

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093349.D
 Acq On : 3 Mar 2017 8:49
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 03 09:38:49 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	6.80	152	169415	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	688043	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	354238	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	576144	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	489817	20.00	ng	-0.05
86) Perylene-d12	15.39	264	386234	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	838800	84.94	ng	-0.07
7) Phenol-d6	6.45	99	1038027	81.70	ng	-0.03
23) Nitrobenzene-d5	7.38	82	1019910	82.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	202796	79.15	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1388032	70.99	ng	-0.05
78) Terphenyl-d14	12.92	244	1596736	76.60	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	195379	36.62	ng	# 85
3) Pyridine	2.99	79	582516	42.93	ng	86
4) n-Nitrosodimethylamine	2.94	42	267595	42.00	ng	83
6) Aniline	6.45	93	642701	37.08	ng	# 66
8) 2-Chlorophenol	6.58	128	450541	41.36	ng	90
9) Benzaldehyde	6.34	77	323031	35.49	ng	91
10) Phenol	6.46	94	627733	42.23	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	507687	42.79	ng	96
12) 1,3-Dichlorobenzene	6.73	146	509636	39.94	ng	# 89
13) 1,4-Dichlorobenzene	6.81	146	505388	39.13	ng	99
14) 1,2-Dichlorobenzene	6.97	146	497294	40.27	ng	96
15) Benzyl Alcohol	6.96	79	356152	37.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	835125	40.51	ng	80
17) 2-Methylphenol	7.07	107	373392	39.95	ng	# 91
18) Hexachloroethane	7.31	117	176740	40.09	ng	# 86
19) n-Nitroso-di-n-propylamine	7.22	70	323375	39.98	ng	93
20) 3+4-Methylphenols	7.23	107	506506	45.33	ng	# 76
22) Acetophenone	7.22	105	651653	41.48	ng	# 96
24) Nitrobenzene	7.39	77	512267	40.38	ng	99
25) Isophorone	7.63	82	949379	41.24	ng	94
26) 2-Nitrophenol	7.71	139	252987	41.95	ng	96
27) 2,4-Dimethylphenol	7.76	122	368797	34.82	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	661438	43.38	ng	99
29) 2,4-Dichlorophenol	7.96	162	397117	40.20	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	392639	36.89	ng	94
31) Naphthalene	8.11	128	1238604	35.51	ng	99
32) Benzoic acid	7.92	122	277724	46.54	ng	98
33) 4-Chloroaniline	8.17	127	516579	37.77	ng	# 94
34) Hexachlorobutadiene	8.22	225	208823	35.66	ng	100
35) Caprolactam	8.56	113	126703	40.78	ng	# 32
36) 4-Chloro-3-methylphenol	8.67	107	421867	40.96	ng	98
37) 2-Methylnaphthalene	8.81	142	841772	37.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	407833	41.01	ng	99
40) Hexachlorocyclopentadiene	8.96	237	148351	33.07	ng	95

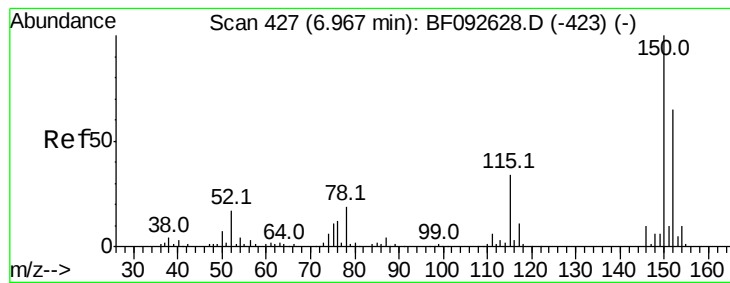
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	252580	38.66	nq	91
43) 2,4,5-Trichlorophenol	9.15	196	276649	38.64	nq	# 84
45) 1,1'-Biphenyl	9.28	154	1058484	41.27	nq	98
46) 2-Chloronaphthalene	9.30	162	771321	38.44	nq	96
47) 2-Nitroaniline	9.40	65	296220	43.91	nq	88
48) Acenaphthylene	9.71	152	1223307	35.29	nq	99
49) Dimethylphthalate	9.58	163	996870	41.78	nq	100
50) 2,6-Dinitrotoluene	9.65	165	243500	47.26	nq	96
51) Acenaphthene	9.88	154	722119	34.84	nq	96
52) 3-Nitroaniline	9.82	138	284210	48.20	nq	91
53) 2,4-Dinitrophenol	9.94	184	48154	22.02	nq	# 49
54) Dibenzofuran	10.05	168	953470	34.40	nq	98
55) 4-Nitrophenol	10.01	139	132601	31.22	nq	84
56) 2,4-Dinitrotoluene	10.06	165	265773	38.74	nq	# 69
57) Fluorene	10.40	166	803289	37.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	194318	40.69	nq	96
59) Diethylphthalate	10.28	149	929613	41.34	nq	94
60) 4-Chlorophenyl-phenylether	10.40	204	384885	37.57	nq	# 71
61) 4-Nitroaniline	10.44	138	266316	44.09	nq	81
62) Azobenzene	10.54	77	991210	42.67	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	101030	29.88	nq	90
65) n-Nitrosodiphenylamine	10.51	169	701920	38.14	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	225238	37.42	nq	94
67) Hexachlorobenzene	10.94	284	230841	38.81	nq	# 74
68) Atrazine	11.05	200	266597	45.14	nq	97
69) Pentachlorophenol	11.15	266	113531	40.85	nq	96
70) Phenanthrene	11.36	178	1248437	37.82	nq	99
71) Anthracene	11.41	178	1299647	39.21	nq	98
72) Carbazole	11.57	167	1207848	38.12	nq	99
73) Di-n-butylphthalate	11.89	149	1368654	39.94	nq	98
74) Fluoranthene	12.55	202	1282662	37.67	nq	98
76) Benzidine	12.68	184	664579	31.84	nq	96
77) Pyrene	12.77	202	1333669	36.38	nq	99
79) Butylbenzylphthalate	13.39	149	634137	42.60	nq	94
80) Benzo(a)anthracene	13.96	228	1202386	40.14	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	370370	34.68	nq	99
82) Chrysene	14.01	228	1225967	43.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	952791	46.80	nq	# 96
84) Di-n-octyl phthalate	14.56	149	1487586	44.88	nq	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	830269	38.22	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	2078130	81.75	nq	# 96
88) Benzo(k)fluoranthene	15.03	252	2079787	94.75	nq	97
89) Benzo(a)pyrene	15.35	252	930352	42.31	nq	# 96
90) Dibenzo(a,h)anthracene	16.80	278	714285	40.19	nq	97
91) Benzo(g,h,i)perylene	17.21	276	741986	41.33	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

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BNA_F

ClientSampleId :

SSTDCCC040

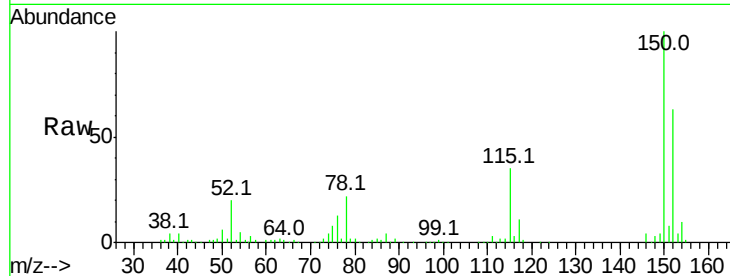
Tot Ion:152 Resp: 169415

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

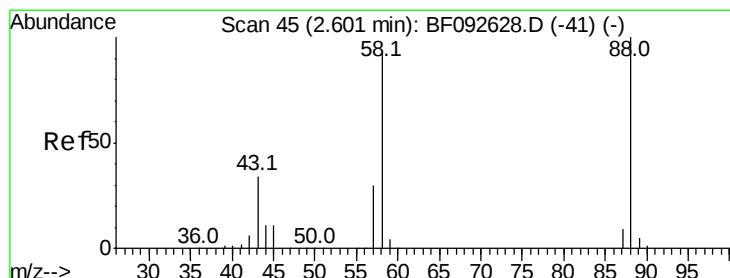
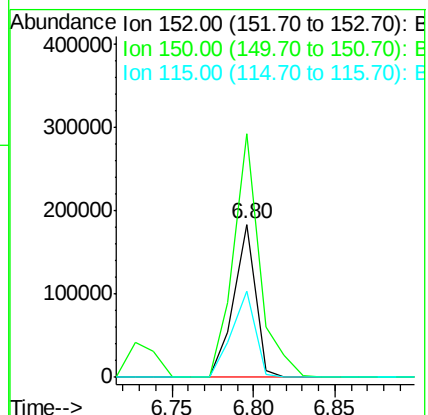
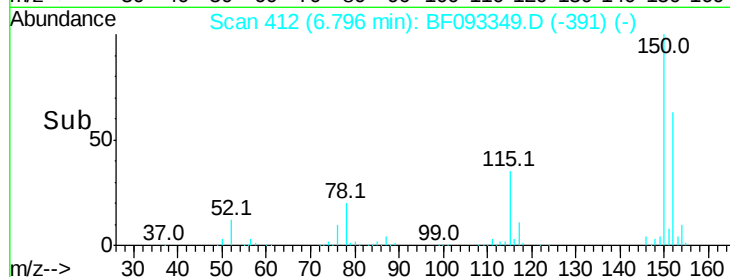
115 56.1 46.0 69.0



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: 36.62 ng

RT: 2.28 min Scan# 17

Delta R.T. -0.15 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

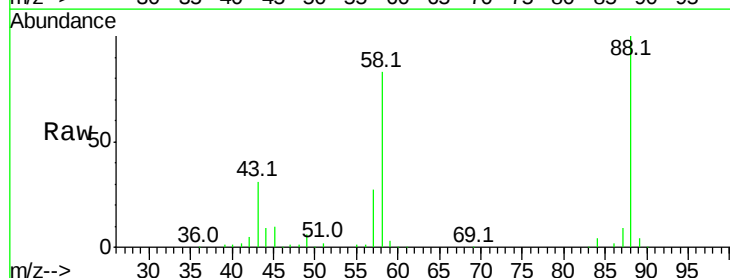
Tgt Ion: 88 Resp: 195379

Ion Ratio Lower Upper

88 100

58 87.7 57.8 86.8#

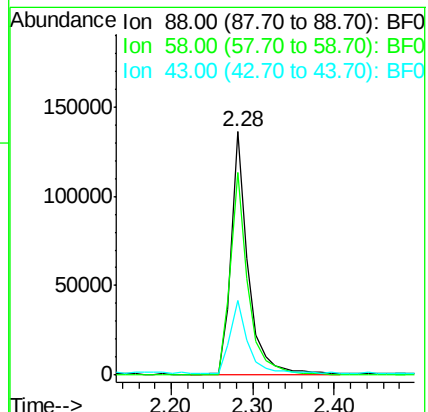
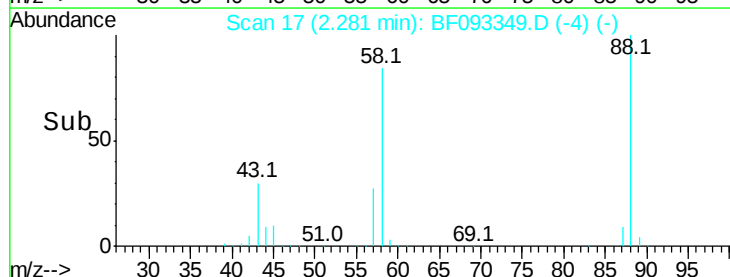
43 31.0 22.3 33.5

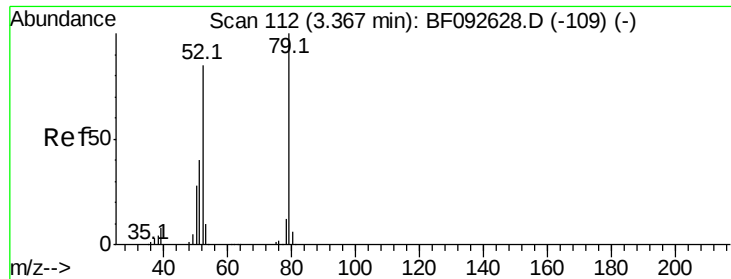


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.93 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.16 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

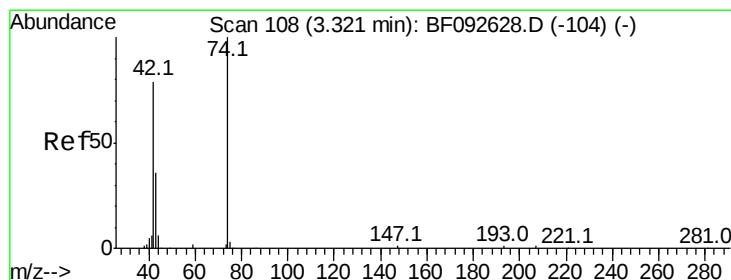
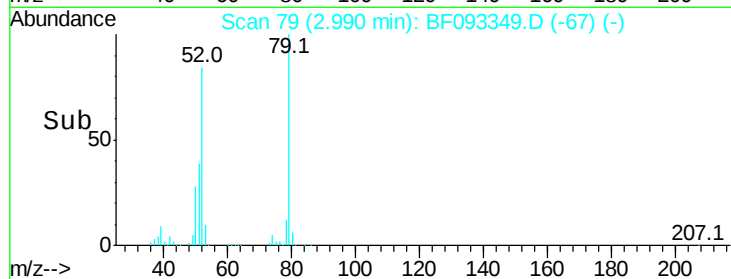
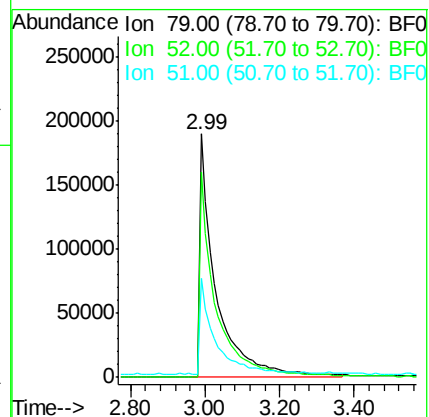
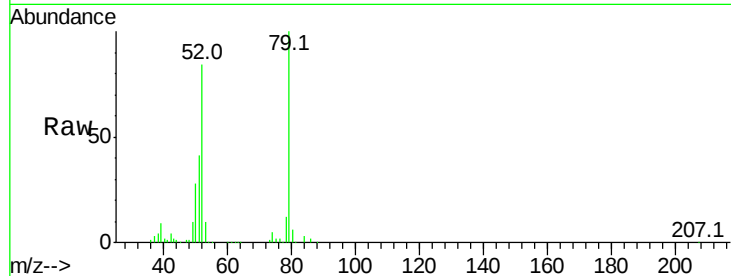
Tot Ion: 79 Resp: 582516

Ion Ratio Lower Upper

79 100

52 84.3 57.1 85.7

51 40.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.00 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.16 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

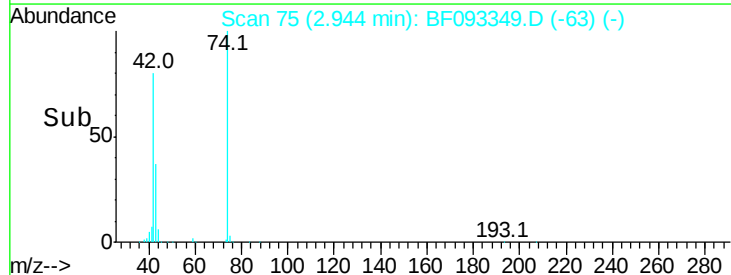
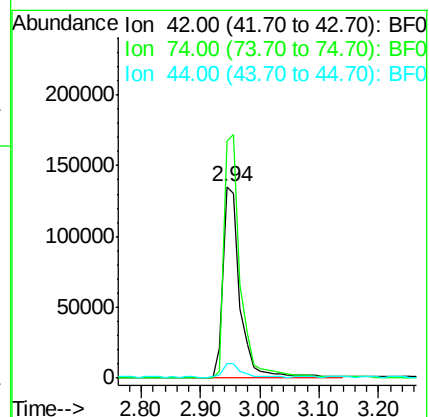
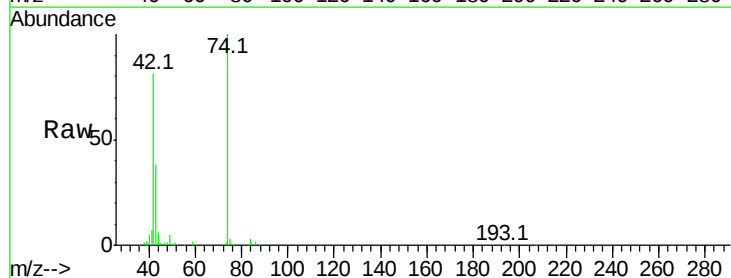
Tgt Ion: 42 Resp: 267595

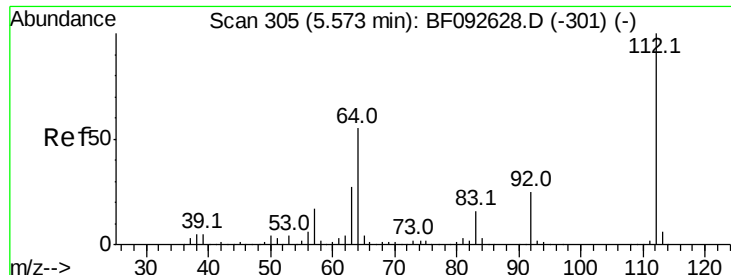
Ion Ratio Lower Upper

42 100

74 124.0 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 84.94 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

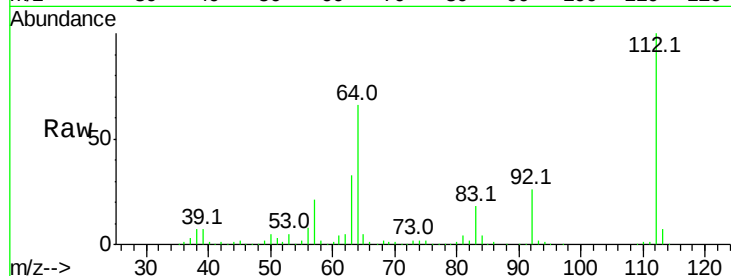
Tot Ion:112 Resp: 838800

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

63 33.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

800000

600000

400000

200000

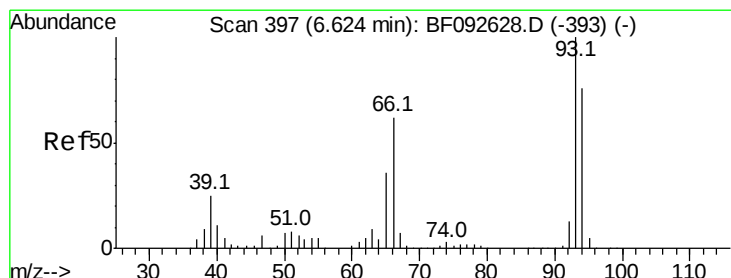
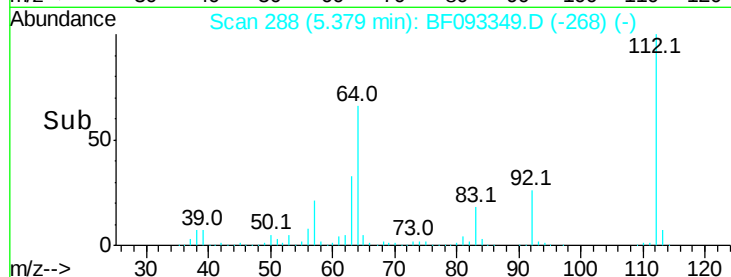
0

5.38

5.20

5.40

5.60



#6

Aniline

Concen: 37.08 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

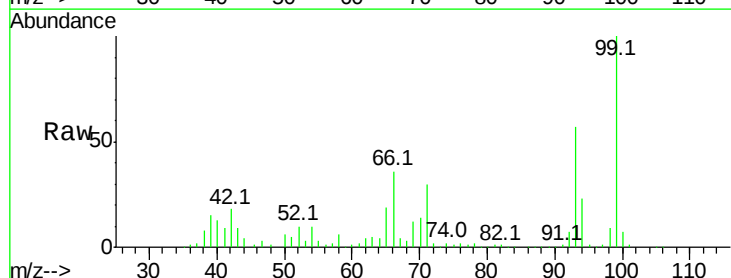
Tgt Ion: 93 Resp: 642701

Ion Ratio Lower Upper

93 100

66 63.7 76.2 114.2#

65 32.8 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

600000

400000

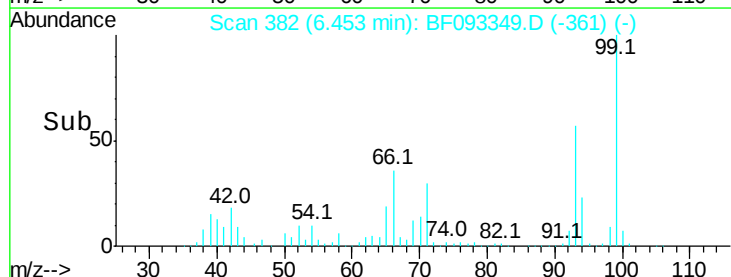
200000

0

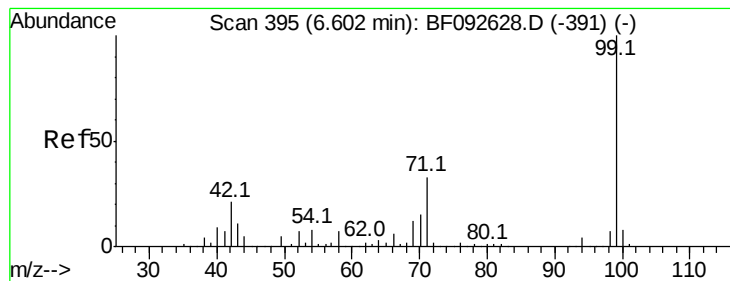
6.45

6.40

6.50



Time-->



#7

Phenol-d6

Concen: 81.70 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

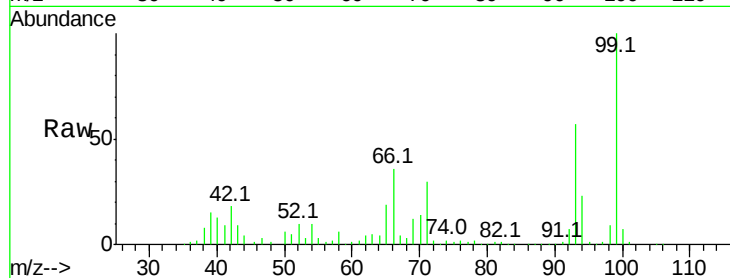
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1038027

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	29.7	27.5	41.3

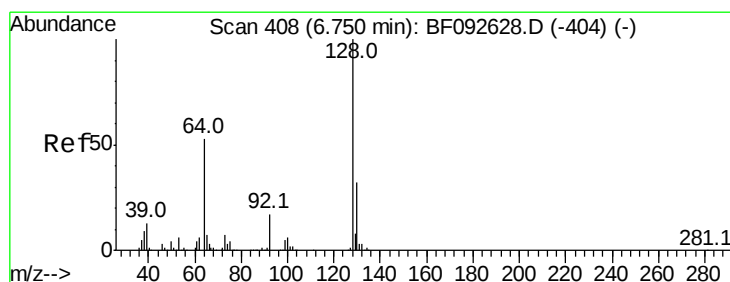
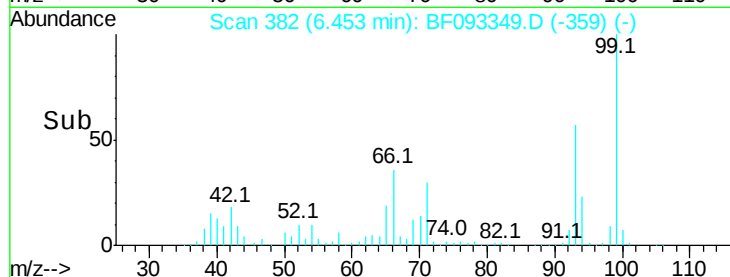
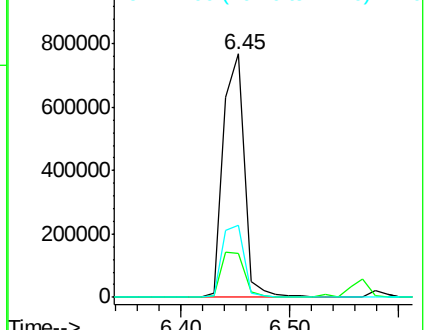


Abundance

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: 41.36 ng

RT: 6.58 min Scan# 393

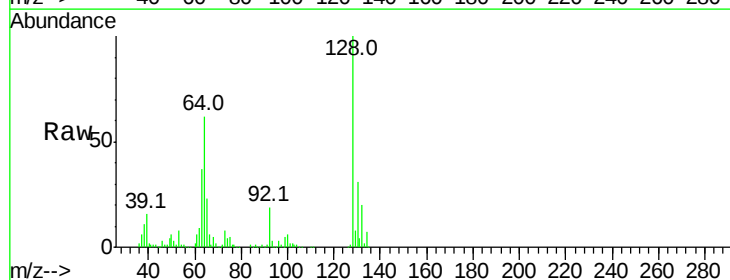
Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion: 128 Resp: 450541

Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.3	52.3
64	61.8	32.2	72.2

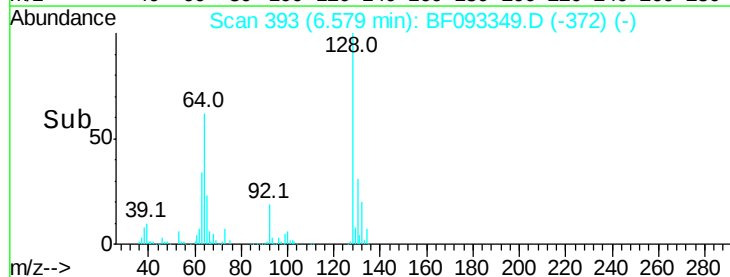
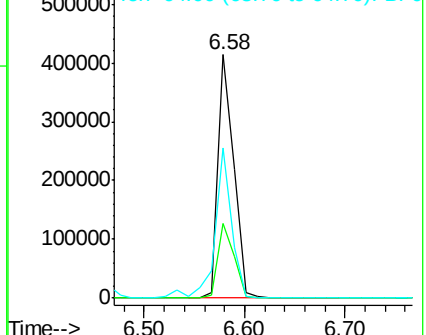


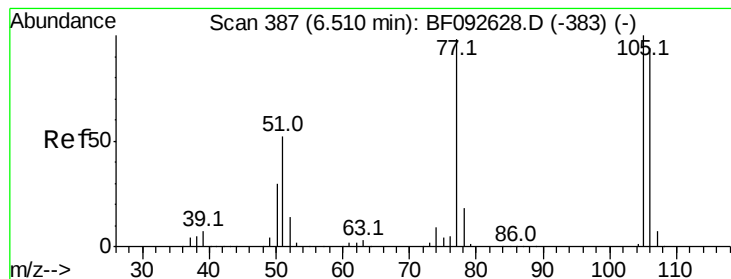
Abundance

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: 35.49 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

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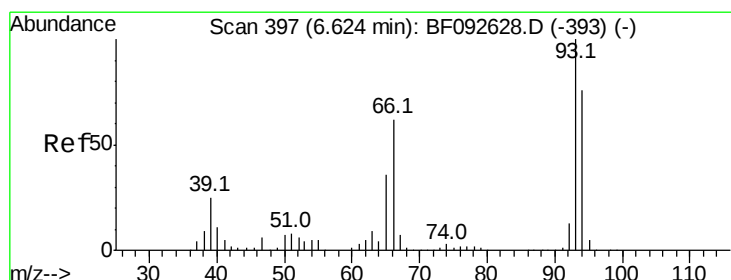
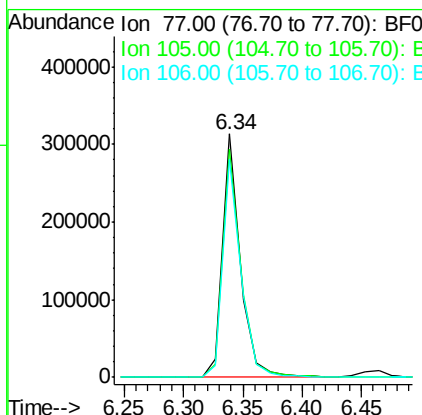
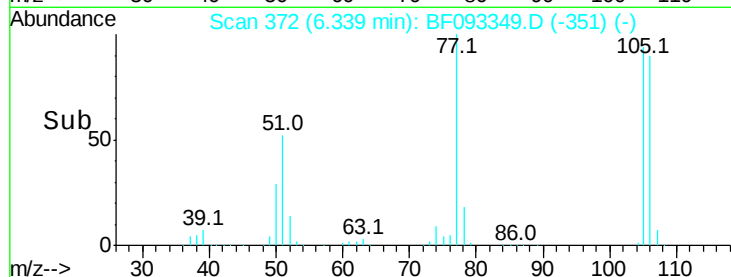
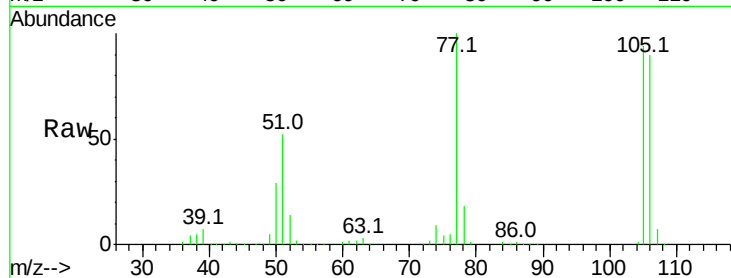
Tot Ion: 77 Resp: 323031

