

Data File : BF093055.D
Acq On : 21 Feb 2017 5:23
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 21 06:10:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170270	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	667765	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	368565	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	558904	20.00	ng	0.00
75) Chrysene-d12	14.01	240	360101	20.00	ng	-0.01
86) Perylene-d12	15.44	264	348198	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	840569	84.69	ng	-0.01
7) Phenol-d6	6.49	99	1035880	81.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	1027374	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	186699	70.04	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1576251	77.48	ng	0.00
78) Terphenyl-d14	12.96	244	1295111	84.51	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	223110	41.60	ng	# 86
3) Pyridine	3.12	79	623790	45.74	ng	# 83
4) n-Nitrosodimethylamine	3.08	42	255664	39.93	ng	# 87
6) Aniline	6.51	93	749920	43.05	ng	# 51
8) 2-Chlorophenol	6.64	128	468988	42.83	ng	90
9) Benzaldehyde	6.40	77	320249	35.01	ng	99
10) Phenol	6.50	94	560469	37.51	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	497639	41.73	ng	96
12) 1,3-Dichlorobenzene	7.02	146	467913	36.49	ng	96
13) 1,4-Dichlorobenzene	6.86	146	552817	42.59	ng	96
14) 1,2-Dichlorobenzene	6.86	146	552817	44.54	ng	96
15) Benzyl Alcohol	6.99	79	371213	39.27	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	867252	41.86	ng	96
17) 2-Methylphenol	7.12	107	407505	43.38	ng	99
18) Hexachloroethane	7.36	117	178123	40.20	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	354309	43.59	ng	# 95
20) 3+4-Methylphenols	7.28	107	481964	42.91	ng	# 78
22) Acetophenone	7.26	105	615184	40.35	ng	# 94
24) Nitrobenzene	7.44	77	476484	38.70	ng	99
25) Isophorone	7.68	82	941839	42.15	ng	94
26) 2-Nitrophenol	7.76	139	264270	45.15	ng	94
27) 2,4-Dimethylphenol	7.80	122	451889	43.96	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	668775	45.19	ng	99
