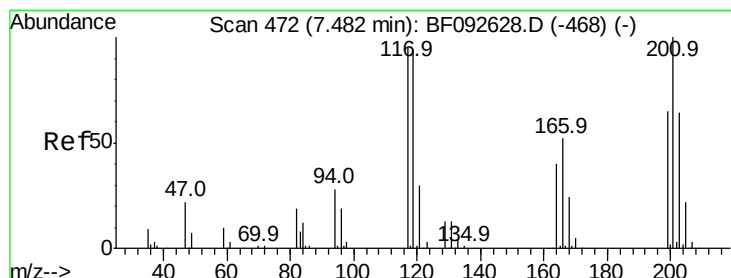
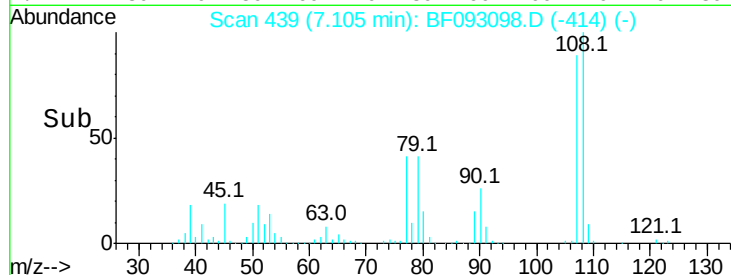
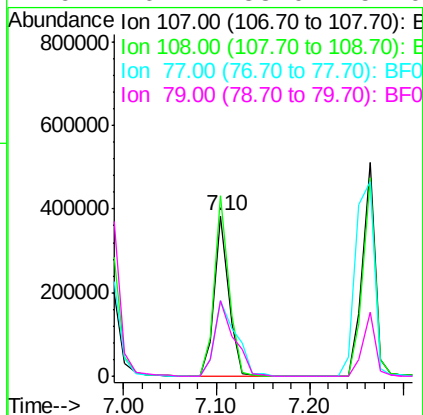
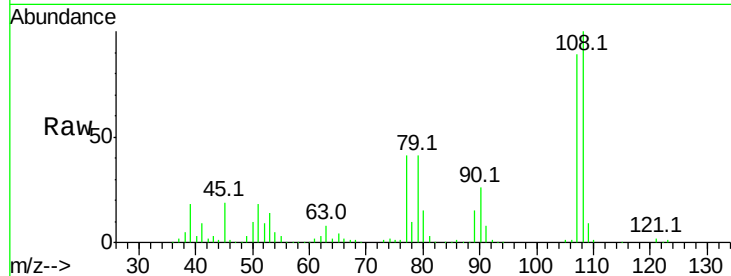




#17
2-Methylphenol
Concen: 40.41 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

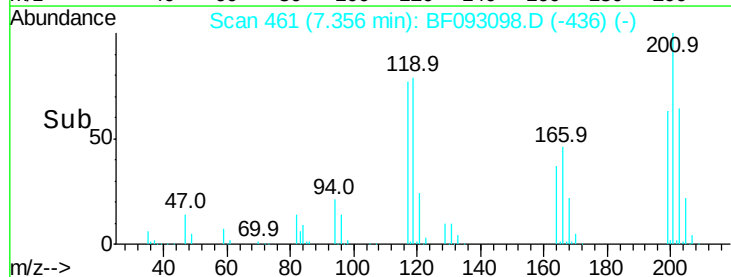
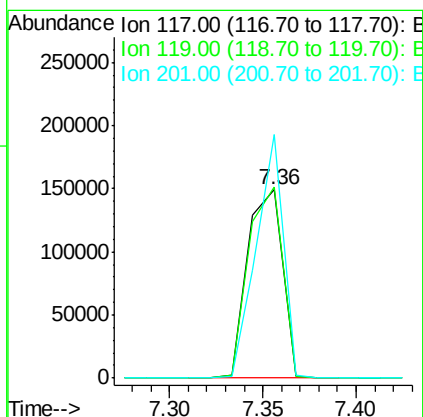
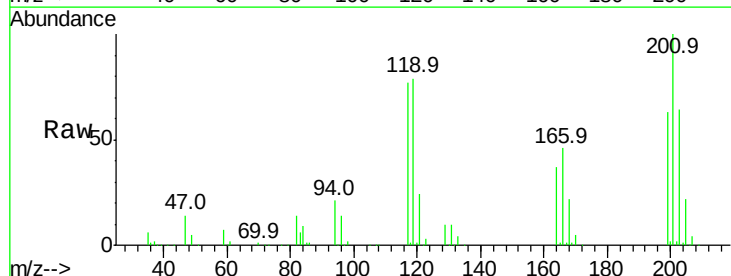
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

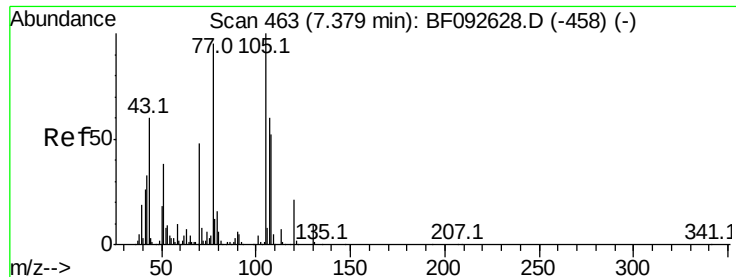
Tot Ion:	107	Resp:	419341
Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	46.8	39.8	59.8
79	46.7	38.0	57.0



#18
Hexachloroethane
Concen: 39.51 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:	117	Resp:	193417
Ion	Ratio	Lower	Upper
117	100		
119	101.7	78.1	117.1
201	129.3	78.6	117.8#

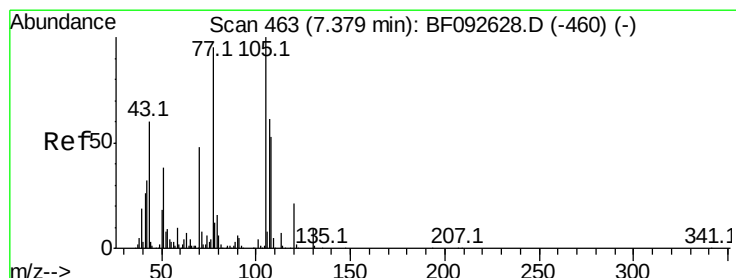
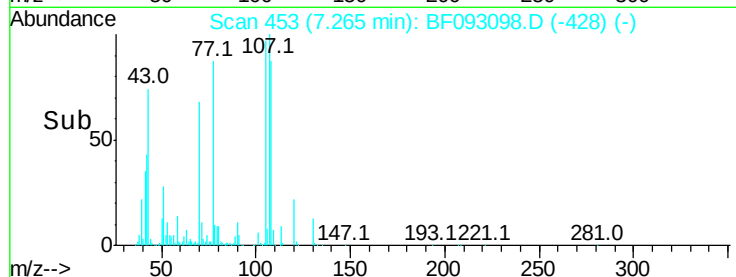
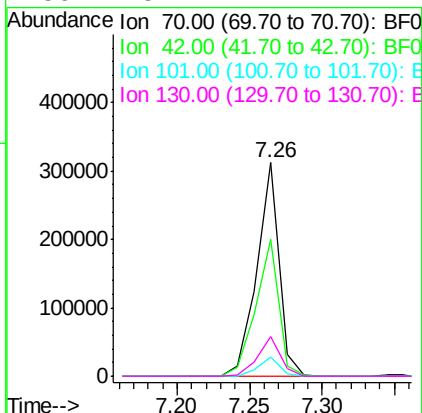
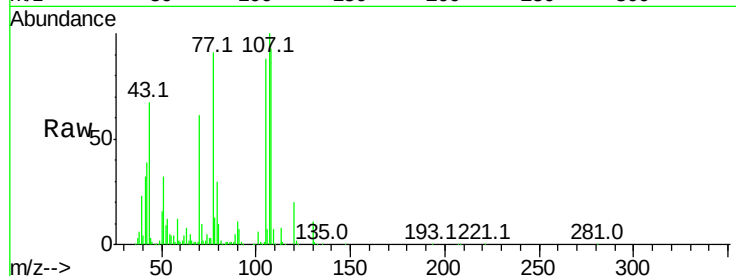




#19
n-Nitroso-di-n-propylamine
Concen: 37.06 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

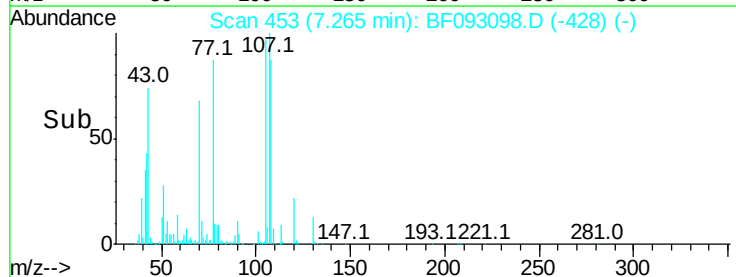
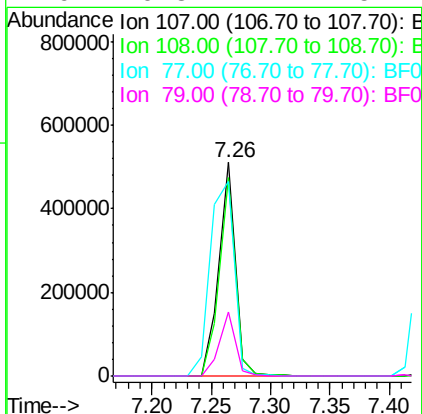
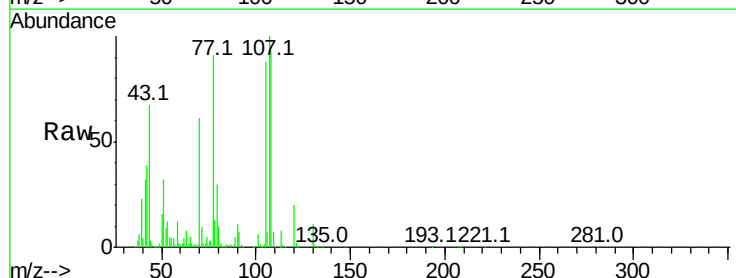
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

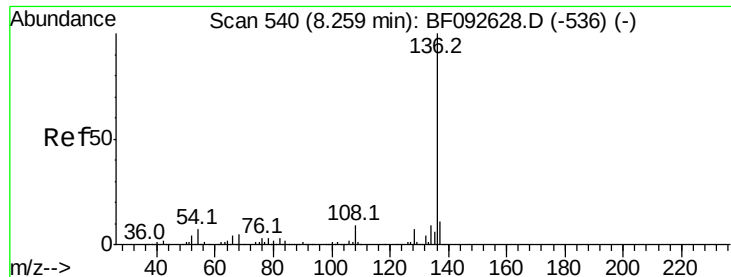
Tot Ion: 70 Resp: 332860
Ion Ratio Lower Upper
70 100
42 64.1 49.4 74.0
101 9.1 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion: 107 Resp: 494364
Ion Ratio Lower Upper
107 100
108 92.7 73.0 113.0
77 91.1 71.3 111.3
79 29.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 739393

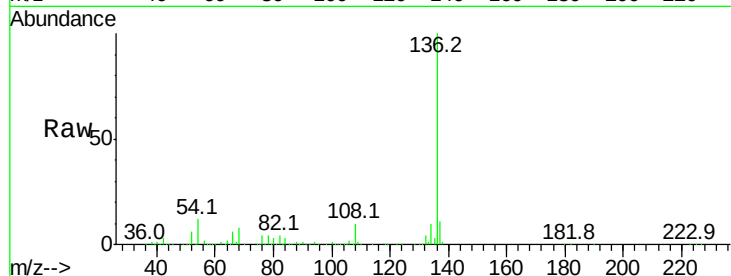
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.4 4.5 6.7#

68 8.2 3.6 5.4#

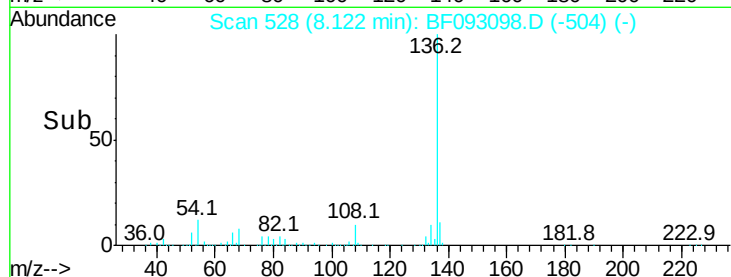


Abundance Ion 136.00 (135.70 to 136.70): E

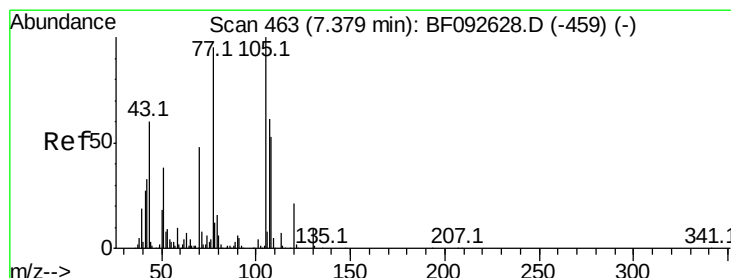
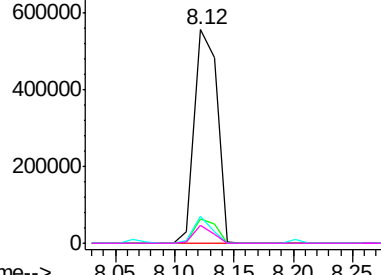
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.47 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:105 Resp: 666325

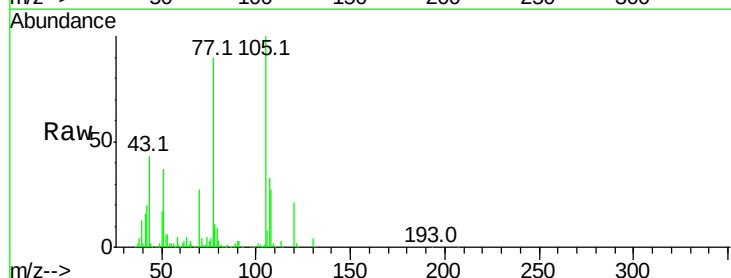
Ion Ratio Lower Upper

105 100

71 4.4 3.2 4.8

51 37.4 26.2 39.4

120 20.9 16.6 24.8

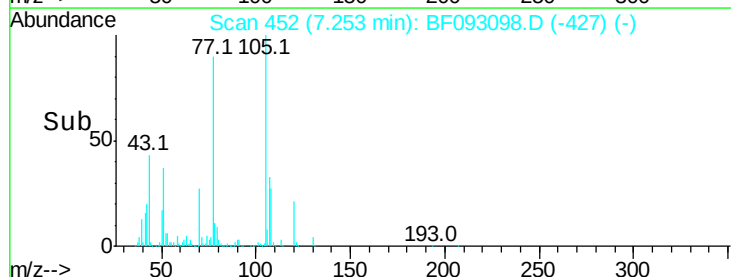


Abundance Ion 105.00 (104.70 to 105.70): E

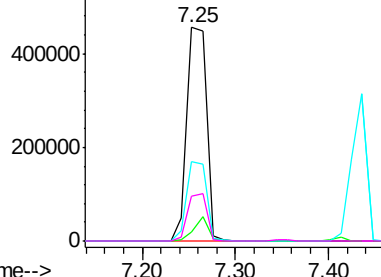
Ion 71.00 (70.70 to 71.70): BF0

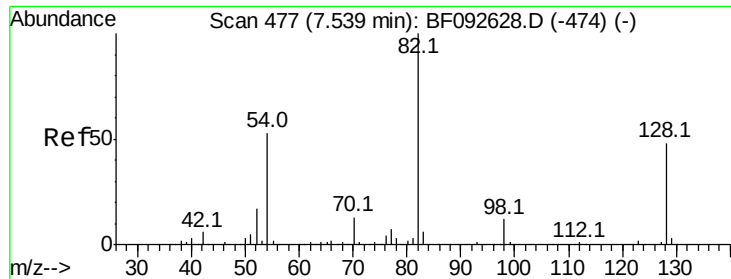
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



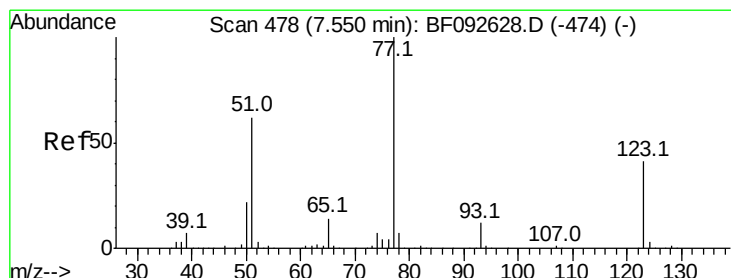
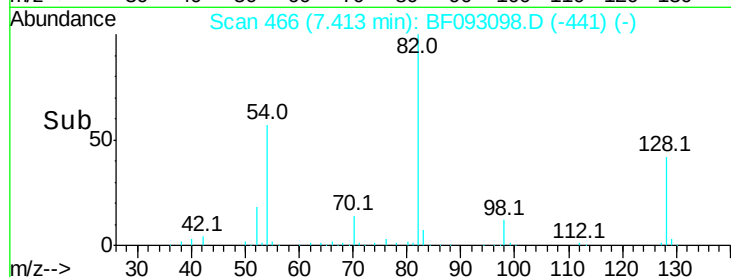
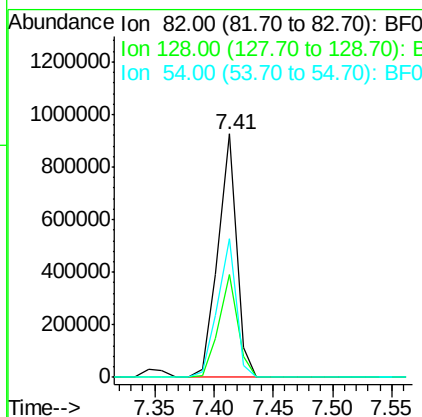
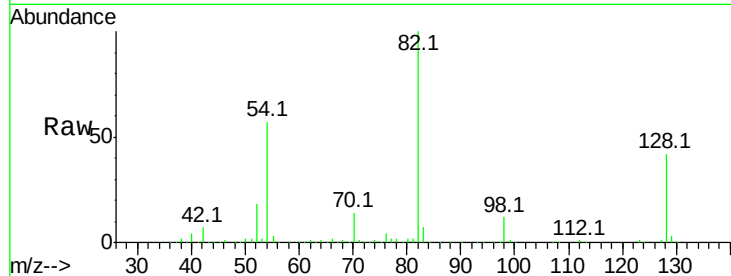


#23
 Nitrobenzene-d5
 Concen: 75.79 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion: 82 Resp: 1006242

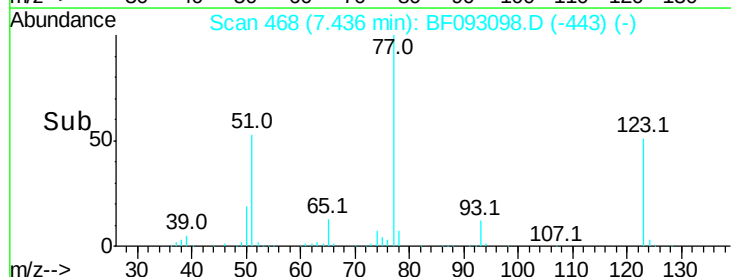
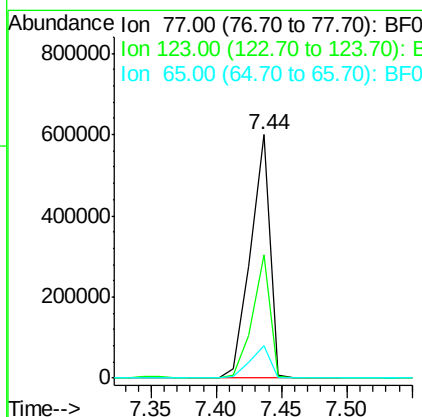
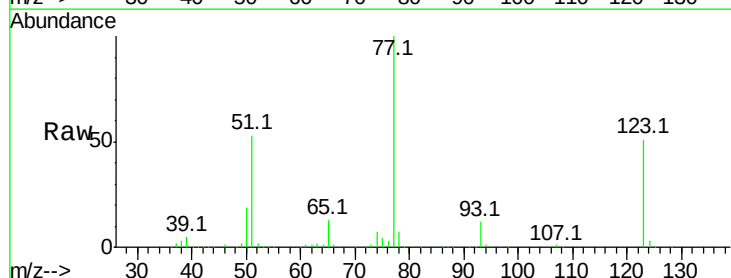
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.8	39.5	59.3

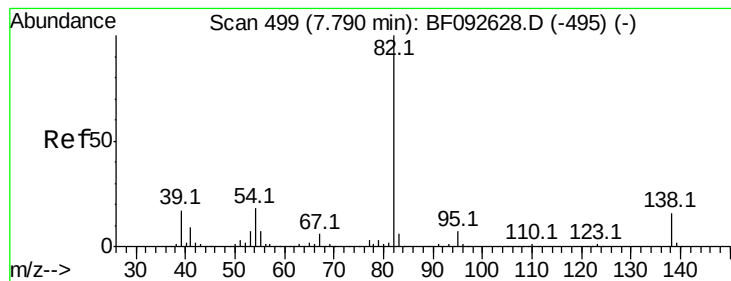


#24
 Nitrobenzene
 Concen: 45.64 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion: 77 Resp: 622225

Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.4#
65	13.2	11.2	16.8





#25

Isophorone

Concen: 41.66 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

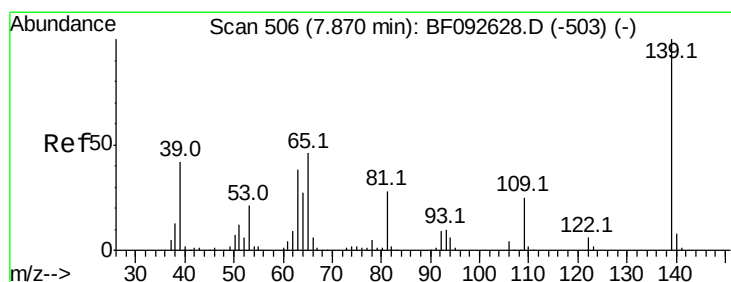
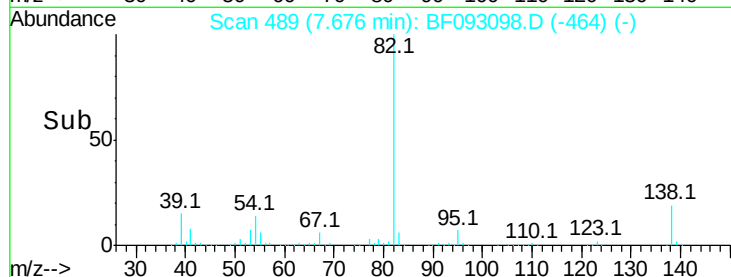
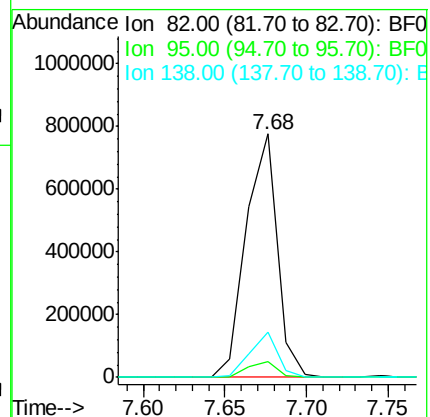
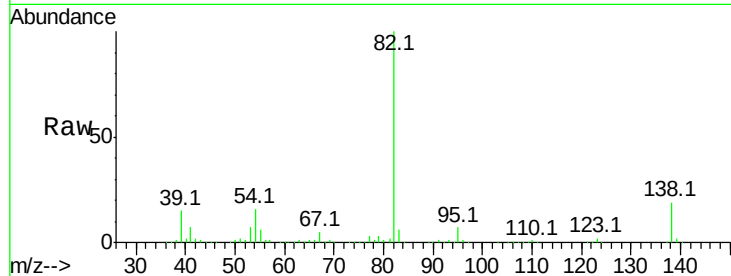
Tot Ion: 82 Resp: 1030706