Ion Ratio Lower Upper

77 100

105 93.5 83.9 123.9

106 89.8 77.6 117.6



#10

Phenol

Concen: 42.23 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

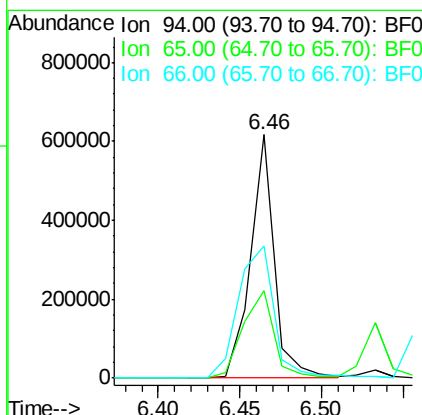
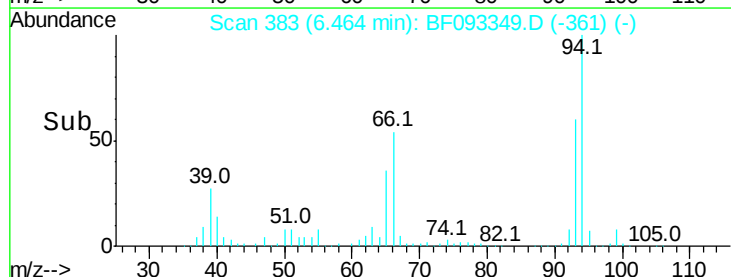
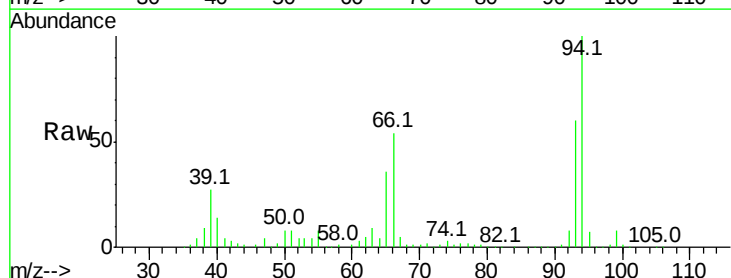
Tgt Ion: 94 Resp: 627733

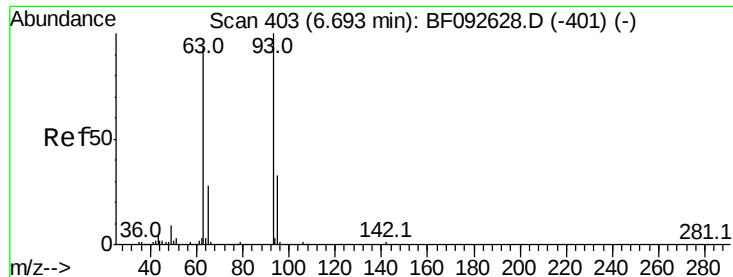
Ion Ratio Lower Upper

94 100

65 35.9 21.4 61.4

66 54.3 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 42.79 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

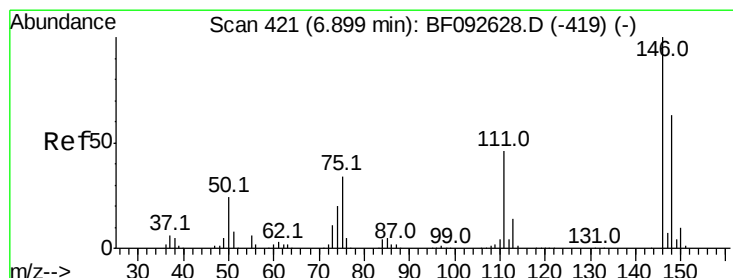
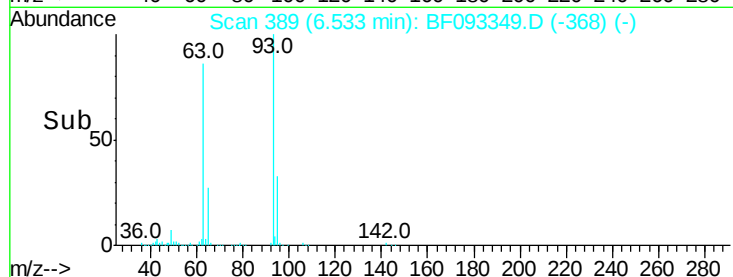
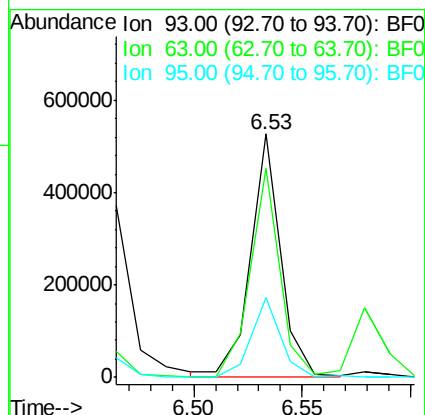
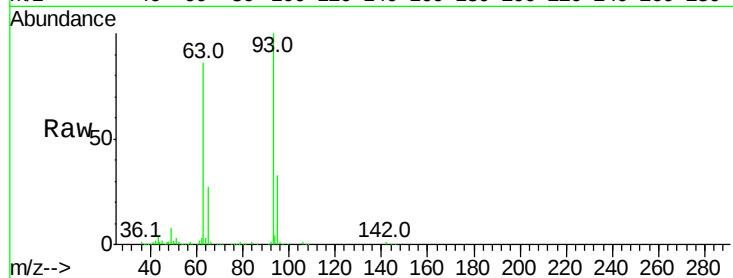
Tot Ion: 93 Resp: 507687

Ion Ratio Lower Upper

93 100

63 85.7 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.94 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.07 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

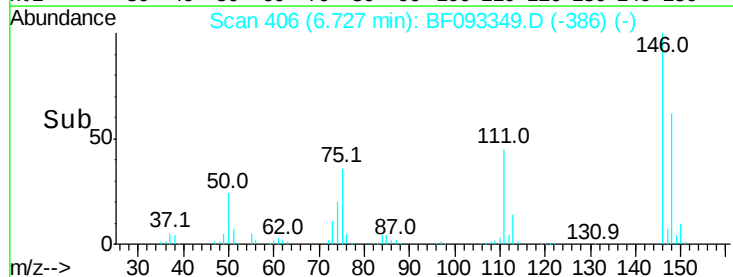
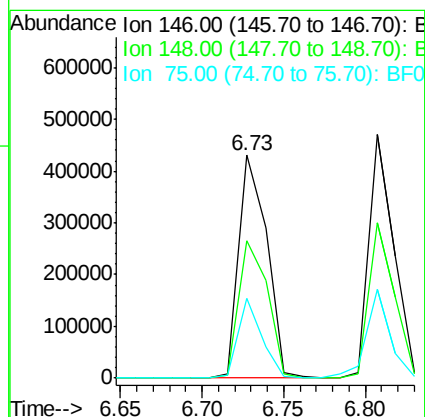
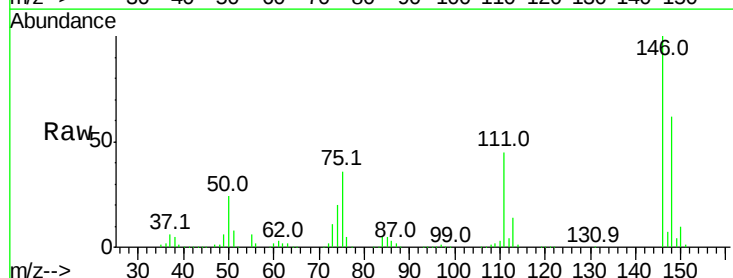
Tgt Ion: 146 Resp: 509636

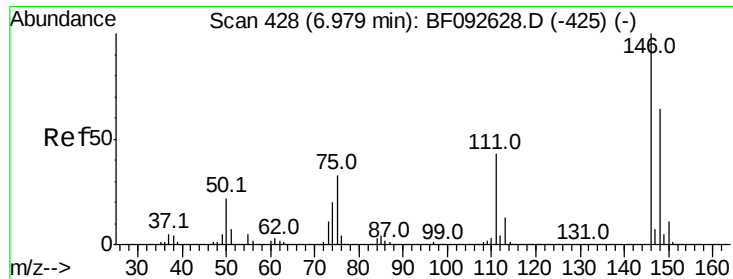
Ion Ratio Lower Upper

146 100

148 61.6 53.4 80.0

75 35.6 18.5 27.7#

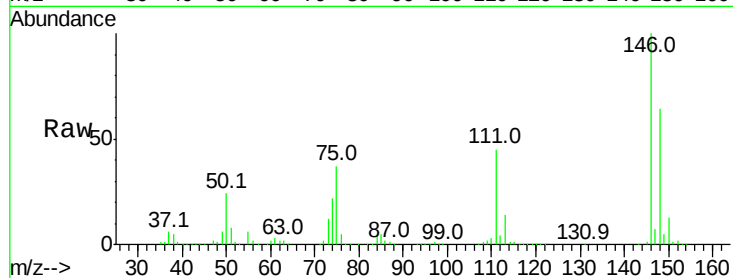




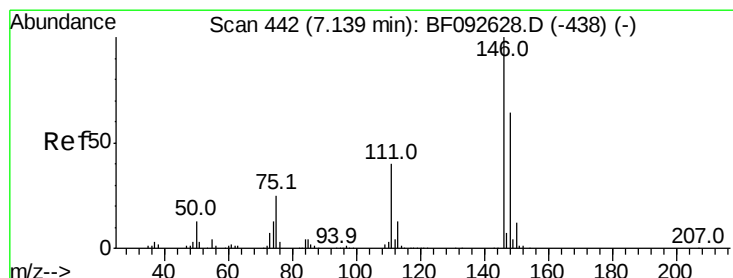
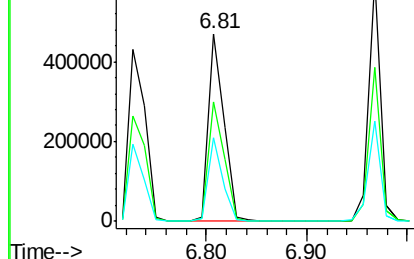
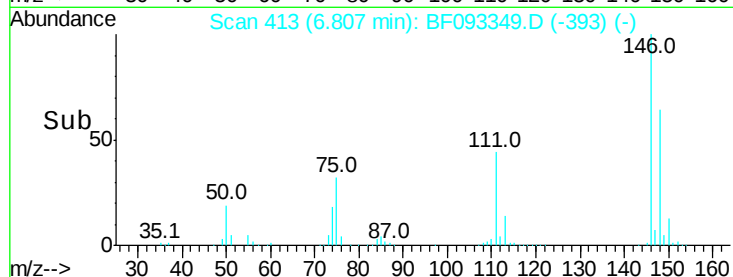
#13
 1,4-Dichlorobenzene
 Concen: 39.13 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.07 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 505388
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 44.6 36.2 54.4

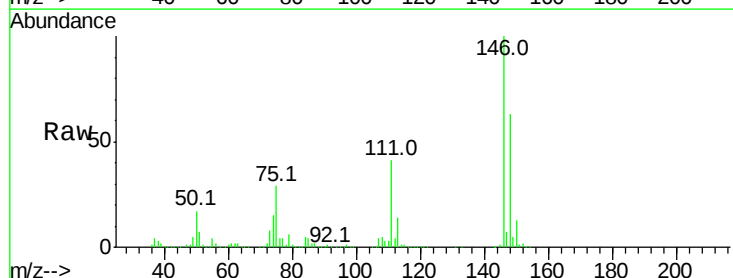


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

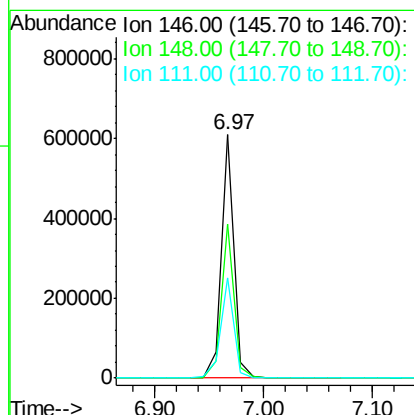
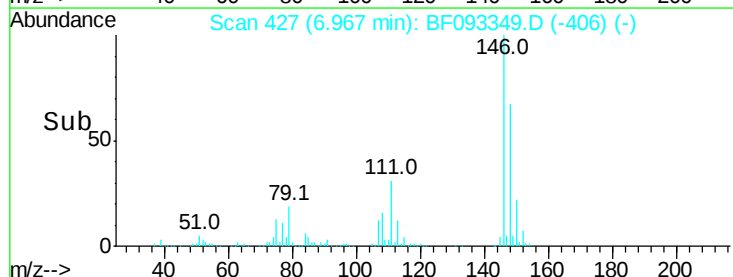


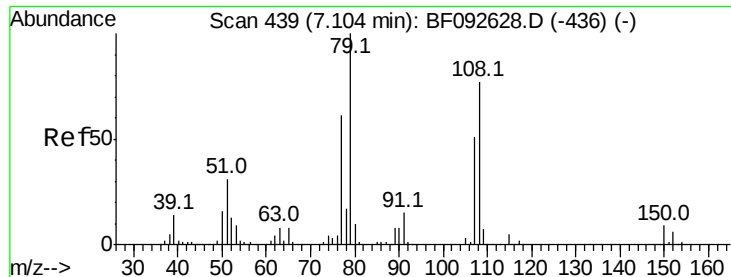
#14
 1,2-Dichlorobenzene
 Concen: 40.27 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:146 Resp: 497294
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.1 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 37.86 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

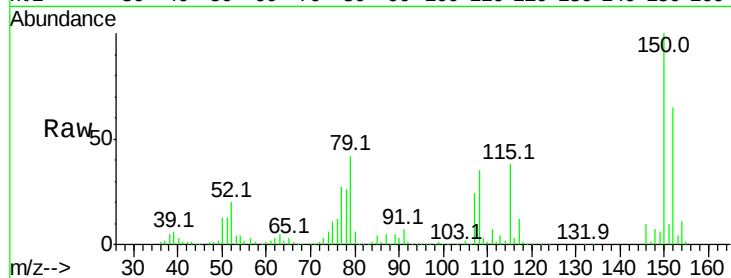
Tot Ion: 79 Resp: 356152

Ion Ratio Lower Upper

79 100

108 82.9 61.4 92.0

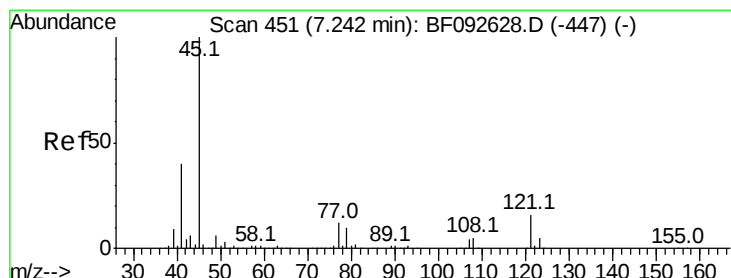
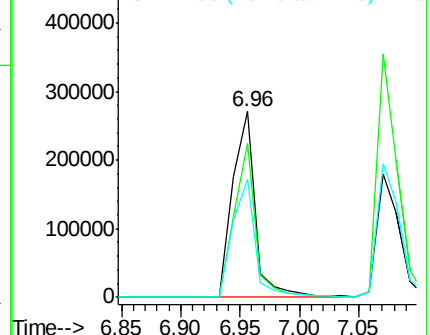
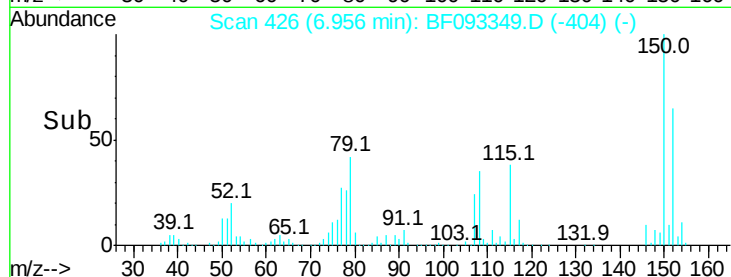
77 63.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.51 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

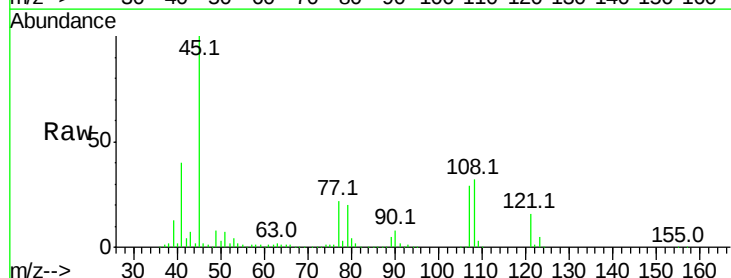
Tgt Ion: 45 Resp: 835125

Ion Ratio Lower Upper

45 100

77 22.4 0.0 34.6

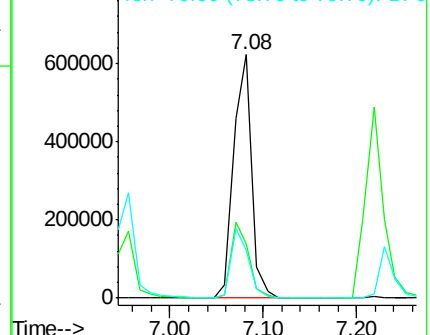
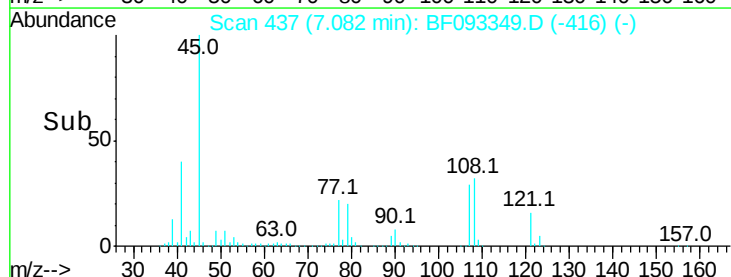
79 19.8 0.0 31.2

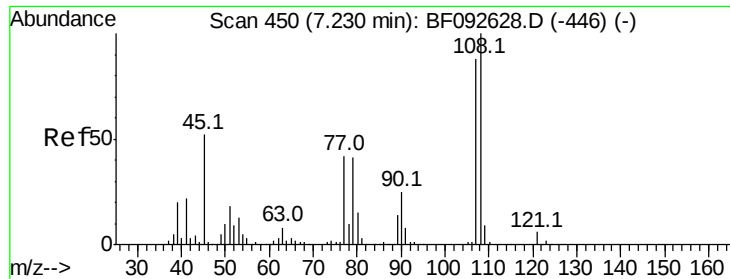


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.95 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 373392

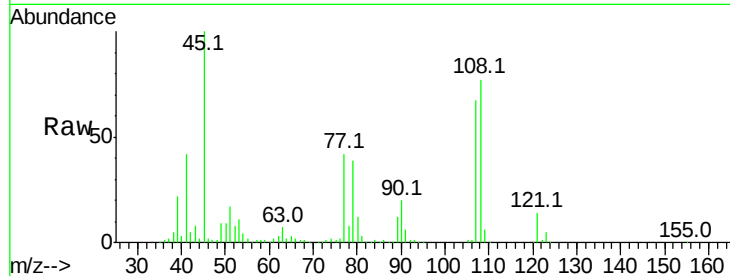
Ion Ratio Lower Upper

107 100

108 114.3 93.0 139.6

77 62.8 39.8 59.8#

79 57.6 38.0 57.0#

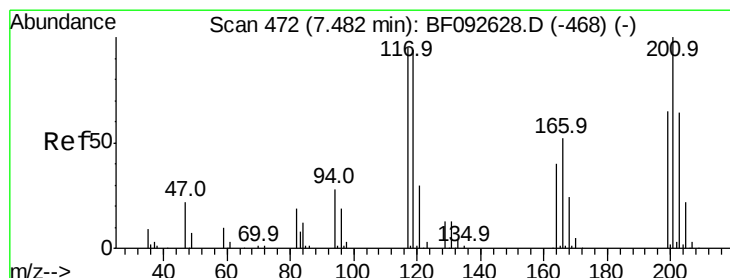
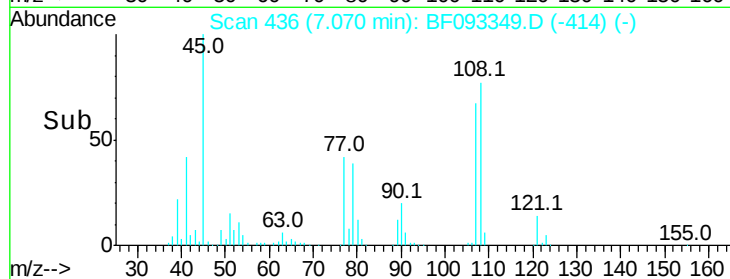
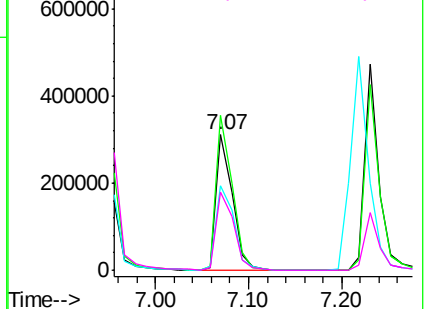


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.09 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

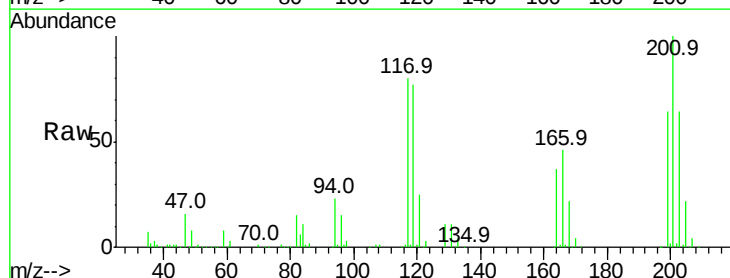
Tgt Ion:117 Resp: 176740

Ion Ratio Lower Upper

117 100

119 96.7 78.1 117.1

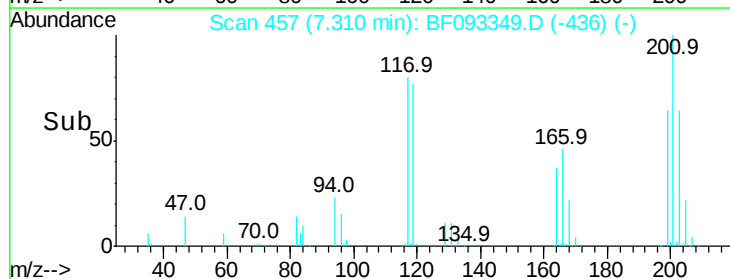
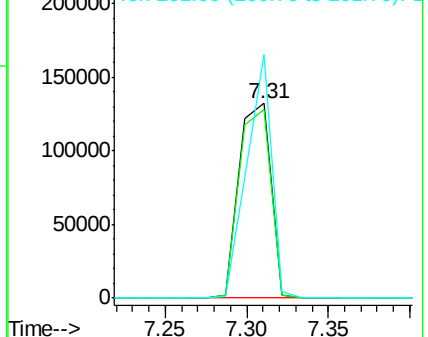
201 125.2 78.6 117.8#

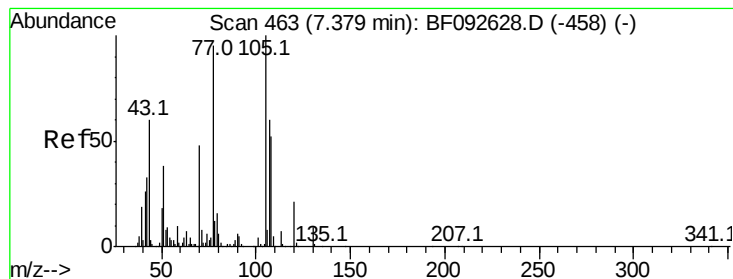


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.98 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 323375

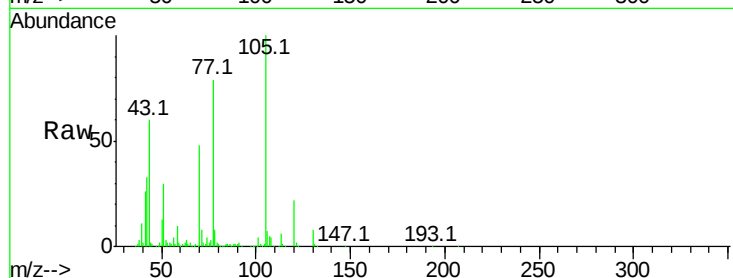
Ion Ratio Lower Upper

70 100

42 68.0 49.4 74.0

101 8.1 7.4 11.2

130 16.3 14.2 21.4

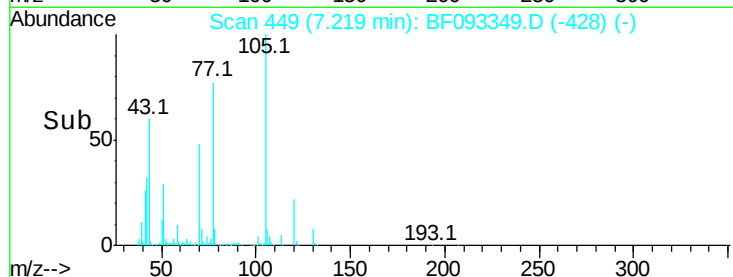
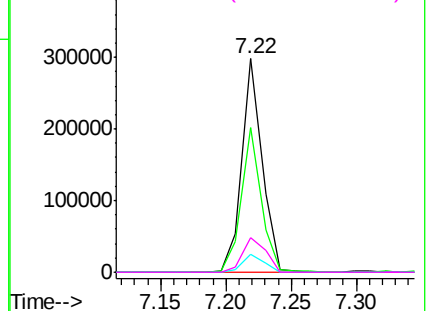


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.33 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion: 107 Resp: 506506

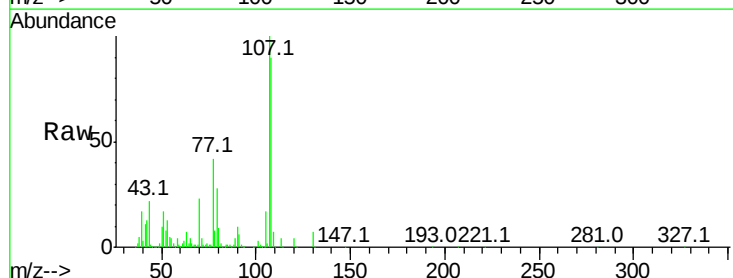
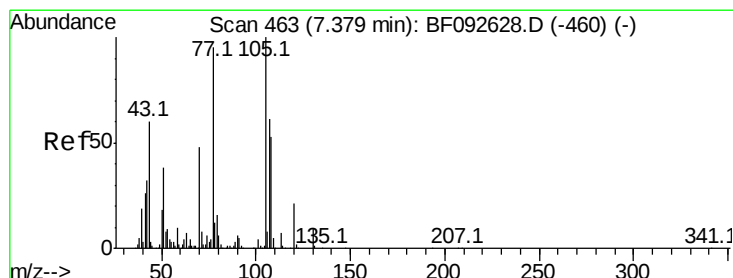
Ion Ratio Lower Upper

107 100

108 89.9 73.0 113.0

77 42.2 71.3 111.3#

79 28.2 11.1 51.1

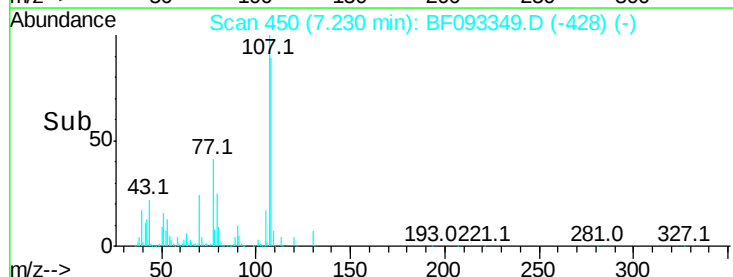
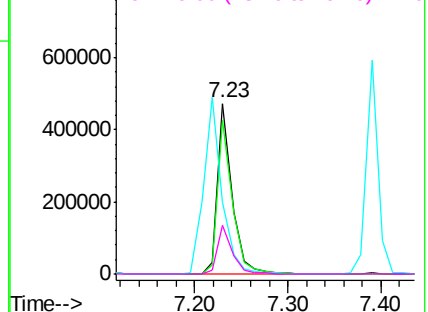


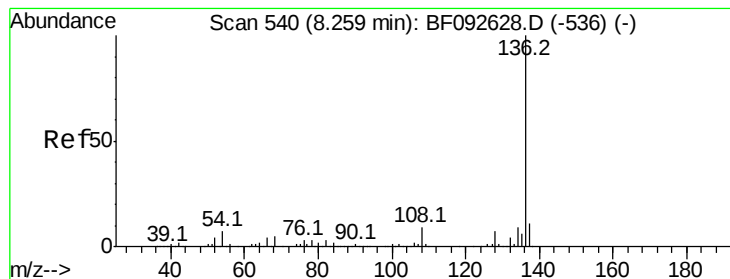
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 688043

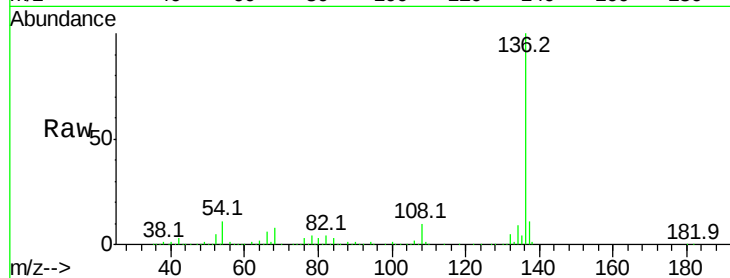
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 10.7 4.5 6.7#