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.8 14.6 22.0



#26

2-Nitrophenol

Concen: 40.60 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

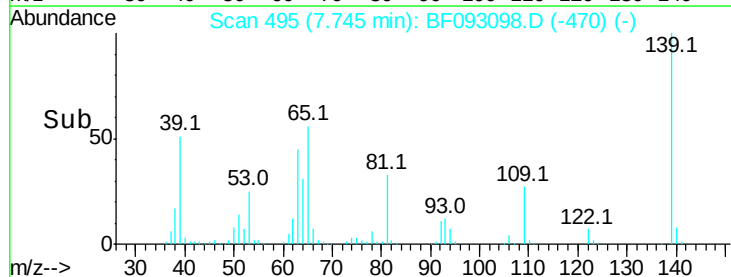
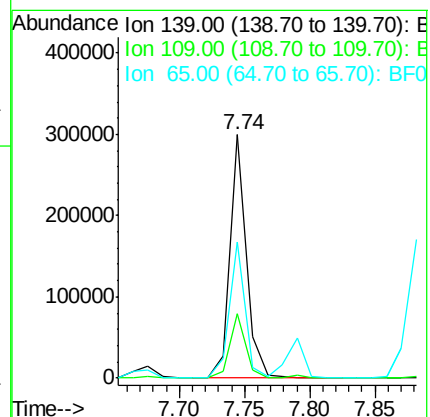
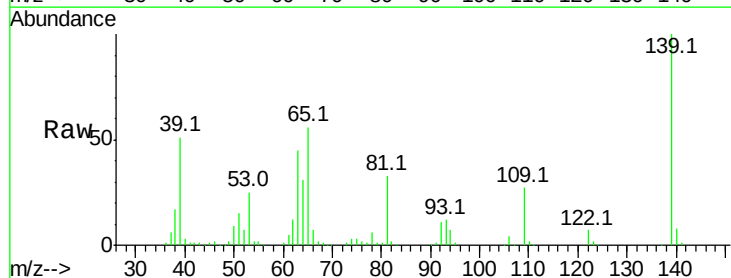
Tgt Ion: 139 Resp: 263115

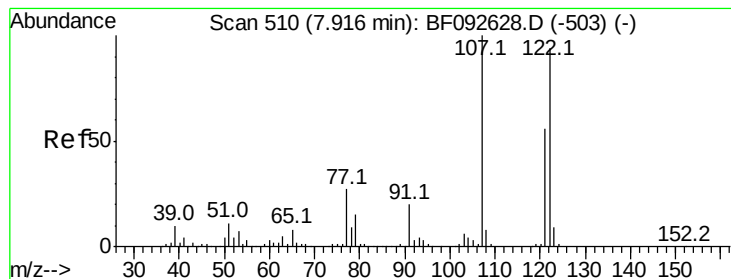
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 56.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.28 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

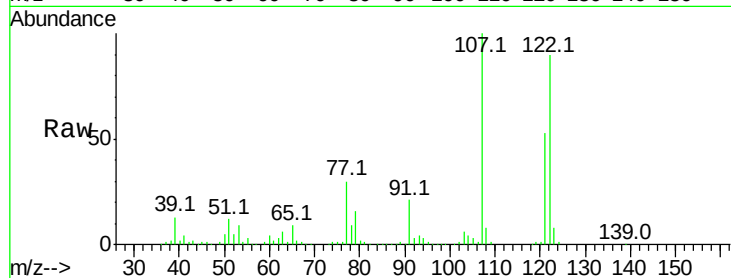
Tot Ion:122 Resp: 469807

Ion Ratio Lower Upper

122 100

107 111.3 94.1 141.1

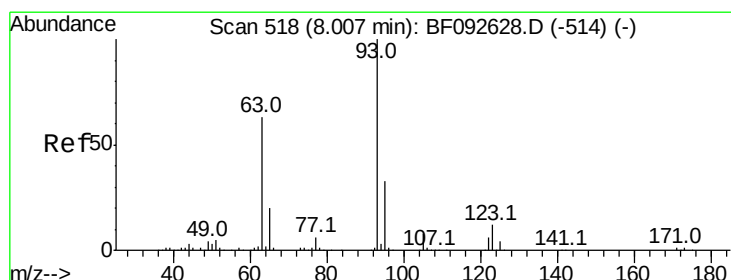
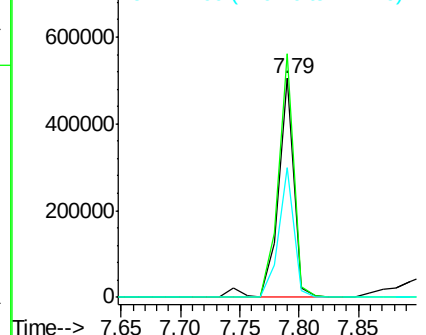
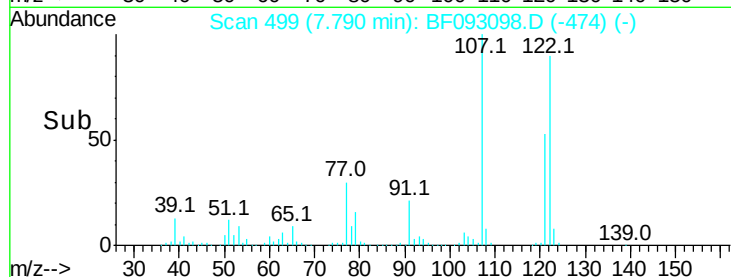
121 59.2 46.0 69.0



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: 39.89 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

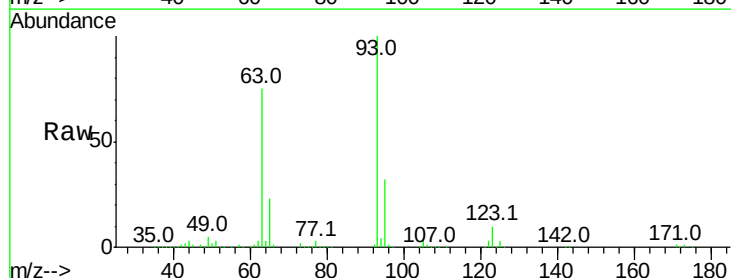
Tgt Ion: 93 Resp: 653629

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

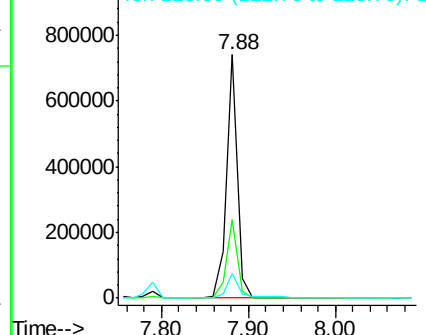
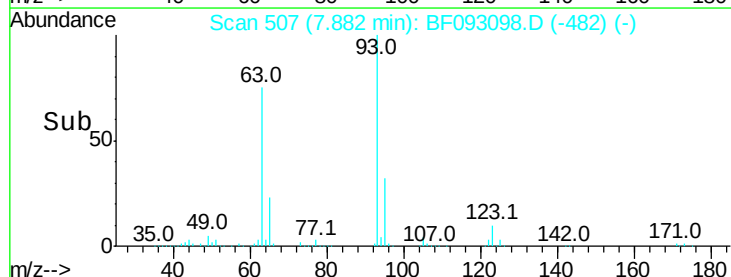
123 10.1 8.6 13.0

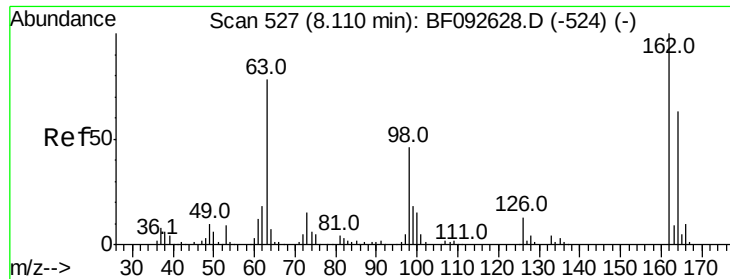


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

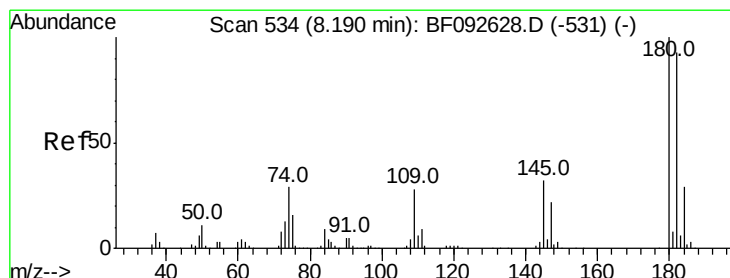
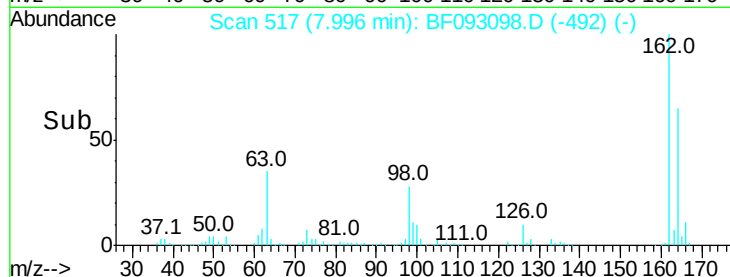
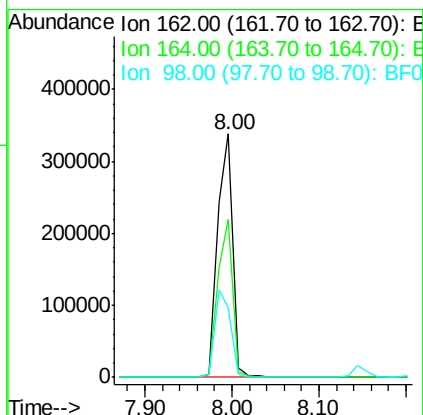
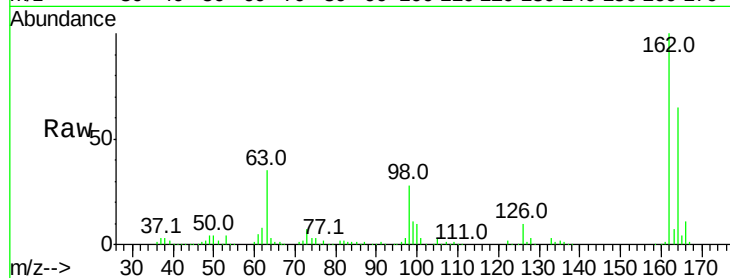




#29
2,4-Dichlorophenol
Concen: 39.44 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

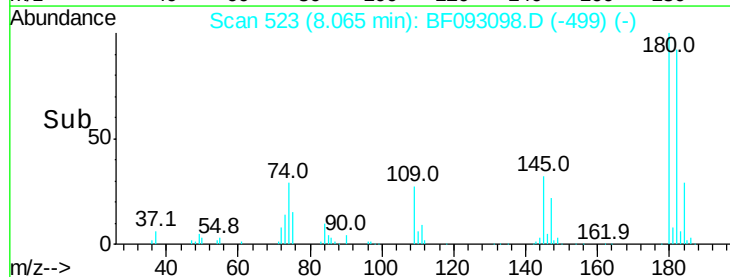
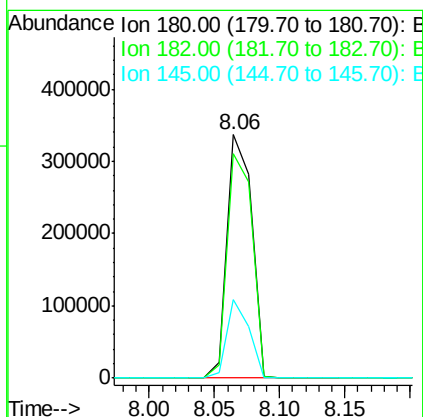
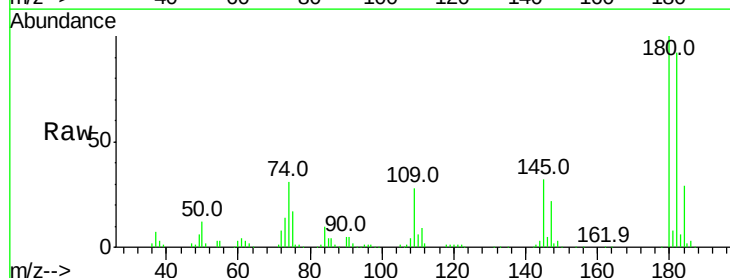
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

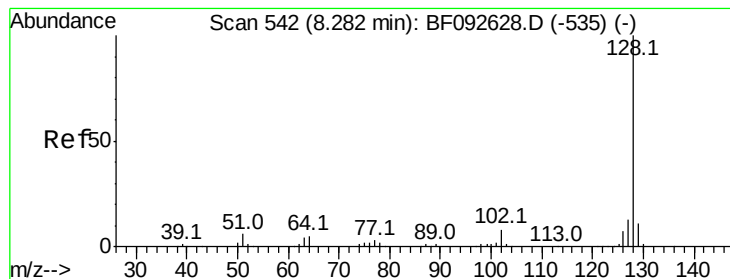
Tot Ion:162 Resp: 418661
Ion Ratio Lower Upper
162 100
164 64.6 46.8 86.8
98 28.4 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 38.64 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:180 Resp: 442001
Ion Ratio Lower Upper
180 100
182 92.3 78.2 117.4
145 32.1 21.6 32.4





#31

Naphthalene

Concen: 37.31 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

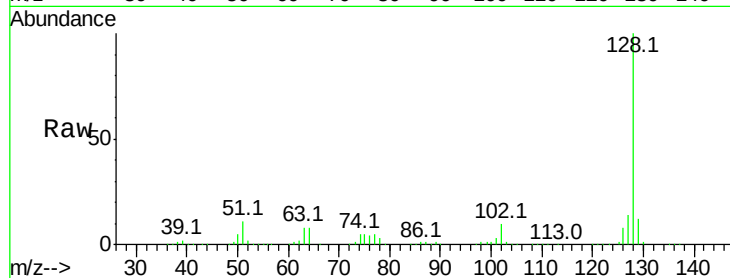
Tot Ion:128 Resp: 1398464

Ion Ratio Lower Upper

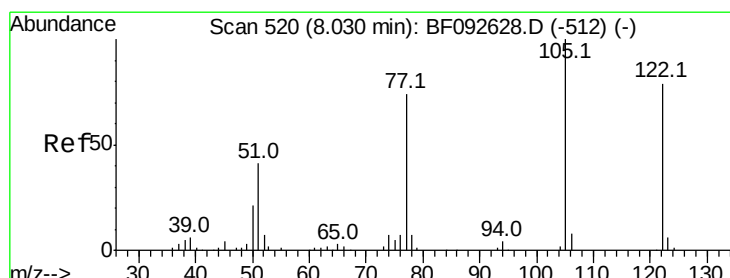
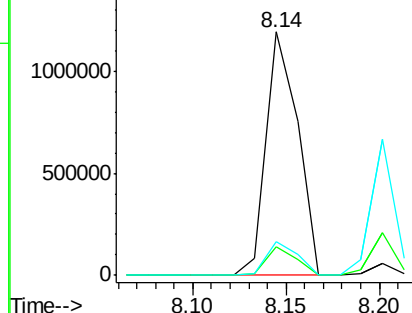
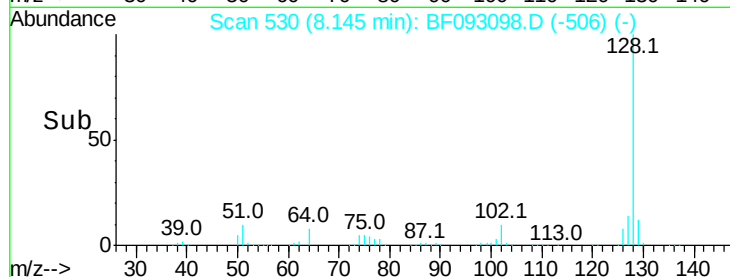
128 100

129 11.9 9.5 14.3

127 13.8 10.8 16.2



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



#32

Benzoic acid

Concen: 43.08 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

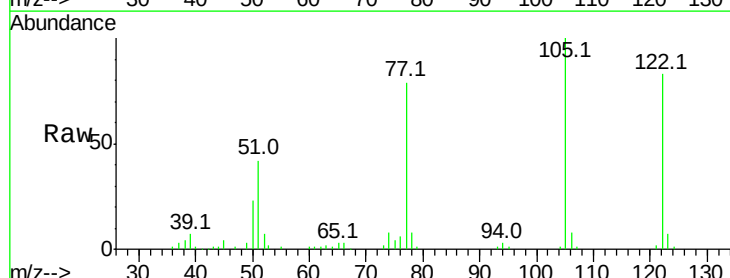
Tgt Ion:122 Resp: 272261

Ion Ratio Lower Upper

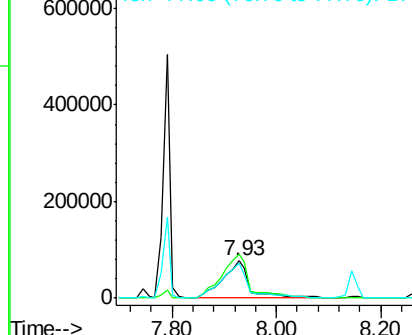
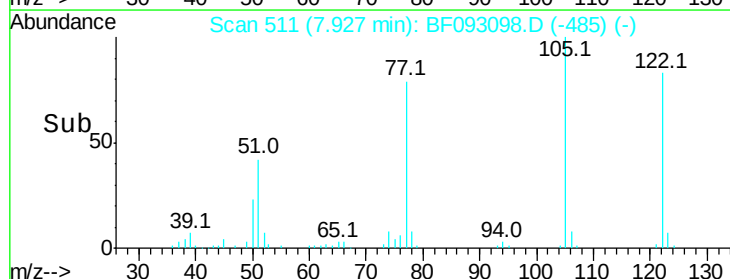
122 100

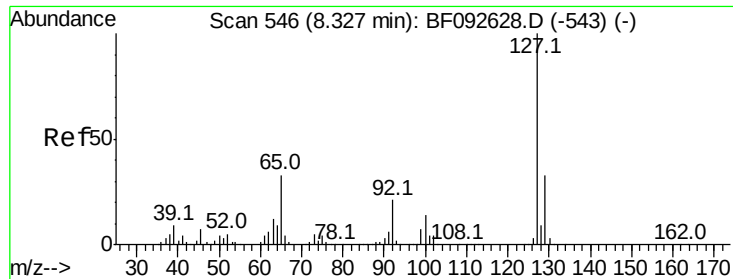
105 120.5 107.2 147.2

77 94.9 74.5 114.5



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

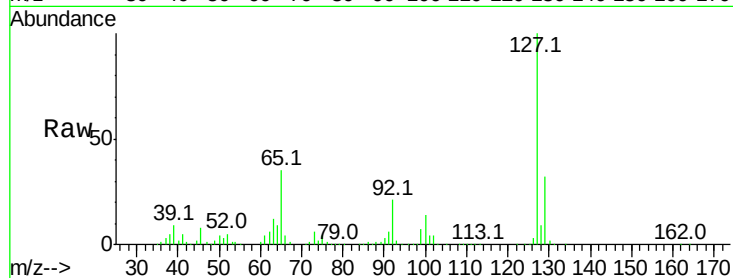




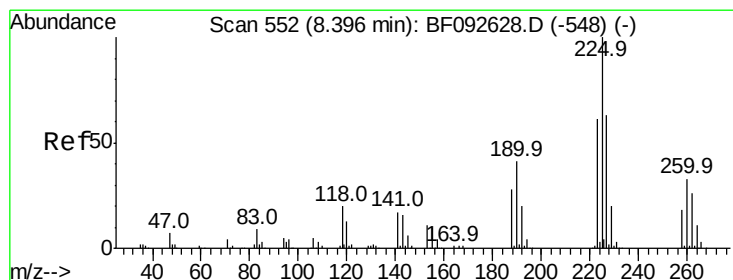
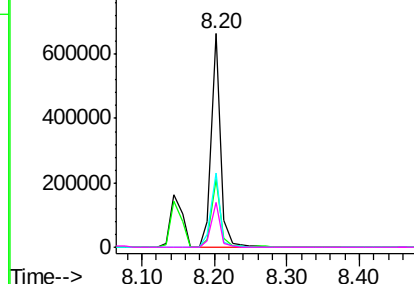
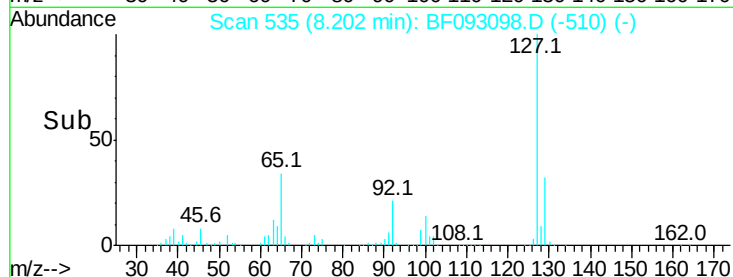
#33
4-Chloroaniline
Concen: 40.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	589919
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	34.7	25.8	38.8
92	21.2	16.1	24.1

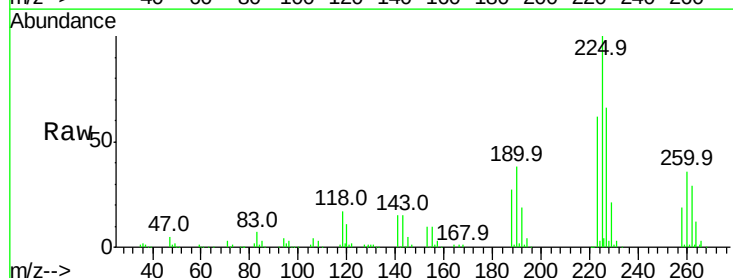


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

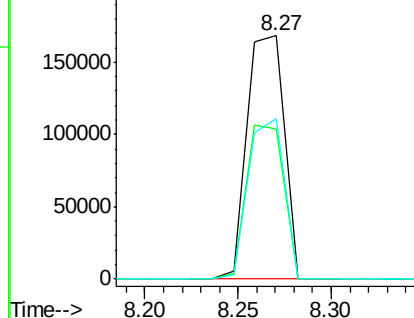
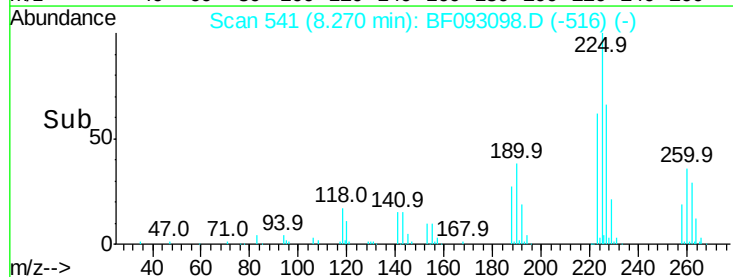


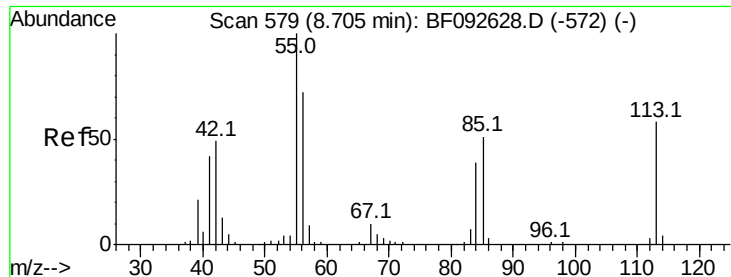
#34
Hexachlorobutadiene
Concen: 36.84 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:	225	Resp:	231870
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	65.7	50.6	76.0