68 7.8 3.6 5.4#

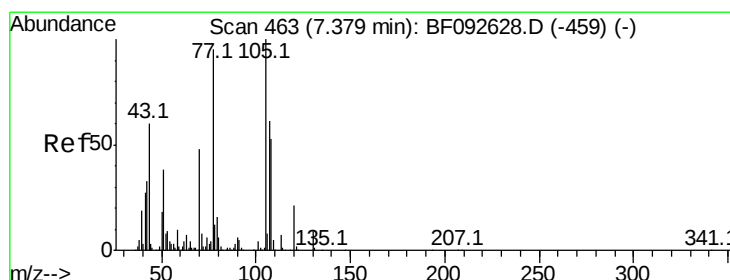
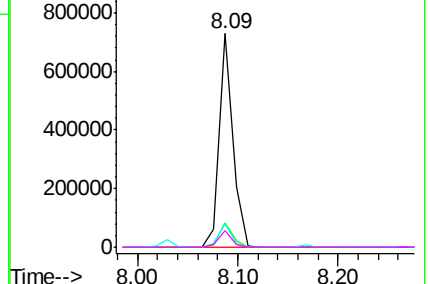
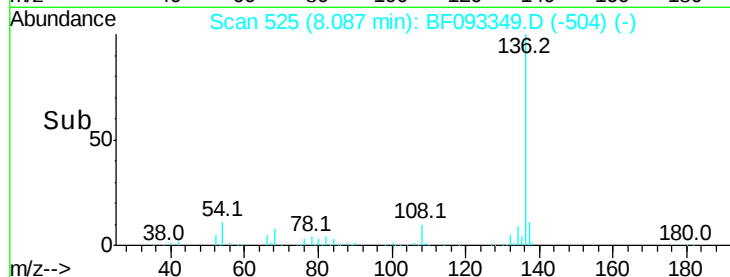


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.48 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:105 Resp: 651653

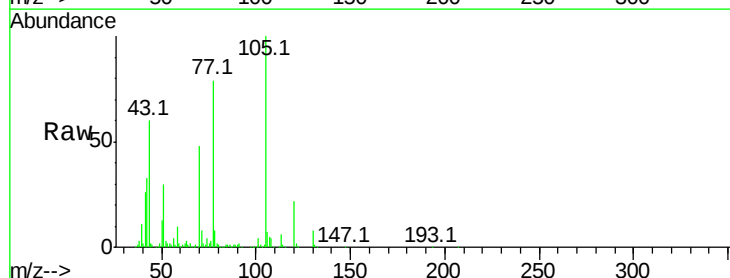
Ion Ratio Lower Upper

105 100

71 8.2 3.2 4.8#

51 30.0 26.2 39.4

120 21.7 16.6 24.8

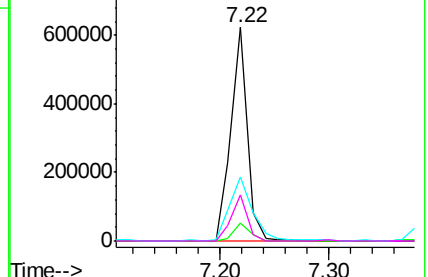
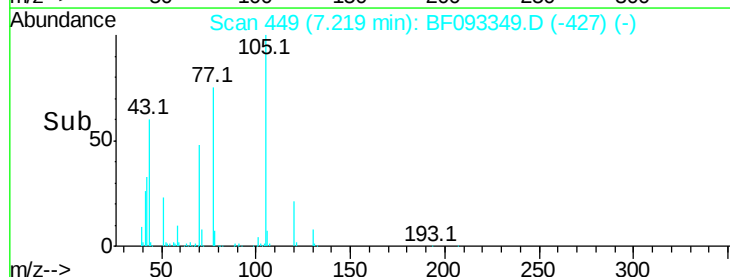


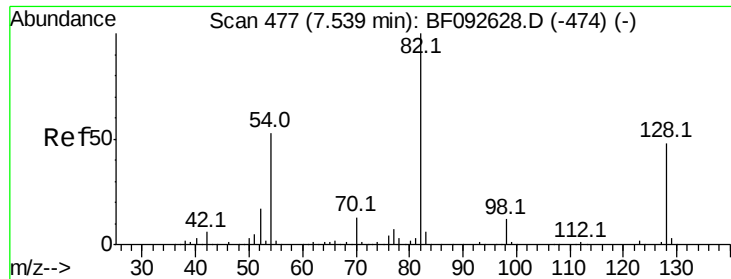
Abundance Ion 105.00 (104.70 to 105.70): E

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



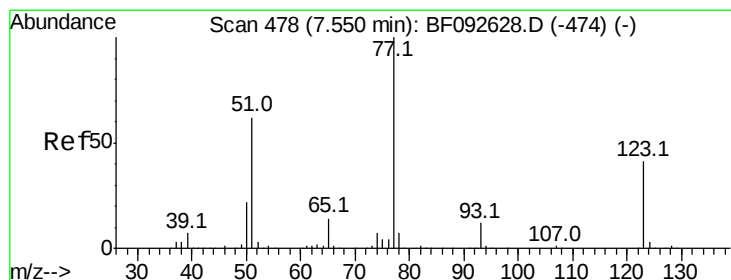
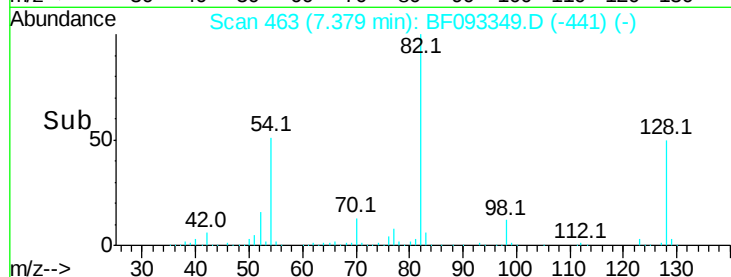
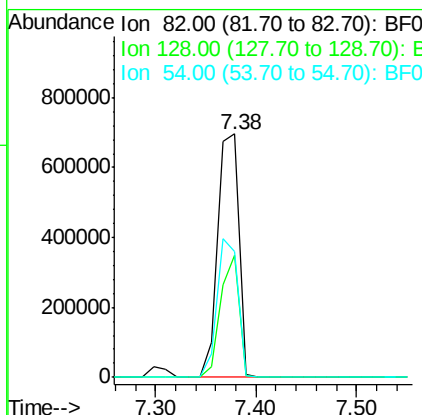
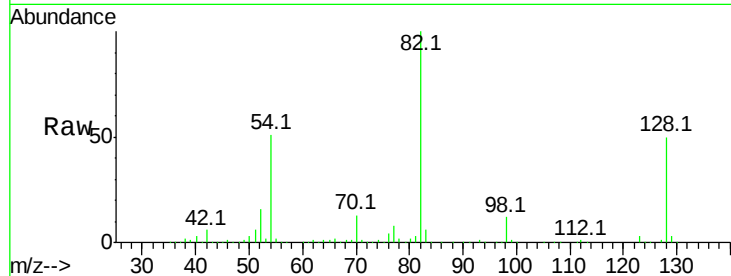


#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1019910

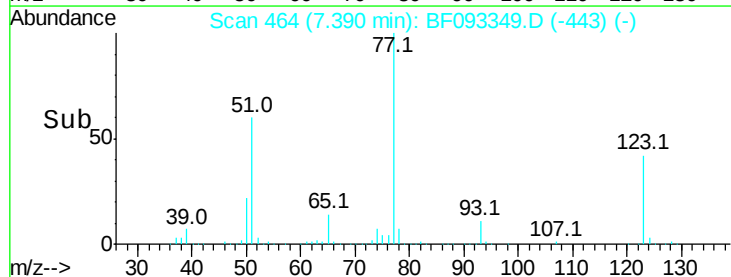
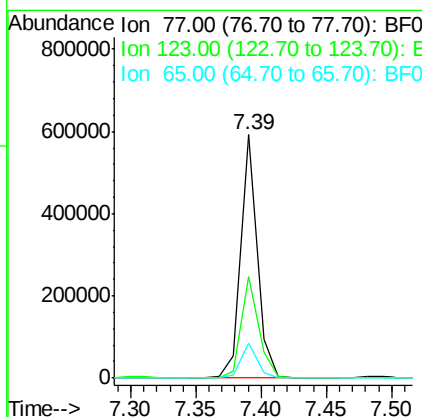
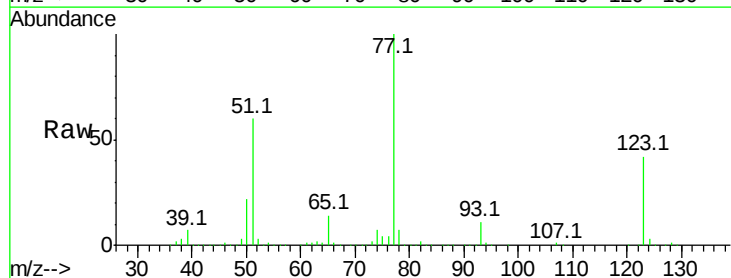
Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.6	52.0
54	51.5	39.5	59.3

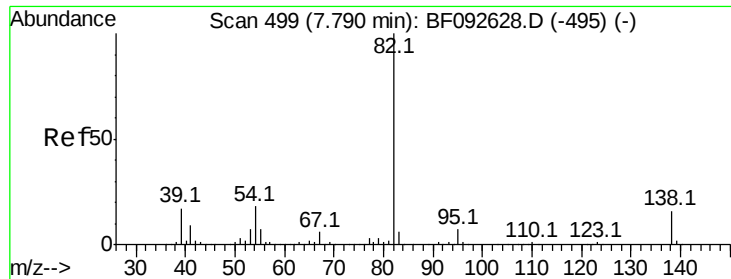


#24
 Nitrobenzene
 Concen: 40.38 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion: 77 Resp: 512267

Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 41.24 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

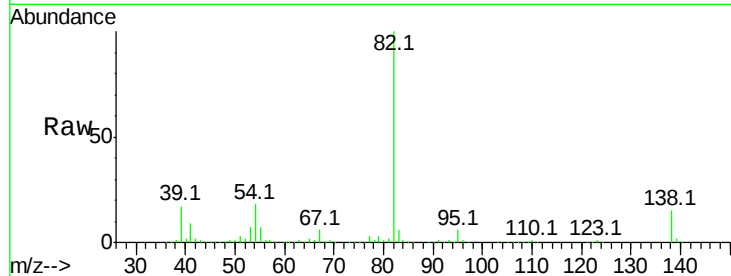
Tot Ion: 82 Resp: 949379

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

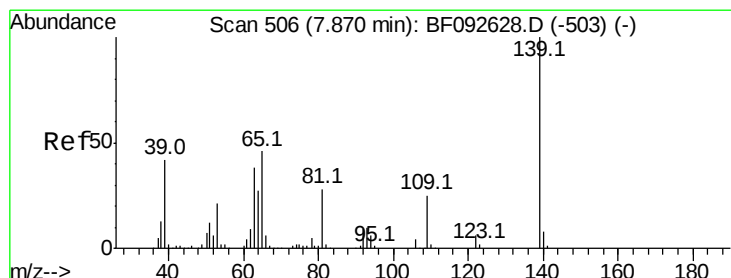
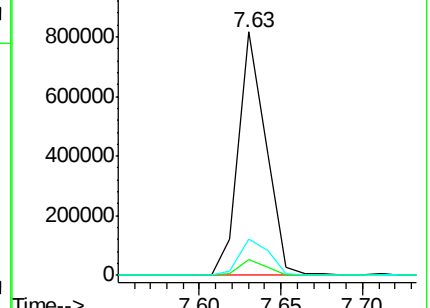
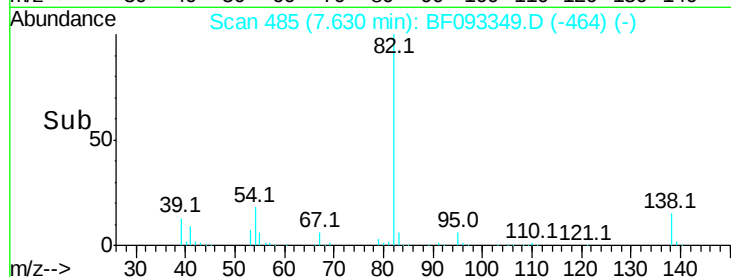
138 14.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.95 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

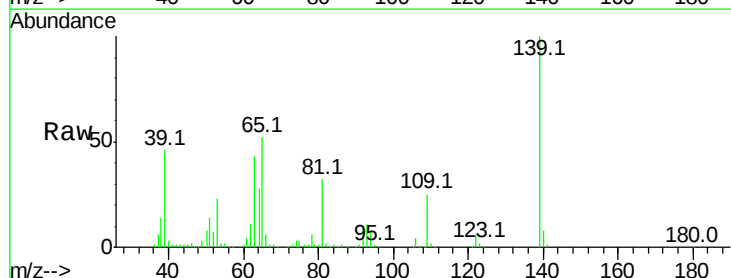
Tgt Ion: 139 Resp: 252987

Ion Ratio Lower Upper

139 100

109 25.3 23.3 34.9

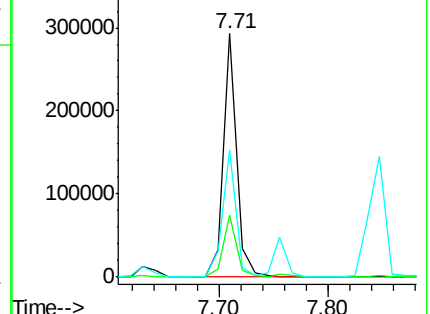
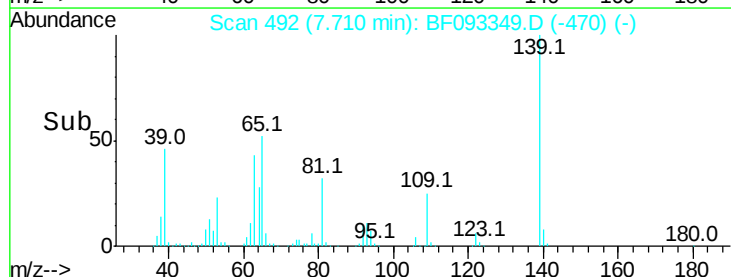
65 52.2 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.82 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

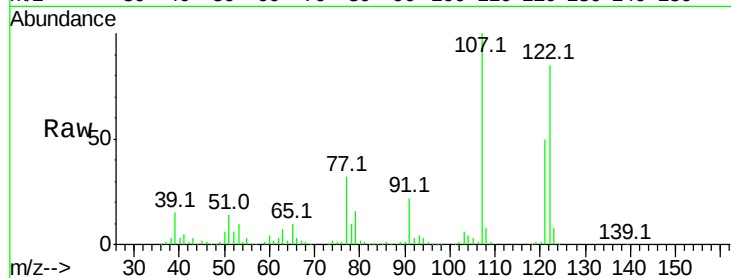
Tot Ion:122 Resp: 368797

Ion Ratio Lower Upper

122 100

107 117.1 94.1 141.1

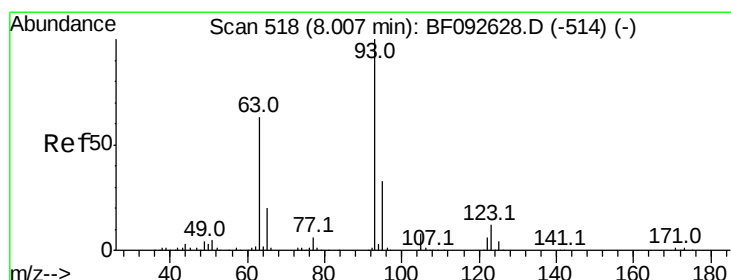
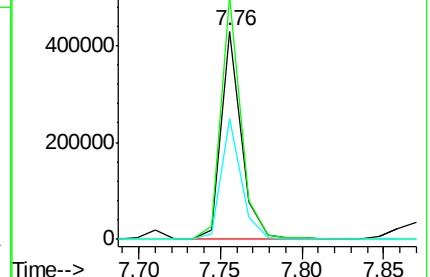
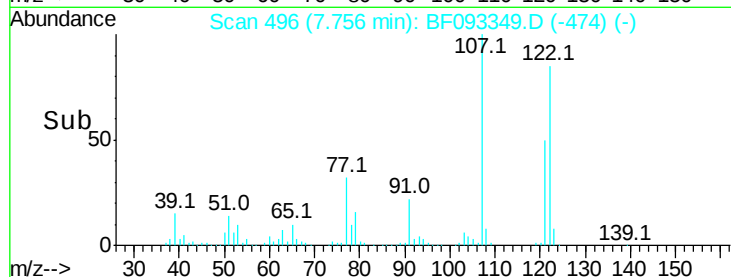
121 58.2 46.0 69.0



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: 43.38 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

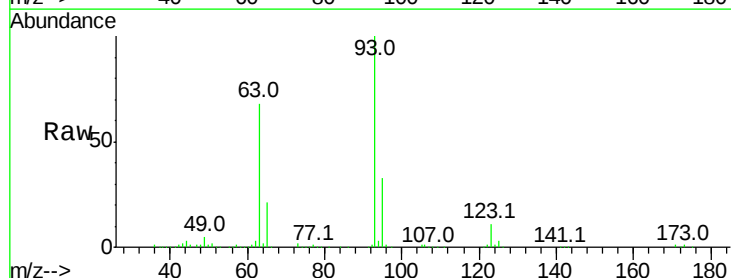
Tgt Ion: 93 Resp: 661438

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

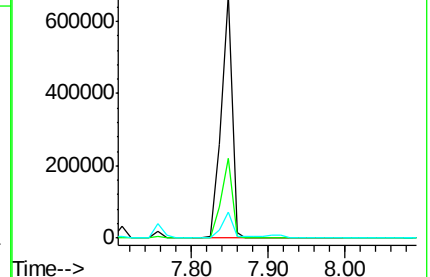
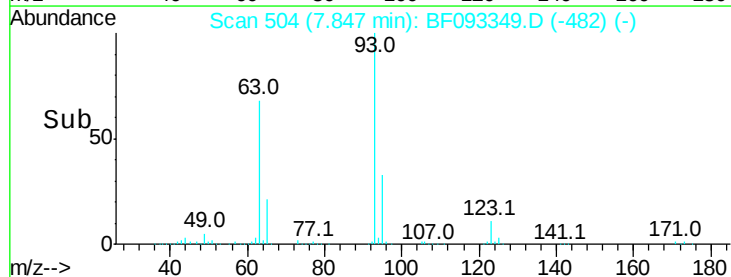
123 10.9 8.6 13.0

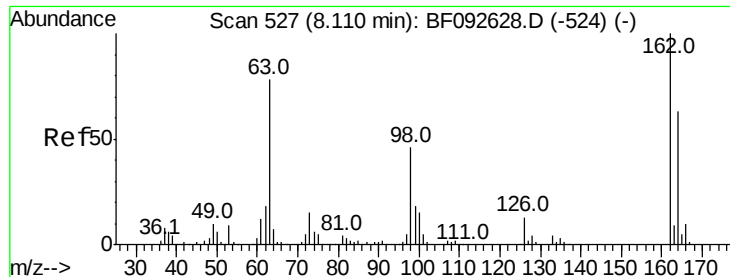


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

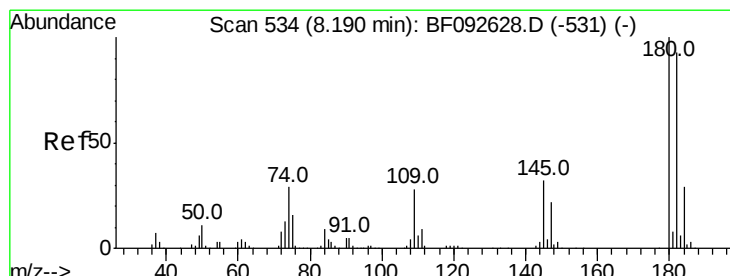
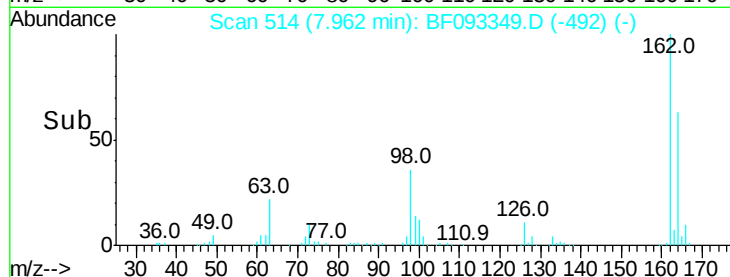
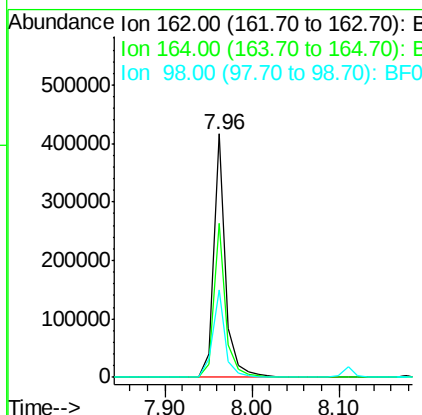
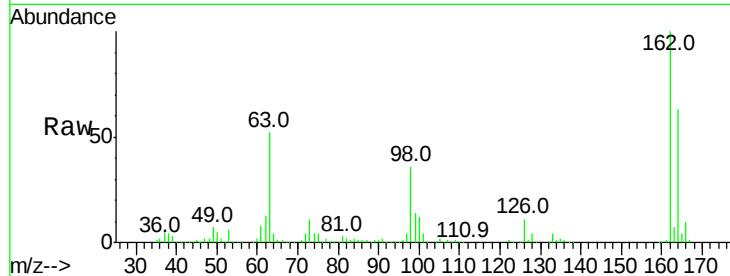




#29
 2,4-Dichlorophenol
 Concen: 40.20 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

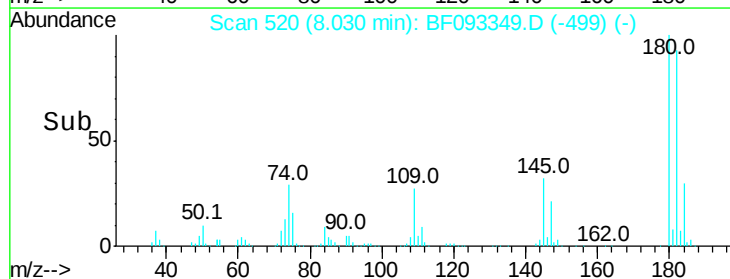
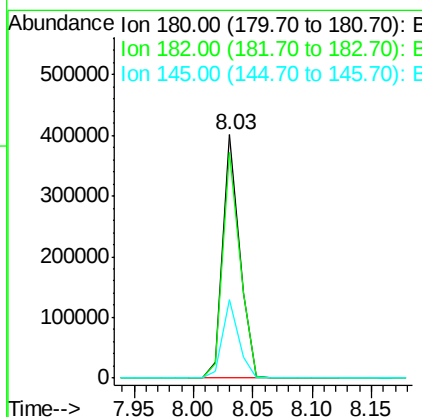
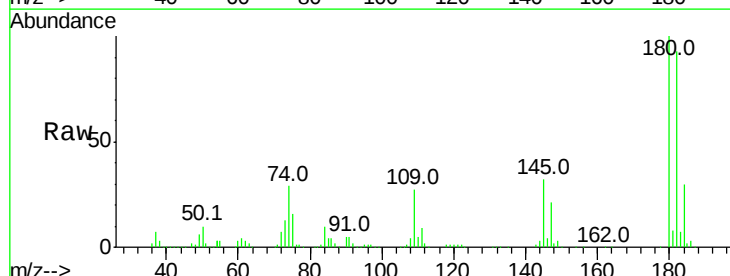
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

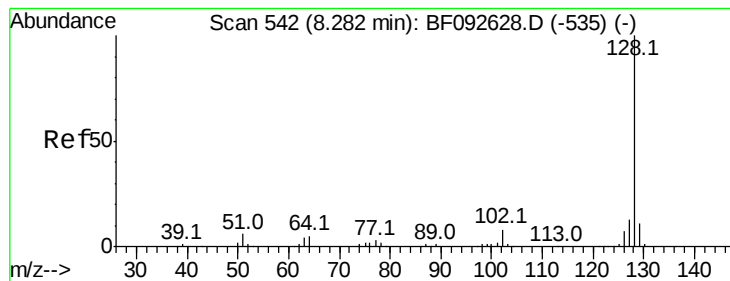
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.8	86.8
98	35.7	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.89 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	78.2	117.4
145	32.0	21.6	32.4





#31

Naphthalene

Concen: 35.51 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

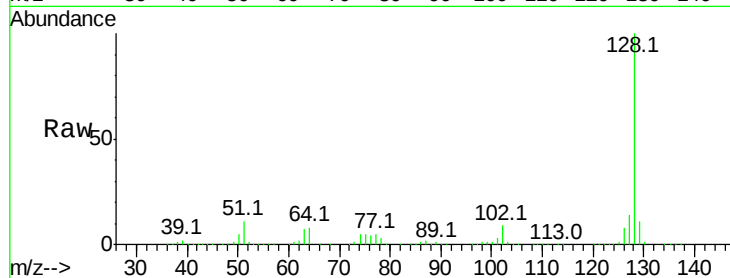
Tot Ion:128 Resp: 1238604

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

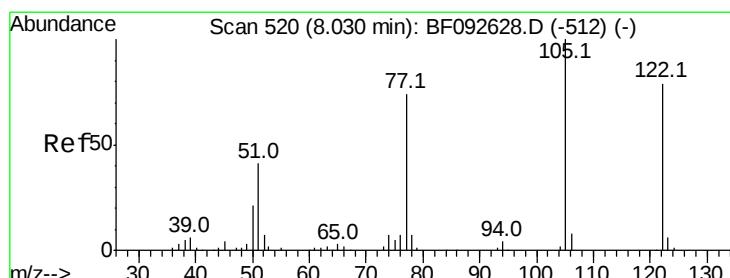
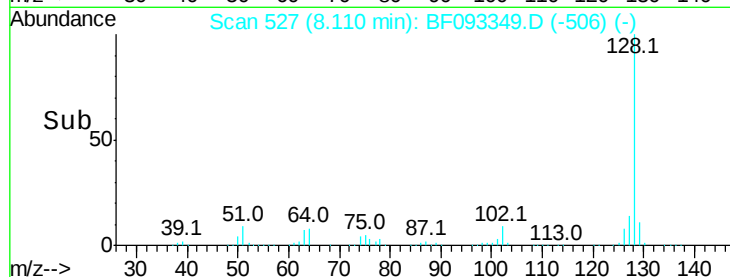
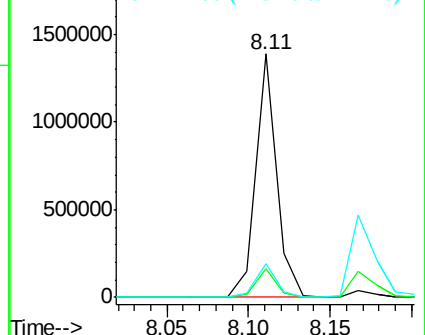
127 13.8 10.8 16.2



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: 46.54 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

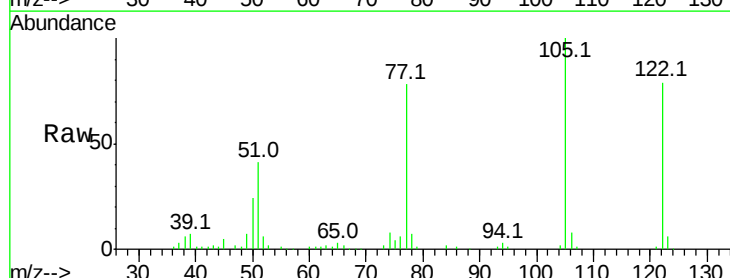
Tgt Ion:122 Resp: 277724

Ion Ratio Lower Upper

122 100

105 127.0 107.2 147.2

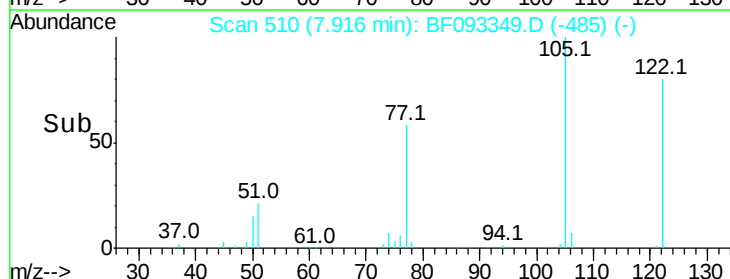
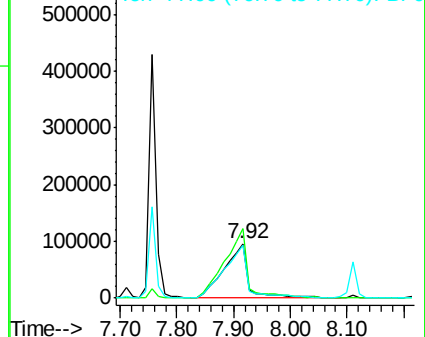
77 98.5 74.5 114.5

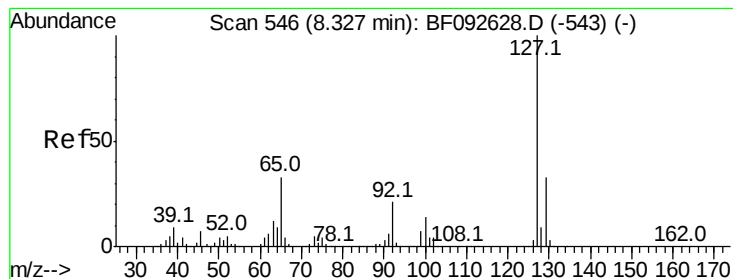


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.77 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 516579

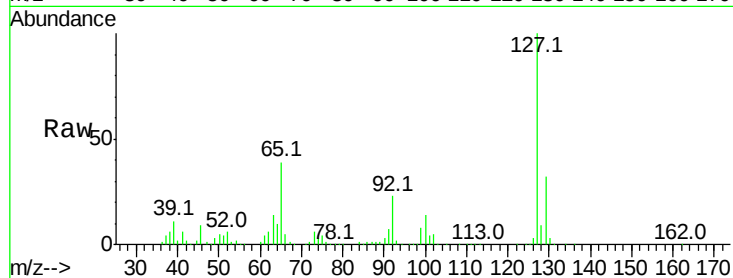
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 38.8 25.8 38.8#

92 22.6 16.1 24.1

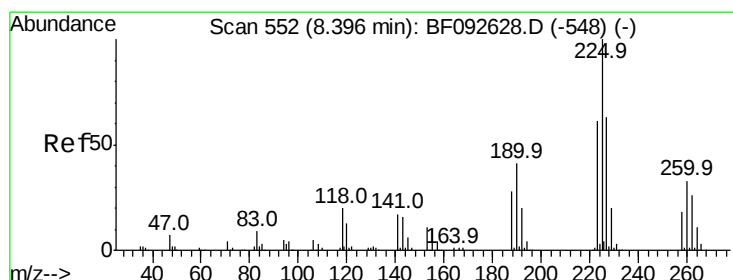
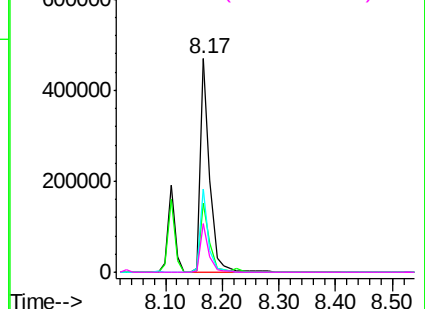
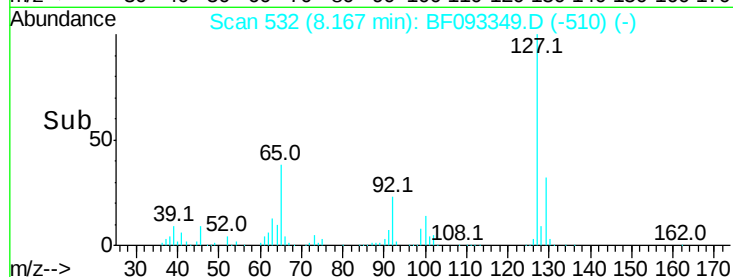


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.66 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

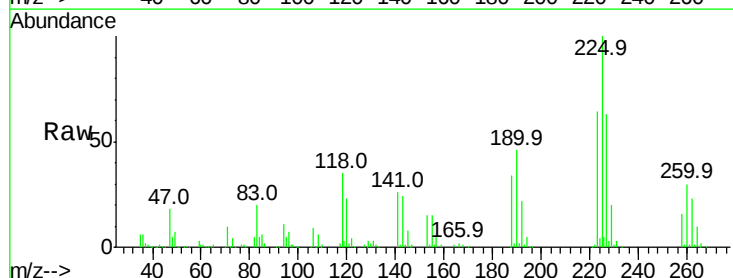
Tgt Ion:225 Resp: 208823

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

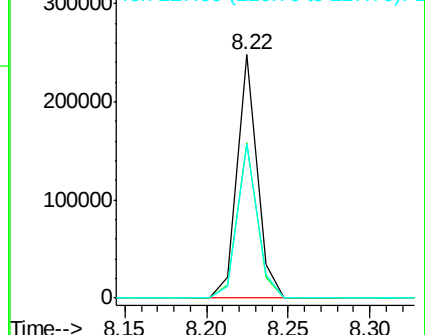
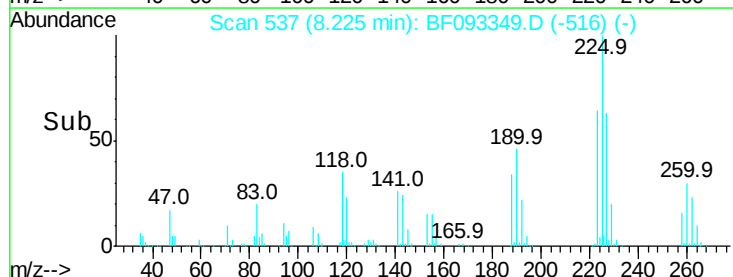
227 63.2 50.6 76.0

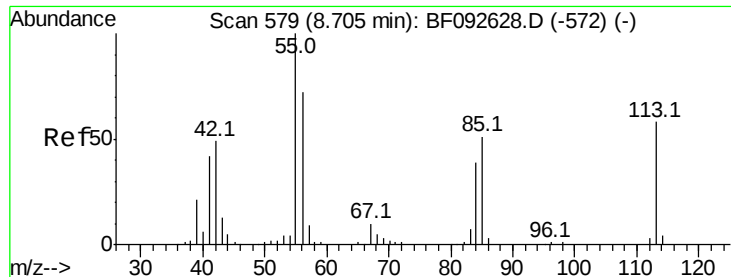


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.78 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

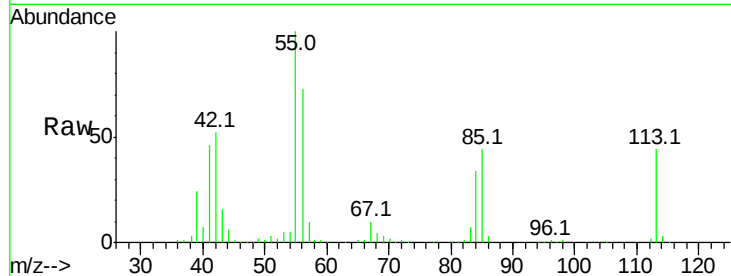
Tot Ion:113 Resp: 126703

Ion Ratio Lower Upper

113 100

55 227.3 119.2 159.2#

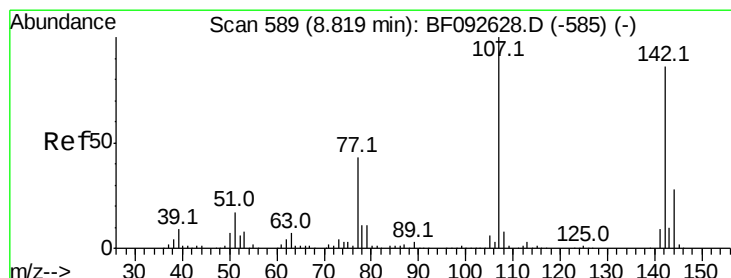
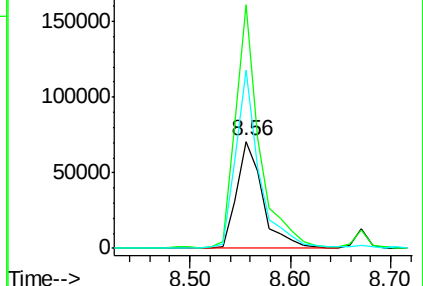
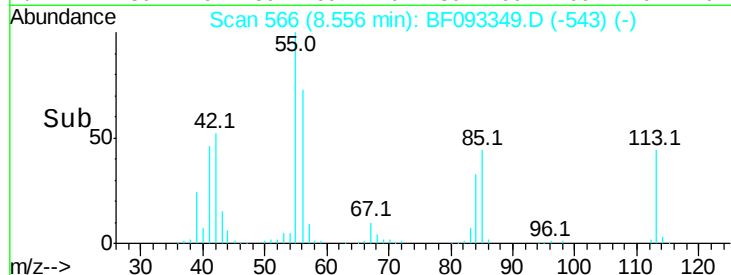
56 167.0 83.8 123.8#



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: 40.96 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

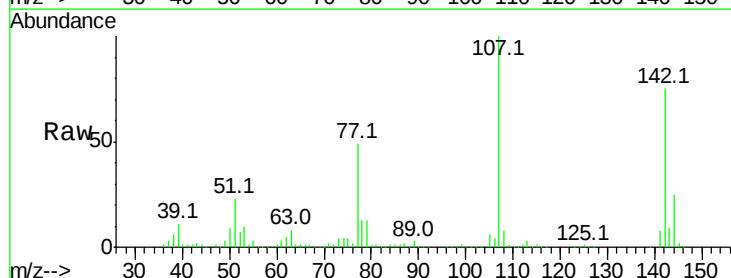
Tgt Ion:107 Resp: 421867

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

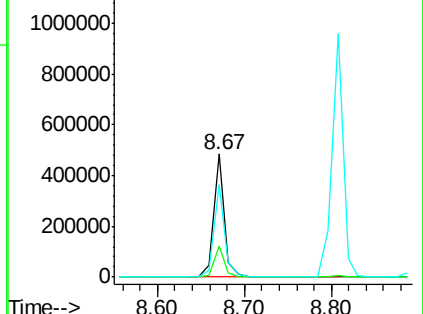
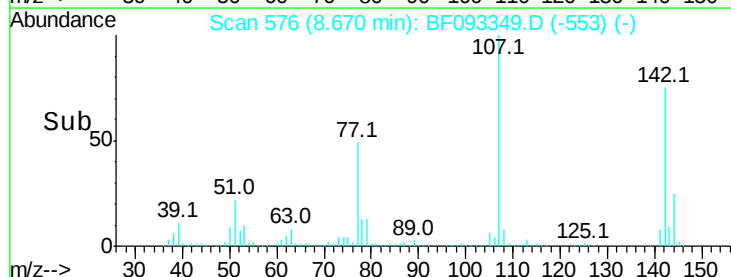
142 75.1 59.0 88.6

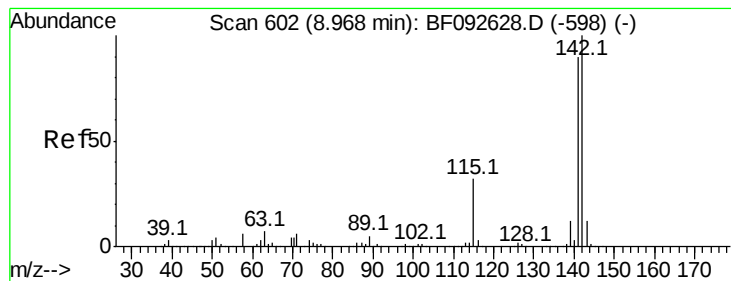


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.59 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

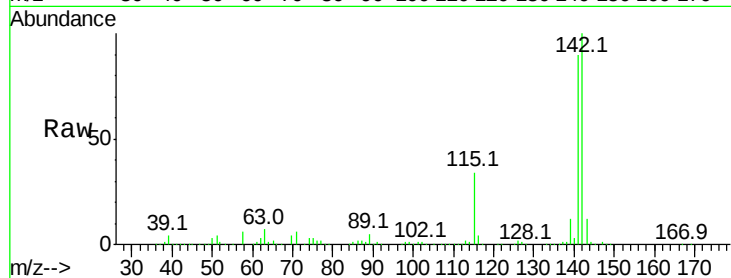
Tot Ion:142 Resp: 841772

Ion Ratio Lower Upper

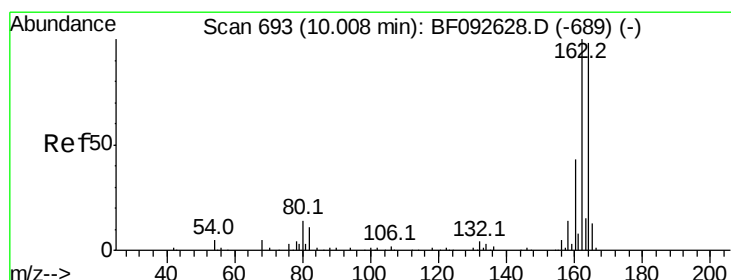
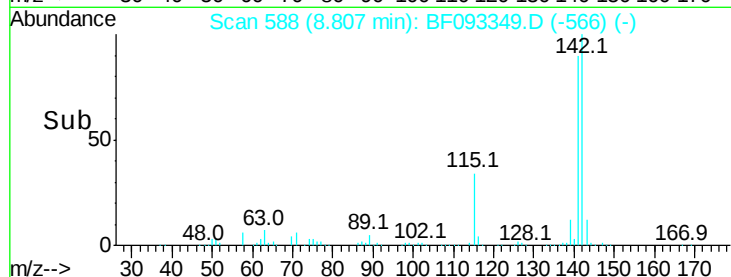
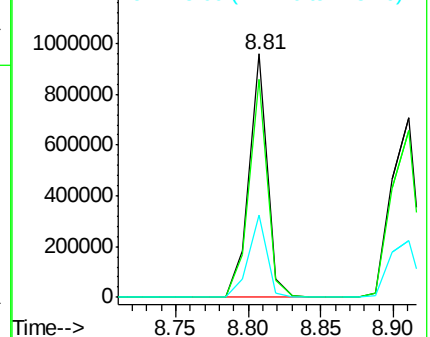
142 100

141 89.6 71.0 106.6

115 33.9 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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

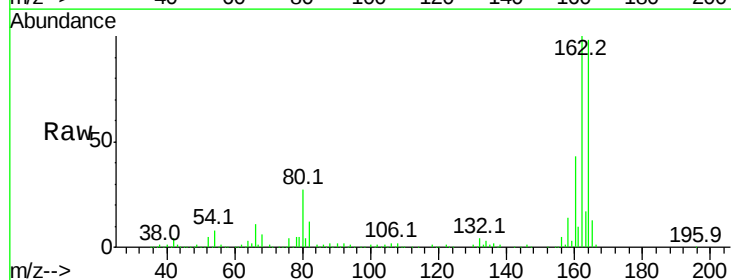
Tgt Ion:164 Resp: 354238

Ion Ratio Lower Upper

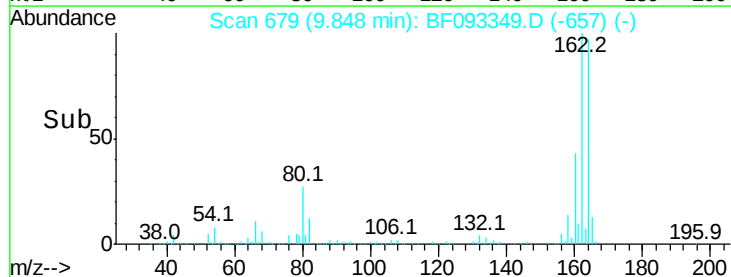
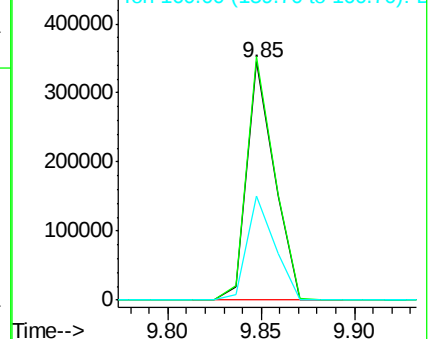
164 100

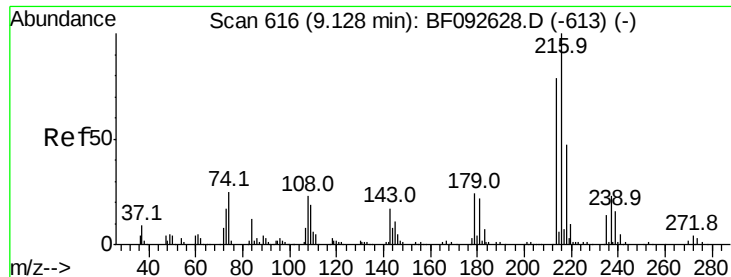
162 102.2 80.2 120.2

160 43.7 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: 41.01 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 407833

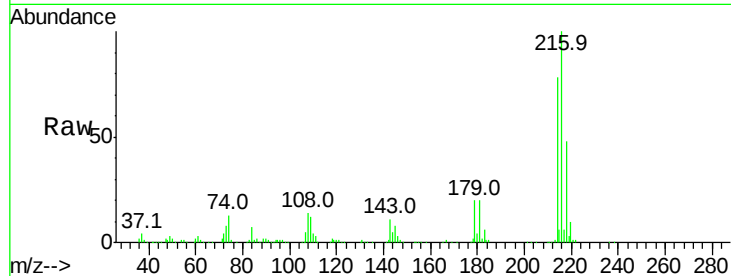
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 21.5 17.4 26.2

108 20.0 15.6 23.4

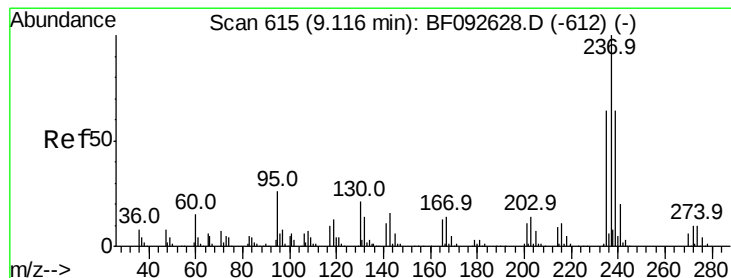
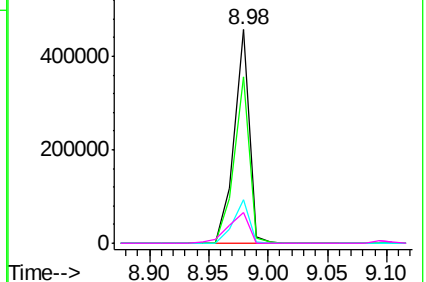
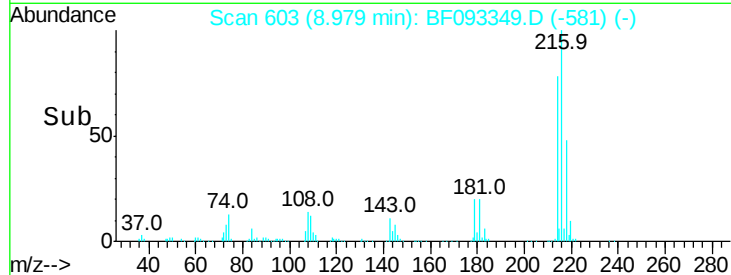


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.07 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

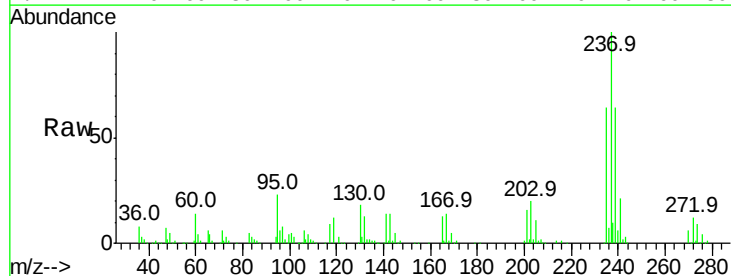
Tgt Ion:237 Resp: 148351

Ion Ratio Lower Upper

237 100

235 64.4 41.2 81.2

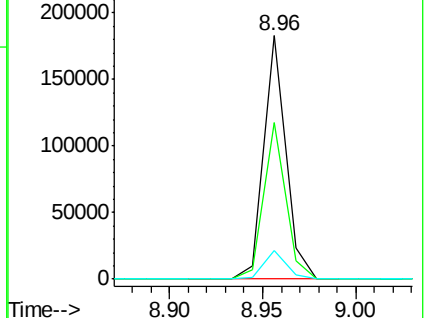
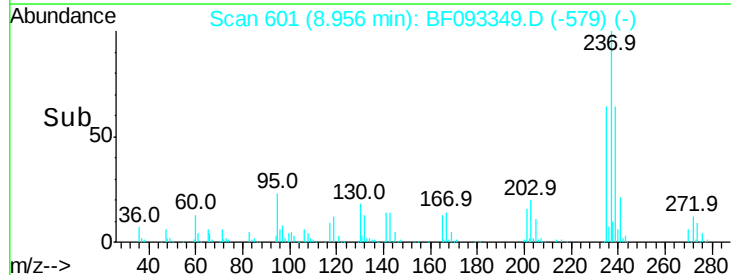
272 11.6 0.0 35.4

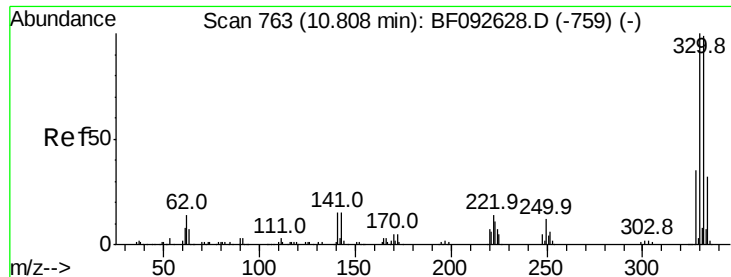


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

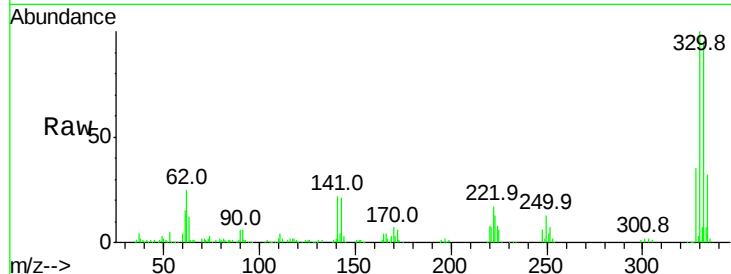




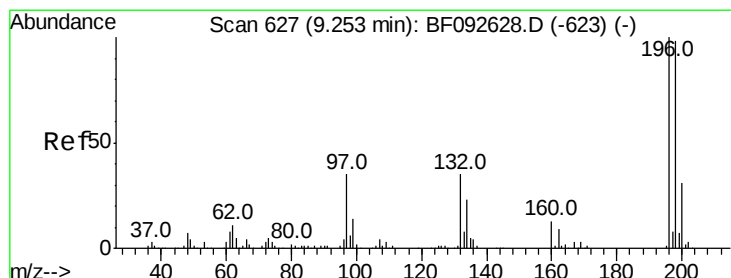
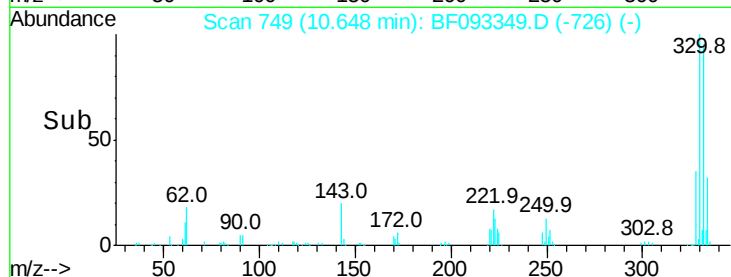
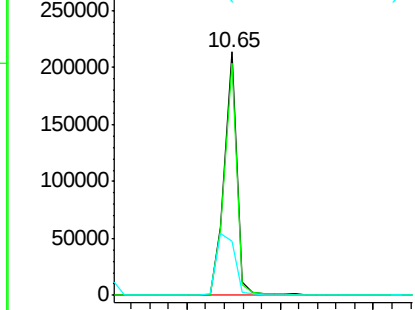
#41
 2,4,6-Tribromophenol
 Concen: 79.15 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	36.5	34.1	51.1

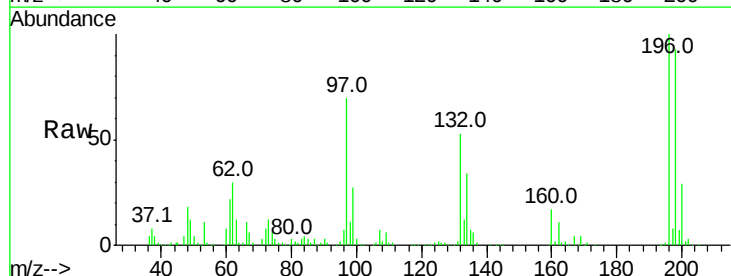


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

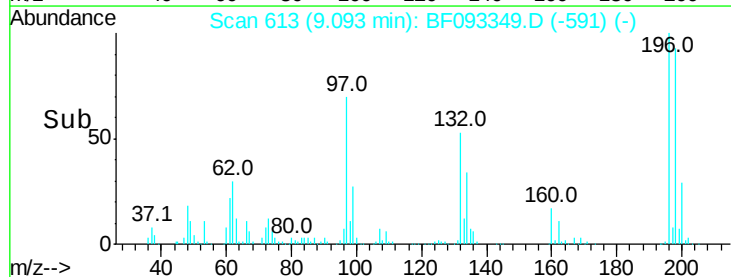
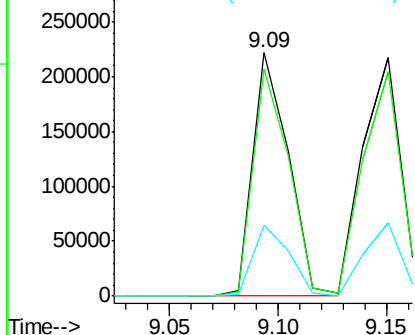


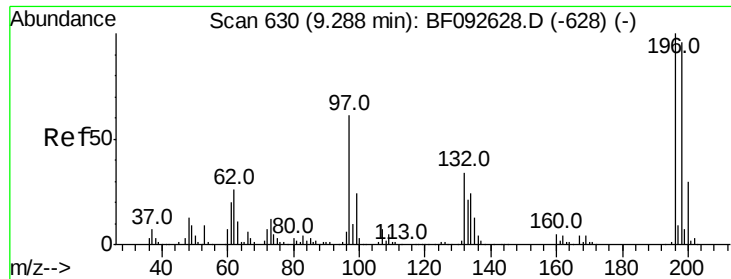
#42
 2,4,6-Trichlorophenol
 Concen: 38.66 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	82.1	123.1
200	28.9	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

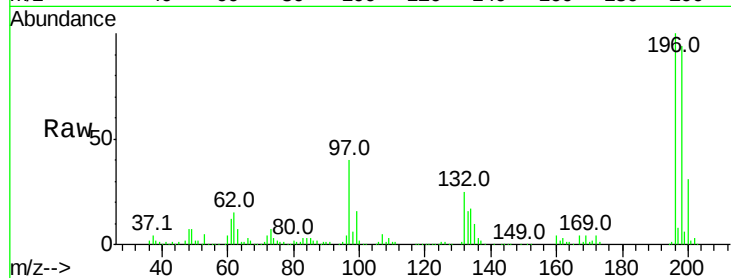




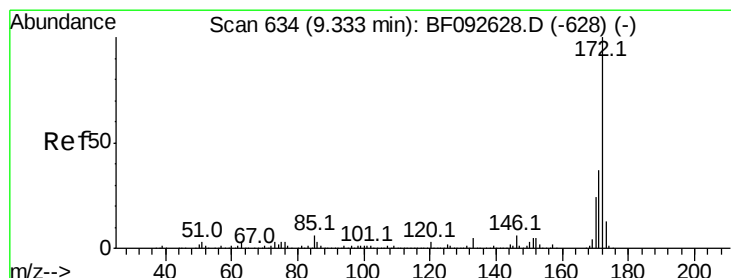
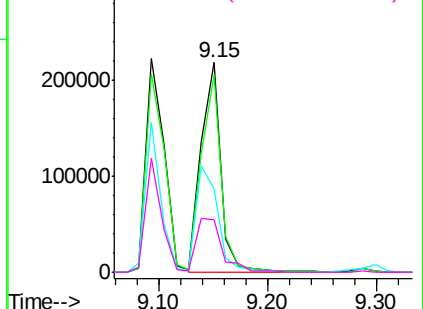
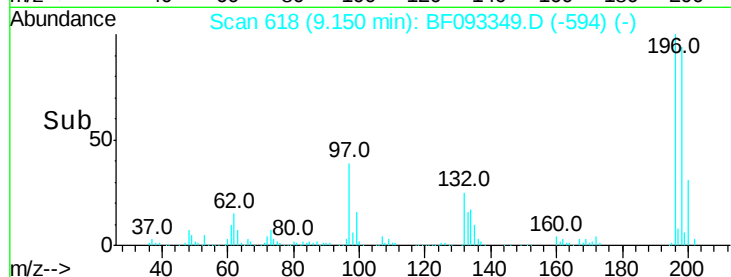
#43
 2,4,5-Trichlorophenol
 Concen: 38.64 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 276649
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.4 119.2
 97 39.9 51.5 77.3#
 132 24.9 27.4 41.2#

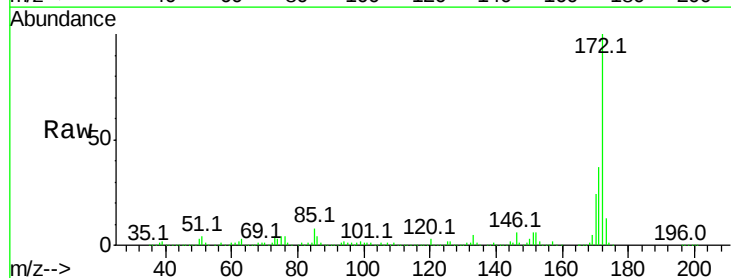


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

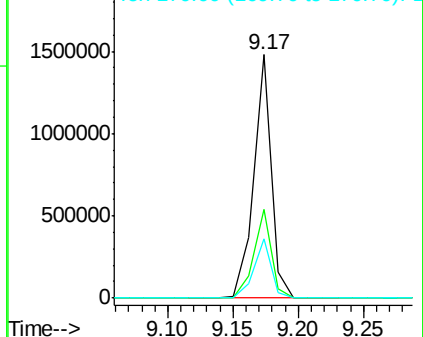
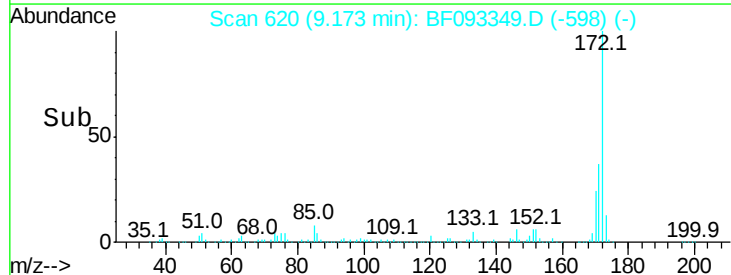


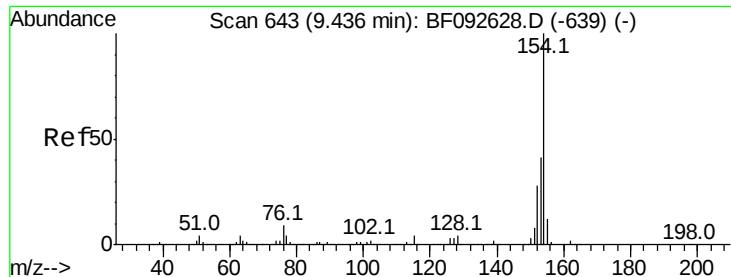
#44
 2-Fluorobiphenyl
 Concen: 70.99 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:172 Resp: 1388032
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 41.27 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