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

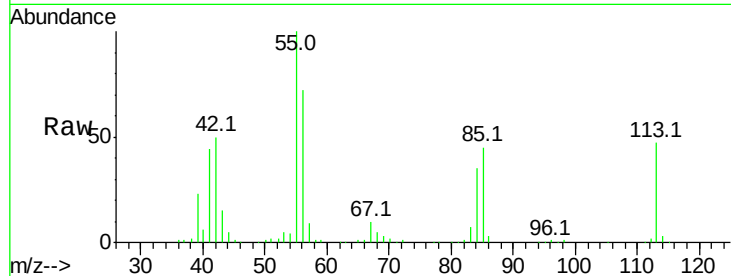




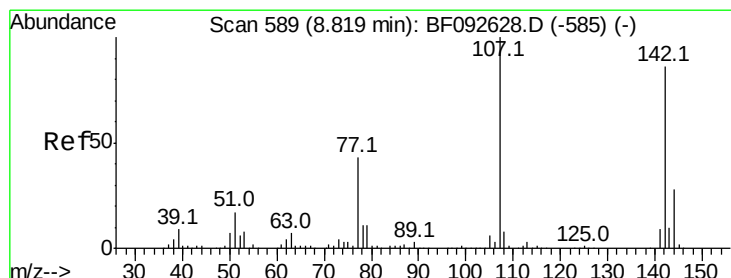
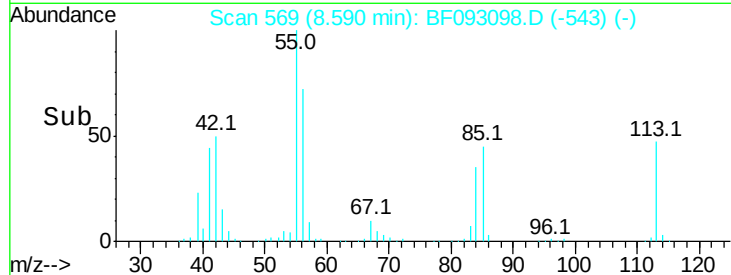
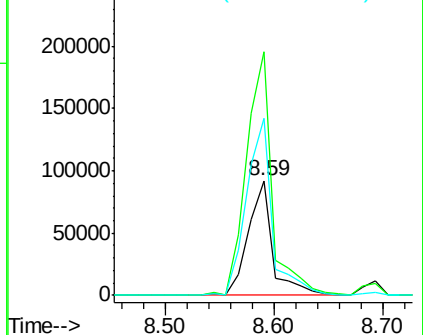
#35
 Caprolactam
 Concen: 42.68 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 142493
 Ion Ratio Lower Upper
 113 100
 55 212.6 119.2 159.2#
 56 154.1 83.8 123.8#

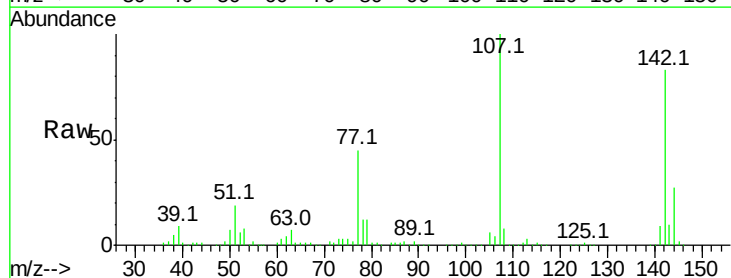


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

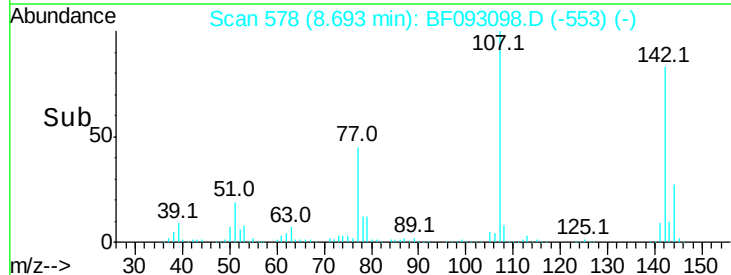
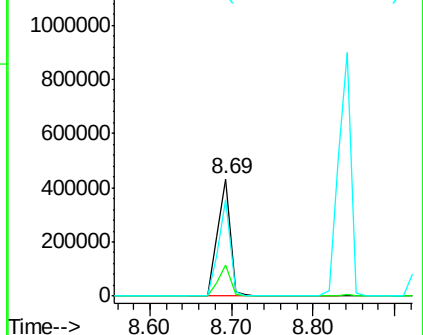


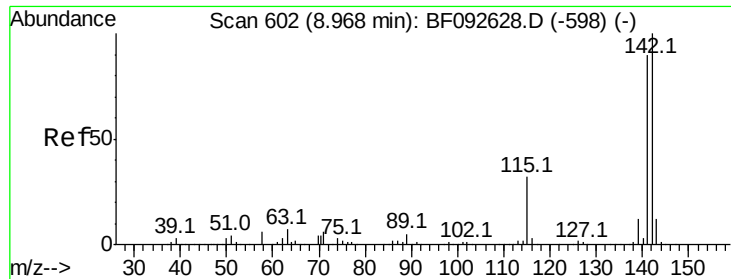
#36
 4-Chloro-3-methylphenol
 Concen: 42.11 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:107 Resp: 466038
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.3 28.9
 142 82.7 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

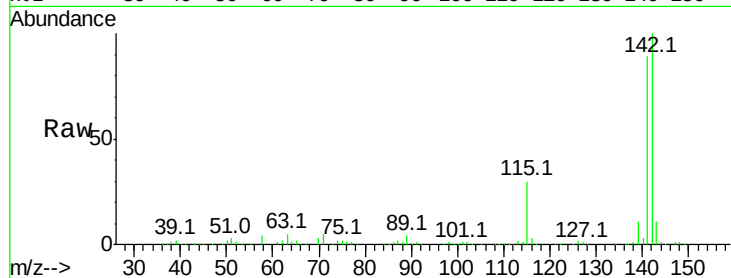




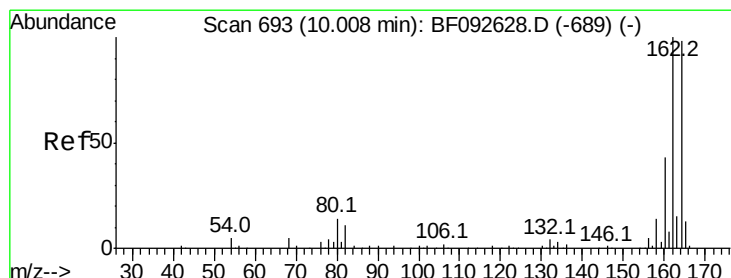
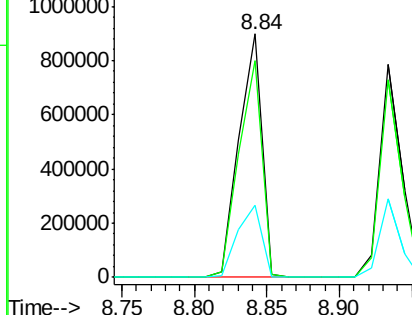
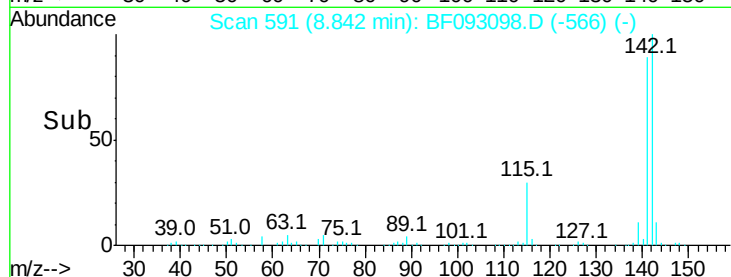
#37
 2-Methylnaphthalene
 Concen: 41.08 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 988734
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 29.8 28.3 42.5

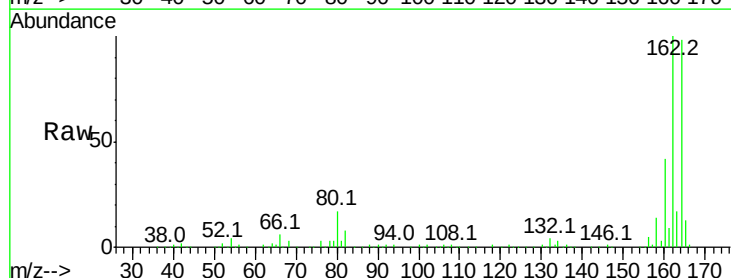


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

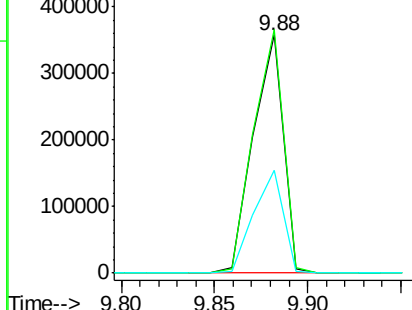
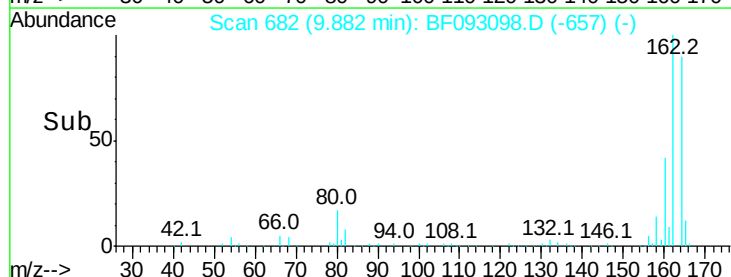


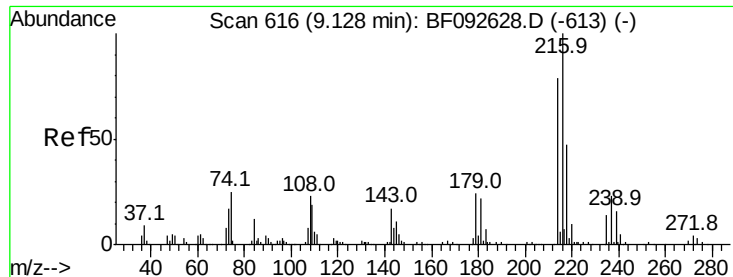
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:164 Resp: 395121
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.2 120.2
 160 43.0 36.9 55.3



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

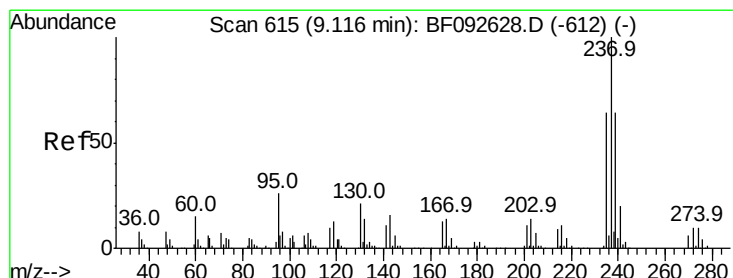
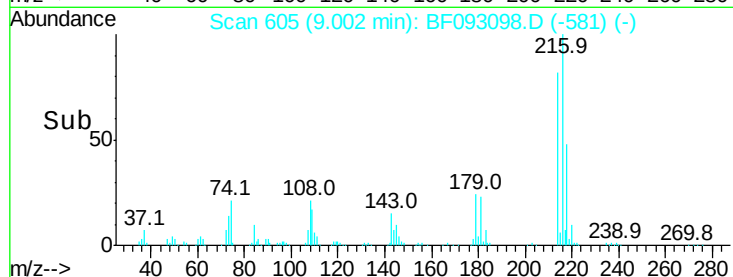
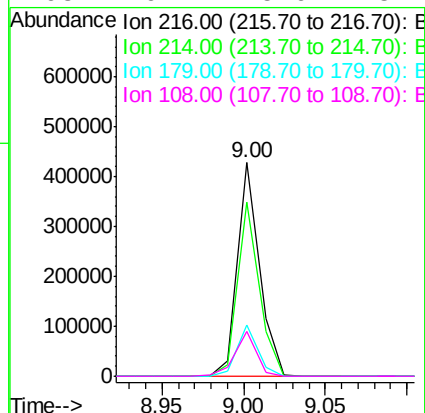
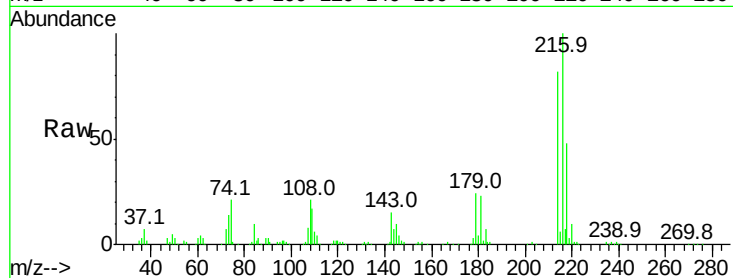




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.60 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

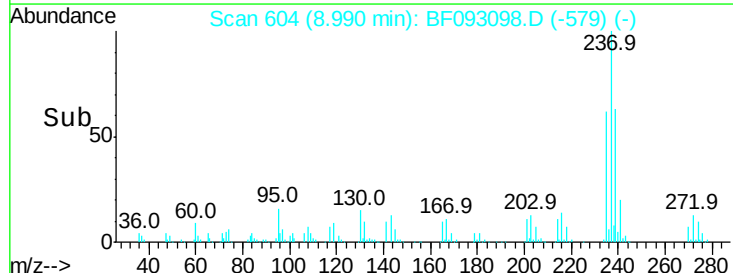
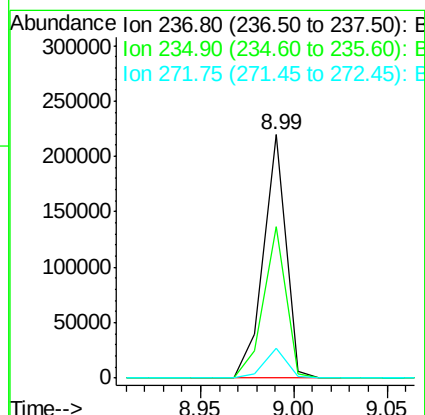
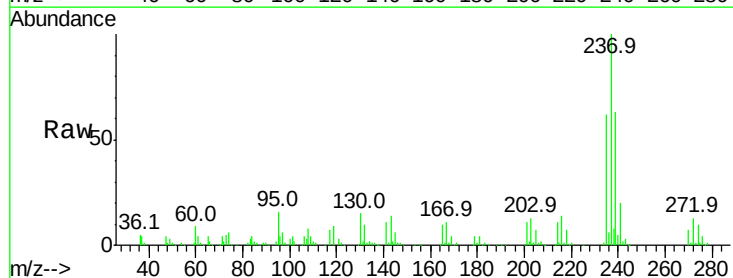
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

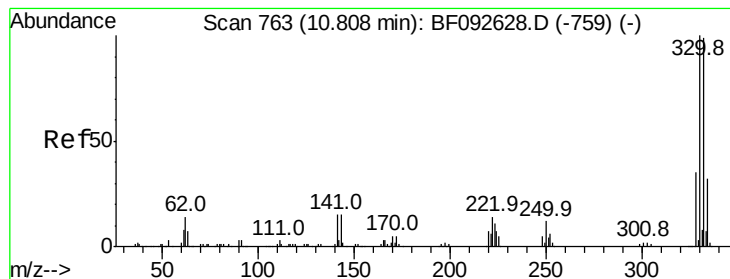
Tot Ion:	216	Resp:	394857
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.0
179	22.4	17.4	26.2
108	20.2	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 36.42 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:	237	Resp:	182257
Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.2	81.2
272	12.5	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 80.84 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

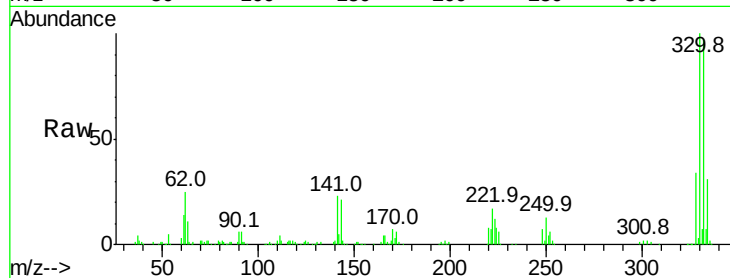
Tot Ion:330 Resp: 231015

Ion Ratio Lower Upper

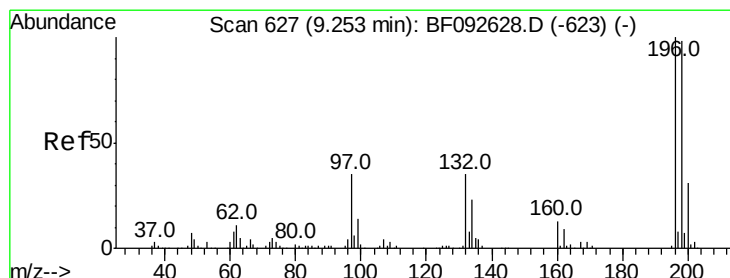
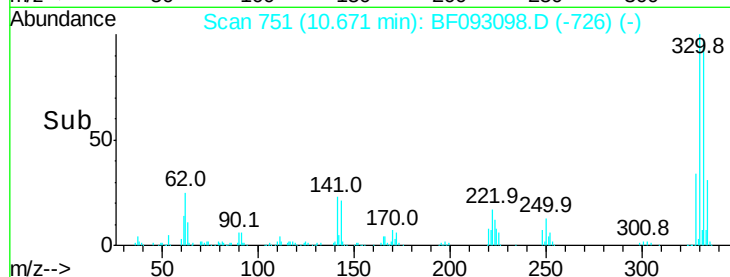
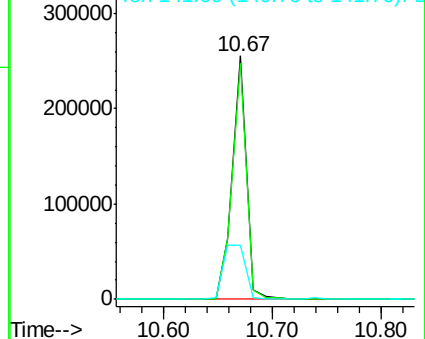
330 100

332 97.5 77.4 116.2

141 35.8 34.1 51.1



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: 37.55 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

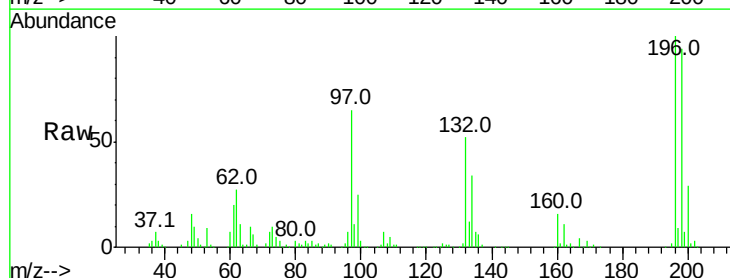
Tgt Ion:196 Resp: 273671

Ion Ratio Lower Upper

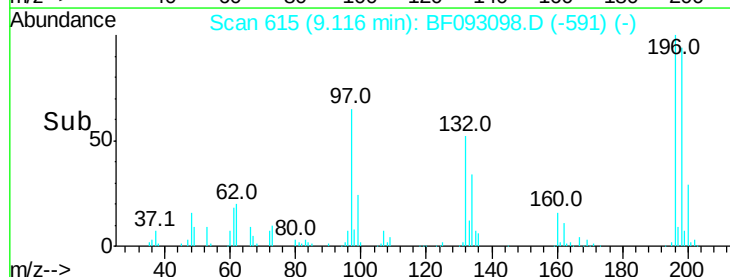
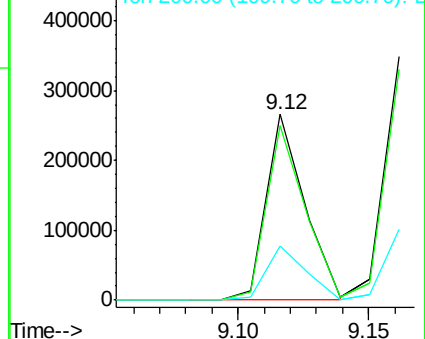
196 100

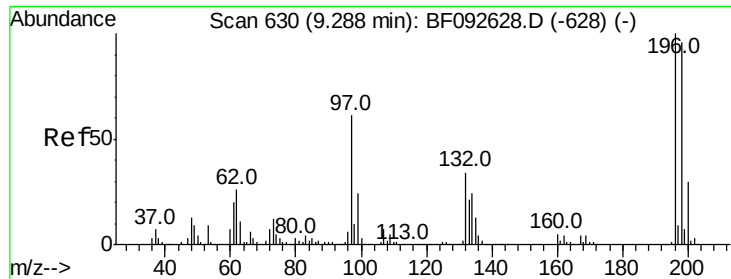
198 93.6 82.1 123.1

200 29.5 27.0 40.4



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

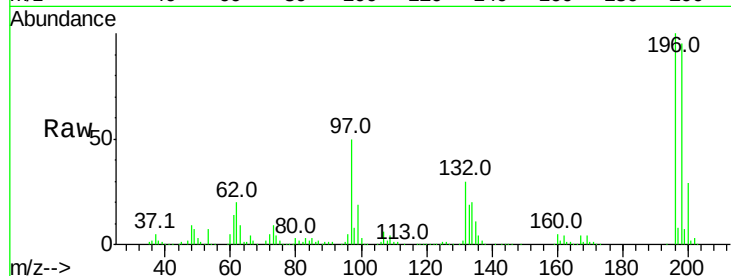




#43
 2,4,5-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.4	119.2
97	49.7	51.5	77.3#
132	30.3	27.4	41.2



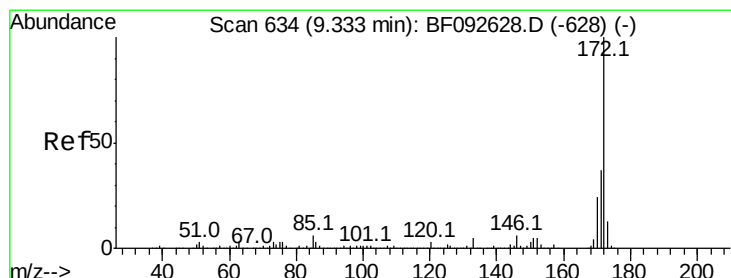
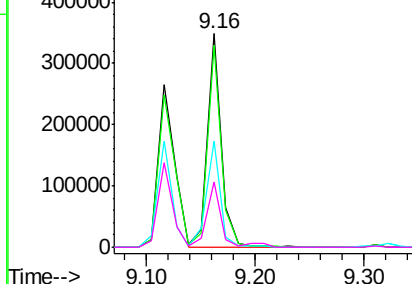
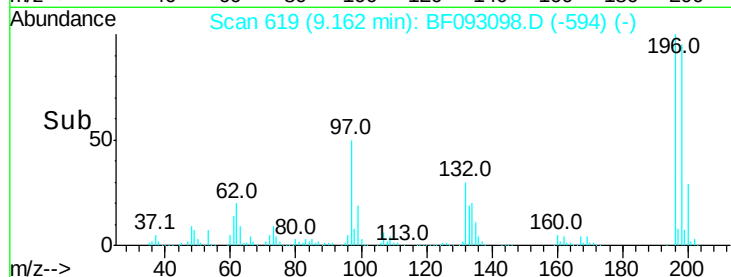
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

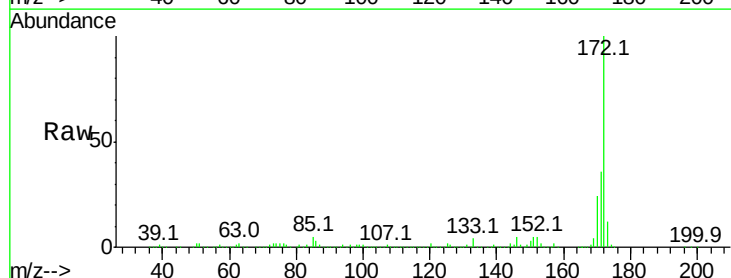
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4

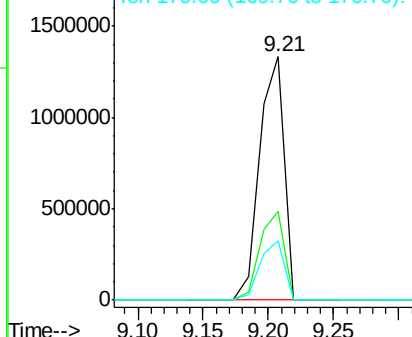
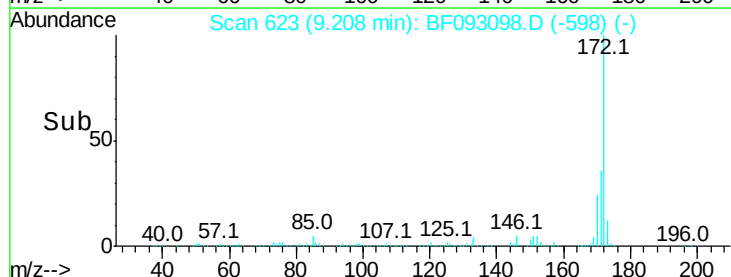


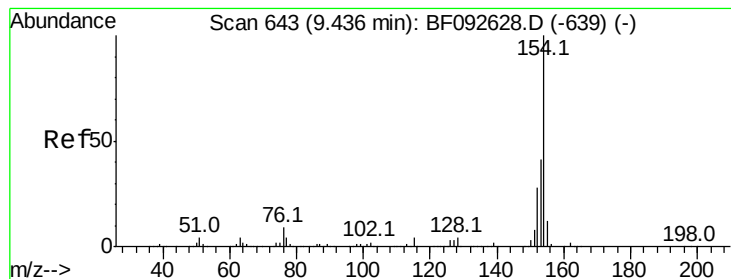
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

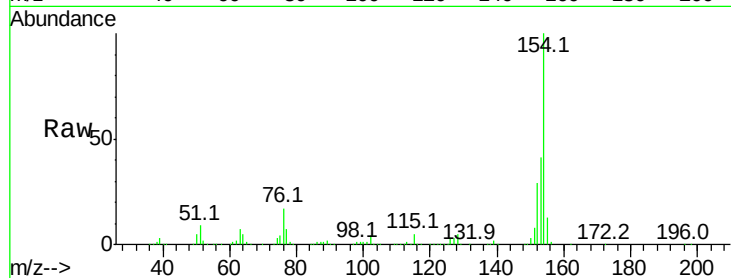
Tot Ion:154 Resp: 1030749

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

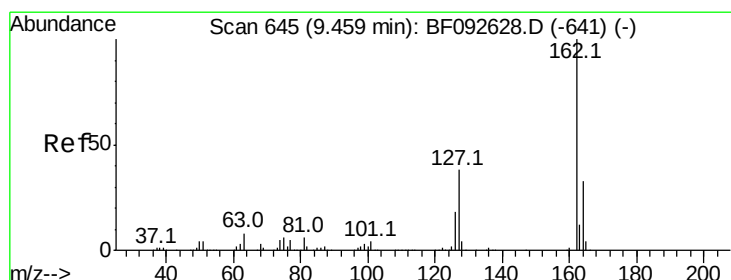
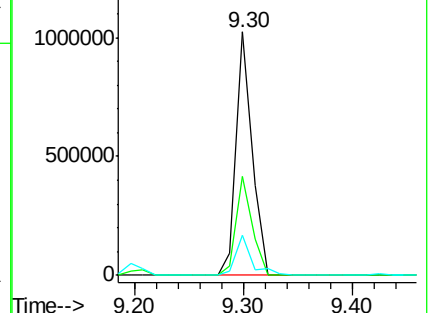
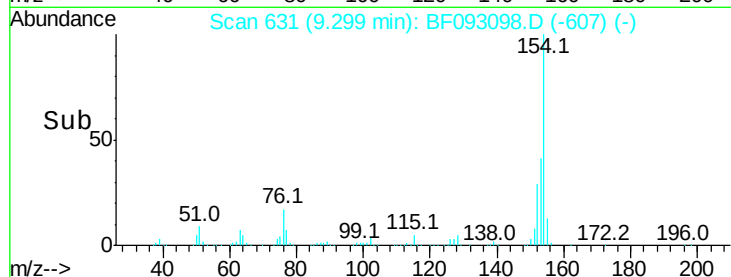
76 16.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.97 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

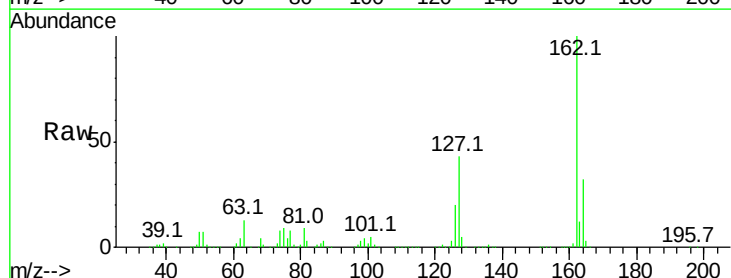
Tgt Ion:162 Resp: 894624

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

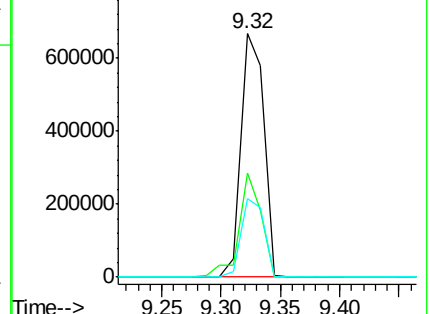
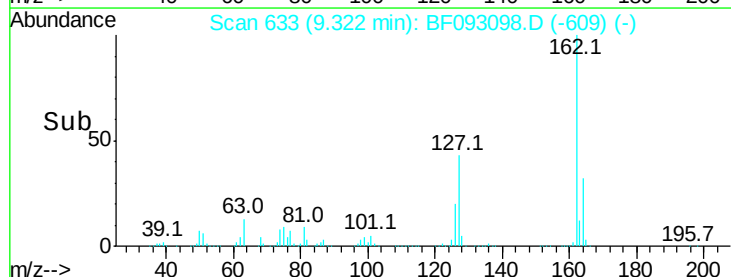
164 32.2 27.6 41.4

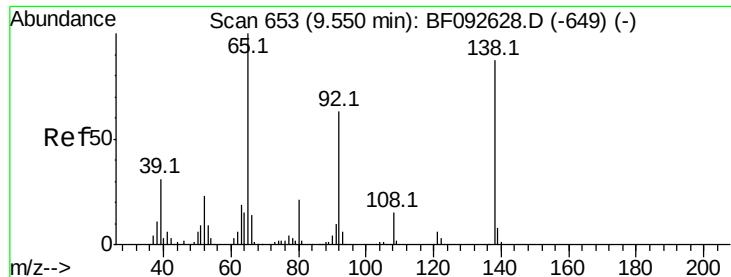


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

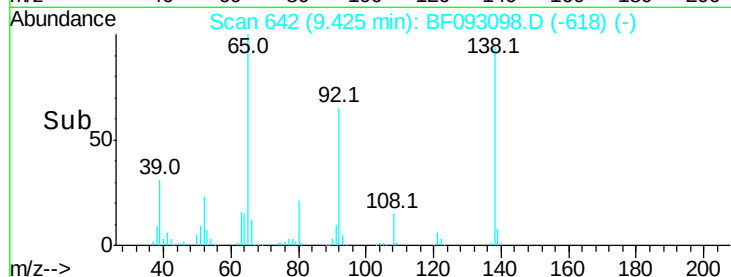
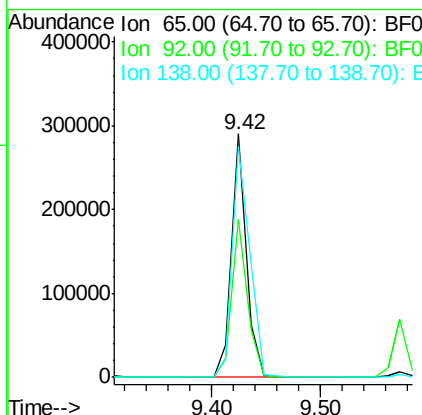
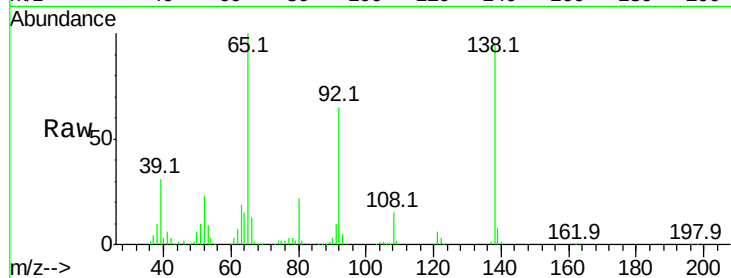




#47
2-Nitroaniline
Concen: 36.22 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

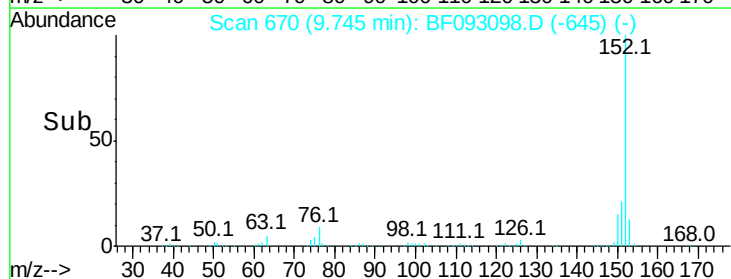
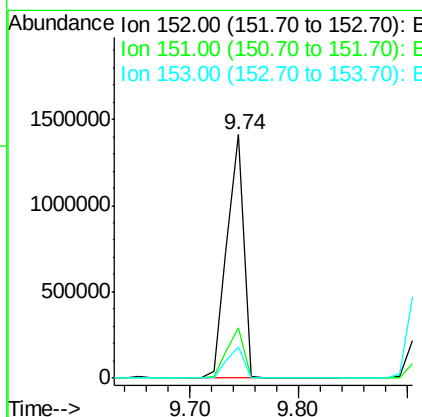
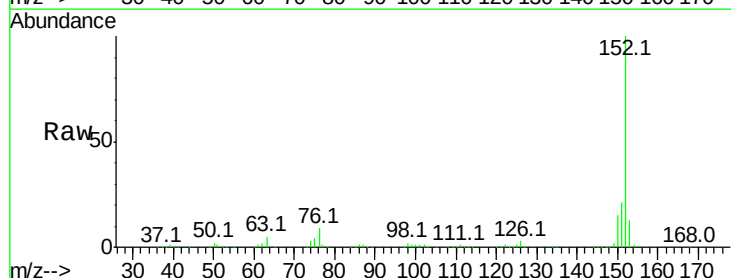
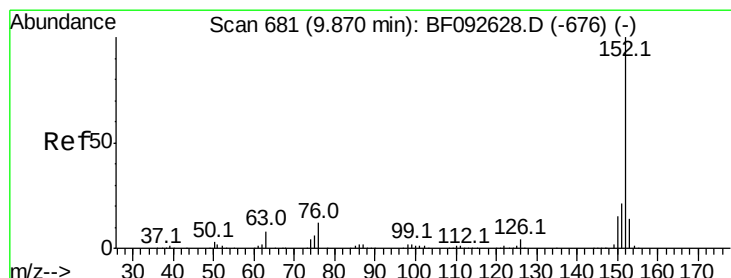
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

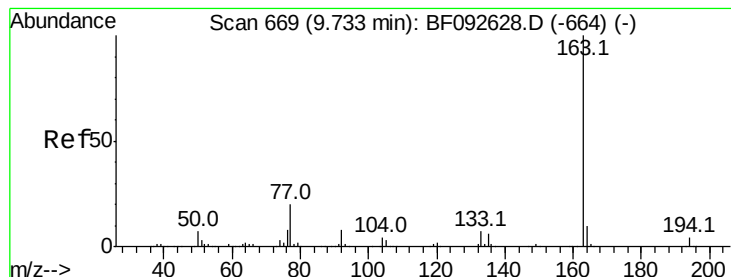
Tot Ion: 65 Resp: 272560
Ion Ratio Lower Upper
65 100
92 64.8 53.9 80.9
138 94.6 76.8 115.2



#48
Acenaphthylene
Concen: 38.99 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion: 152 Resp: 1507678
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 12.9 11.4 17.2





#49

Dimethylphthalate

Concen: 37.11 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

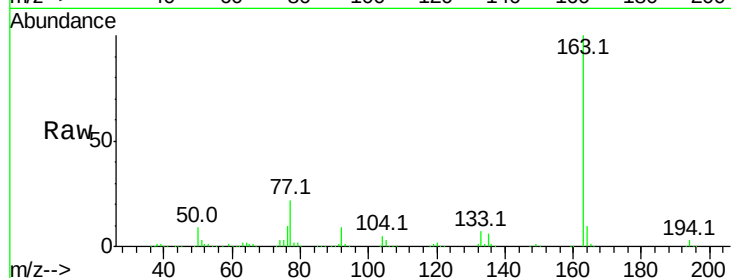
Tot Ion:163 Resp: 987712

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

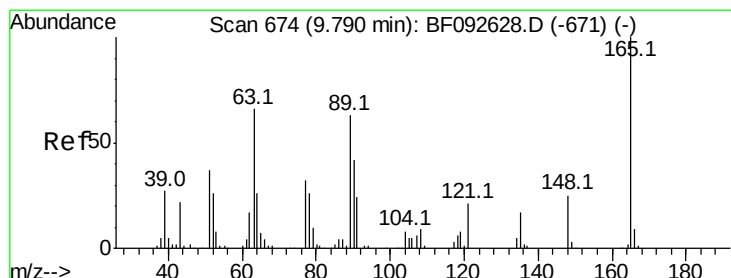
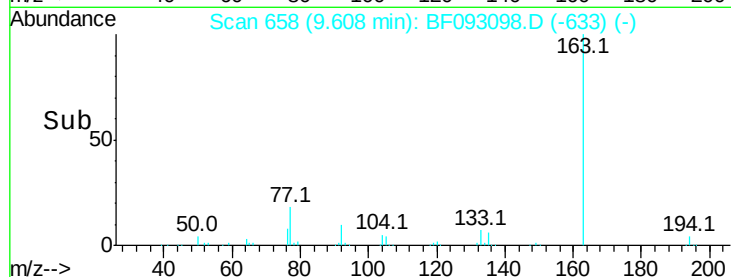
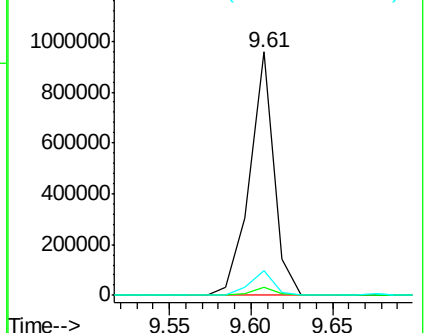
164 10.4 8.0 12.0



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: 43.49 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

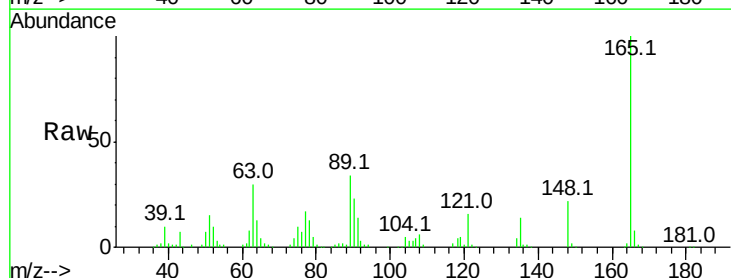
Tgt Ion:165 Resp: 249961

Ion Ratio Lower Upper

165 100

63 30.5 36.2 54.4#

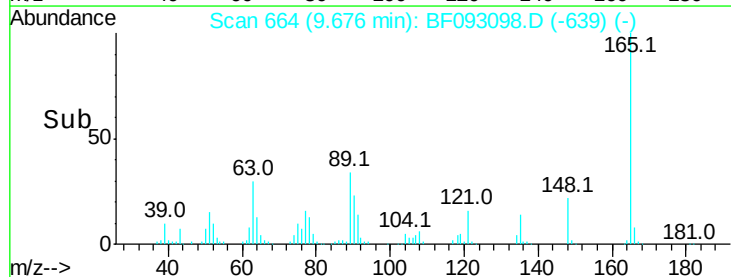
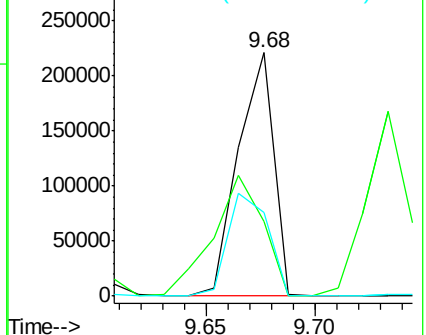
89 34.4 40.2 60.4#

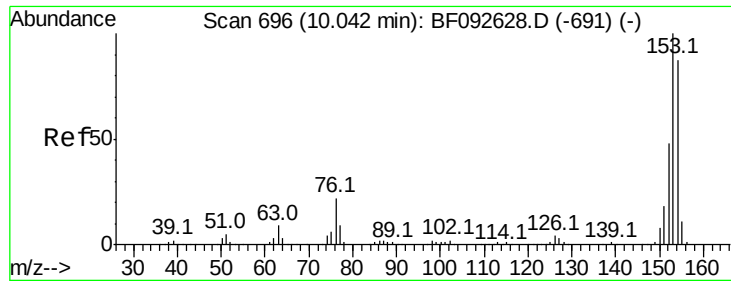


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.82 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

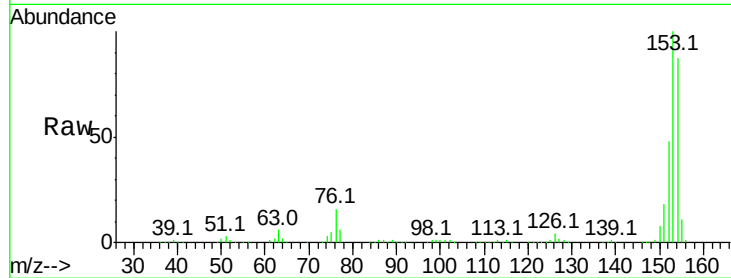
Tot Ion:154 Resp: 874321

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

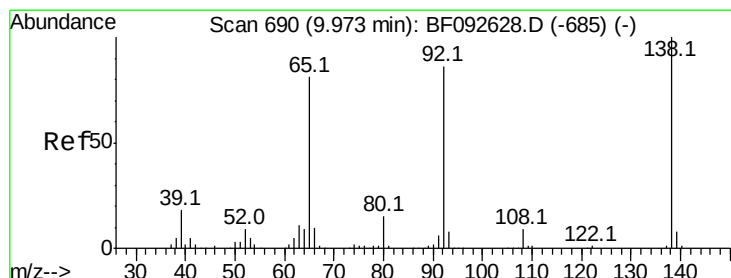
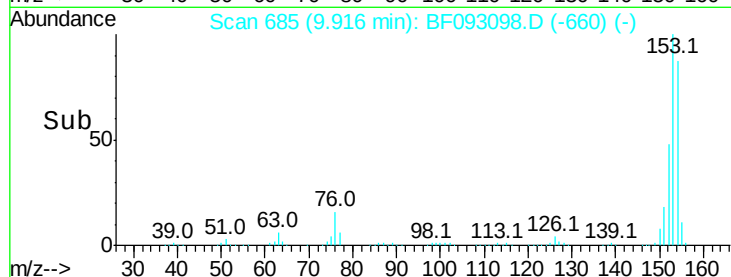
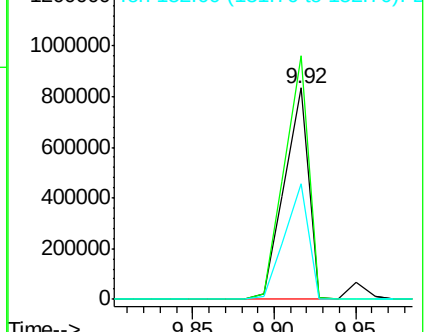
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.11 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

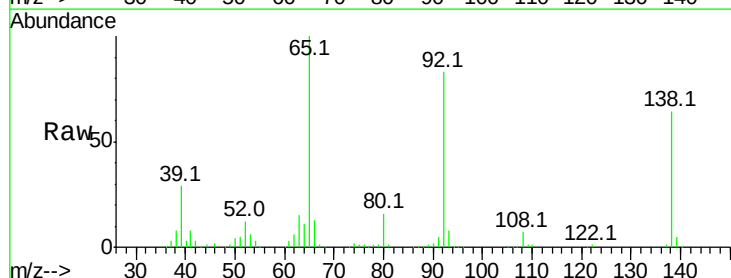
Tgt Ion:138 Resp: 270386

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

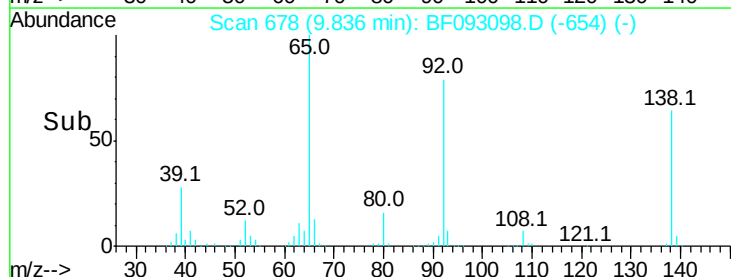
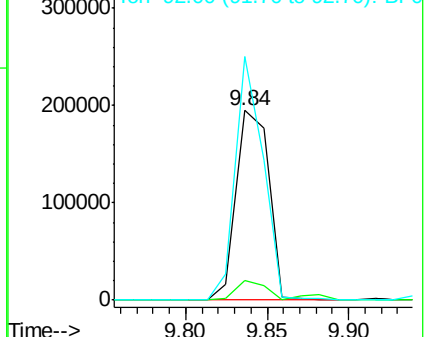
92 128.4 97.8 146.8

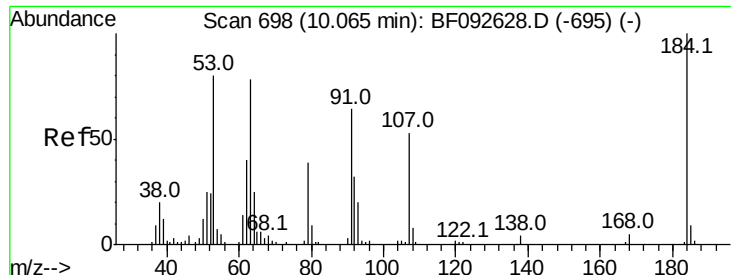


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

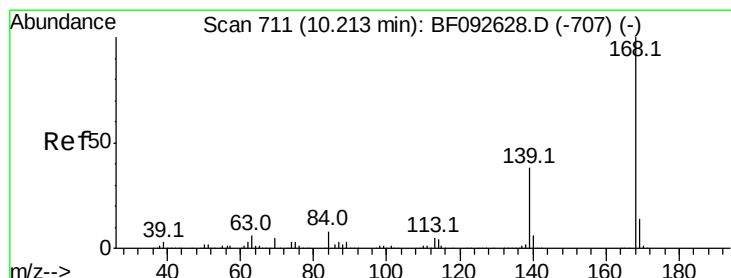
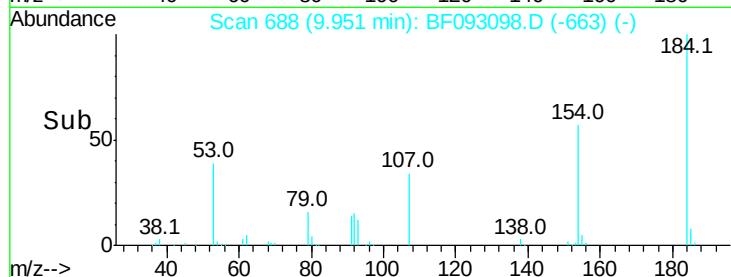
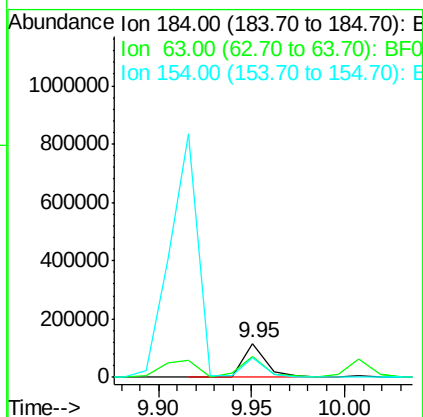
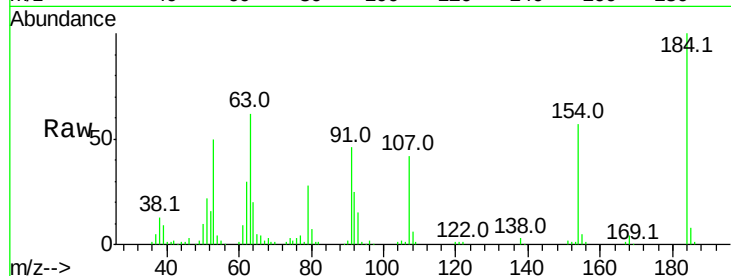