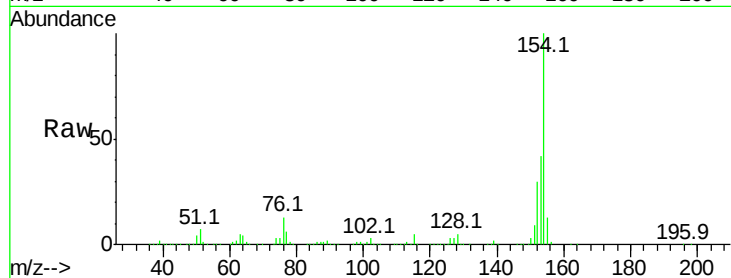
Tot Ion:154 Resp: 1058484

Ion Ratio Lower Upper

154 100

153 41.7 20.9 60.9

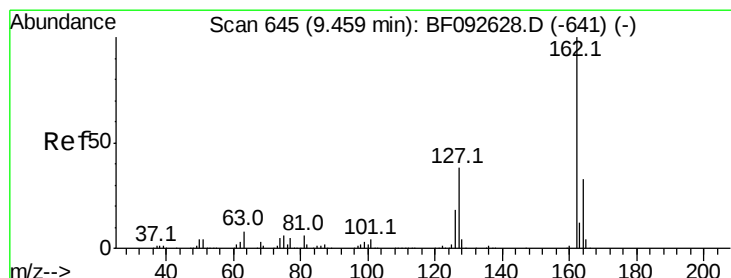
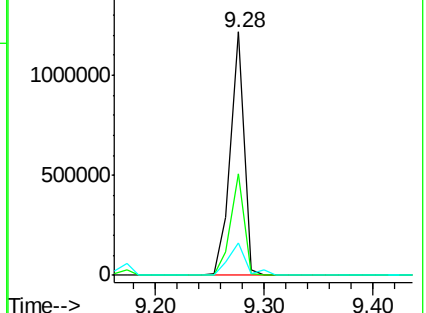
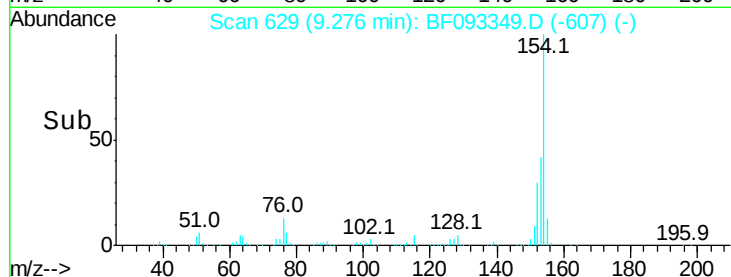
76 13.3 0.0 30.5



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: 38.44 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

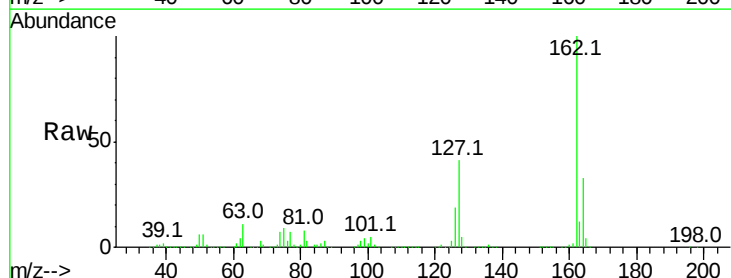
Tgt Ion:162 Resp: 771321

Ion Ratio Lower Upper

162 100

127 41.3 30.7 46.1

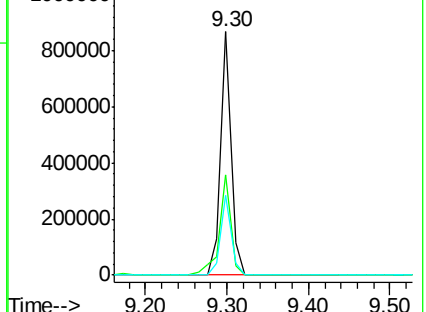
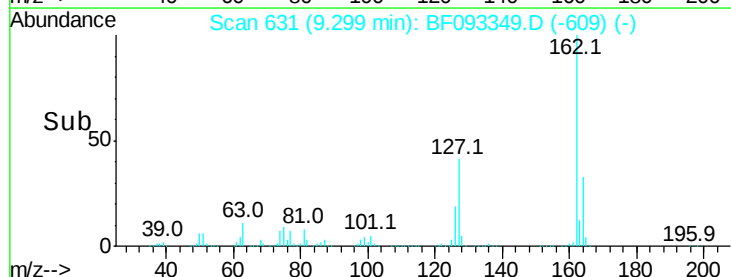
164 33.0 27.6 41.4

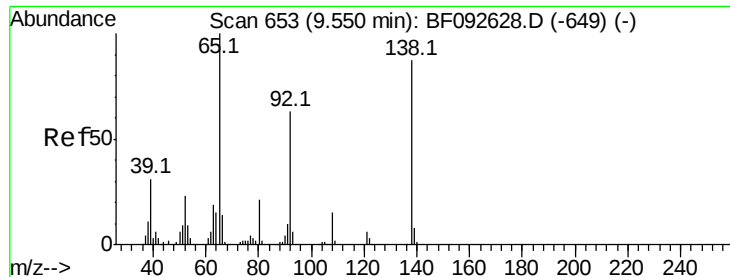


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

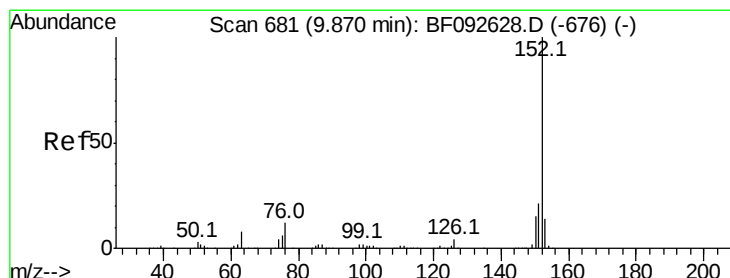
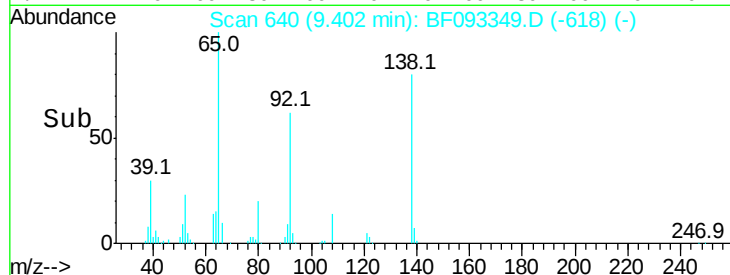
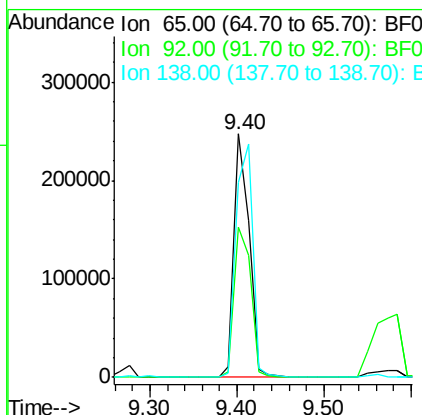
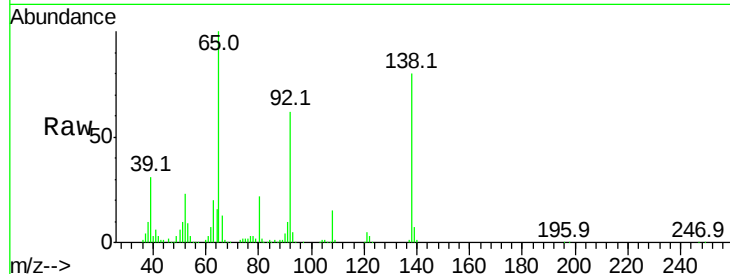




#47
2-Nitroaniline
Concen: 43.91 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

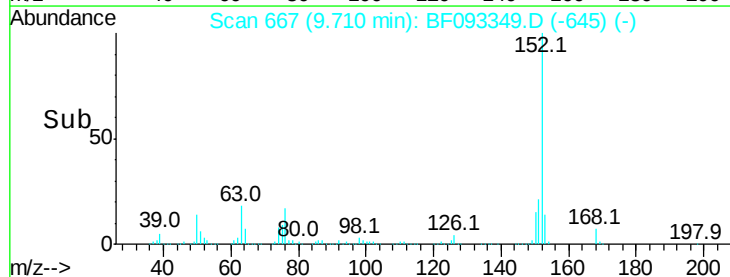
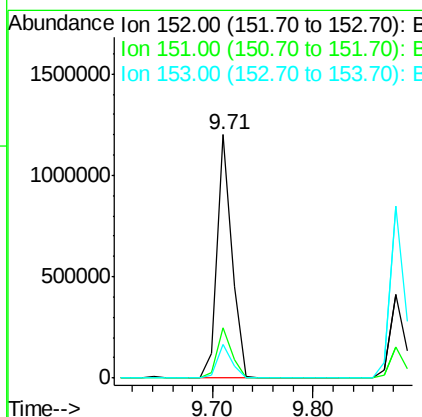
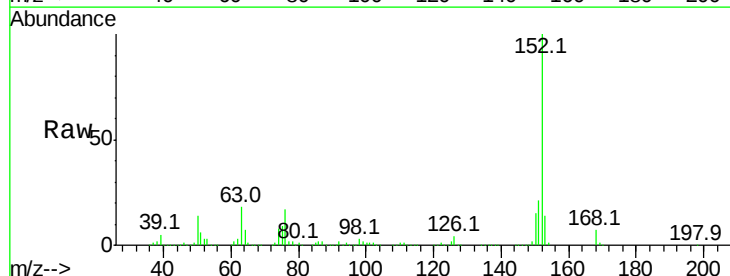
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

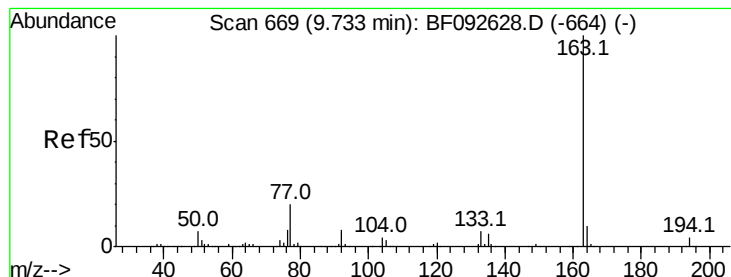
Tot Ion: 65 Resp: 296220
Ion Ratio Lower Upper
65 100
92 61.9 53.9 80.9
138 80.1 76.8 115.2



#48
Acenaphthylene
Concen: 35.29 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:152 Resp: 1223307
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 41.78 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

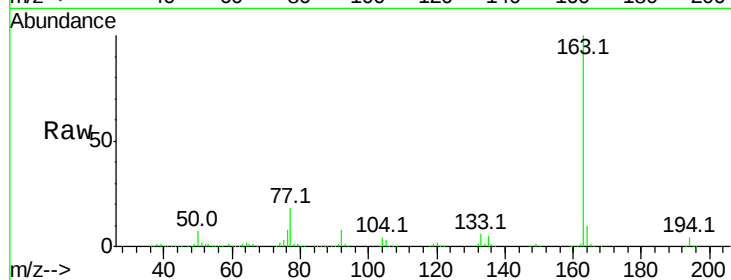
Tot Ion:163 Resp: 996870

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

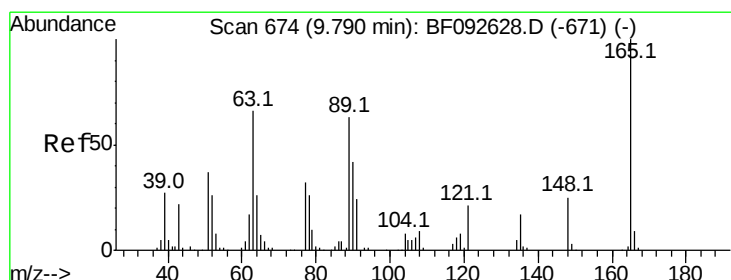
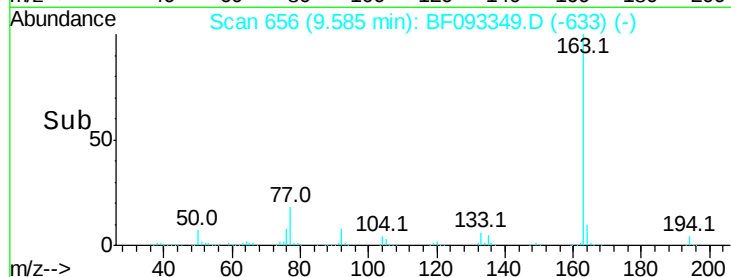
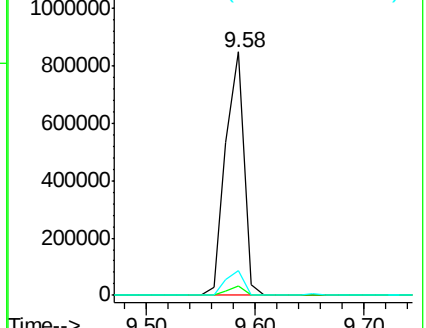
164 9.9 8.0 12.0



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: 47.26 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

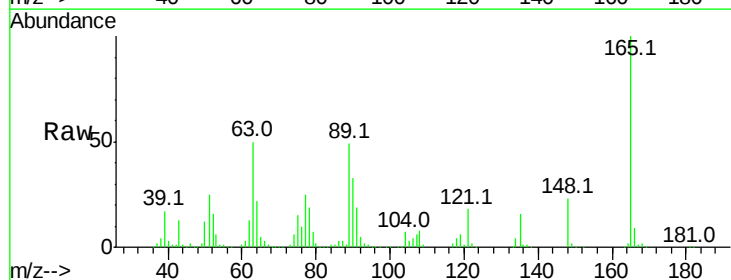
Tgt Ion:165 Resp: 243500

Ion Ratio Lower Upper

165 100

63 49.6 36.2 54.4

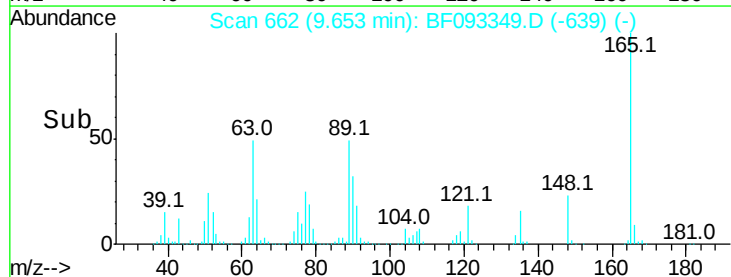
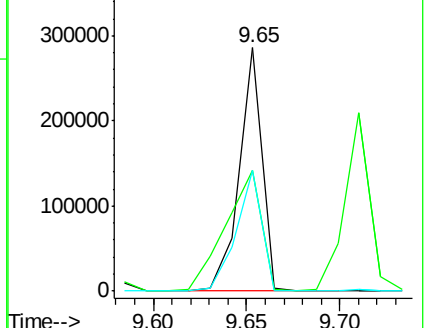
89 49.4 40.2 60.4

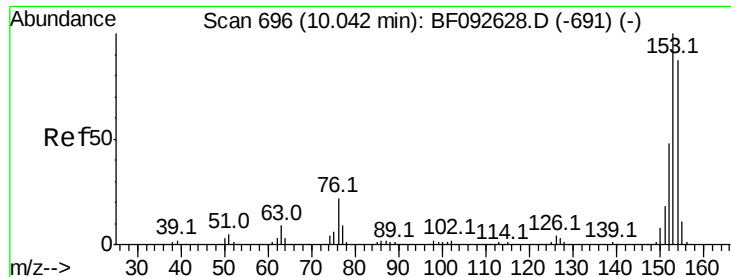


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.84 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

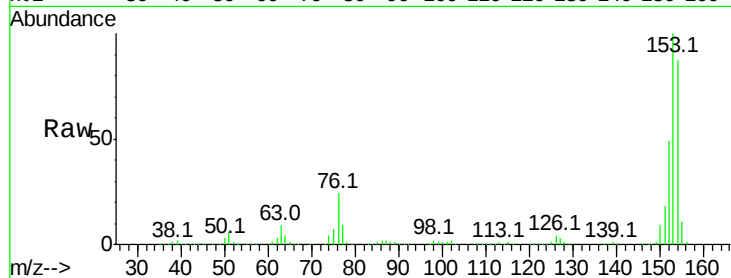
Tot Ion:154 Resp: 722119

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

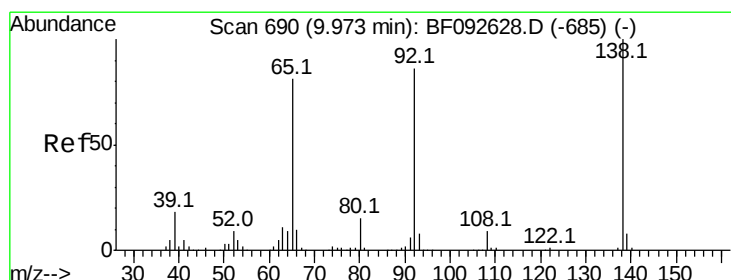
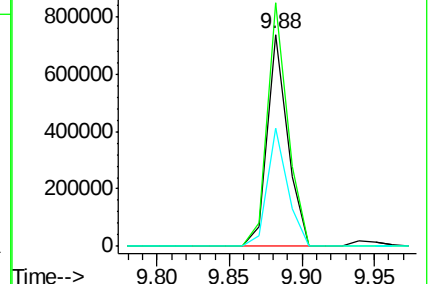
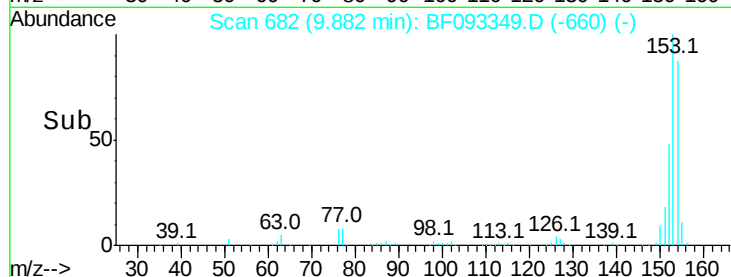
152 55.7 41.6 62.4



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: 48.20 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

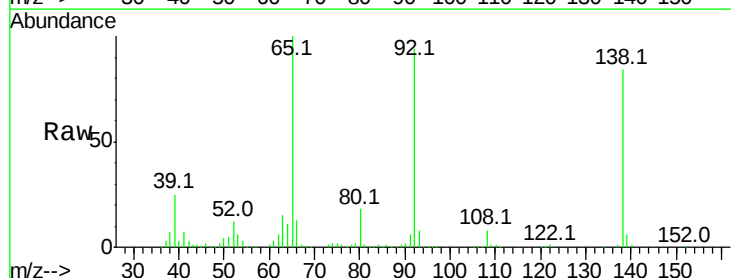
Tgt Ion:138 Resp: 284210

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

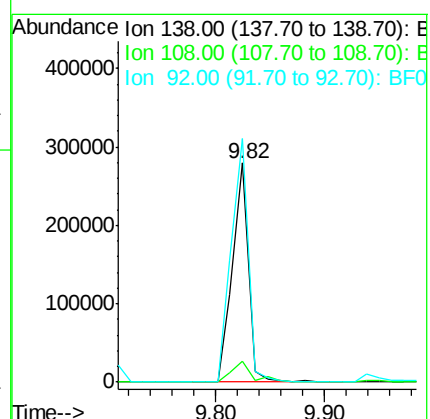
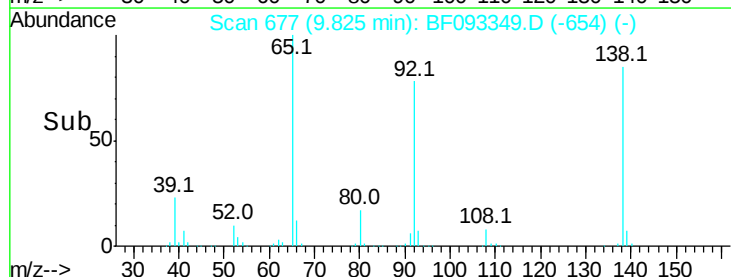
92 111.3 97.8 146.8

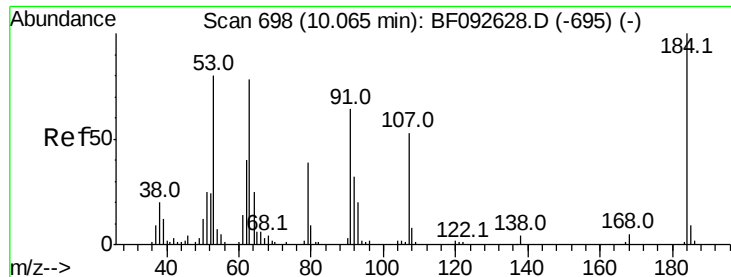


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

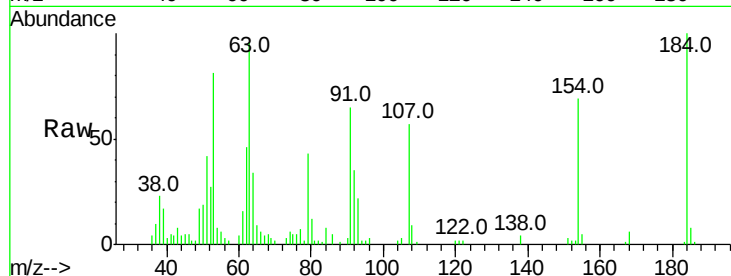




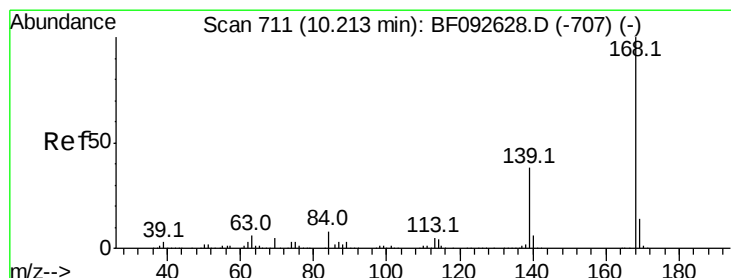
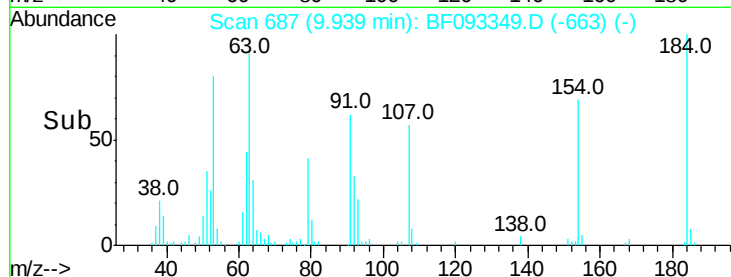
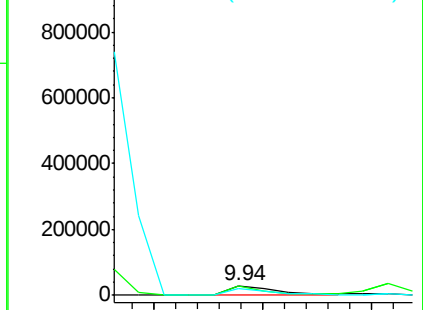
#53
 2,4-Dinitrophenol
 Concen: 22.02 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 48154
 Ion Ratio Lower Upper
 184 100
 63 95.9 28.4 42.6#
 154 68.5 44.3 66.5#

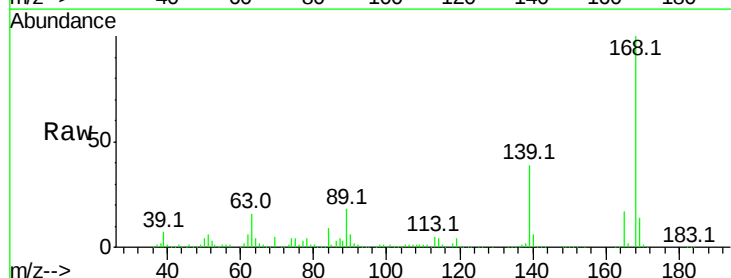


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

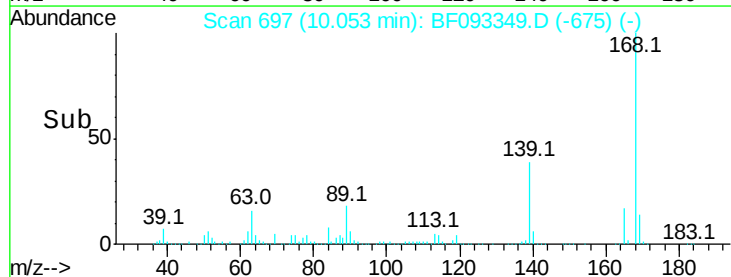
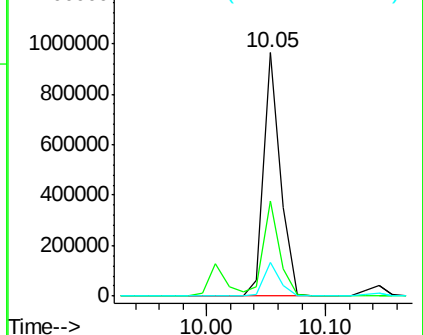


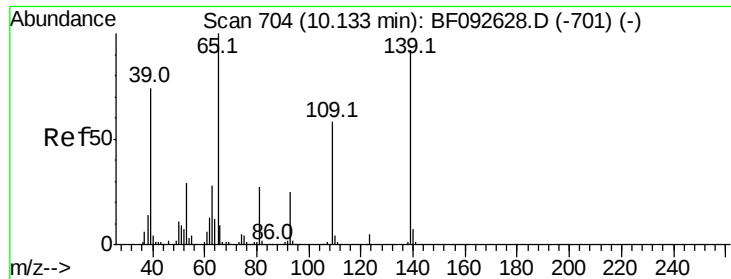
#54
 Dibenzofuran
 Concen: 34.40 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:168 Resp: 953470
 Ion Ratio Lower Upper
 168 100
 139 38.9 32.6 49.0
 169 13.8 11.3 16.9



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

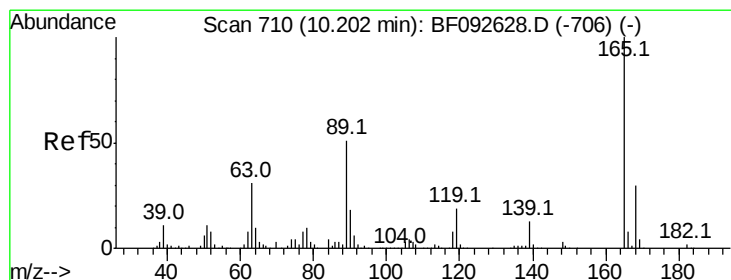
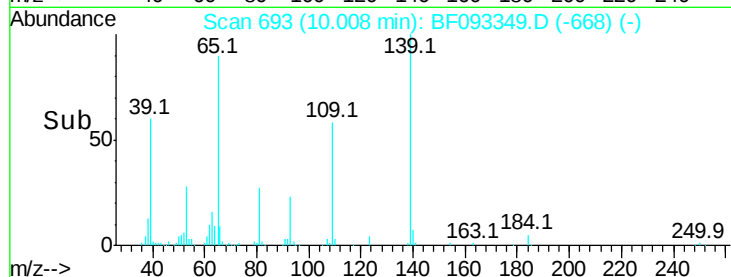
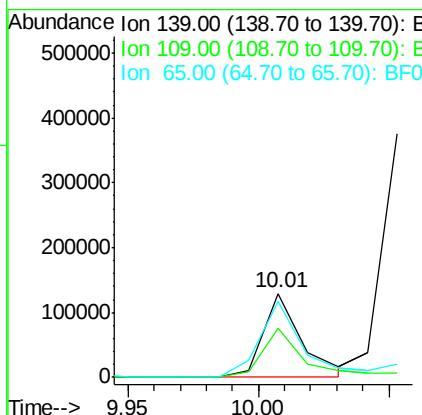
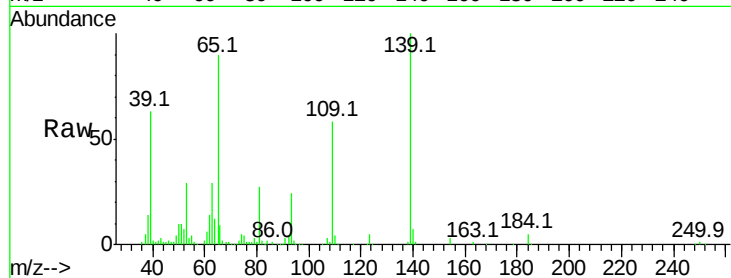




#55
4-Nitrophenol
Concen: 31.22 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

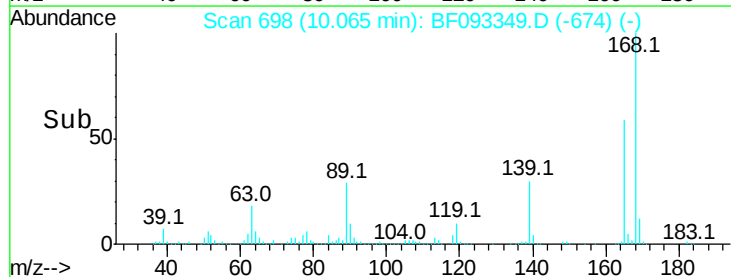
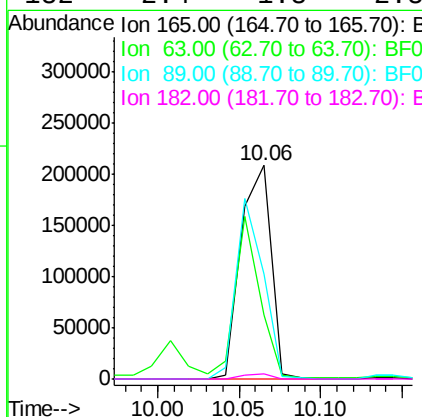
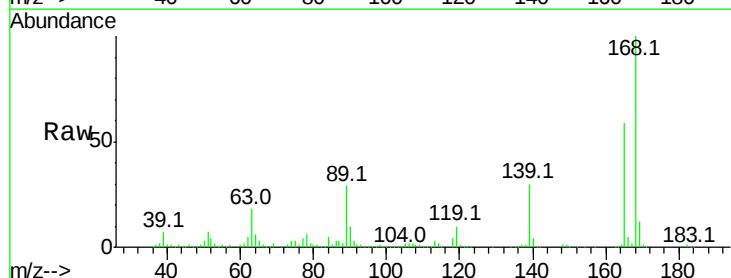
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