#53
 2,4-Dinitrophenol
 Concen: 38.34 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

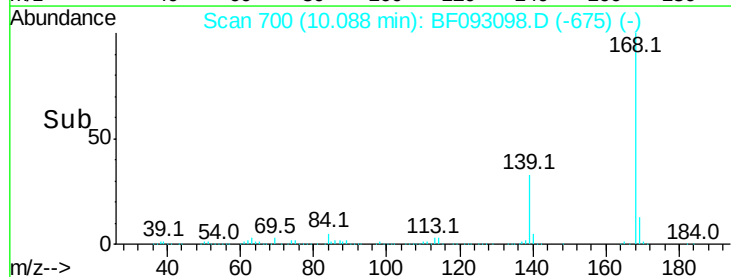
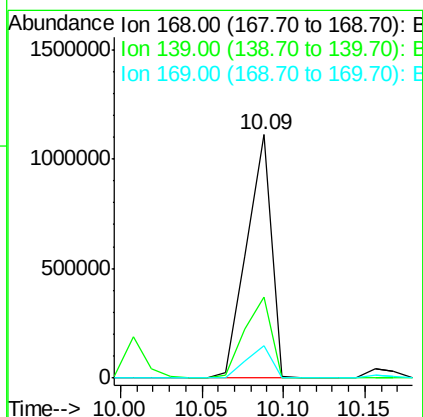
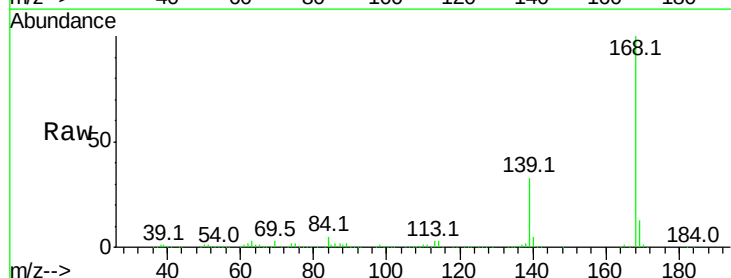
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

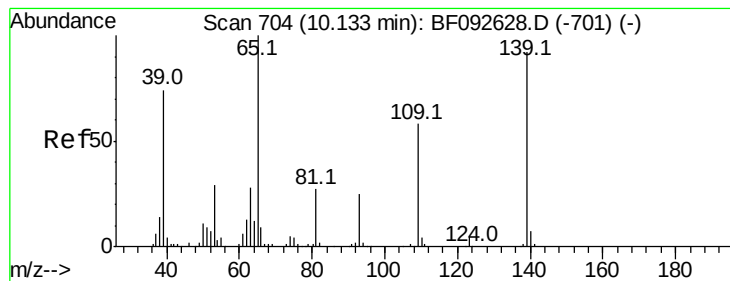
Tot Ion:184 Resp: 104450
 Ion Ratio Lower Upper
 184 100
 63 61.7 28.4 42.6#
 154 57.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 37.73 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:168 Resp: 1166629
 Ion Ratio Lower Upper
 168 100
 139 33.1 32.6 49.0
 169 13.1 11.3 16.9





#55

4-Nitrophenol

Concen: 37.33 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

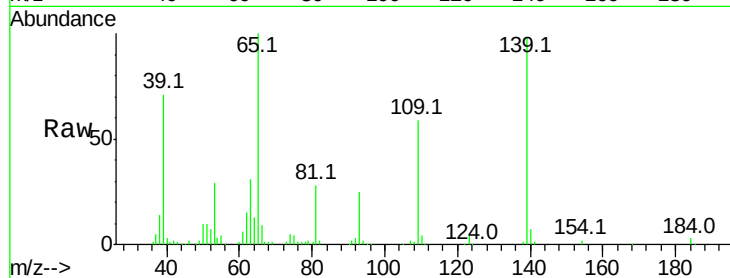
Tot Ion:139 Resp: 176835

Ion Ratio Lower Upper

139 100

109 60.0 52.2 92.2

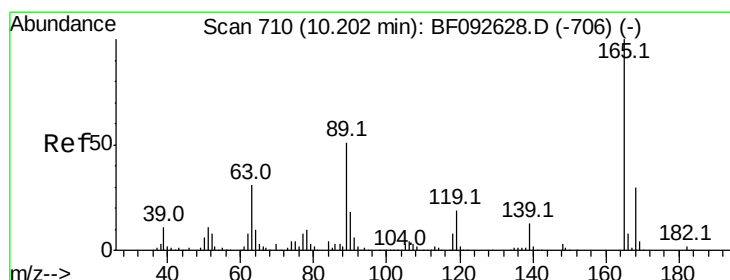
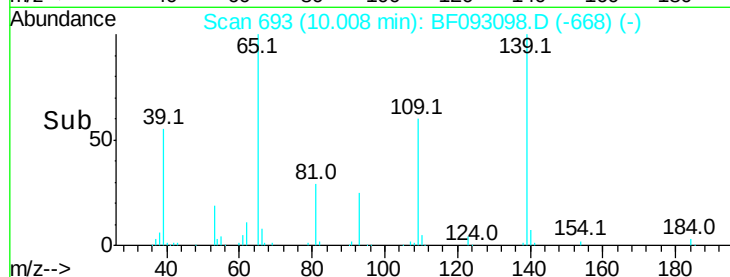
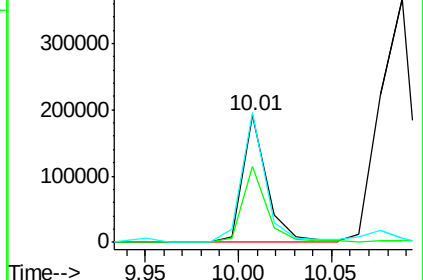
65 102.2 85.8 125.8



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: 38.65 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:165 Resp: 295785

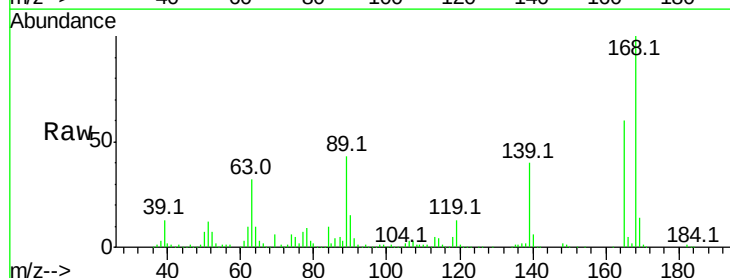
Ion Ratio Lower Upper

165 100

63 52.8 40.2 60.4

89 72.1 62.5 93.7

182 2.3 1.8 2.8

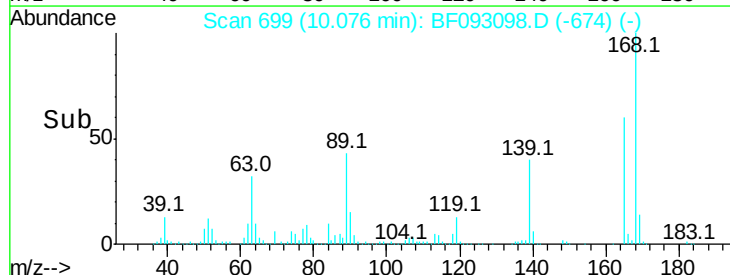
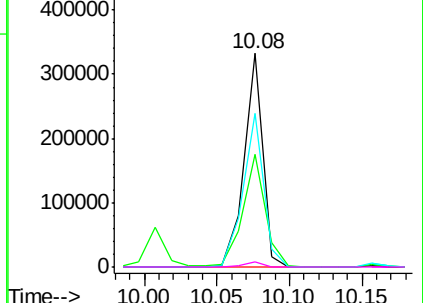


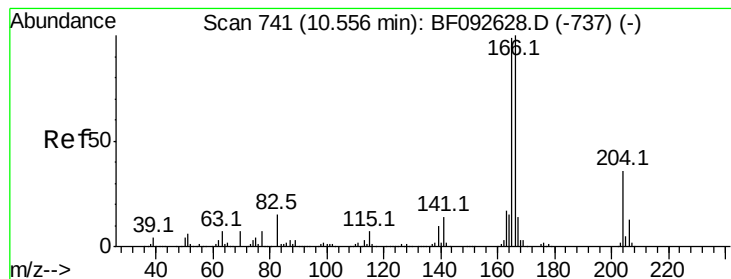
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.48 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

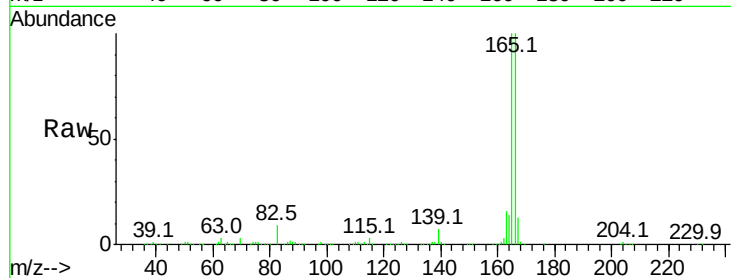
Tot Ion:166 Resp: 939210

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

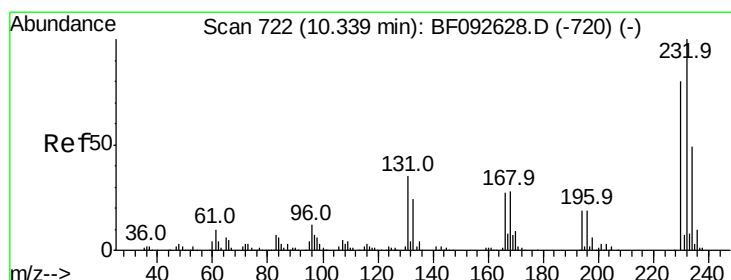
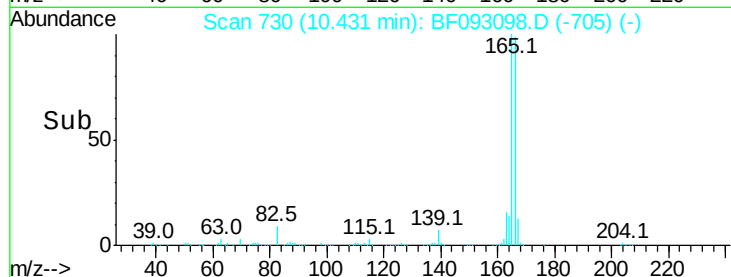
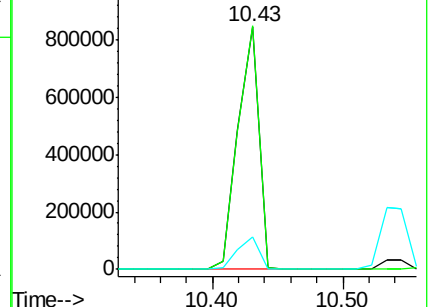
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.78 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Tgt Ion:232 Resp: 206584

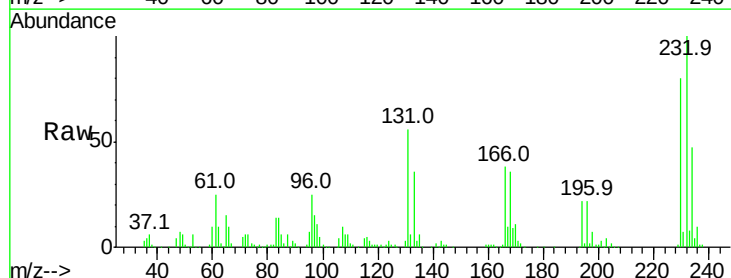
Ion Ratio Lower Upper

232 100

131 49.7 40.1 60.1

130 2.4 1.8 2.8

166 33.1 26.6 39.8

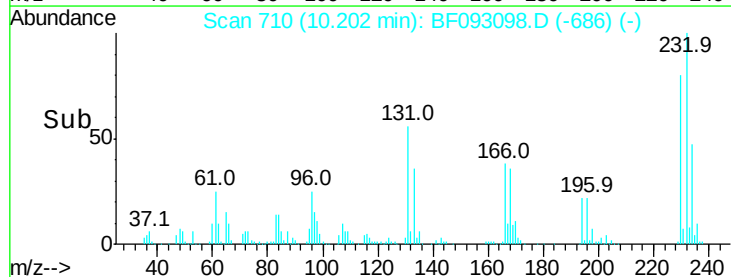
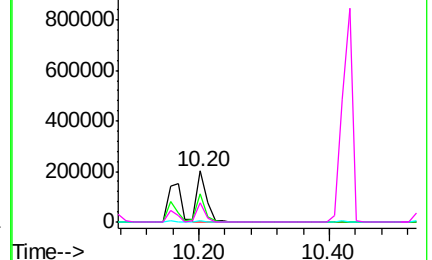


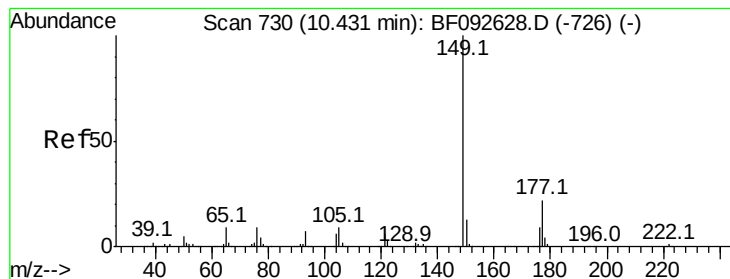
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.54 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

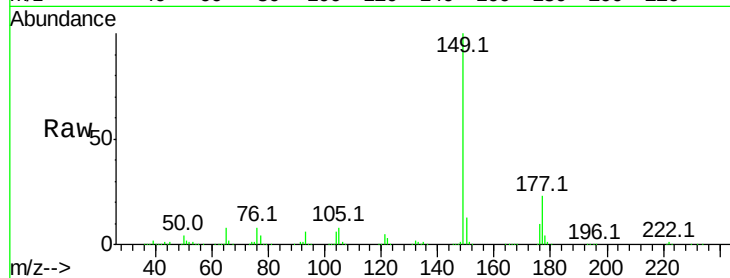
Tot Ion:149 Resp: 1016901

Ion Ratio Lower Upper

149 100

177 23.1 16.6 25.0

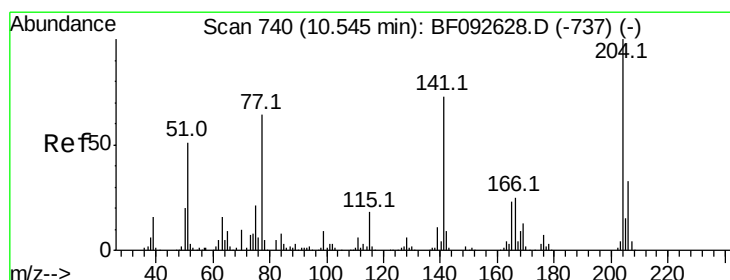
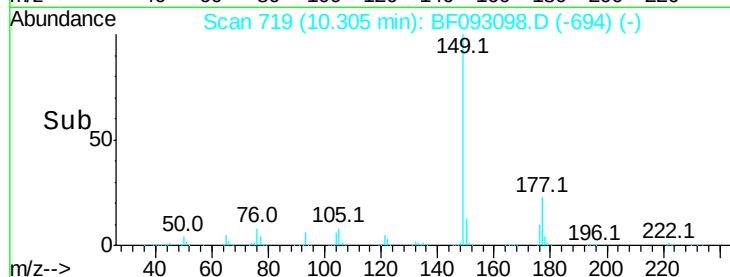
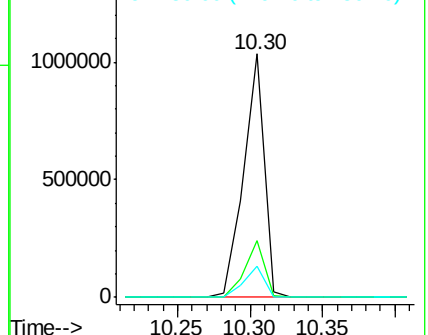
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.51 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

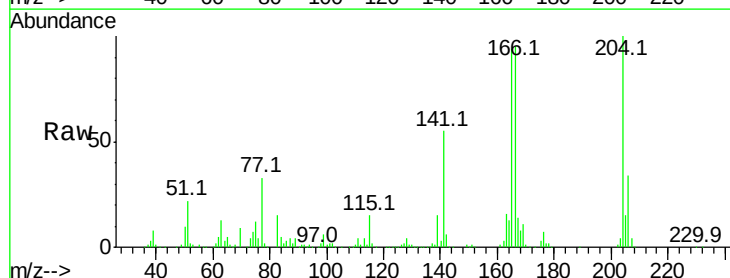
Tgt Ion:204 Resp: 440083

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

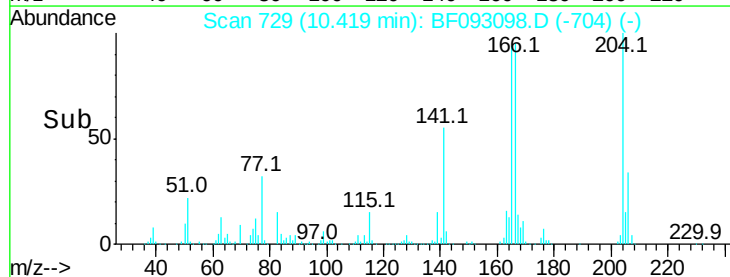
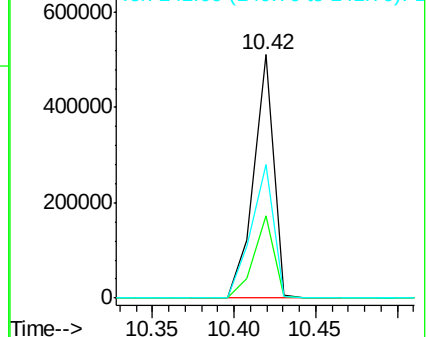
141 55.0 59.4 89.0#

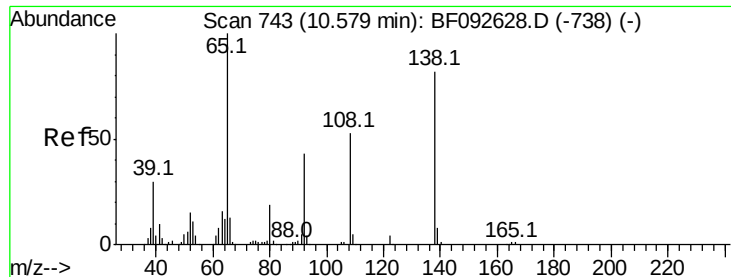


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

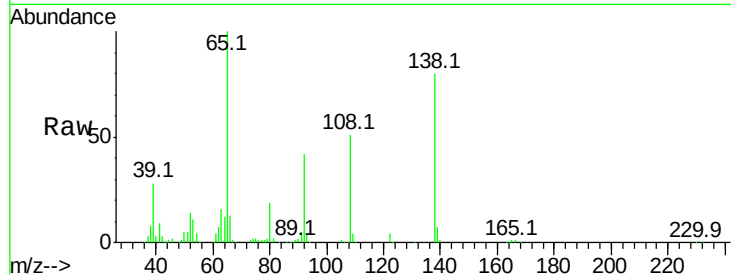




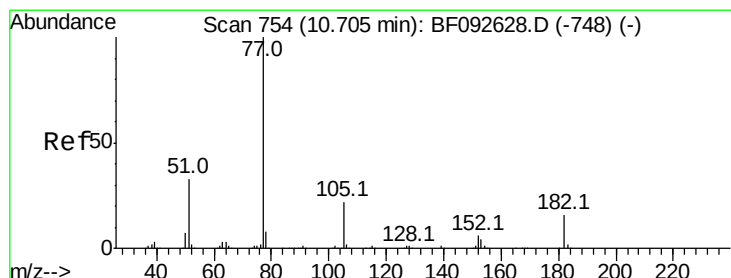
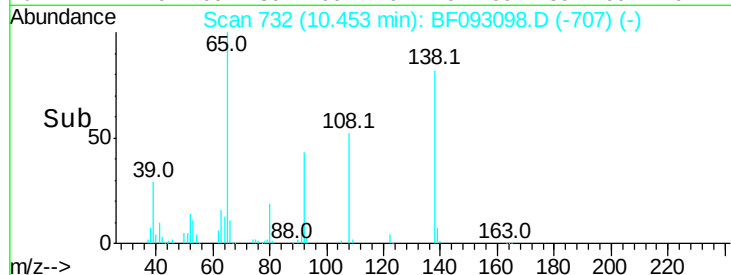
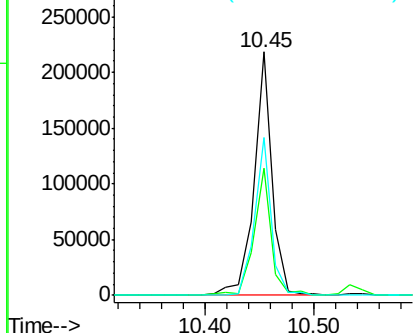
#61
4-Nitroaniline
Concen: 37.60 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 253304
Ion Ratio Lower Upper
138 100
92 52.2 31.7 71.7
108 64.6 52.6 92.6

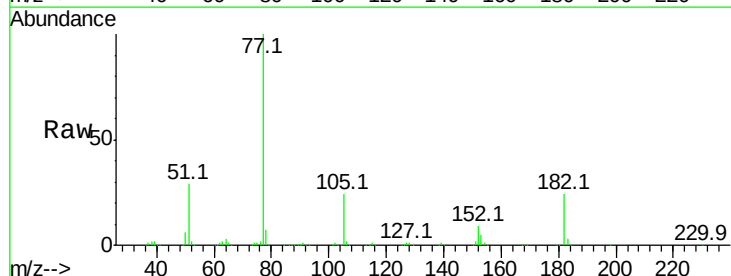


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

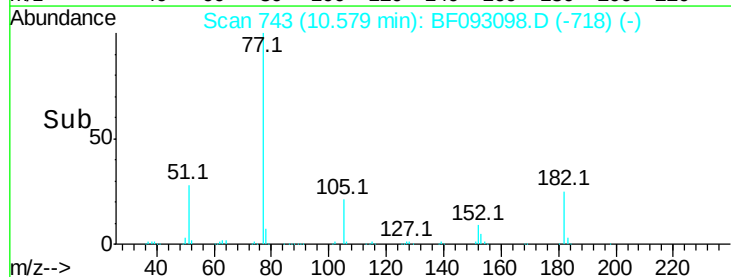
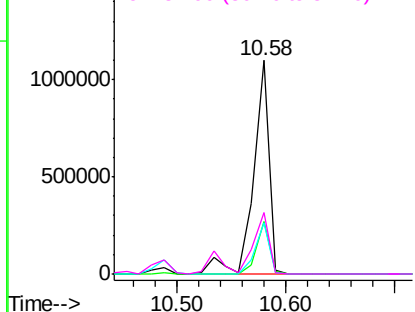


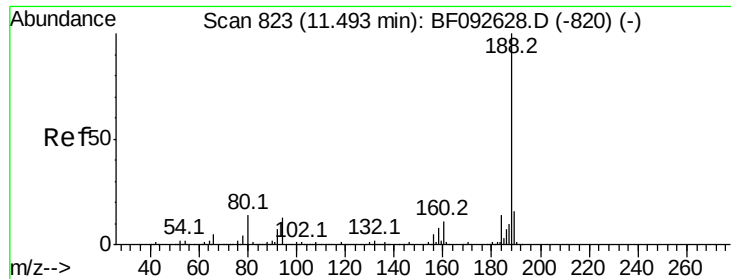
#62
Azobenzene
Concen: 42.89 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion: 77 Resp: 1111460
Ion Ratio Lower Upper
77 100
182 24.4 0.0 39.3
105 24.2 2.3 42.3
51 28.9 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

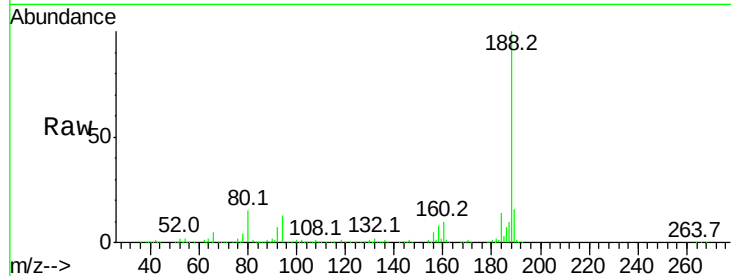
Tot Ion:188 Resp: 607284

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

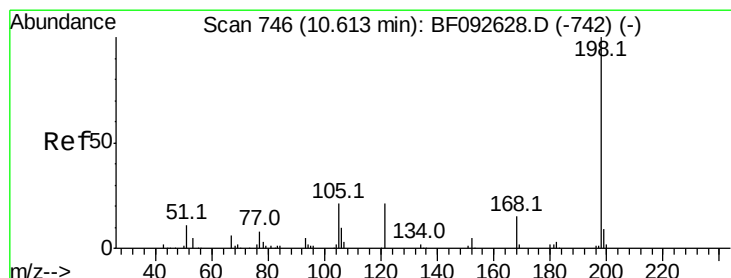
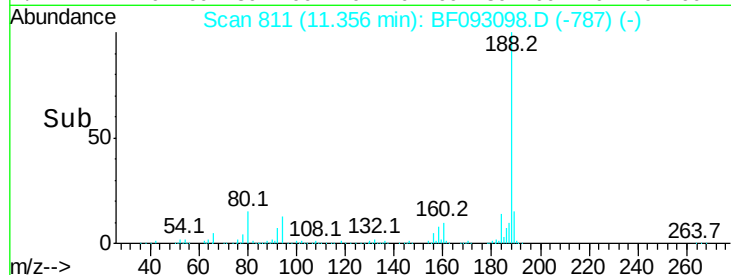
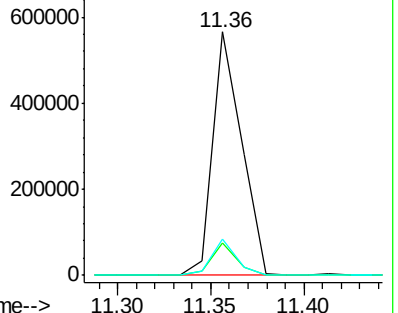
80 14.7 11.2 16.8



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: 45.85 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

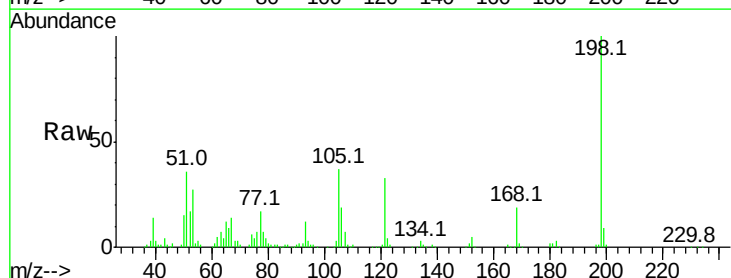
Tgt Ion:198 Resp: 169009

Ion Ratio Lower Upper

198 100

51 36.1 6.7 46.7

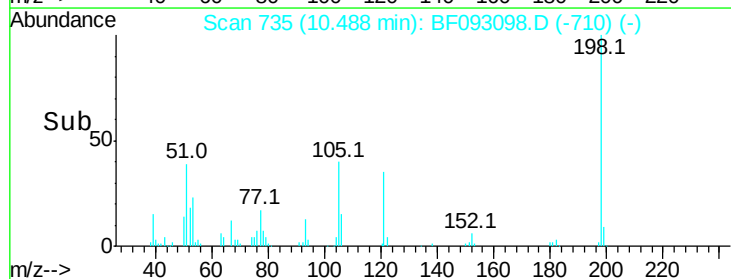
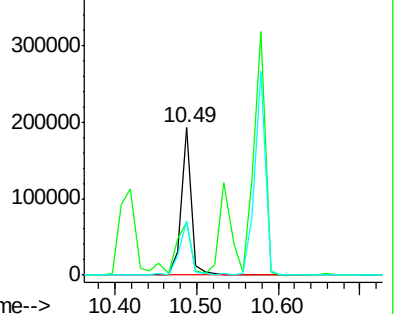
105 37.2 16.6 56.6

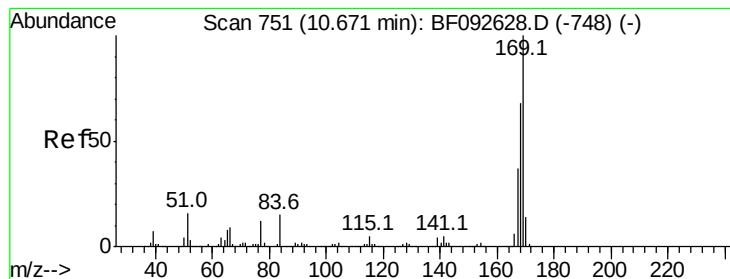


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.13 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

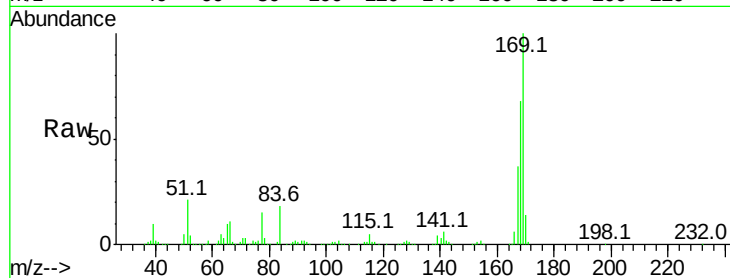
Tot Ion:169 Resp: 817367

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

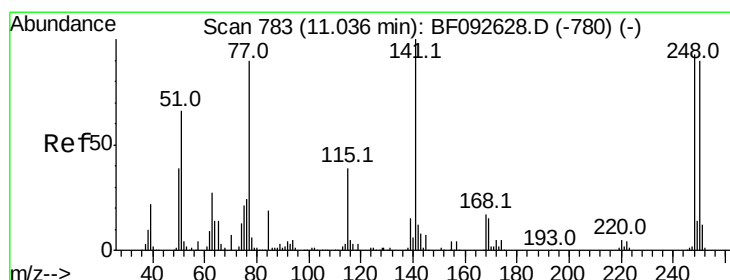
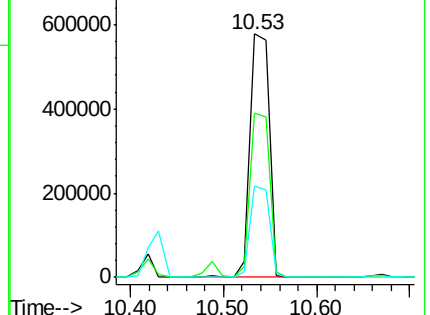
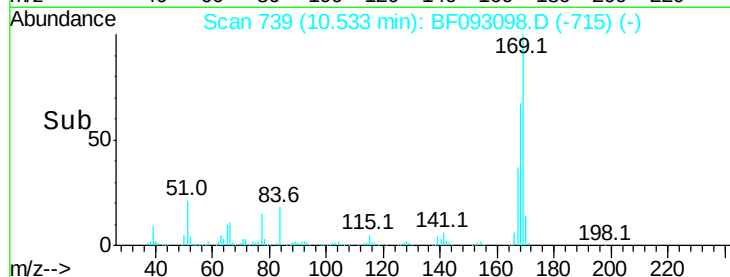
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.36 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

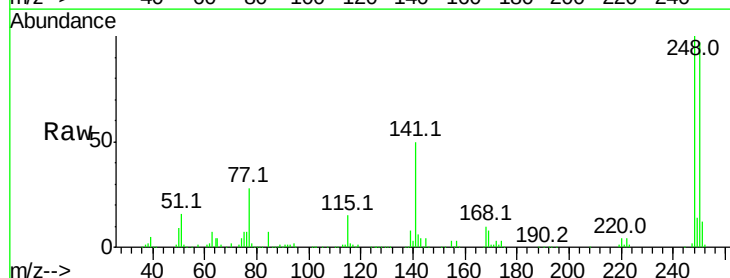
Tgt Ion:248 Resp: 268761

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

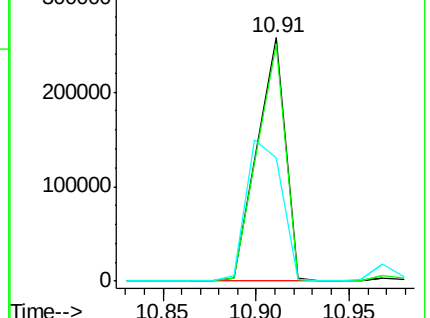
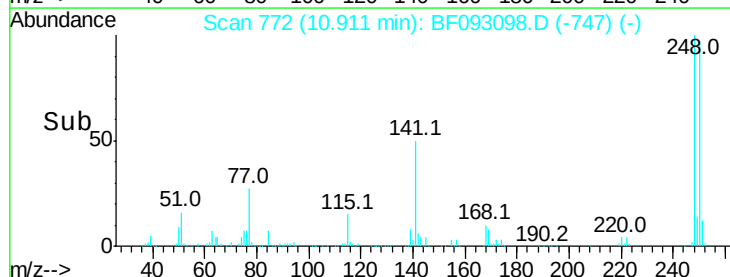
141 50.5 68.2 102.4#

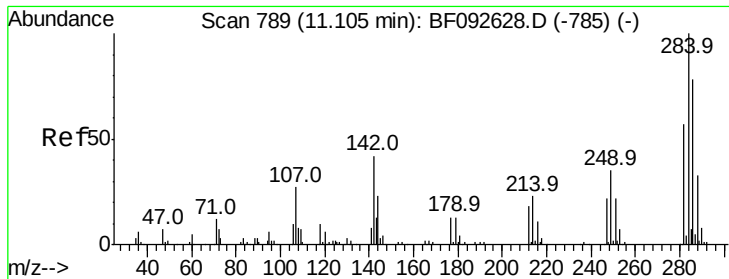


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

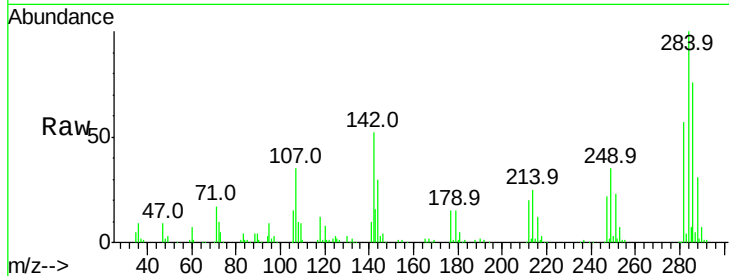




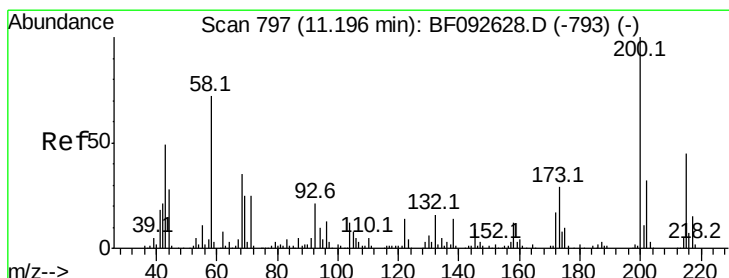
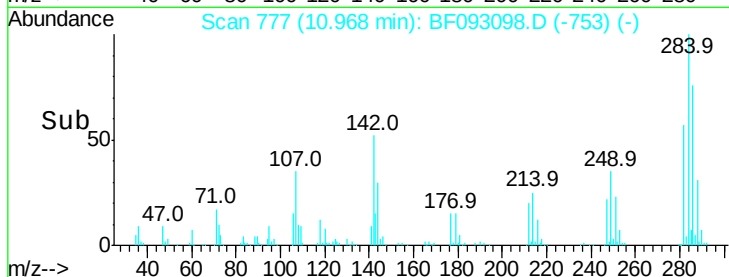
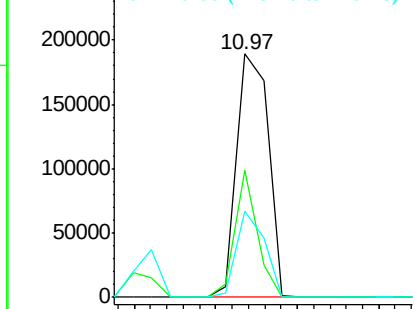
#67
Hexachlorobenzene
Concen: 40.14 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	52.1	22.6	33.8#
249	35.4	25.4	38.0

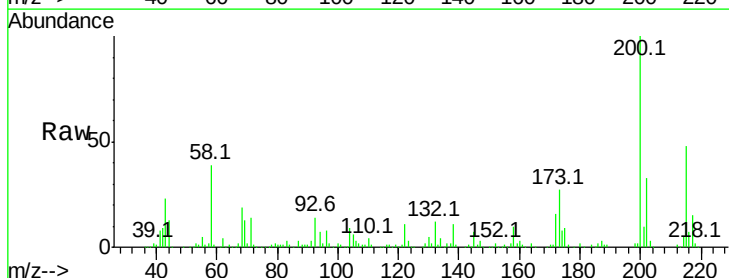


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

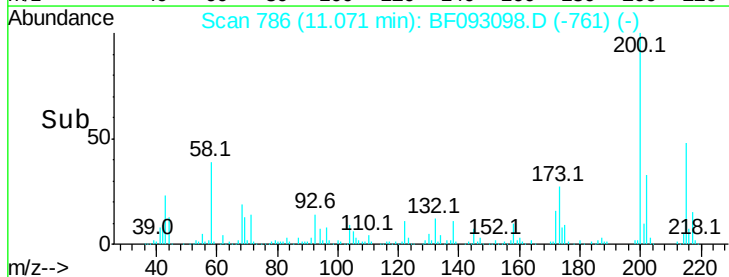
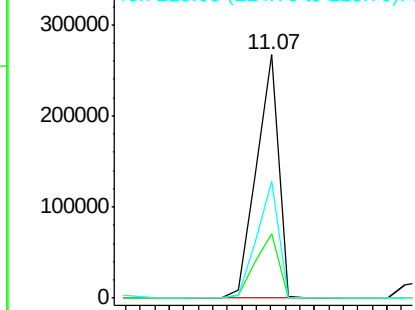


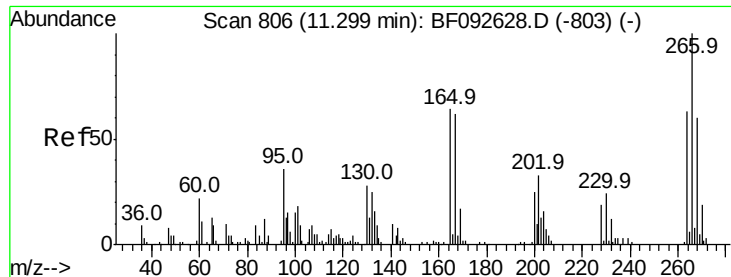
#68
Atrazine
Concen: 45.30 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	9.6	49.6
215	47.8	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

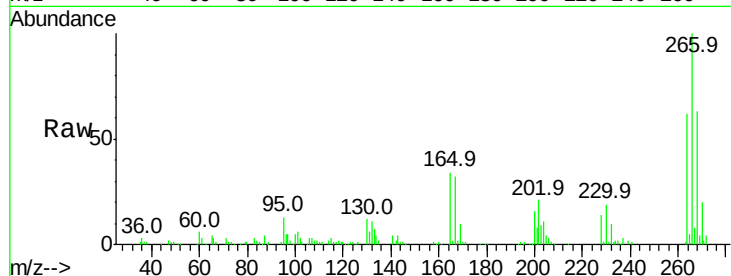




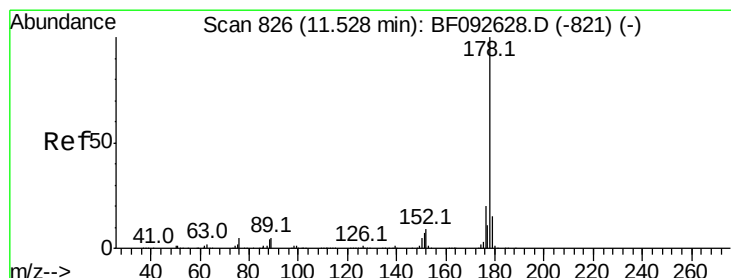
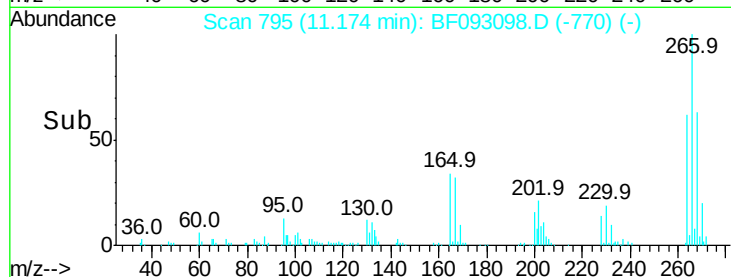
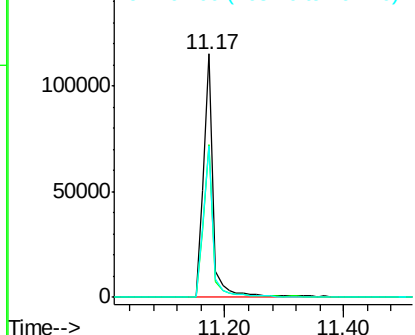
#69
 Pentachlorophenol
 Concen: 45.96 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 137857
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 62.0 50.3 75.5

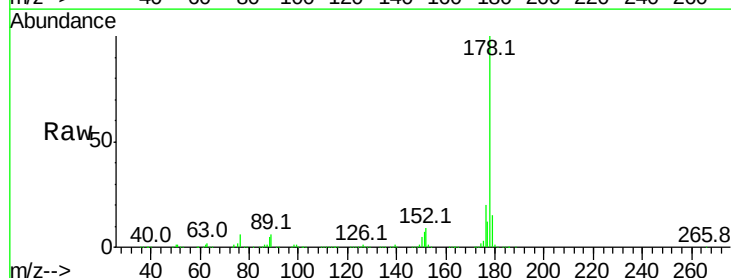


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

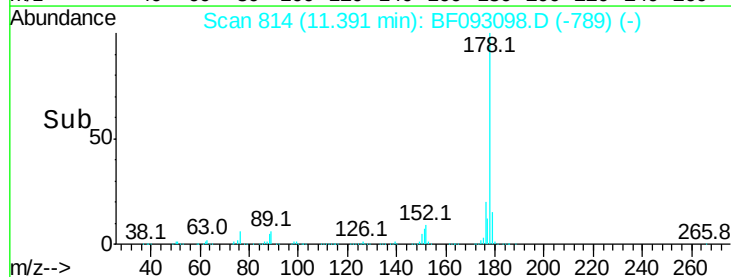
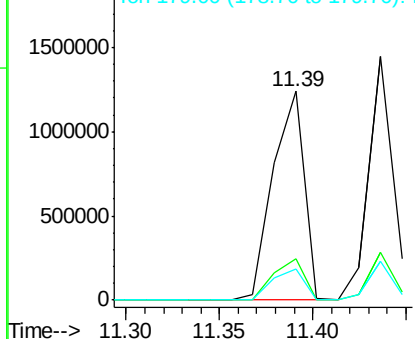


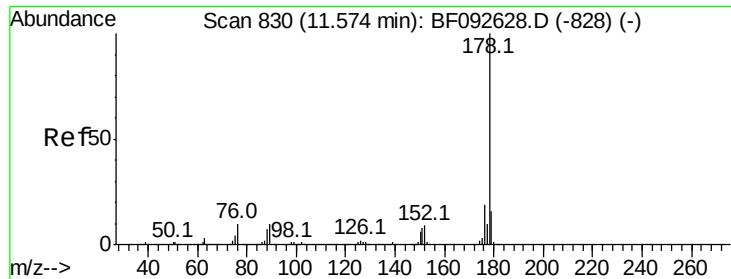
#70
 Phenanthrene
 Concen: 41.42 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:178 Resp: 1441146
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.1 12.8 19.2



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

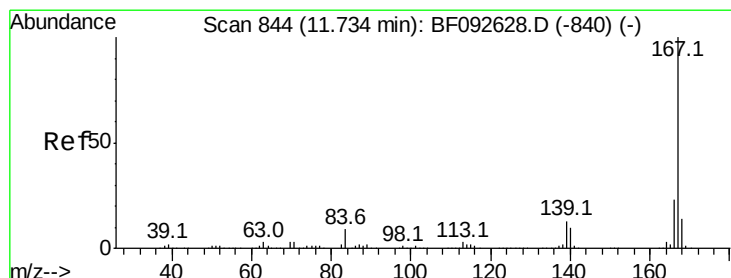
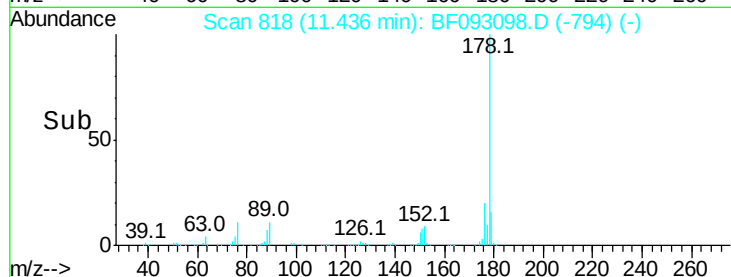
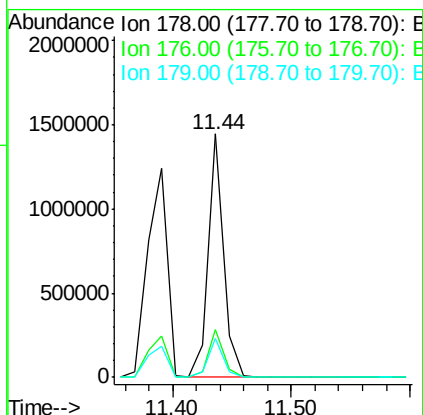
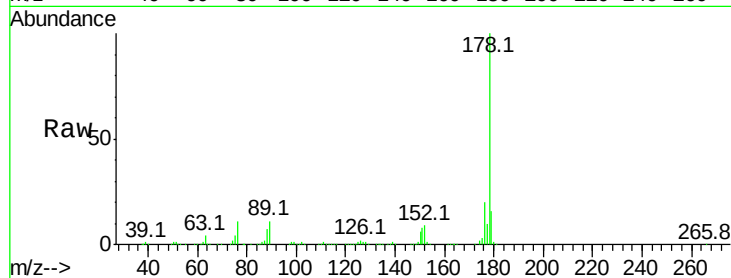




#71
 Anthracene
 Concen: 37.34 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

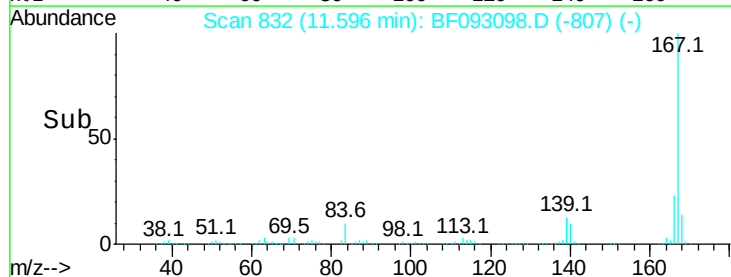
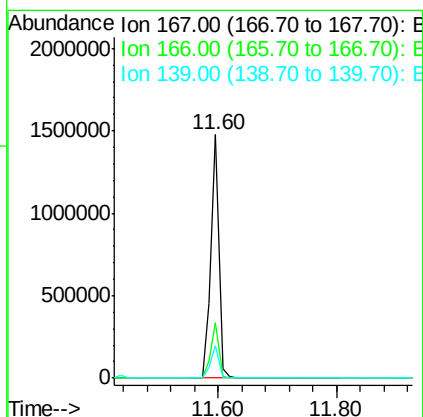
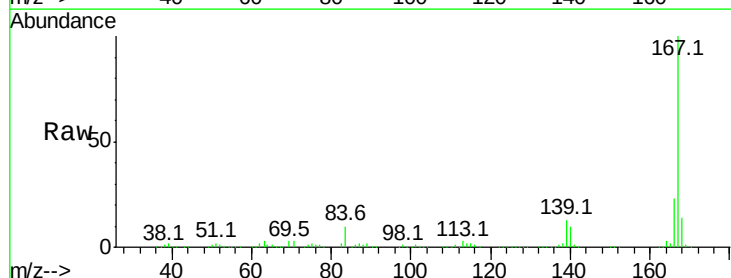
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