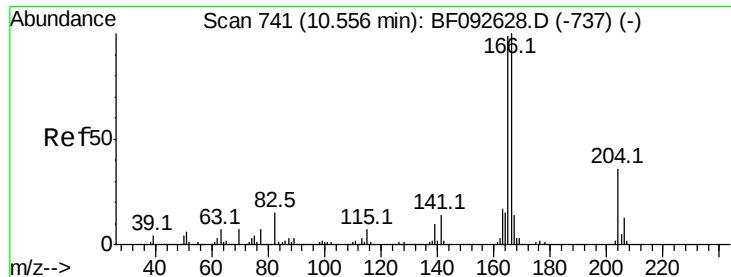
Tot Ion:139 Resp: 132601
Ion Ratio Lower Upper
139 100
109 58.1 52.2 92.2
65 90.4 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 38.74 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:165 Resp: 265773
Ion Ratio Lower Upper
165 100
63 29.9 40.2 60.4#
89 48.9 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 37.67 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

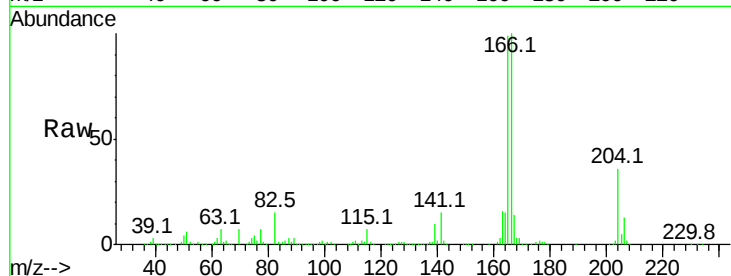
Tot Ion:166 Resp: 803289

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

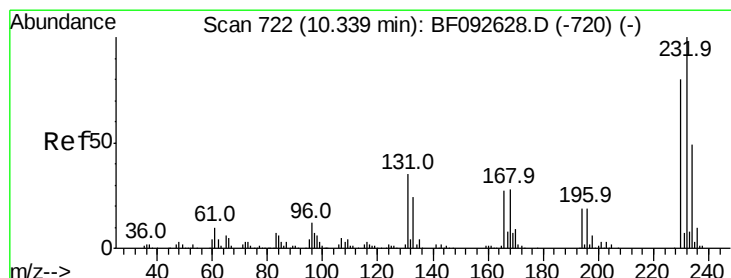
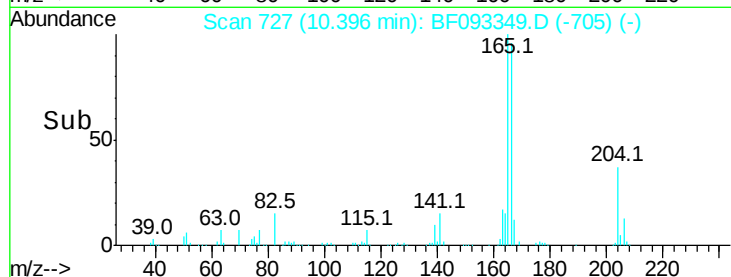
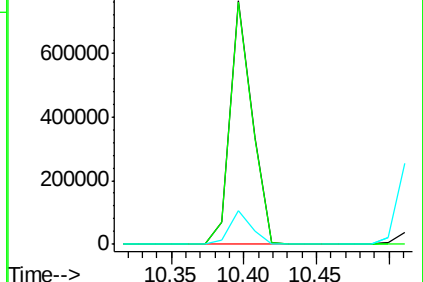
167 13.8 10.8 16.2



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: 40.69 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:232 Resp: 194318

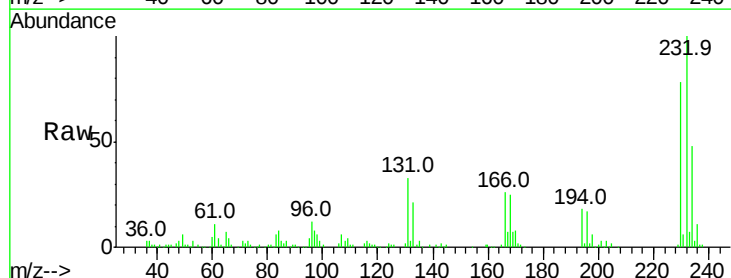
Ion Ratio Lower Upper

232 100

131 48.0 40.1 60.1

130 2.1 1.8 2.8

166 30.7 26.6 39.8

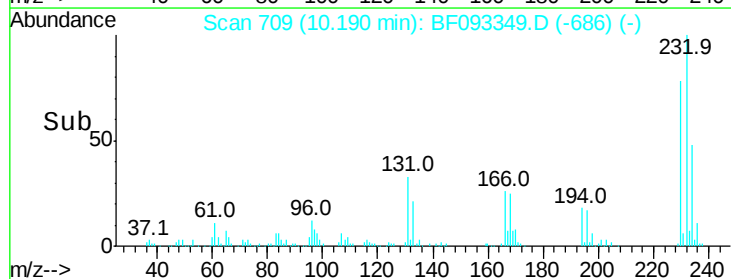
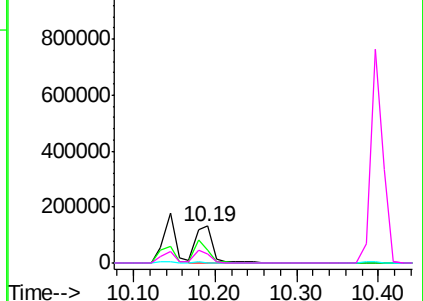


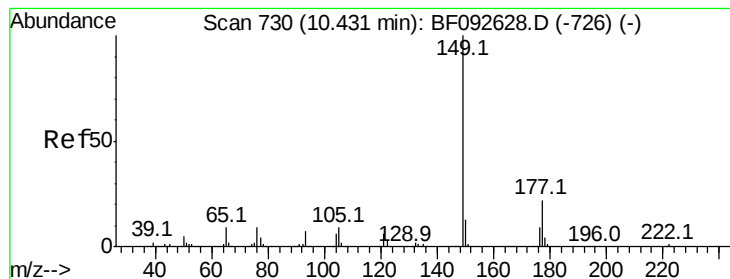
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.34 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

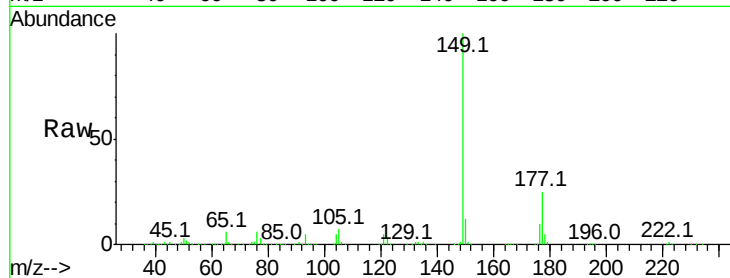
Tot Ion:149 Resp: 929613

Ion Ratio Lower Upper

149 100

177 24.9 16.6 25.0

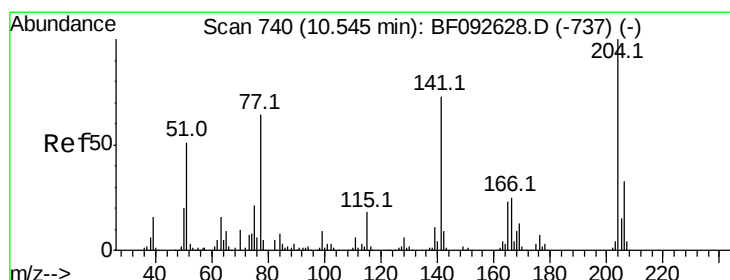
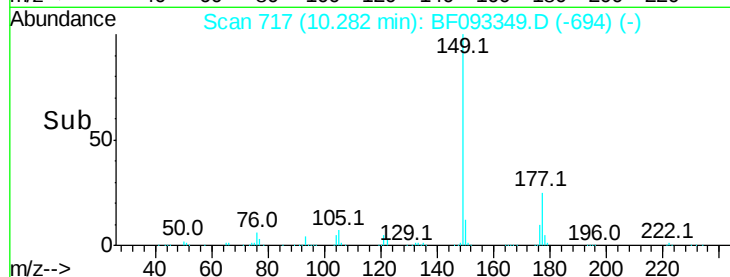
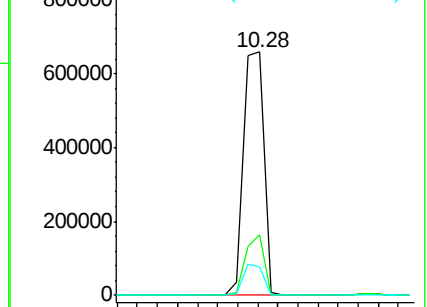
150 11.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.57 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

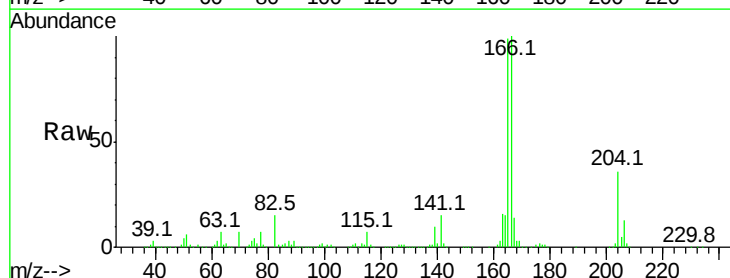
Tgt Ion:204 Resp: 384885

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

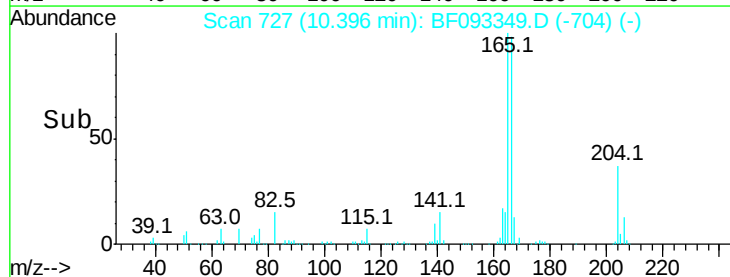
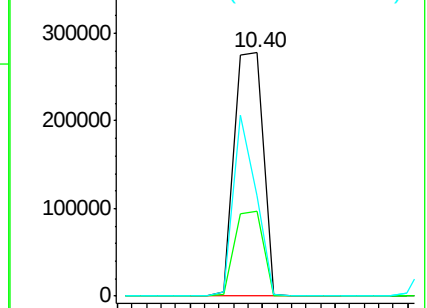
141 41.1 59.4 89.0#

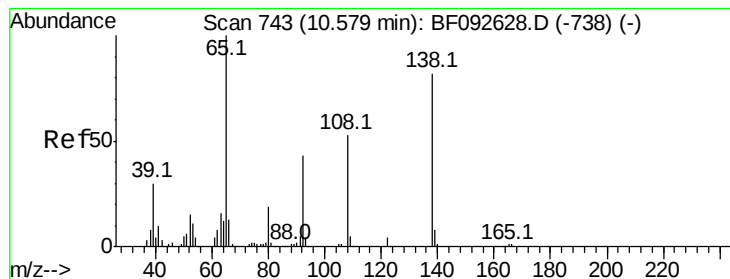


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.09 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

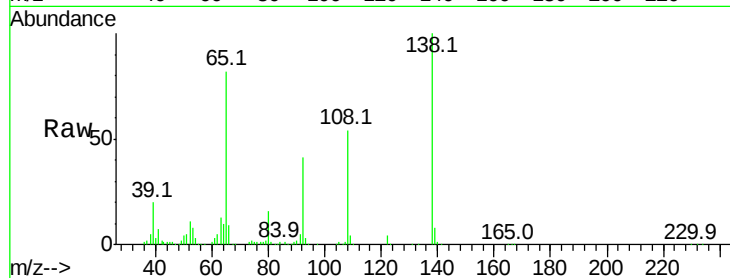
Tot Ion:138 Resp: 266316

Ion Ratio Lower Upper

138 100

92 40.9 31.7 71.7

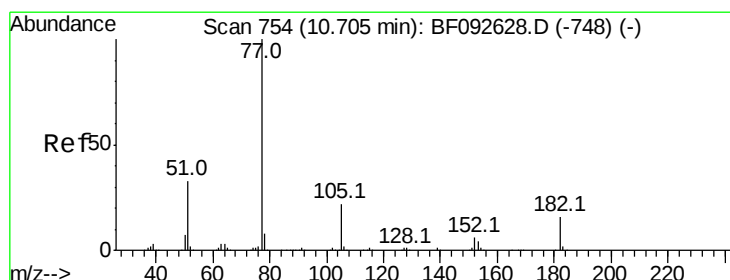
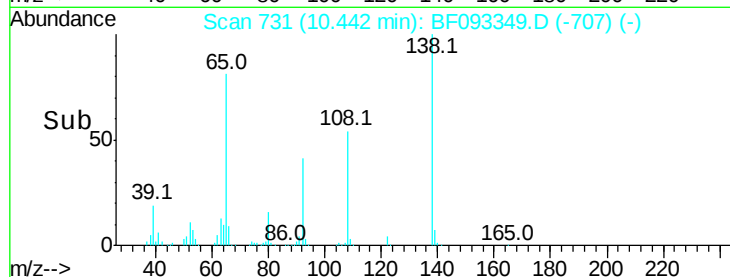
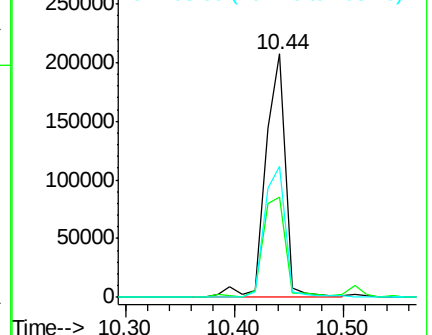
108 54.0 52.6 92.6



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: 42.67 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion: 77 Resp: 991210

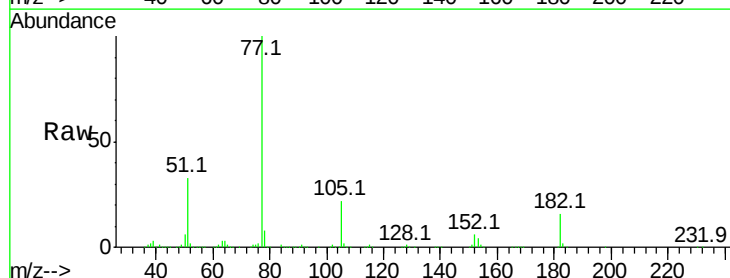
Ion Ratio Lower Upper

77 100

182 15.8 0.0 39.3

105 22.0 2.3 42.3

51 33.0 8.9 48.9

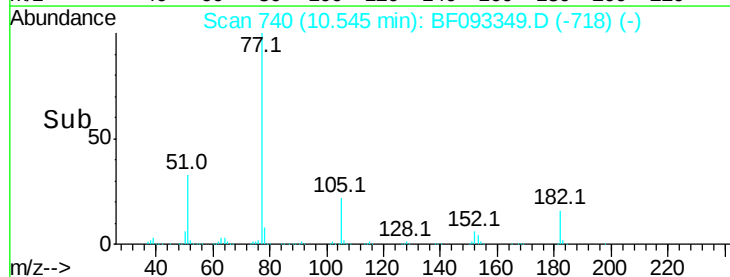
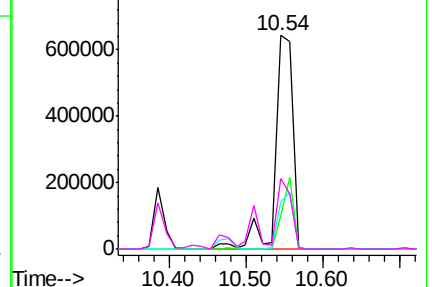


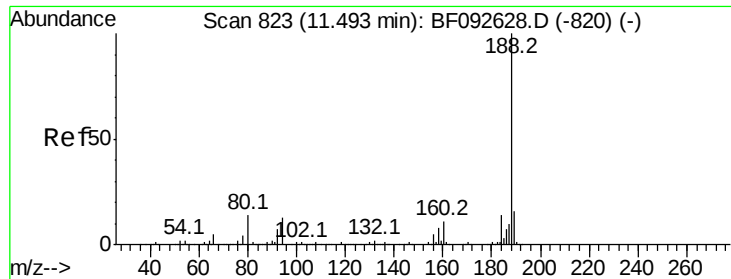
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 809

Delta R.T. -0.05 min

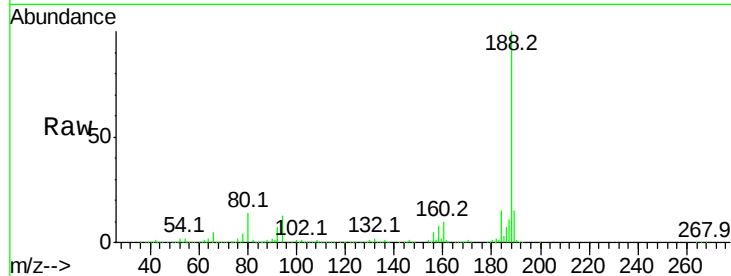
Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 576144

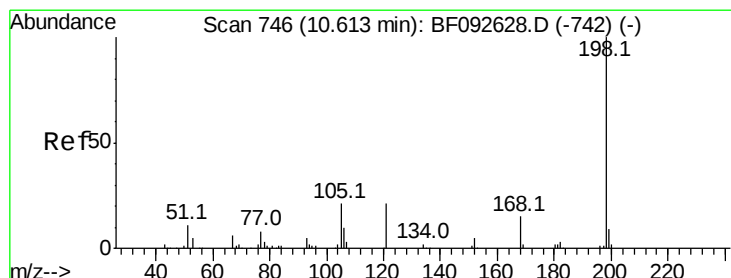
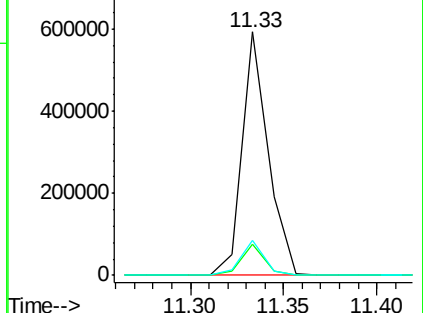
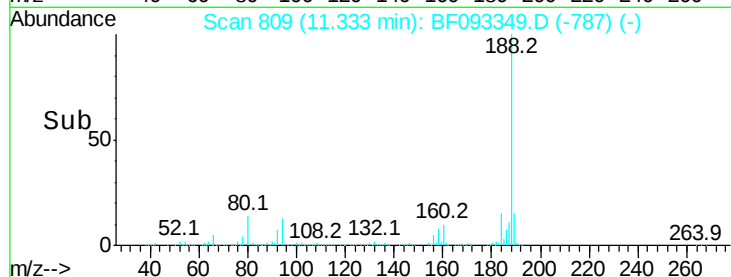
Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.1	11.2	16.8



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: 29.88 ng

RT: 10.48 min Scan# 734

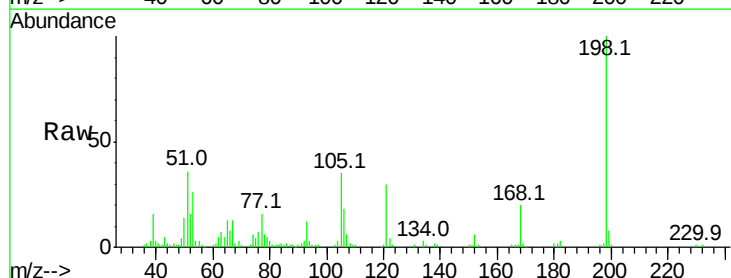
Delta R.T. -0.02 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:198 Resp: 101030

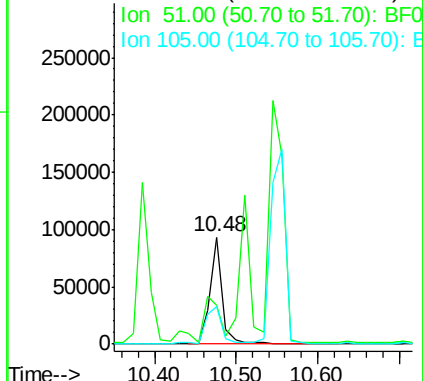
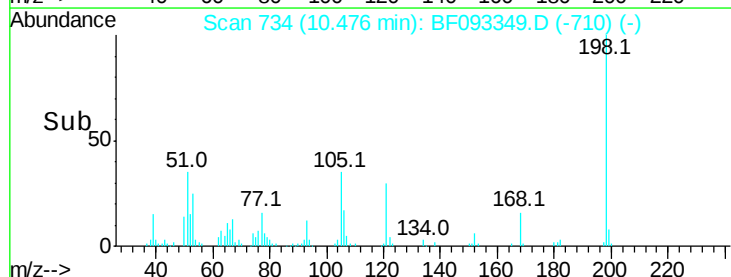
Ion	Ratio	Lower	Upper
198	100		
51	36.3	6.7	46.7
105	34.5	16.6	56.6

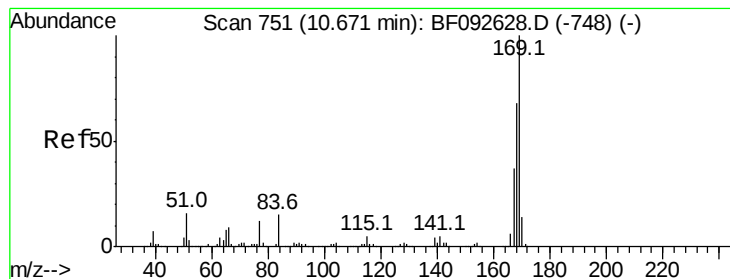


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.14 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

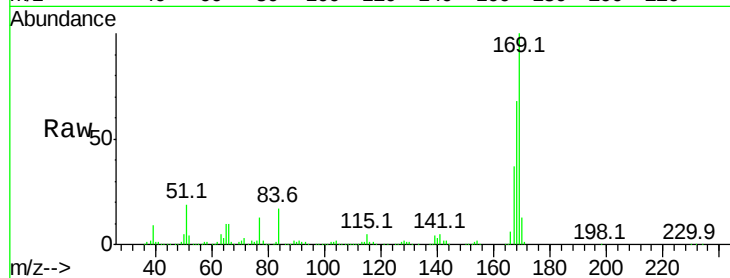
Tot Ion:169 Resp: 701920

Ion Ratio Lower Upper

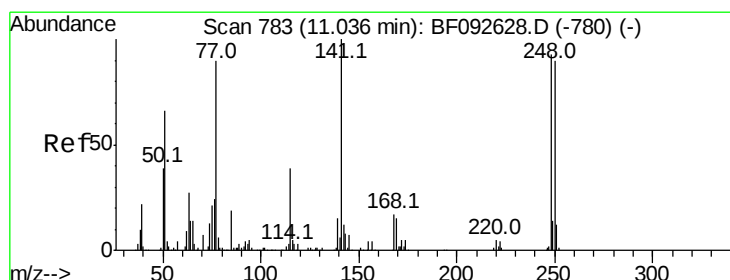
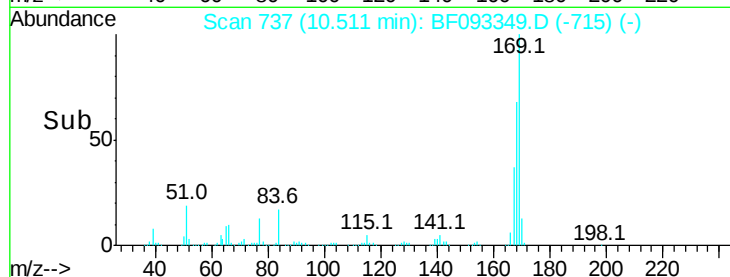
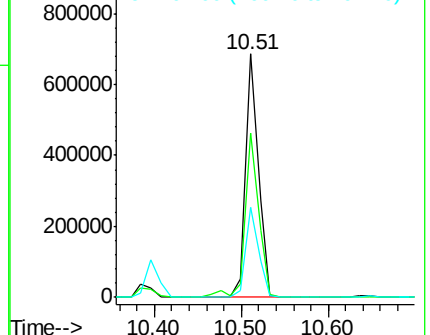
169 100

168 67.6 54.2 81.2

167 37.0 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: 37.42 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

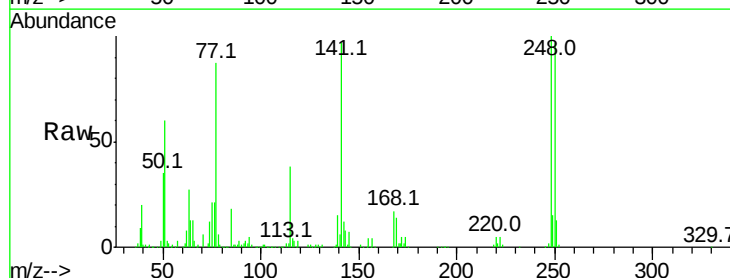
Tgt Ion:248 Resp: 225238

Ion Ratio Lower Upper

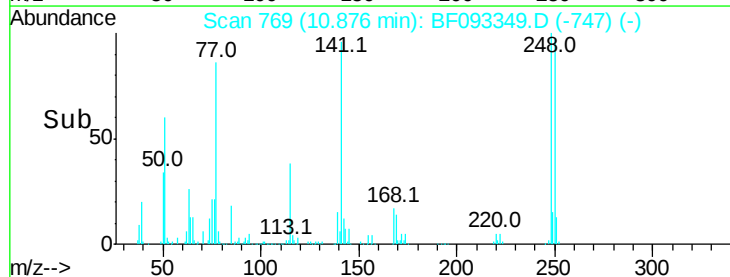
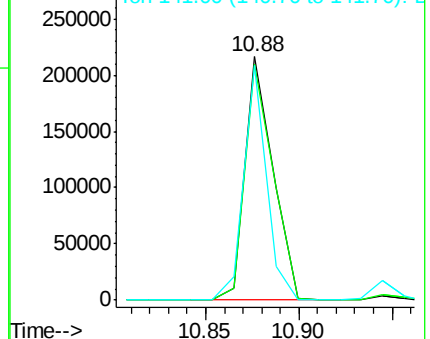
248 100

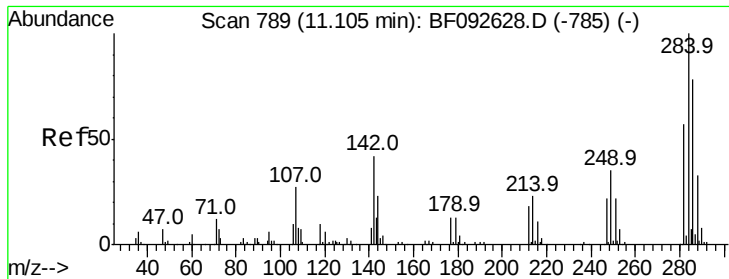
250 97.0 76.9 115.3

141 96.6 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

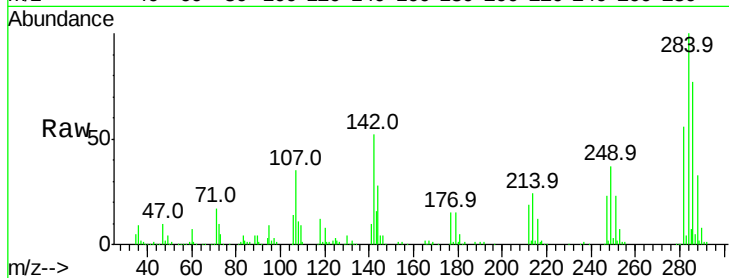




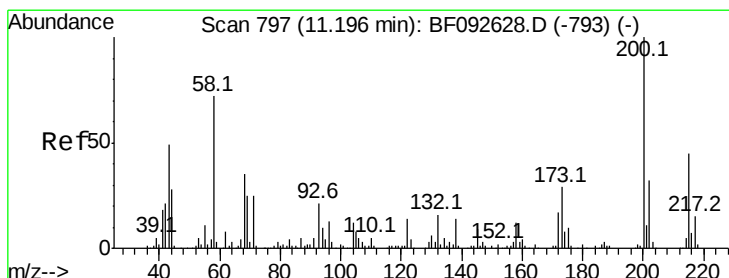
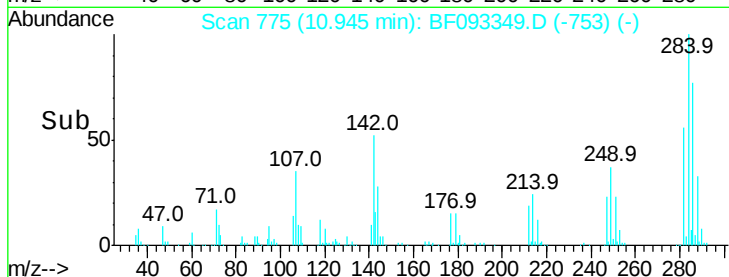
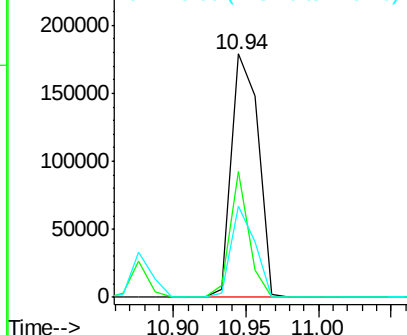
#67
Hexachlorobenzene
Concen: 38.81 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 230841
Ion Ratio Lower Upper
284 100
142 51.8 22.6 33.8#
249 37.3 25.4 38.0

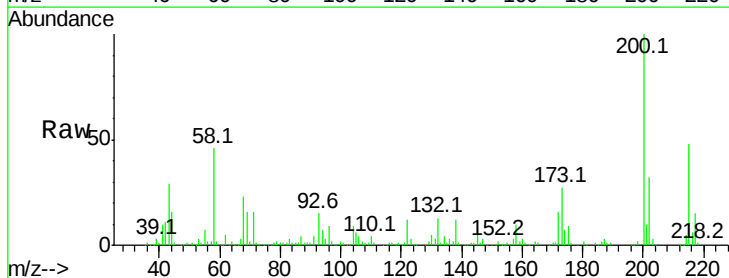


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

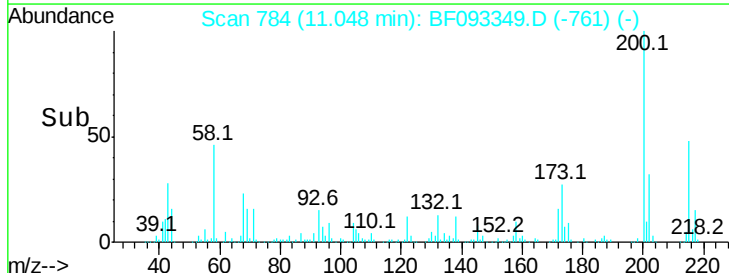
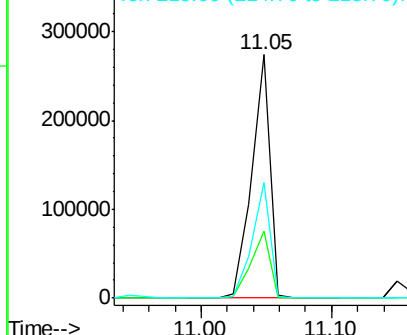


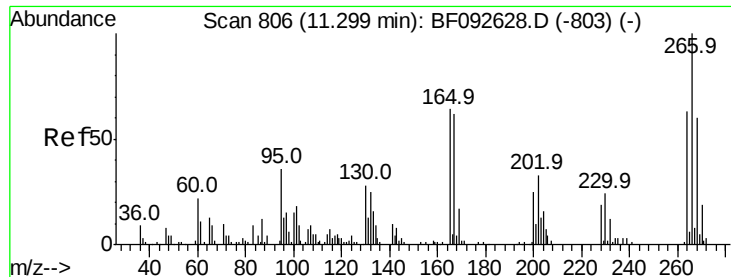
#68
Atrazine
Concen: 45.14 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:200 Resp: 266597
Ion Ratio Lower Upper
200 100
173 27.4 9.6 49.6
215 47.6 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

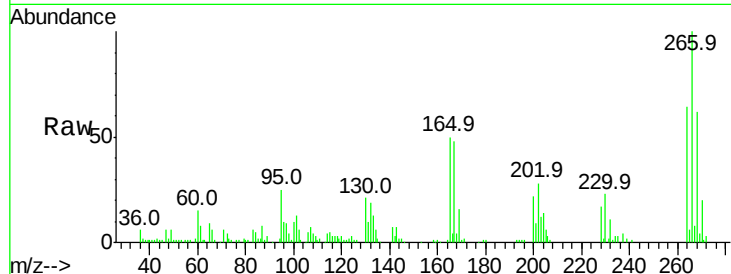




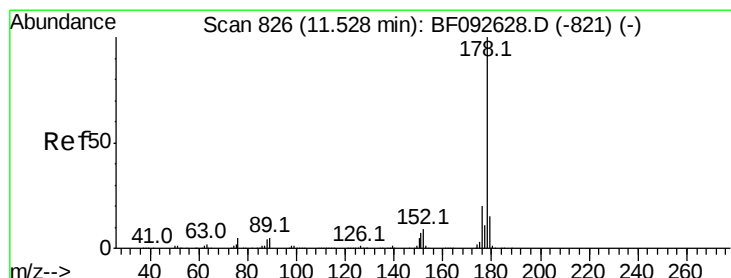
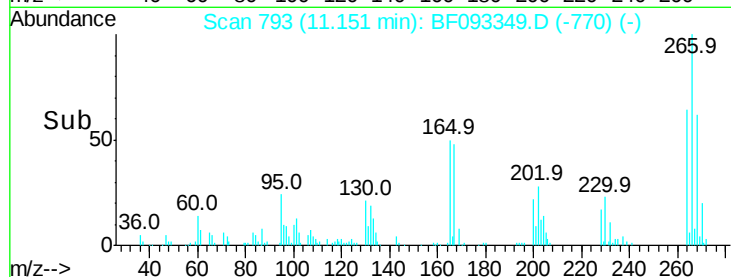
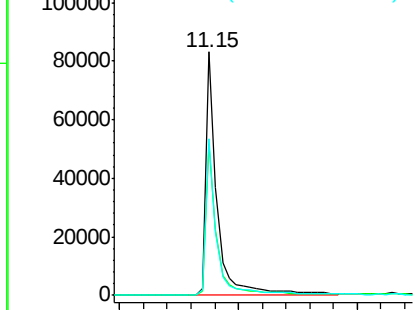
#69
 Pentachlorophenol
 Concen: 40.85 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 113531
 Ion Ratio Lower Upper
 266 100
 268 62.2 53.3 79.9
 264 64.3 50.3 75.5

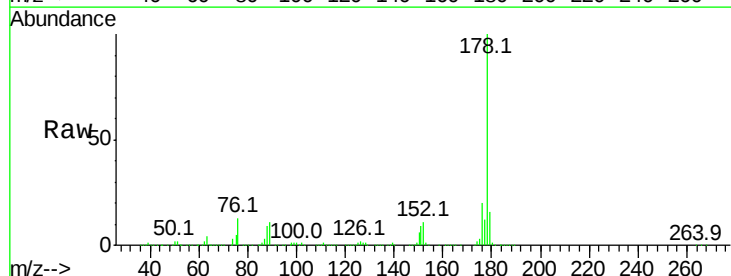


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

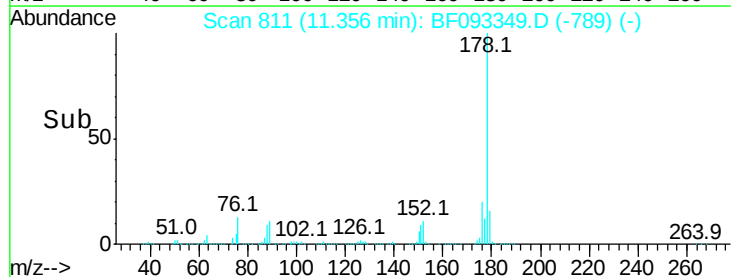
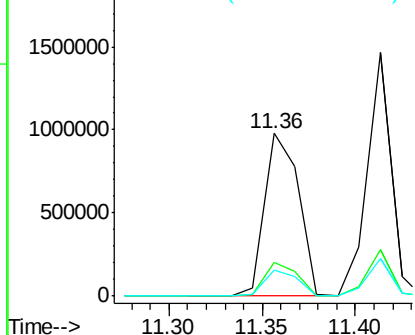


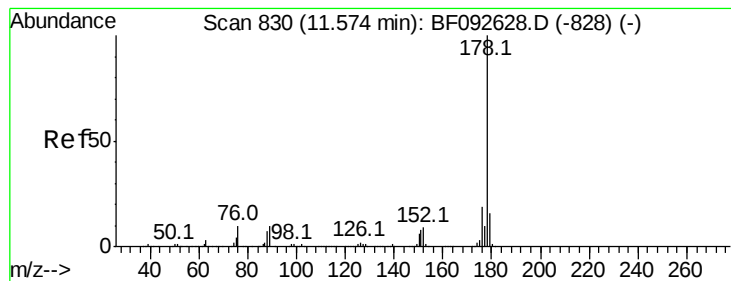
#70
 Phenanthrene
 Concen: 37.82 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:178 Resp: 1248437
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.2 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: 39.21 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

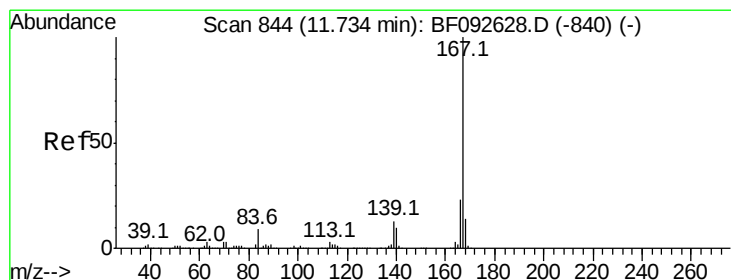
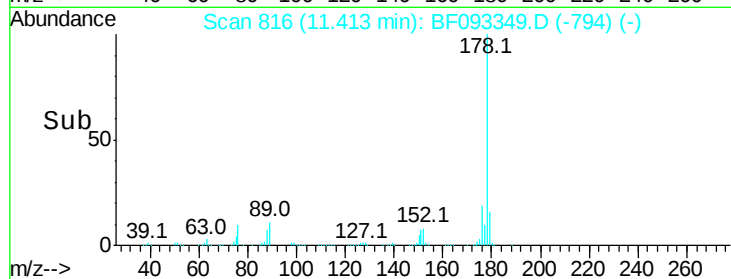
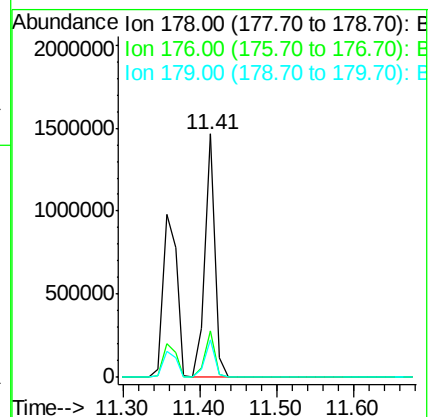
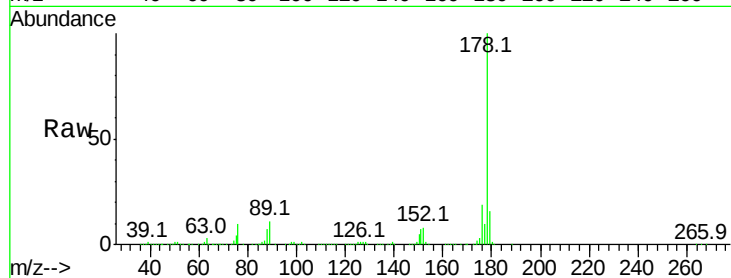
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1299647

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.5	13.2	19.8



#72

Carbazole

Concen: 38.12 ng

RT: 11.57 min Scan# 830

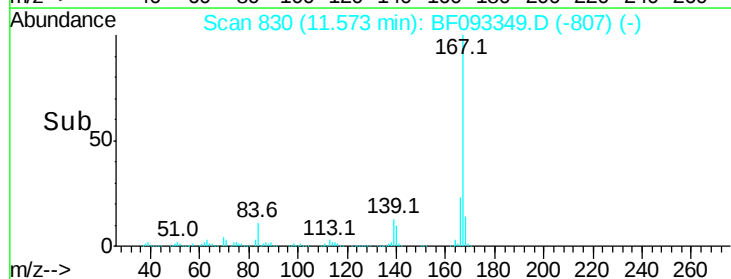
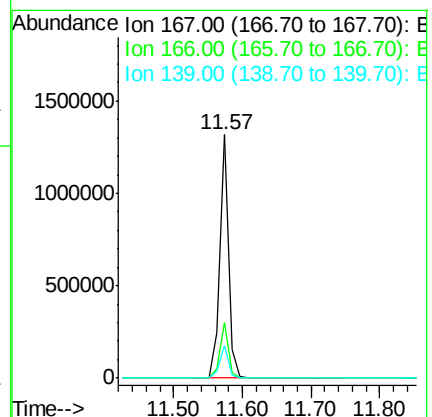
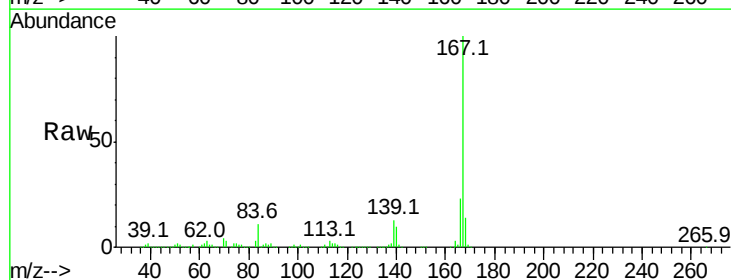
Delta R.T. -0.03 min

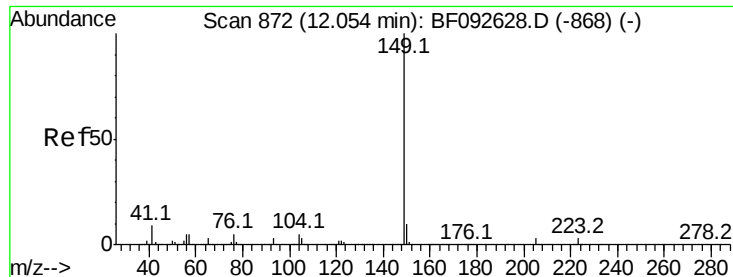
Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:167 Resp: 1207848

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

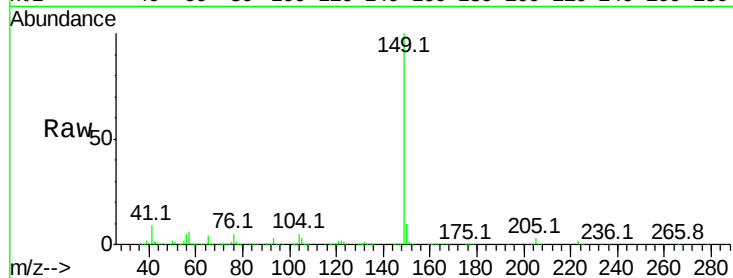
Tot Ion:149 Resp: 1368654

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

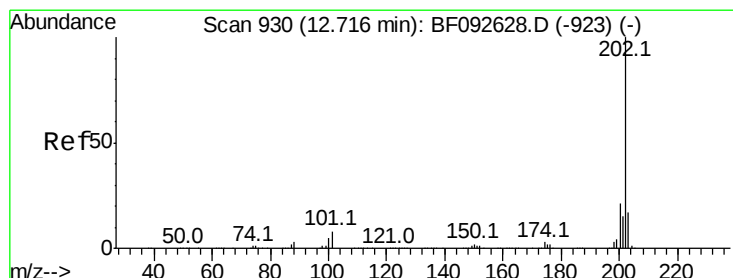
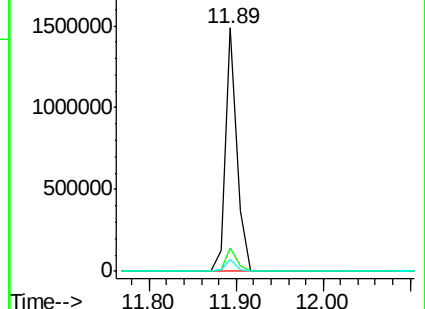
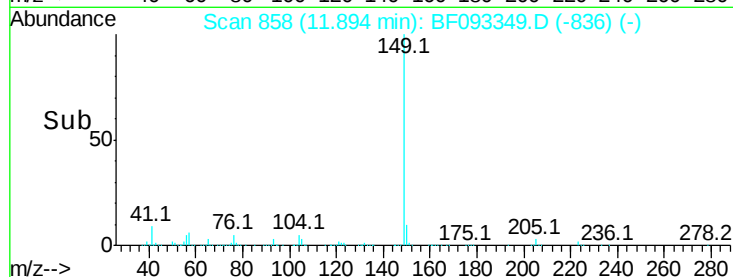
104 4.7 4.6 7.0



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: 37.67 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

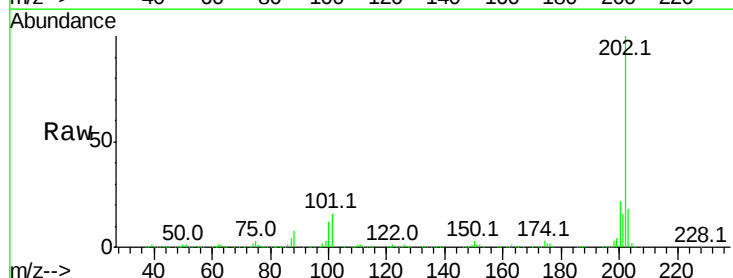
Tgt Ion:202 Resp: 1282662

Ion Ratio Lower Upper

202 100

101 16.2 0.0 34.6

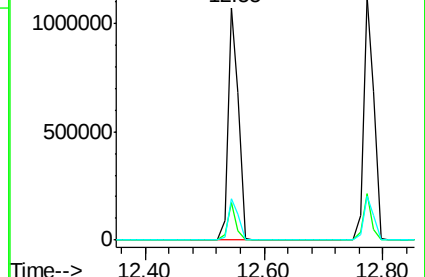
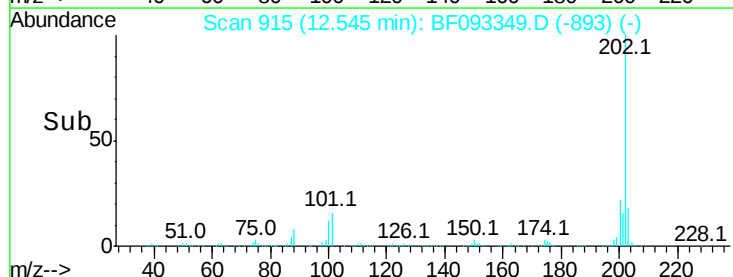
203 18.1 0.0 38.7

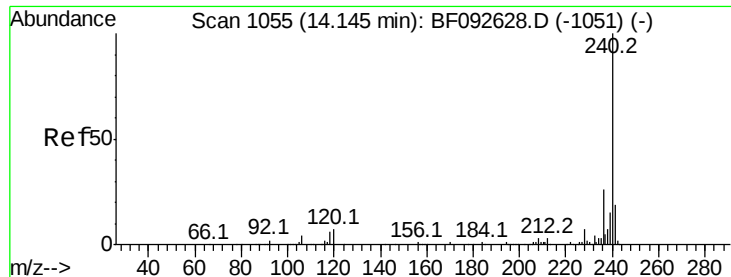


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

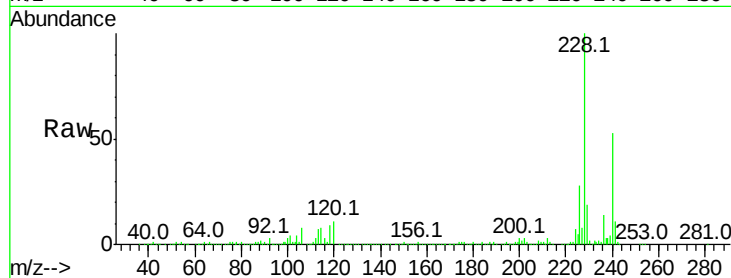
Tot Ion:240 Resp: 489817

Ion Ratio Lower Upper

240 100

120 20.3 12.9 19.3#

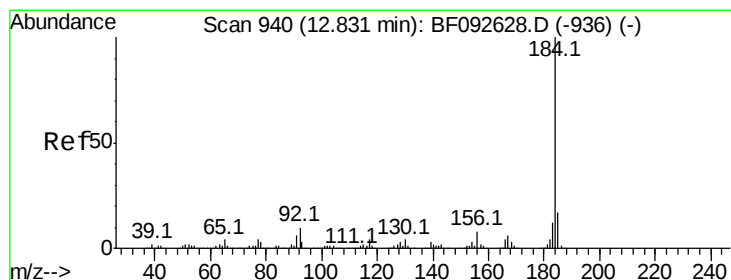
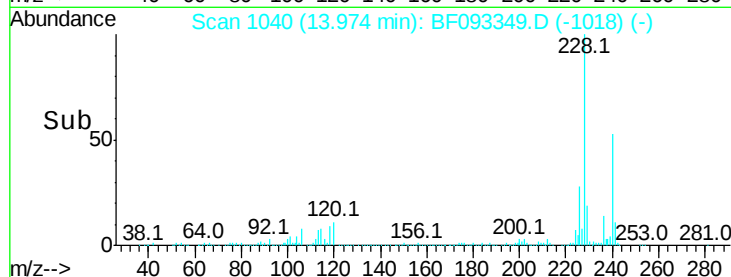
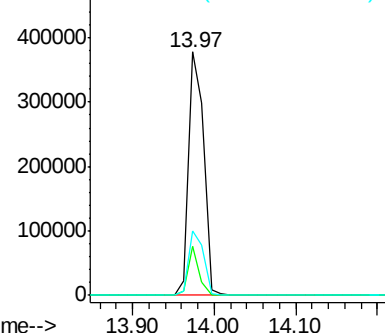
236 26.2 20.9 31.3



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: 31.84 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

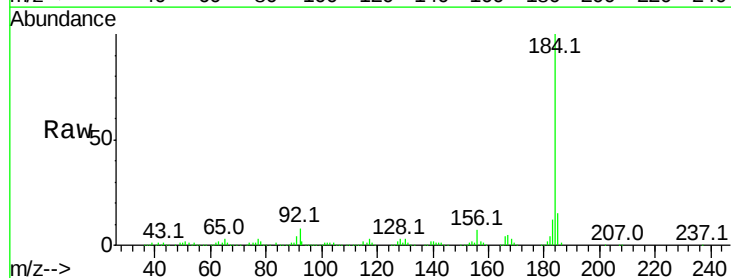
Tgt Ion:184 Resp: 664579

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

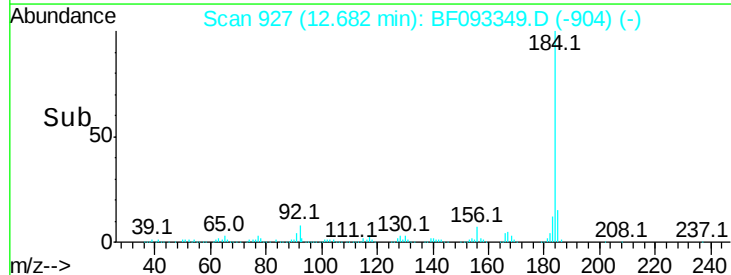
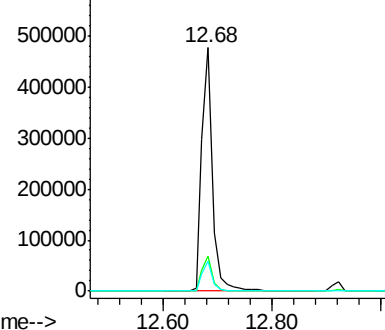
183 12.0 9.2 13.8

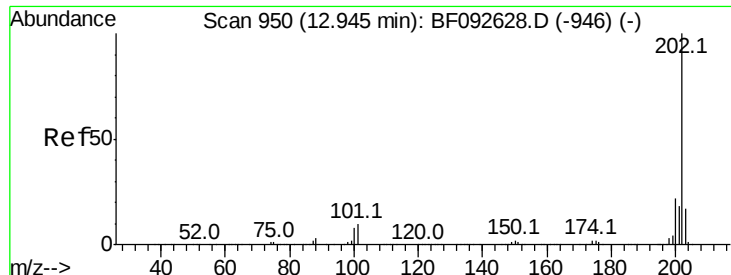


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

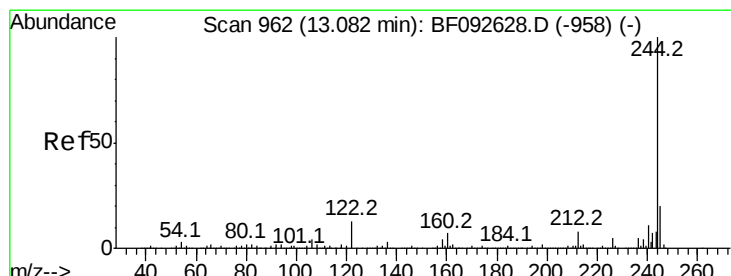
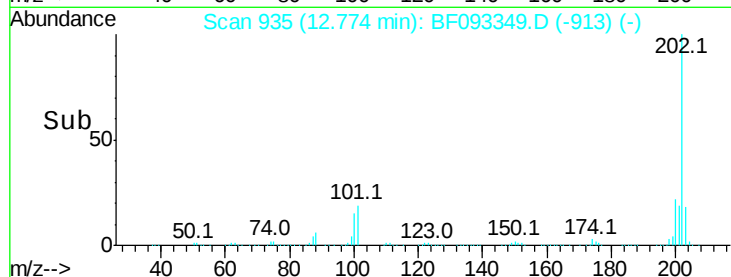
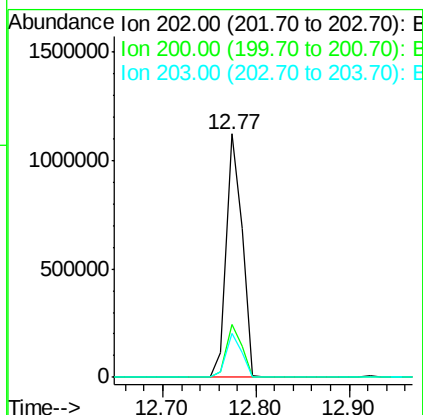
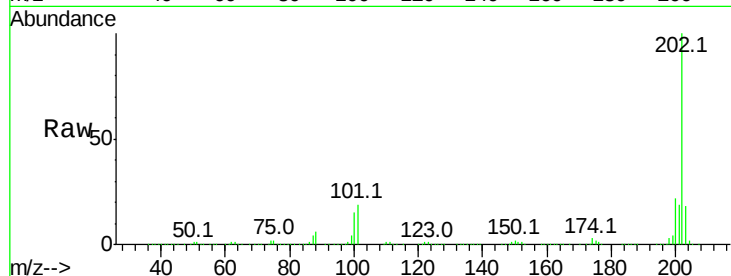




#77
Pvrene
Concen: 36.38 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

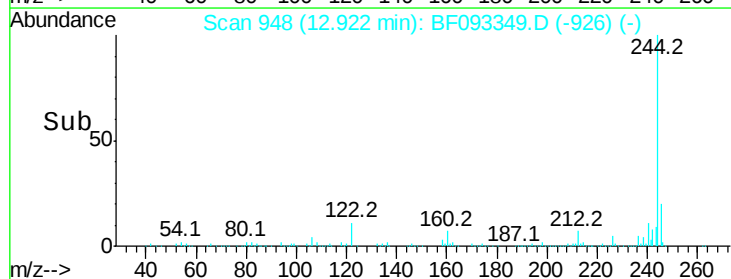
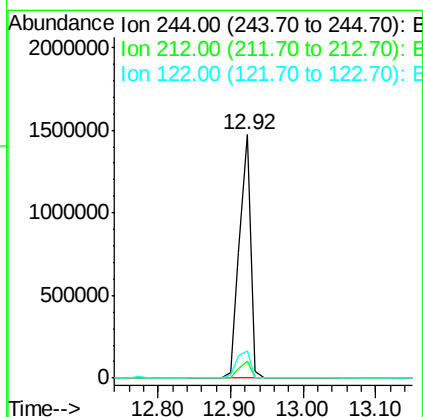
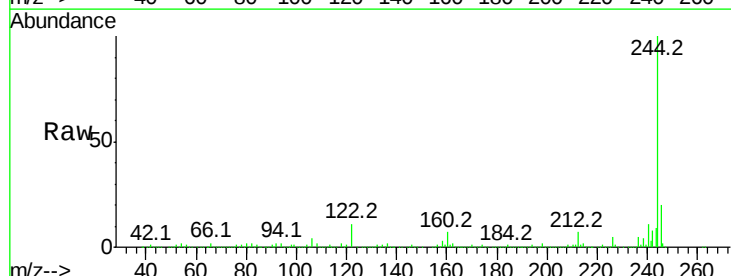
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

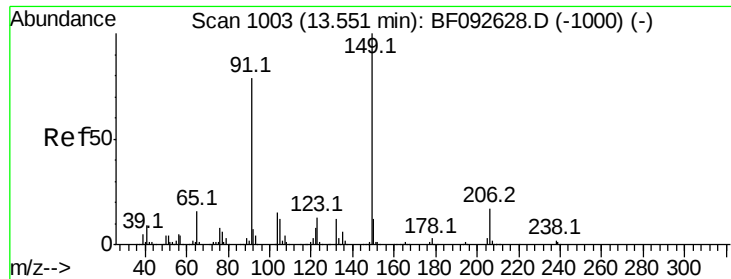
Tot Ion:202 Resp: 1333669
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.9 14.7 22.1



#78
Terphenyl-d14
Concen: 76.60 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:244 Resp: 1596736
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 11.1 11.4 17.2#

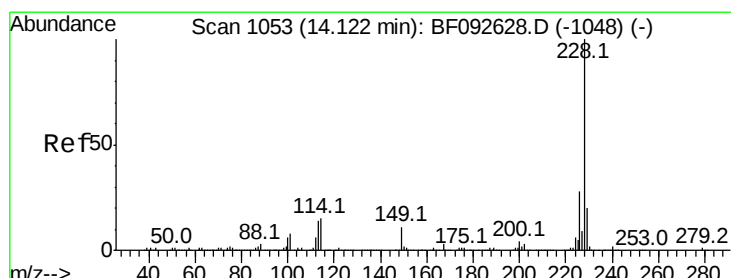
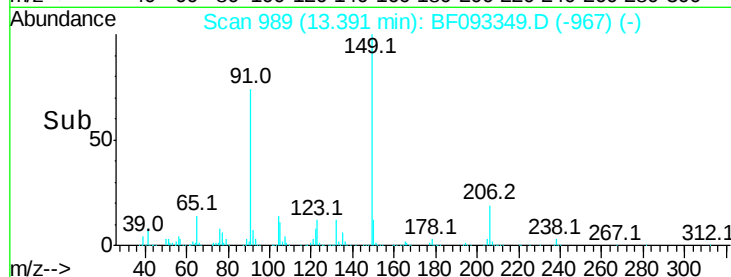
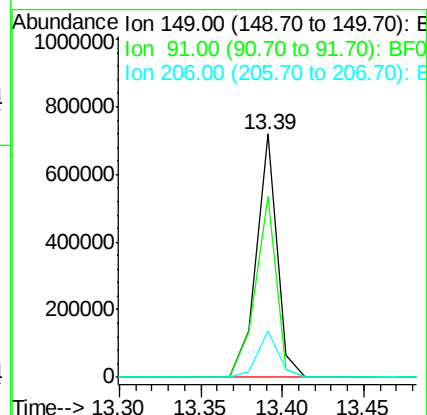
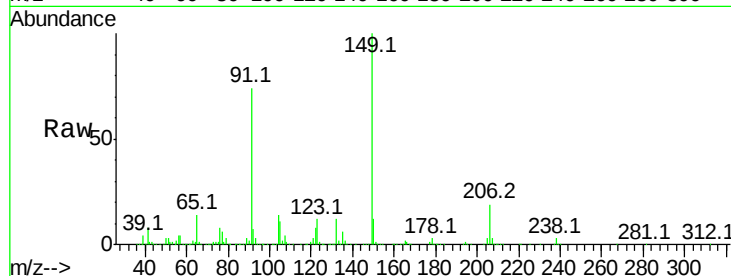