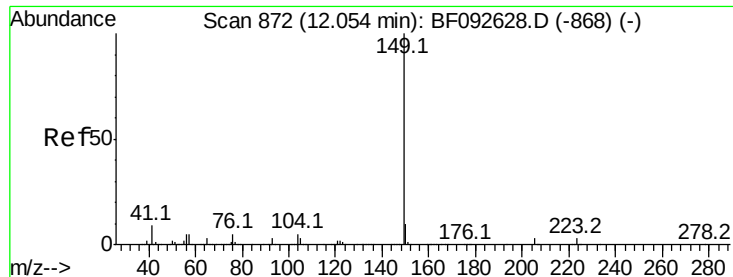
Tot Ion:178 Resp: 1304702
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 41.37 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:167 Resp: 1381702
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

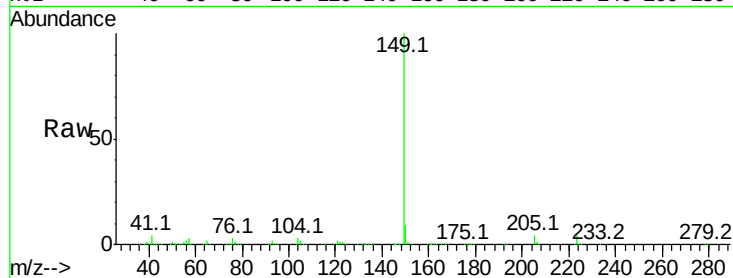
Tot Ion:149 Resp: 1564309

Ion Ratio Lower Upper

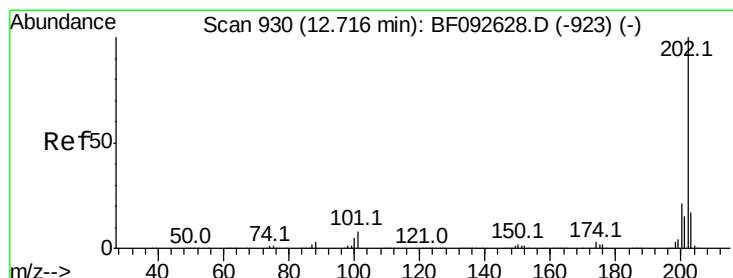
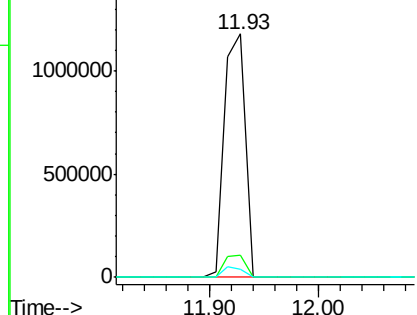
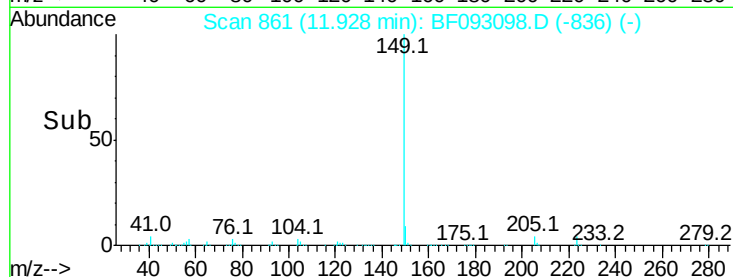
149 100

150 9.0 8.1 12.1

104 3.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.88 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

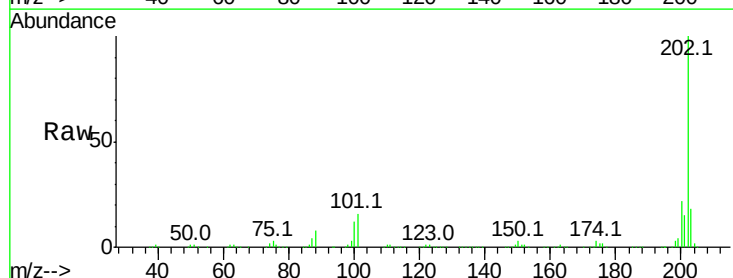
Tgt Ion:202 Resp: 1251836

Ion Ratio Lower Upper

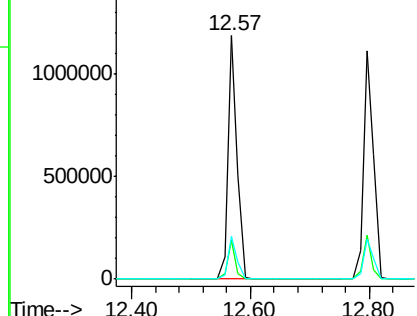
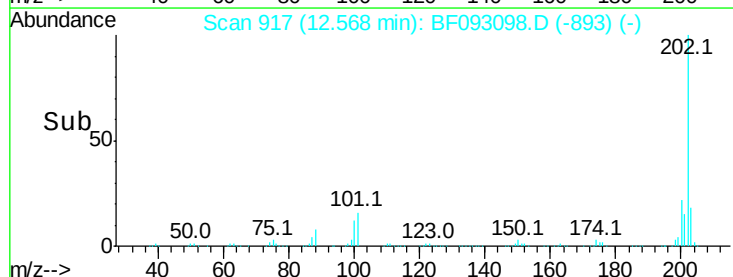
202 100

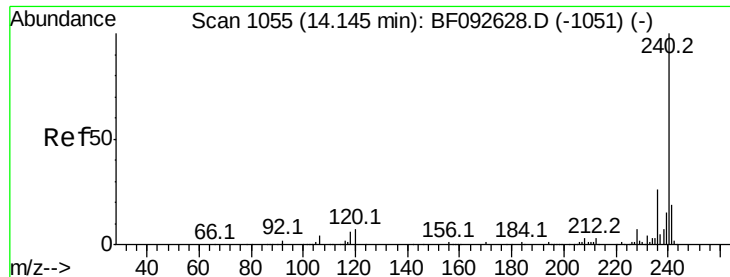
101 15.9 0.0 34.6

203 17.7 0.0 38.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

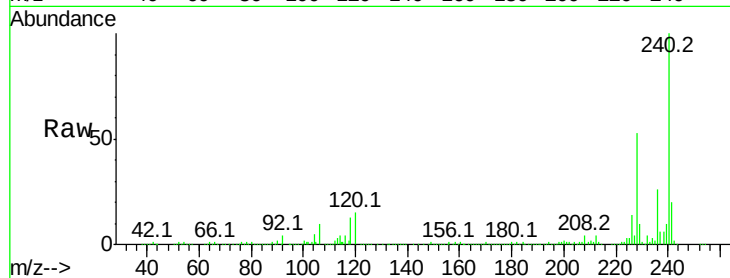
Tot Ion:240 Resp: 431640

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

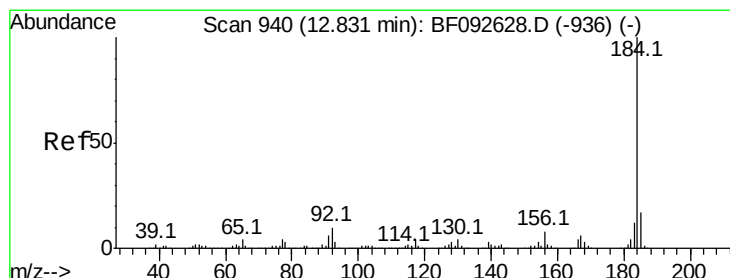
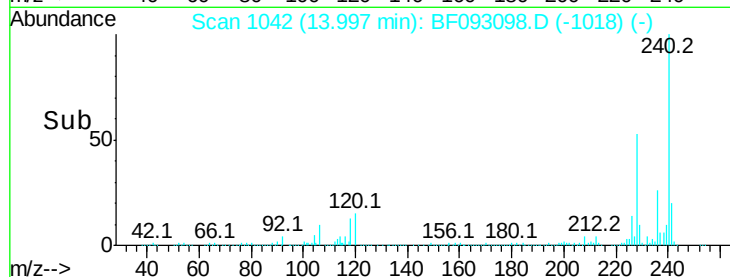
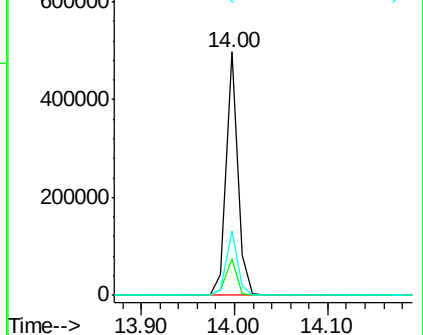
236 26.3 20.9 31.3



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: 34.15 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

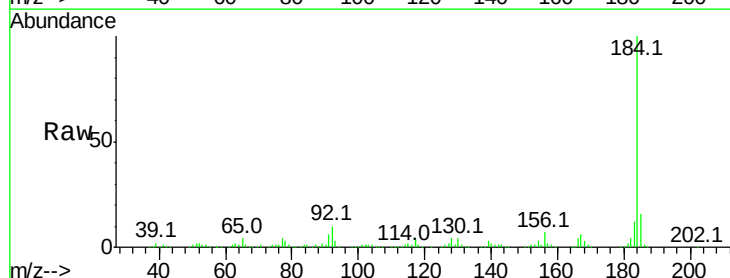
Tgt Ion:184 Resp: 628089

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

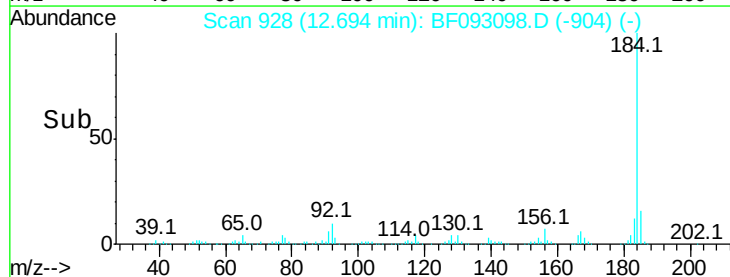
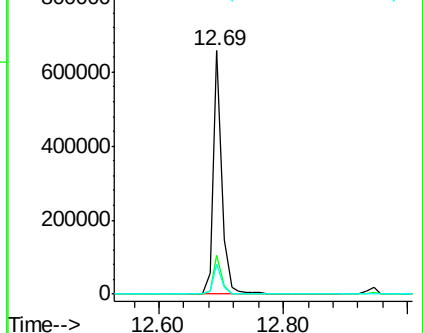
183 12.1 9.2 13.8

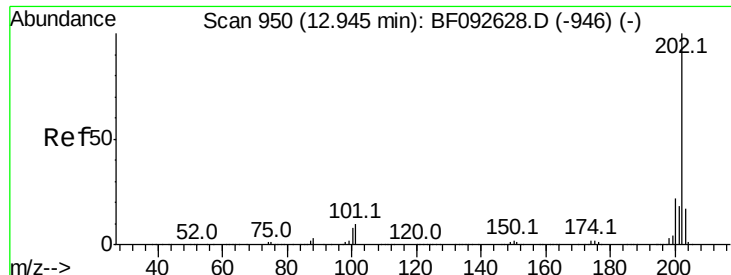


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



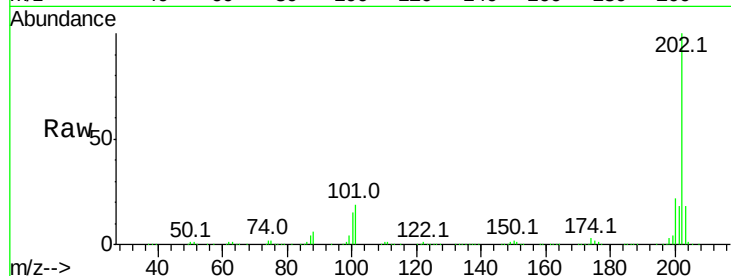


#77
 Pvrene
 Concen: 39.81 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

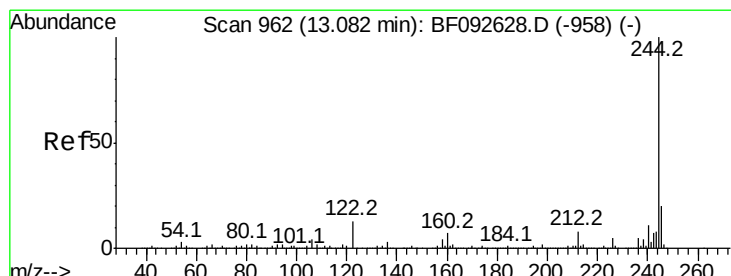
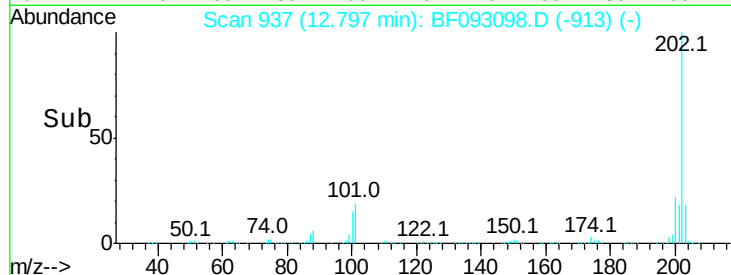
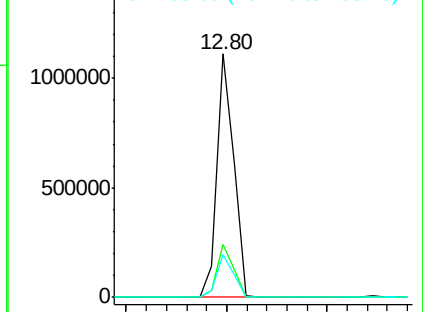
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1285941

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.7	14.7	22.1



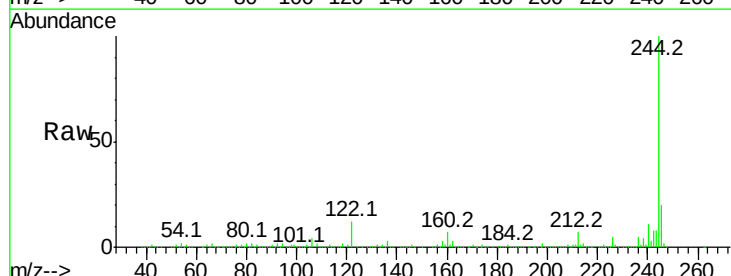
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



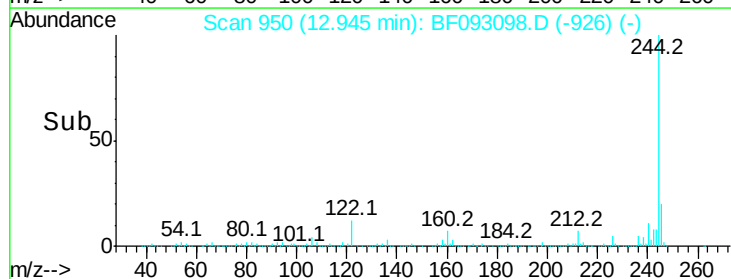
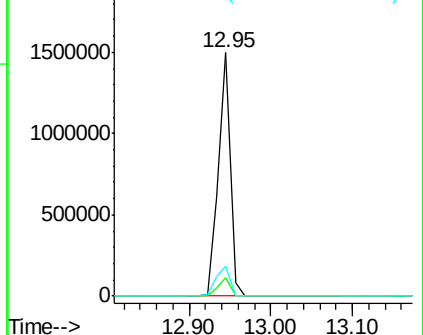
#78
 Terphenyl-d14
 Concen: 82.88 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

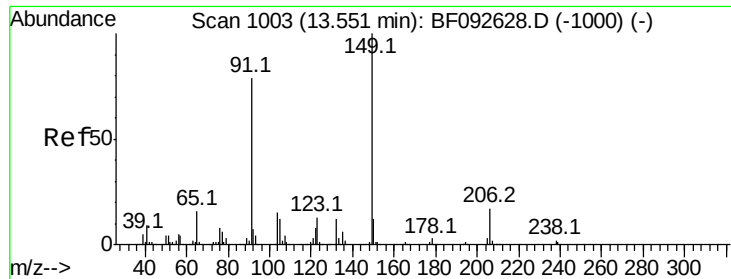
Tgt Ion:244 Resp: 1522594

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.4	11.4	17.2



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

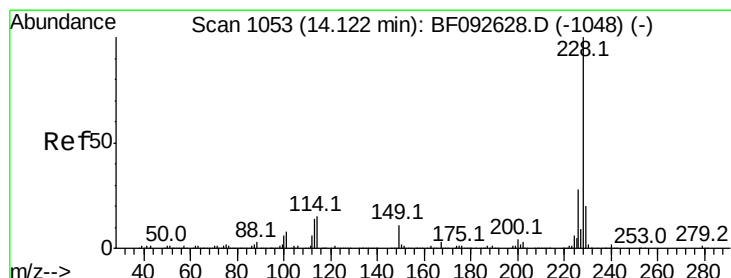
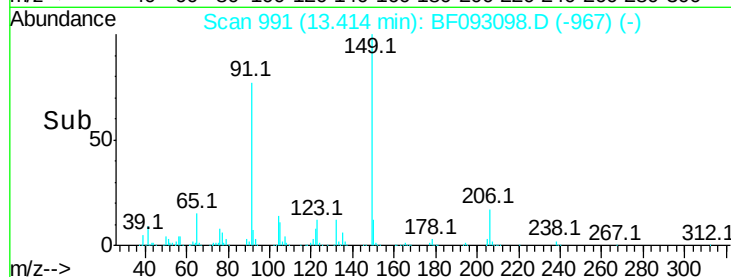
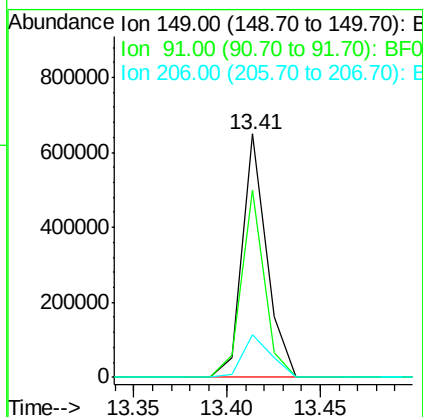
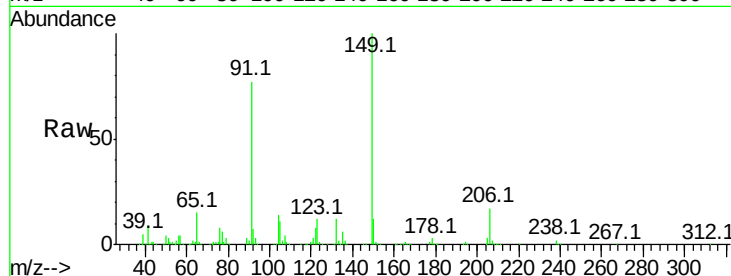




#79
Butylbenzylphthalate
Concen: 45.20 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

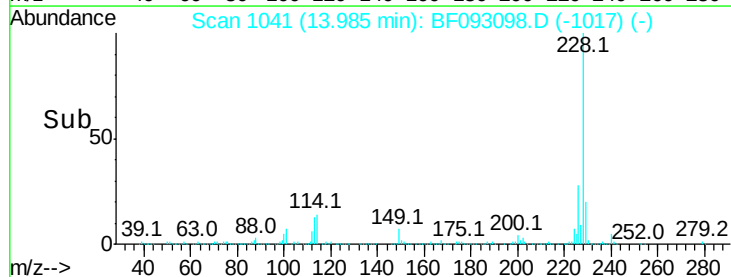
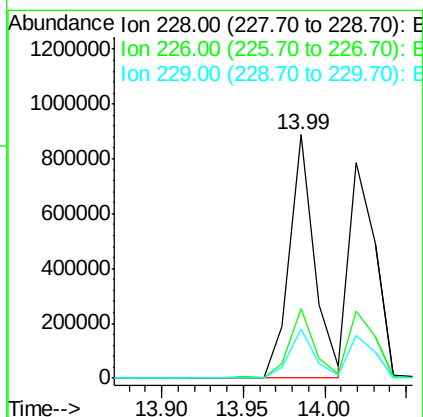
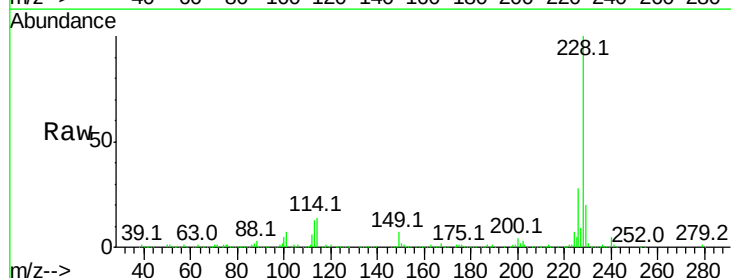
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

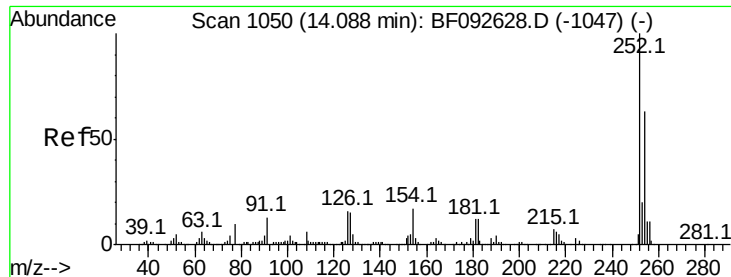
Tot Ion:149 Resp: 592883
Ion Ratio Lower Upper
149 100
91 77.0 63.9 95.9
206 17.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 36.14 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:228 Resp: 954104
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.1 16.2 24.4

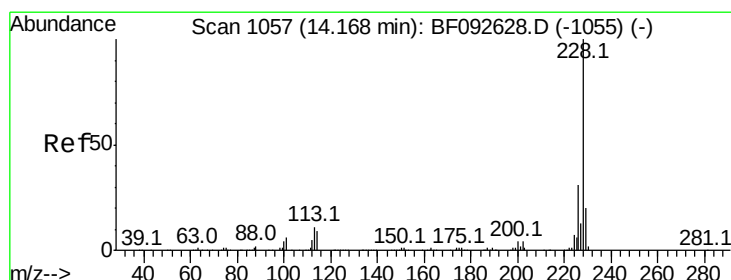
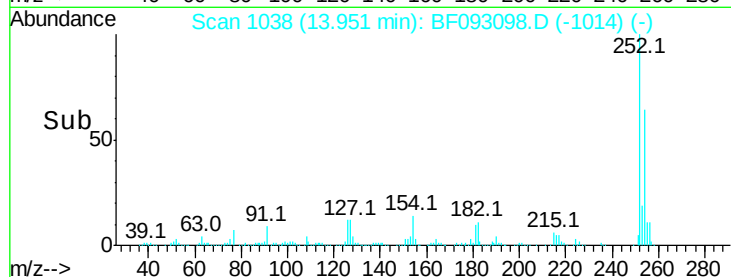
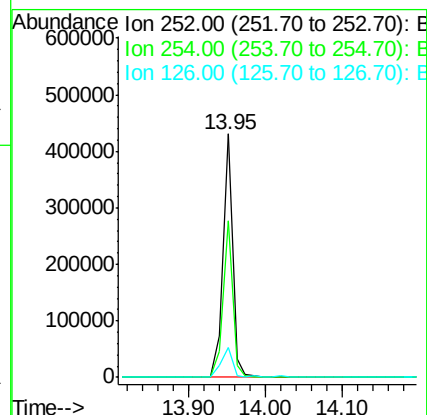
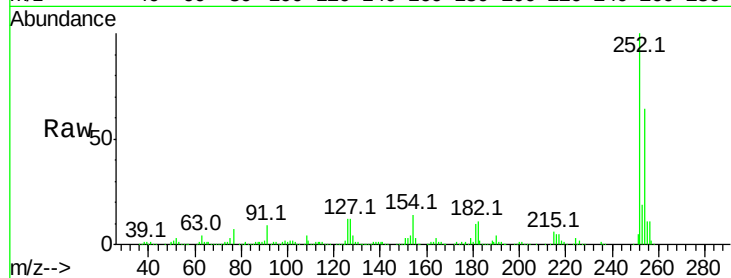