#79
Butylbenzylphthalate
Concen: 42.60 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

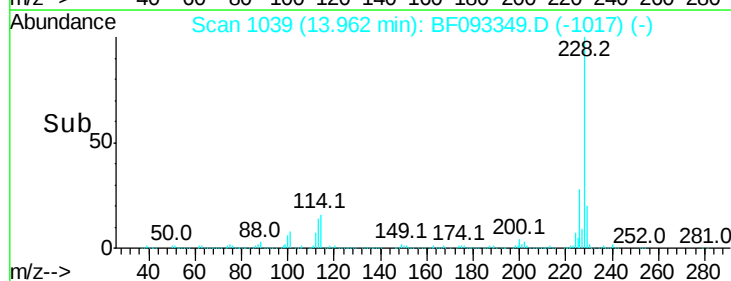
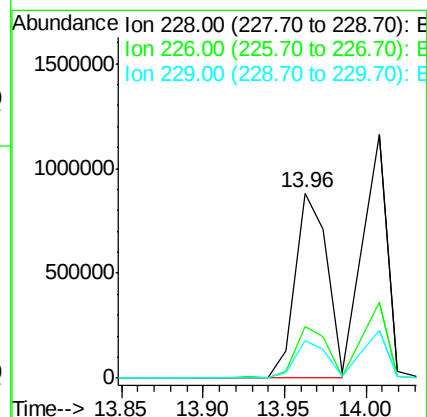
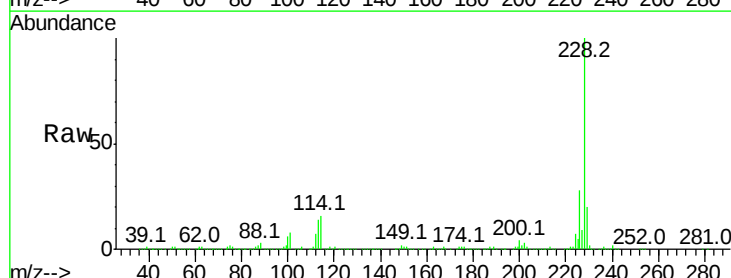
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

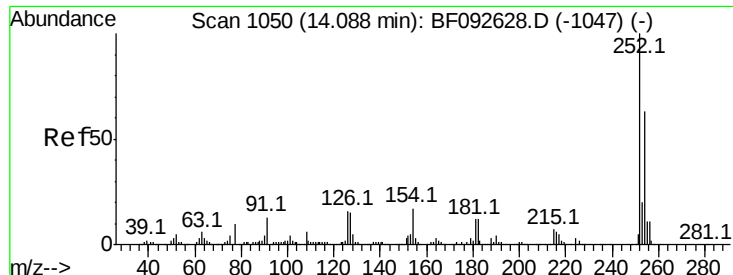
Tot Ion:149 Resp: 634137
Ion Ratio Lower Upper
149 100
91 74.1 63.9 95.9
206 19.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.14 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:228 Resp: 1202386
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.0 16.2 24.4

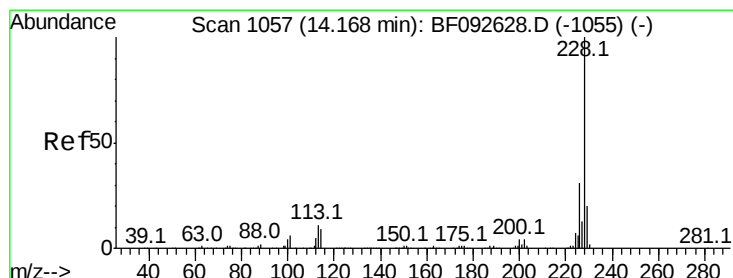
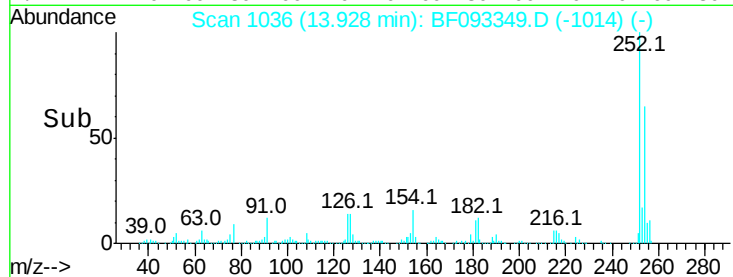
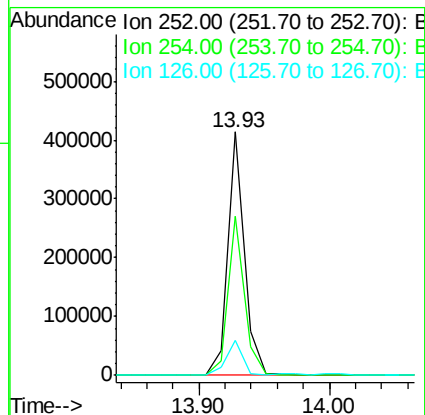
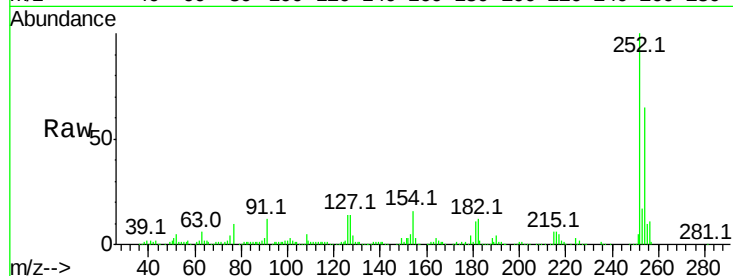




#81
 3,3'-Dichlorobenzidine
 Concen: 34.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

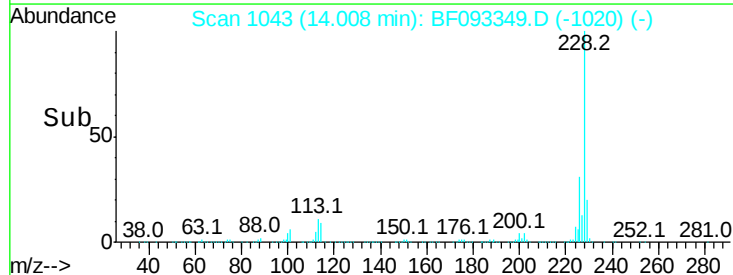
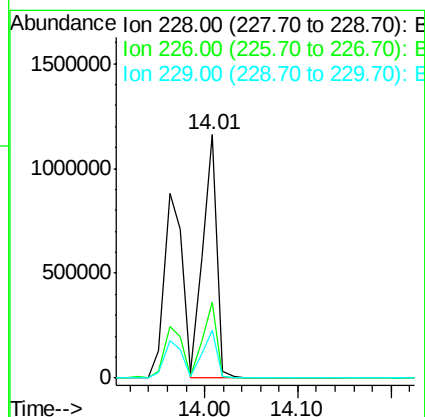
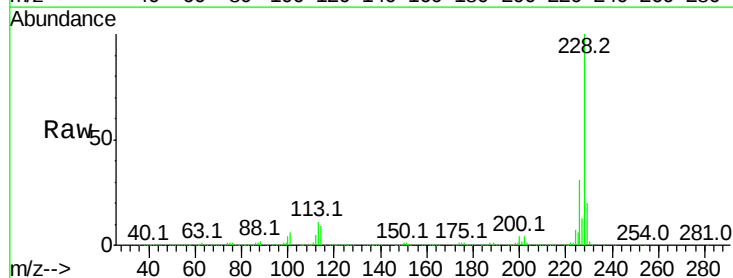
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

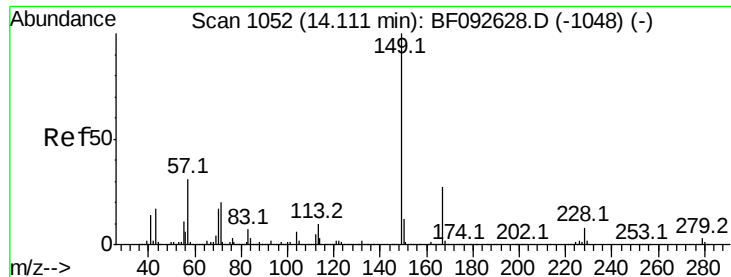
Tot Ion:252 Resp: 370370
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.3 78.5
 126 14.4 13.6 20.4



#82
 Chrysene
 Concen: 43.71 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:228 Resp: 1225967
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 19.7 16.2 24.2

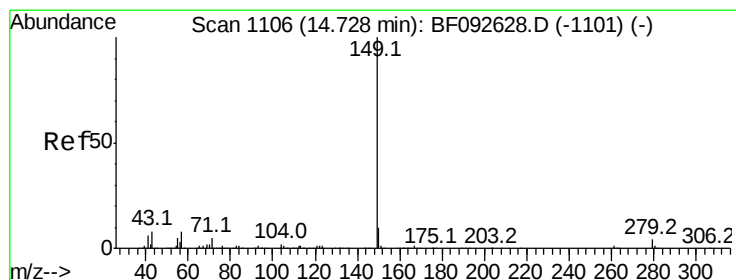
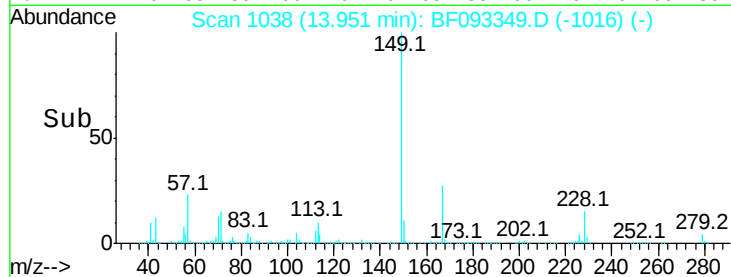
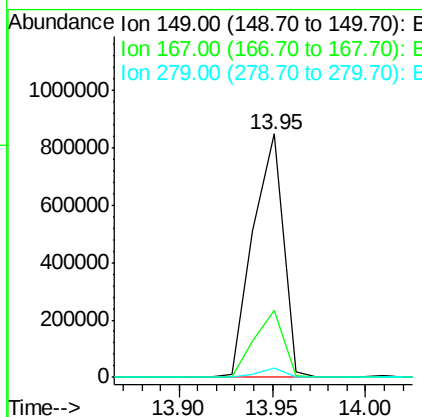
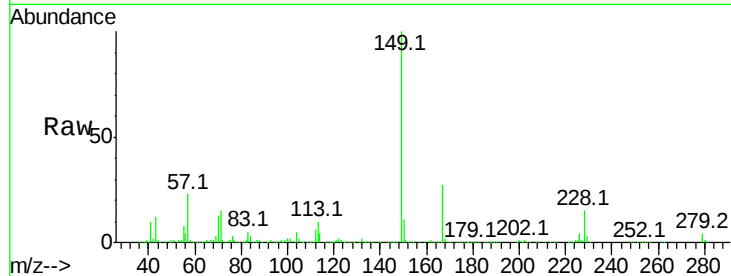




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.80 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

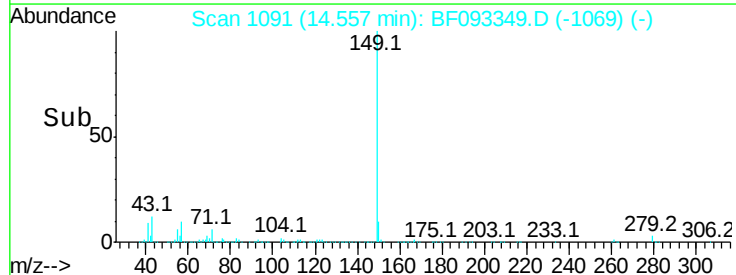
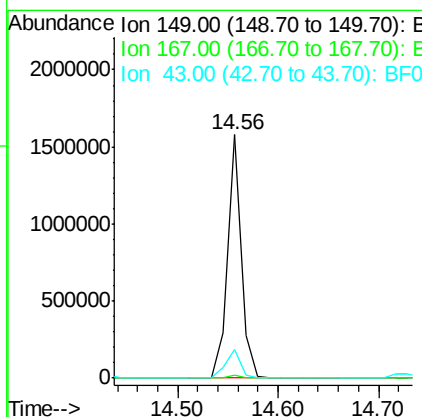
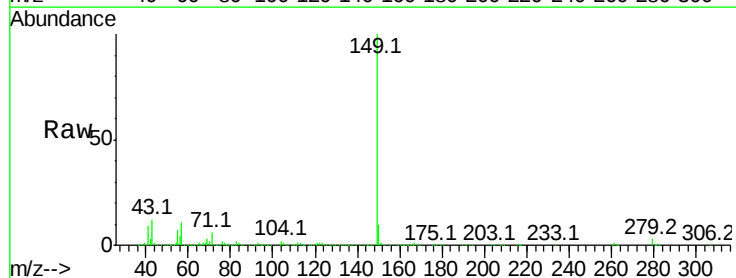
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

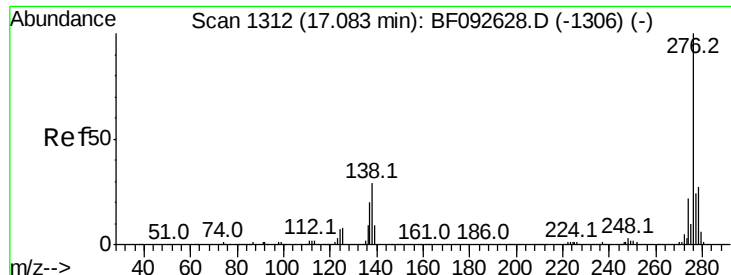
Tot Ion:149 Resp: 952791
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.2 30.4
 279 4.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.88 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion:149 Resp: 1487586
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.2 8.9 13.3

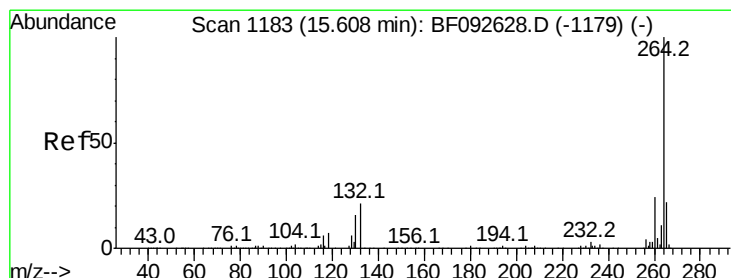
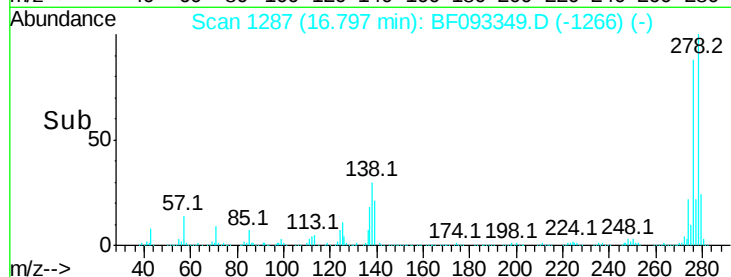
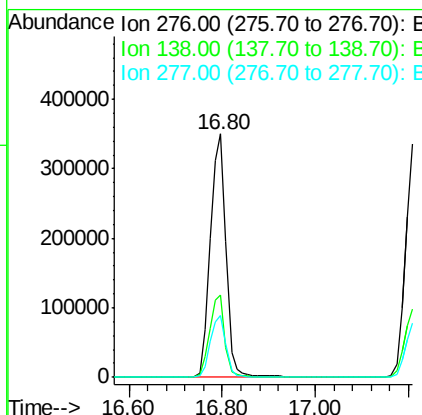
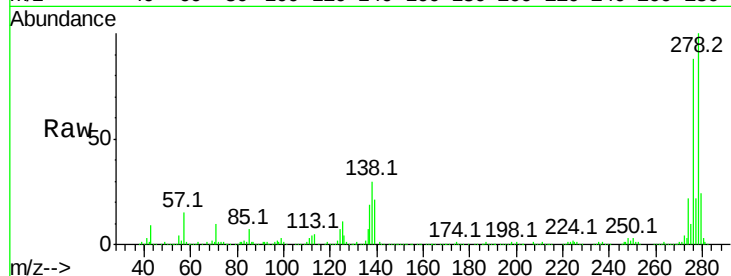




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.22 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

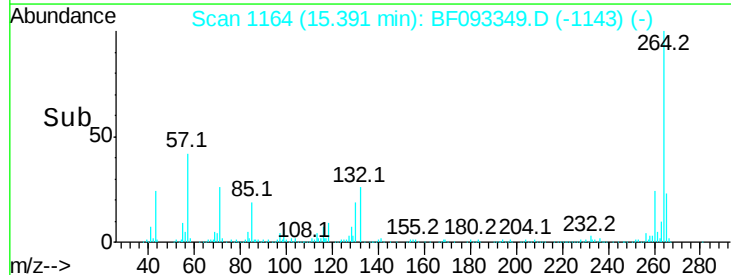
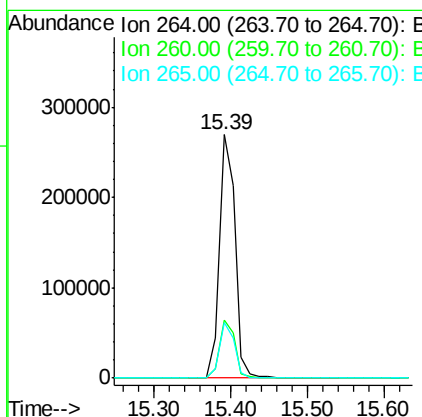
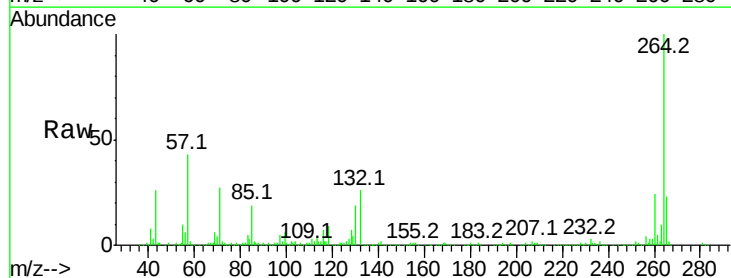
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

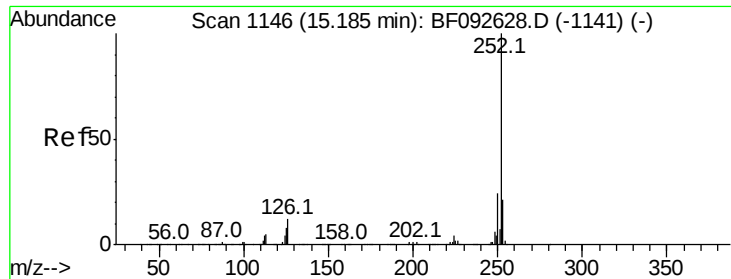
Tot Ion:276 Resp: 830269
Ion Ratio Lower Upper
276 100
138 33.2 21.8 32.6#
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:264 Resp: 386234
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.6 17.4 26.0

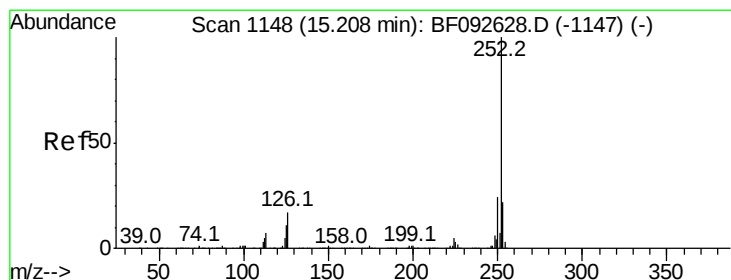
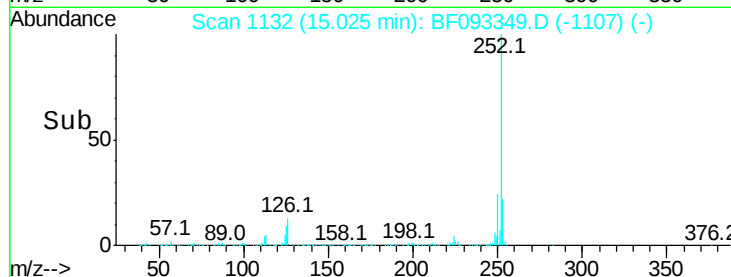
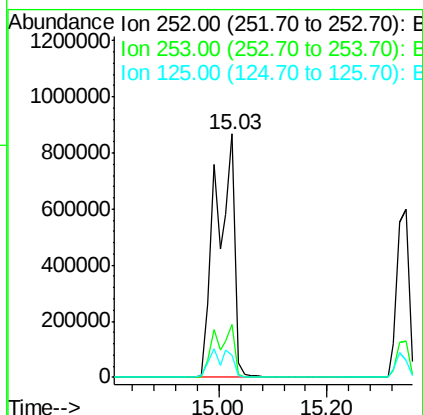
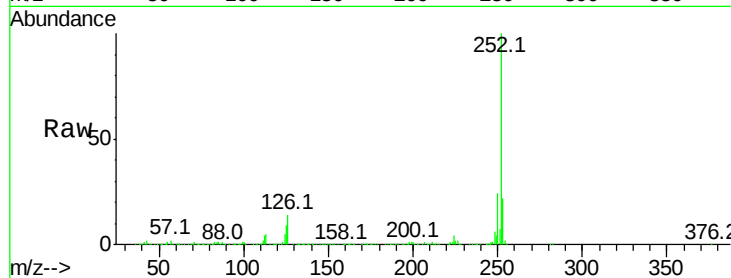




#87
Benzo(b)fluoranthene
Concen: 81.75 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

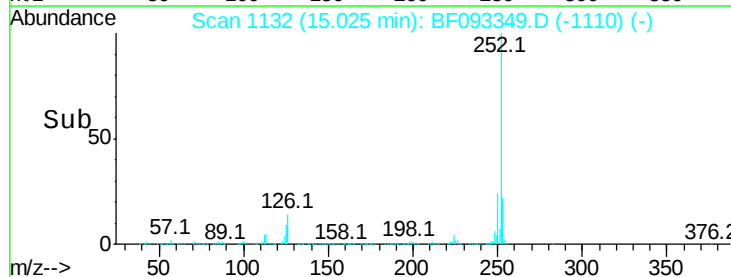
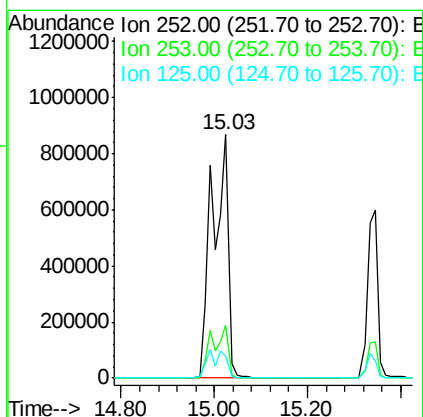
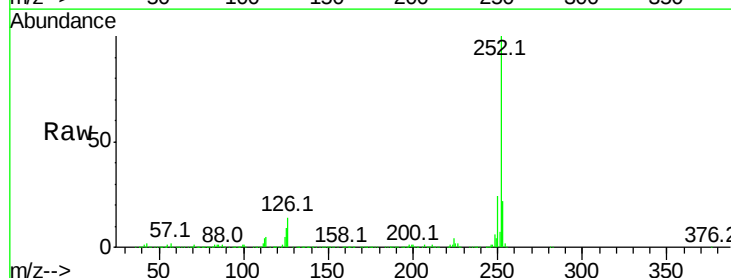
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

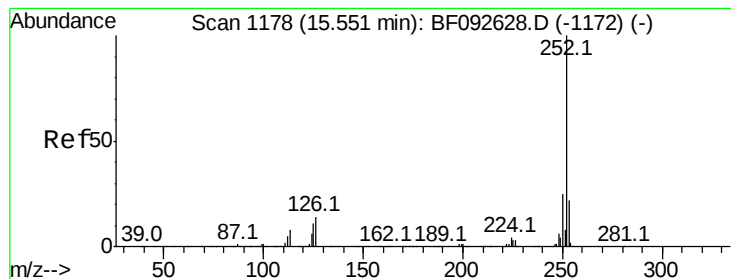
Tot Ion:252 Resp: 2078130
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.1 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 94.75 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:252 Resp: 2079787
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 42.31 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

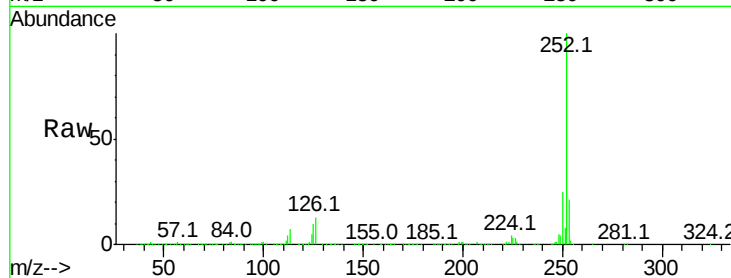
Tot Ion:252 Resp: 930352

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

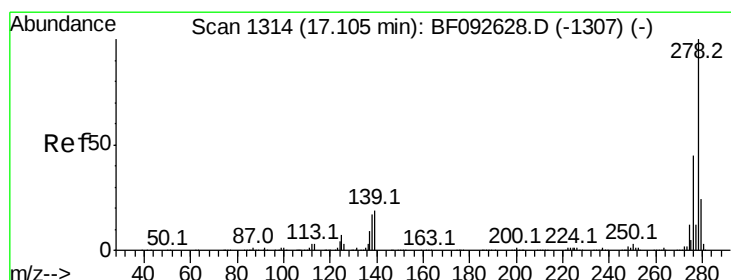
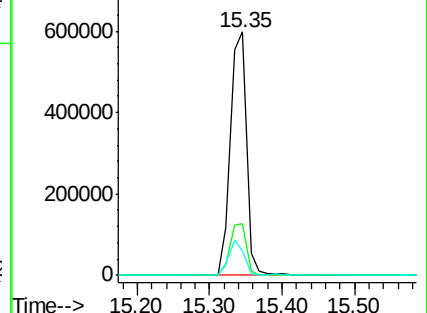
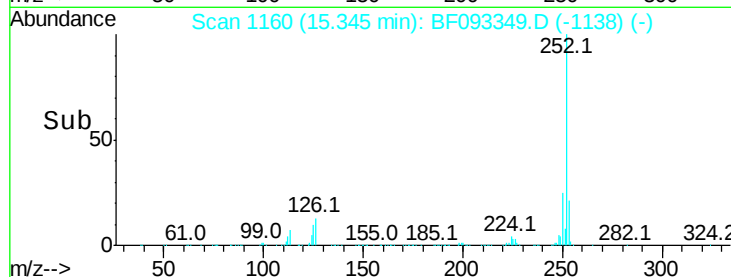
125 9.9 10.0 15.0#



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: 40.19 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

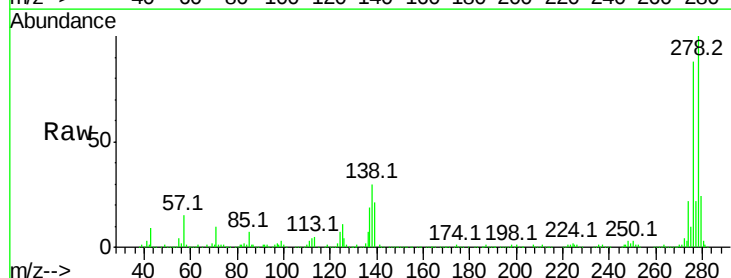
Tgt Ion:278 Resp: 714285

Ion Ratio Lower Upper

278 100

139 20.9 14.8 22.2

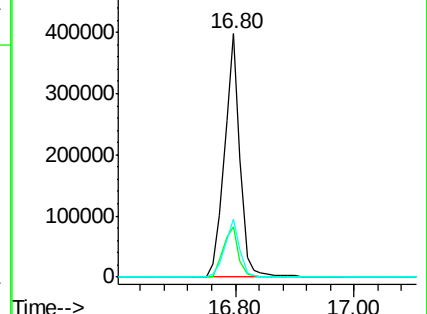
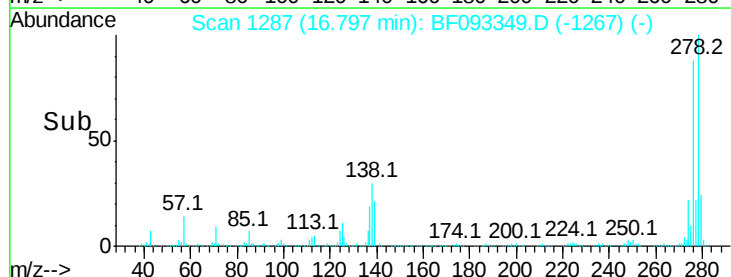
279 23.9 19.8 29.6

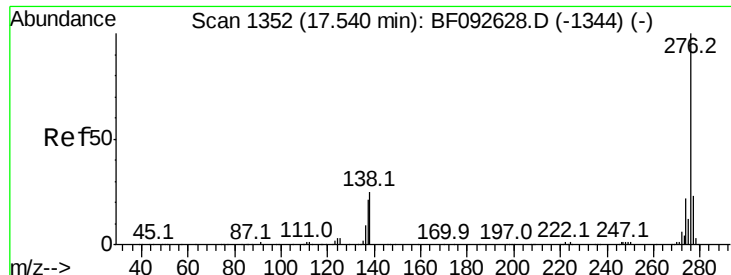


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.33 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.08 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

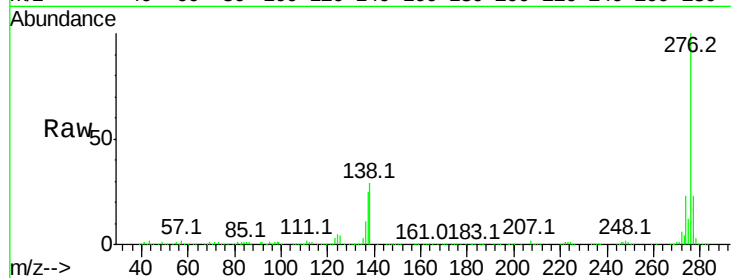
Tot Ion:276 Resp: 741986

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 29.1 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