#81
 3,3'-Dichlorobenzidine
 Concen: 40.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

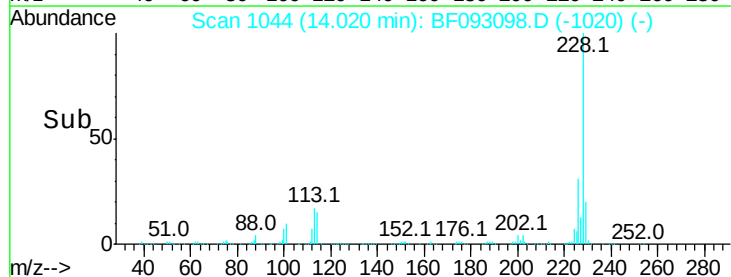
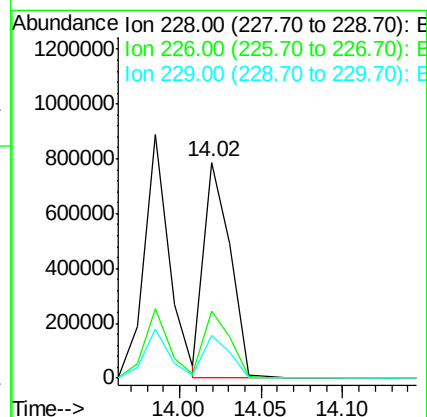
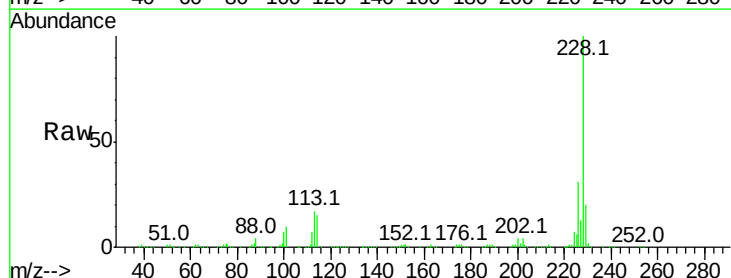
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

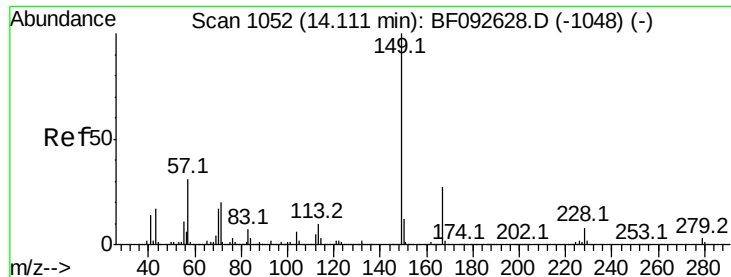
Tot Ion:252 Resp: 376392
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.3 78.5
 126 12.4 13.6 20.4#



#82
 Chrysene
 Concen: 36.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:228 Resp: 891828
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 19.7 16.2 24.2

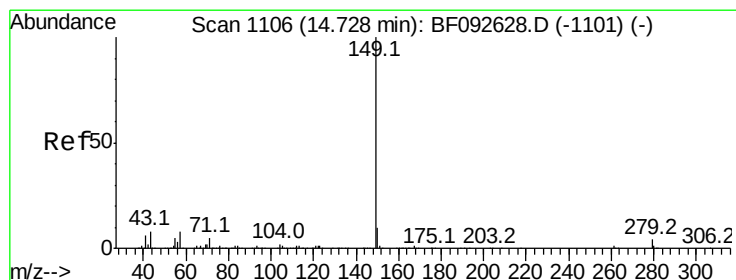
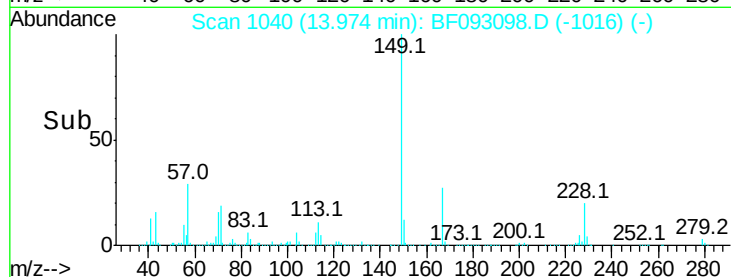
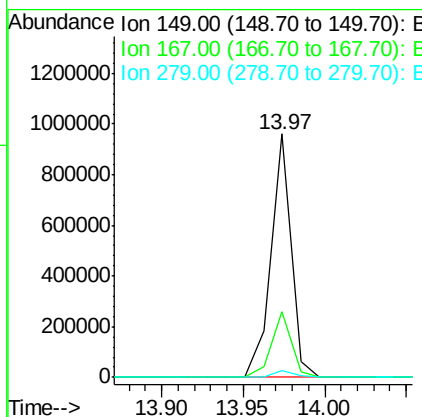
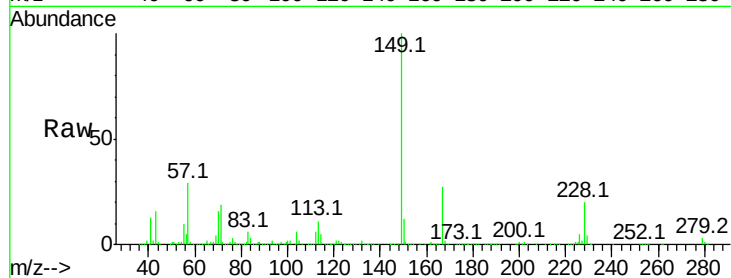




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.39 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

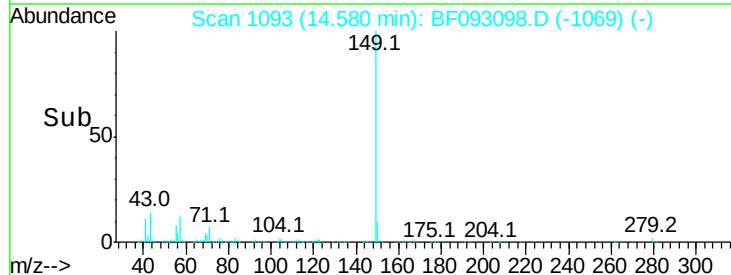
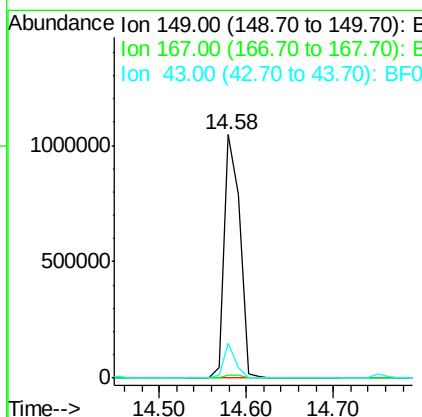
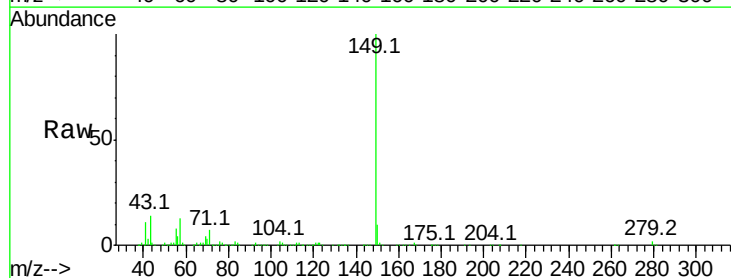
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

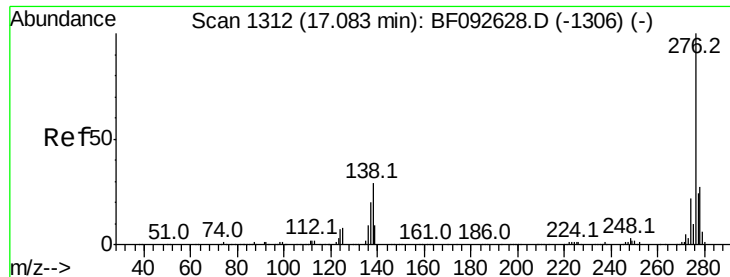
Tot Ion:149 Resp: 832260
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.83 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion:149 Resp: 1309573
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 8.9 13.3

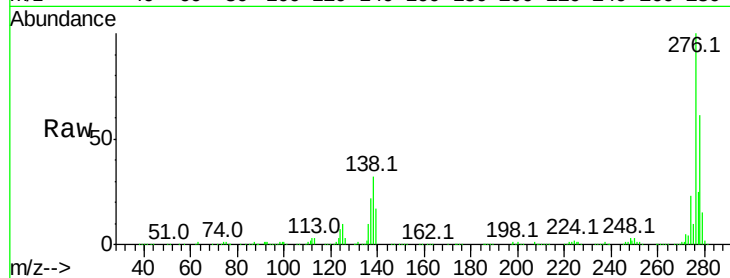




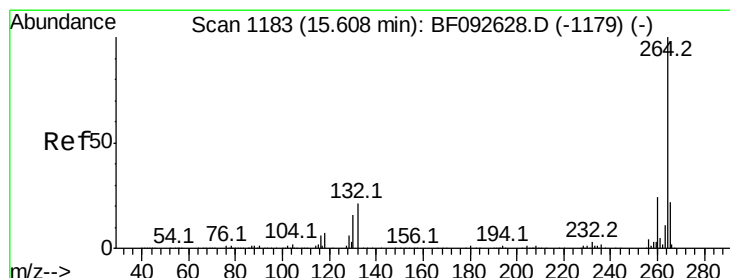
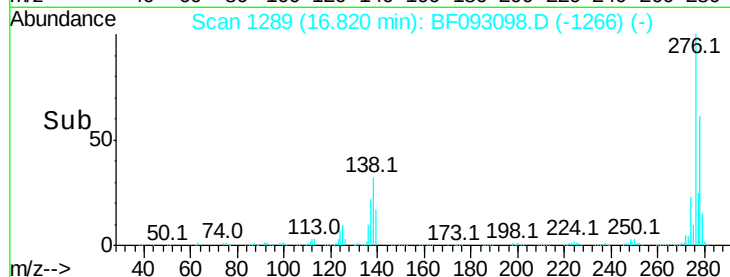
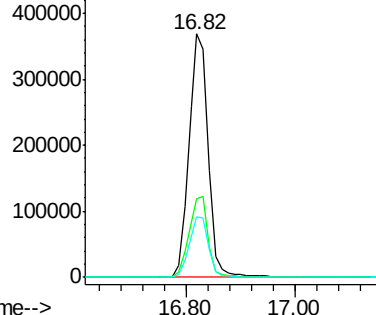
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.96 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	25.0	20.2	30.4

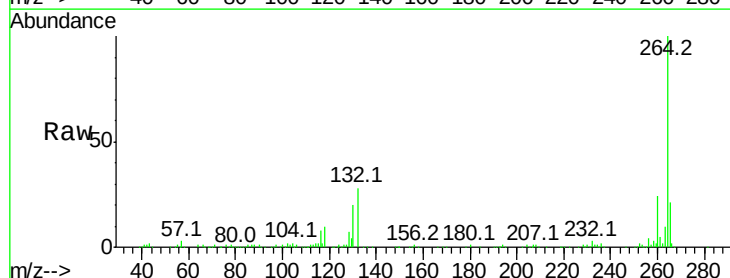


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

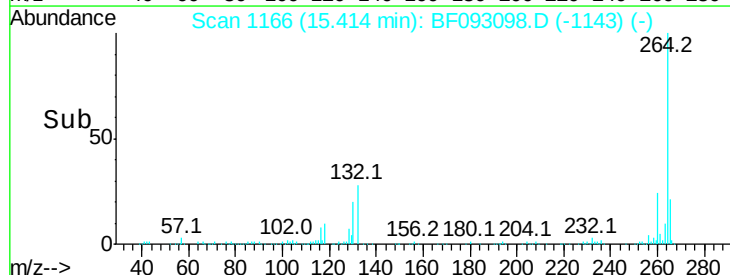
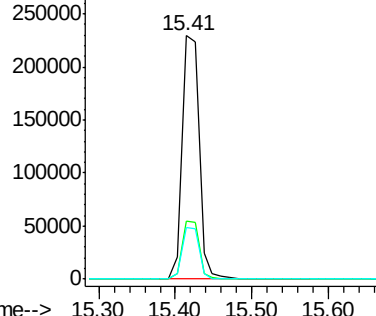


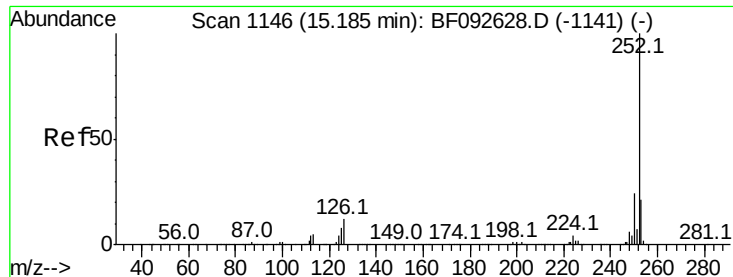
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093098.D
 Acq: 23 Feb 2017 9:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0



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

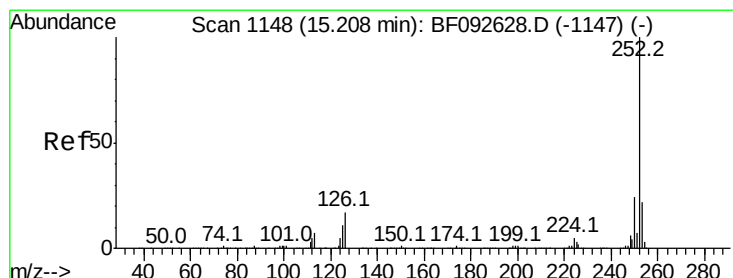
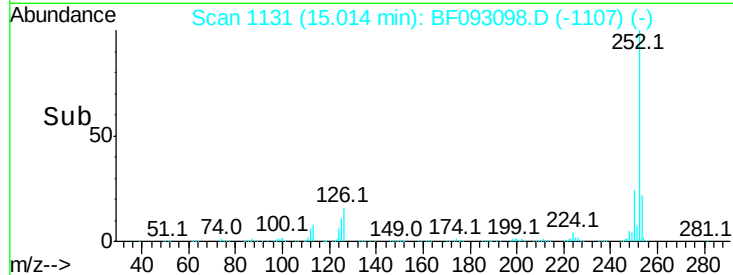
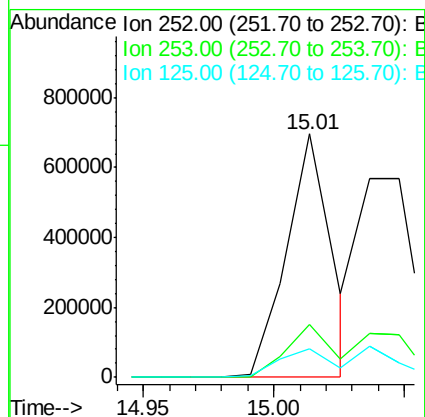
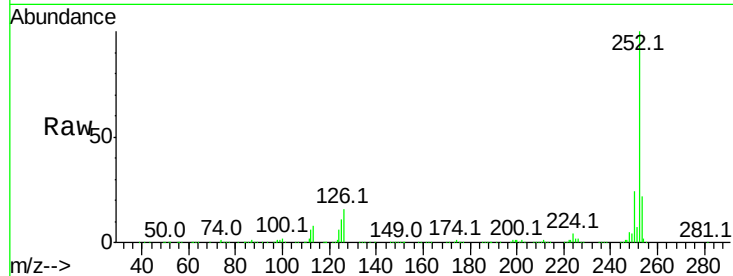




#87
Benzo(b)fluoranthene
Concen: 36.09 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

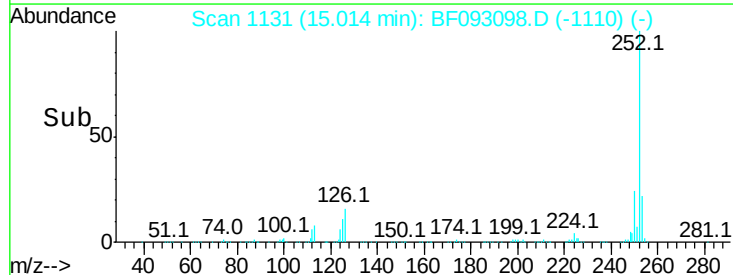
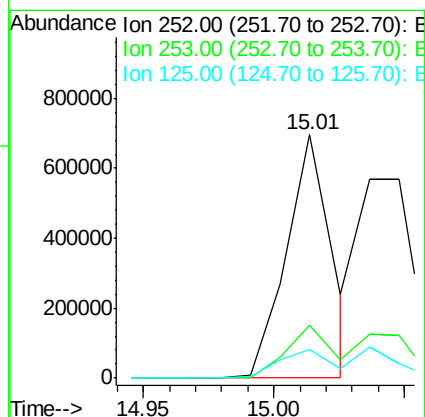
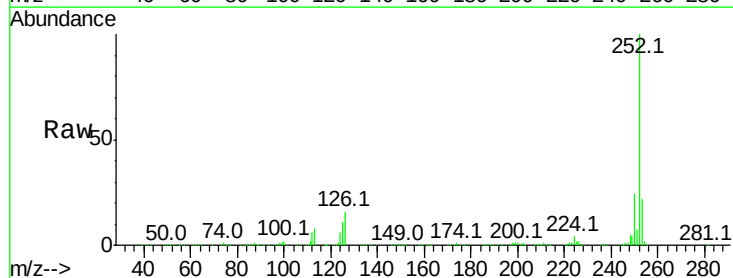
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

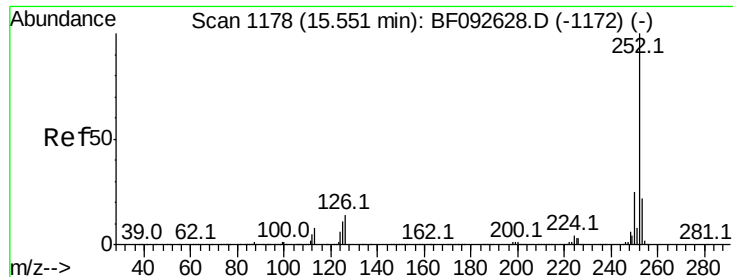
Tot Ion:252 Resp: 831596
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 41.80 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:252 Resp: 831596
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.5 8.9 13.3

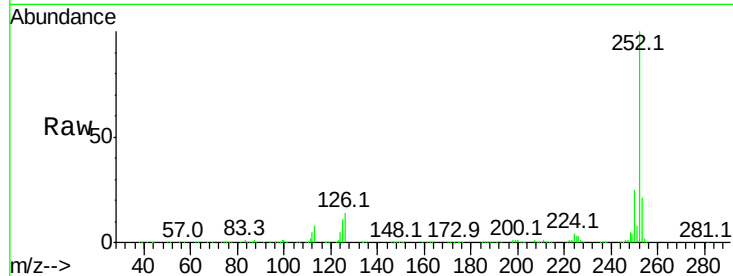




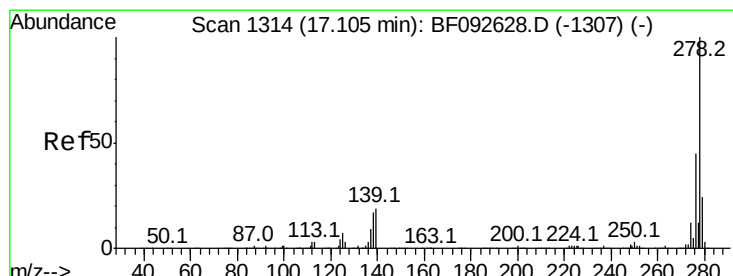
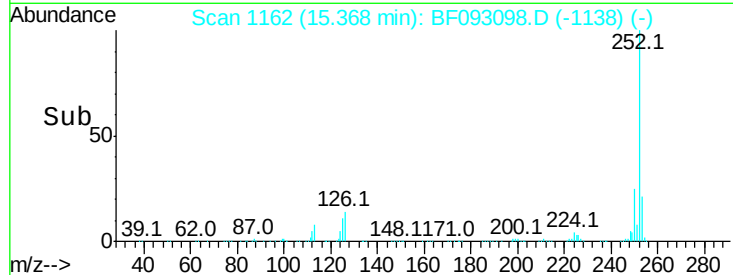
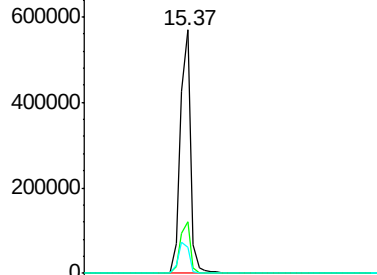
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 801659
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 10.6 10.0 15.0

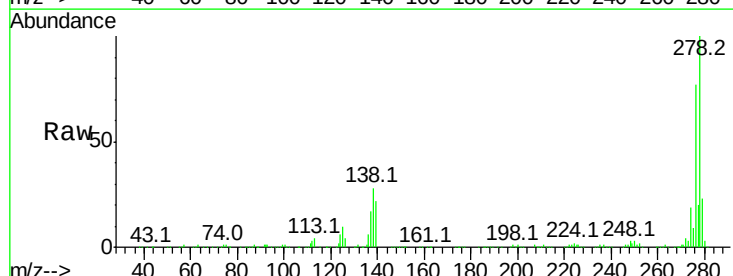


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

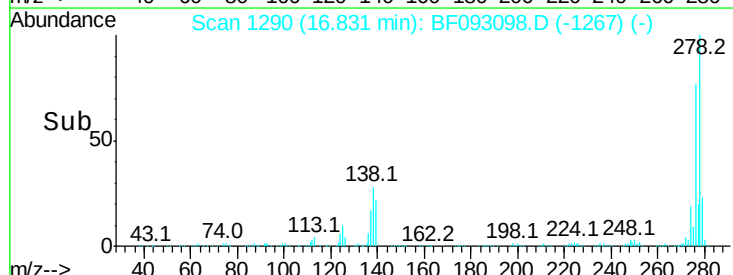
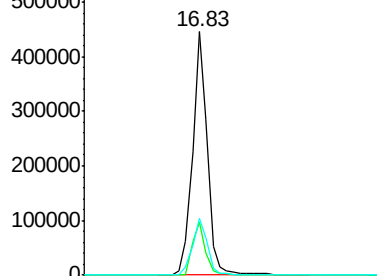


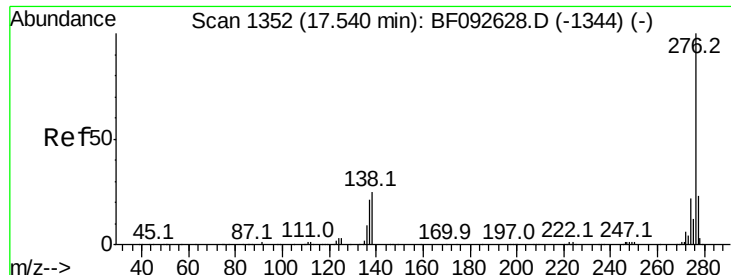
#90
Dibenzo(a,h)anthracene
Concen: 48.06 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093098.D
Acq: 23 Feb 2017 9:43

Tgt Ion:278 Resp: 774290
Ion Ratio Lower Upper
278 100
139 21.9 14.8 22.2
279 23.3 19.8 29.6



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





#91

Benzo(a,h,i)perylene

Concen: 50.81 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093098.D

Acq: 23 Feb 2017 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

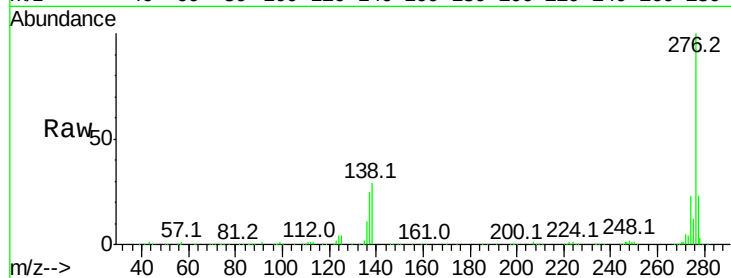
Tot Ion:276 Resp: 826912

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 28.7 16.0 24.0



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