29) 2,4-Dichlorophenol	8.00	162	377203	39.35	ng	86
30) 1,2,4-Trichlorobenzene	8.08	180	413621	40.04	ng	94
31) Naphthalene	8.16	128	1325970	39.17	ng	99
32) Benzoic acid	7.94	122	256609	44.65	ng	95
33) 4-Chloroaniline	8.21	127	546004	41.13	ng	98
34) Hexachlorobutadiene	8.28	225	221511	38.97	ng	98
35) Caprolactam	8.60	113	140498	46.59	ng	# 67
36) 4-Chloro-3-methylphenol	8.70	107	431049	43.13	ng	97
37) 2-Methylnaphthalene	8.85	142	897979	41.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	394308	38.11	ng	99
40) Hexachlorocyclopentadiene	9.00	237	134999	28.92	ng	94

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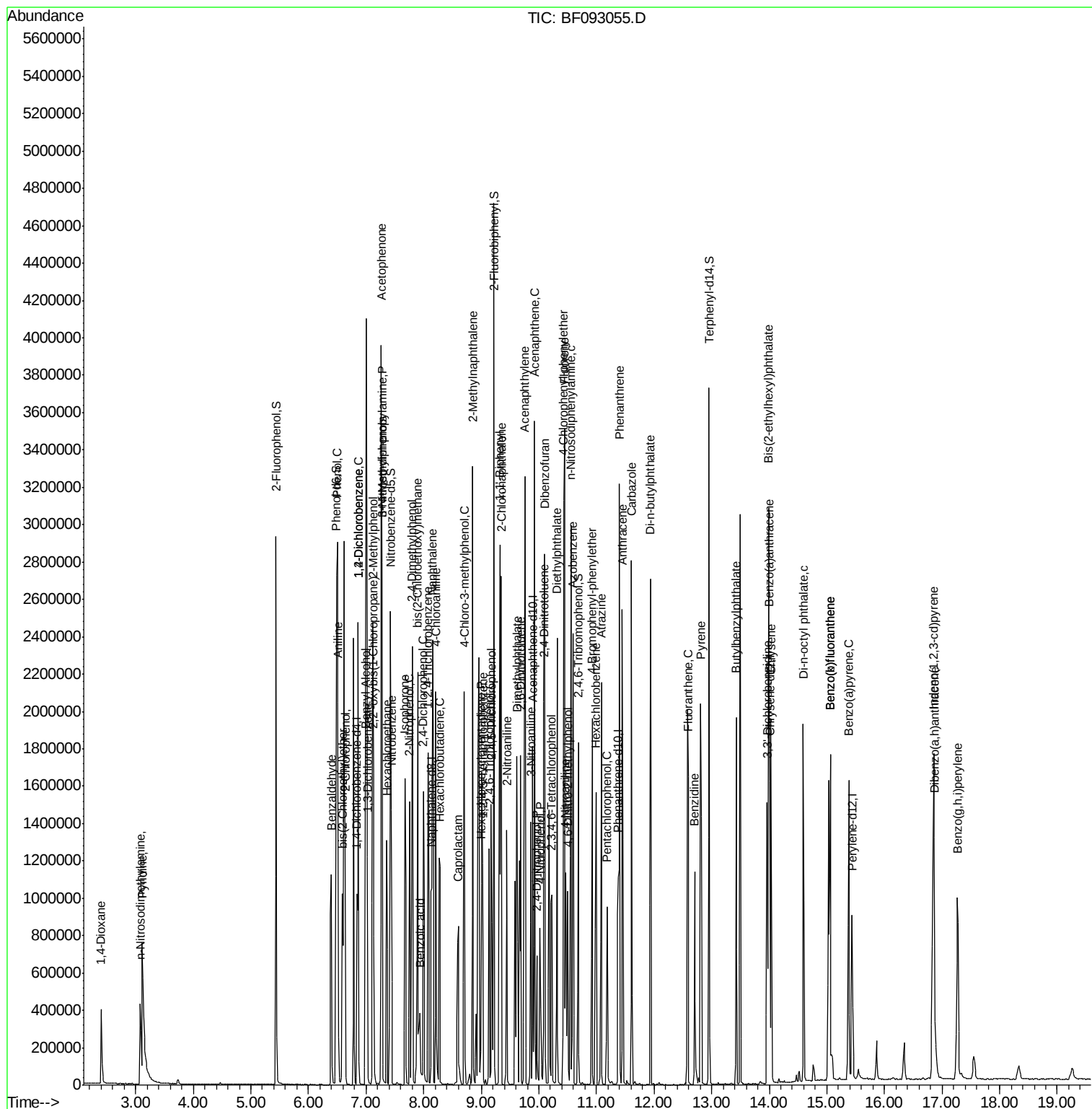
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	271235	39.90	ng	94
43) 2,4,5-Trichlorophenol	9.17	196	282051	37.87	ng	97
45) 1,1'-Biphenyl	9.32	154	1117037	41.86	ng	100
46) 2-Chloronaphthalene	9.34	162	877065	42.01	ng	98
47) 2-Nitroaniline	9.45	65	293300	41.78	ng	# 71
48) Acenaphthylene	9.76	152	1318784	36.57	ng	99
49) Dimethylphthalate	9.62	163	938816	37.82	ng	99
50) 2,6-Dinitrotoluene	9.69	165	236329	44.08	ng	96
51) Acenaphthene	9.93	154	790537	36.66	ng	96
52) 3-Nitroaniline	9.86	138	277713	45.26	ng	83
53) 2,4-Dinitrophenol	9.96	184	92809	36.75	ng	# 68
54) Dibenzofuran	10.10	168	1044067	36.20	ng	95
55) 4-Nitrophenol	10.02	139	151540	34.29	ng	85
56) 2,4-Dinitrotoluene	10.09	165	246278	34.50	ng	96
57) Fluorene	10.44	166	877100	39.53	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	191223	38.48	ng	97
59) Diethylphthalate	10.32	149	870661	37.22	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	371831	34.88	ng	92
61) 4-Nitroaniline	10.46	138	238171	37.90	ng	93
62) Azobenzene	10.59	77	949193	39.27	ng	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	138355	41.08	ng	78
65) n-Nitrosodiphenylamine	10.56	169	806500	45.17	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	241177	41.30	ng	92
67) Hexachlorobenzene	10.99	284	241387	41.83	ng	98
68) Atrazine	11.08	200	235470	41.10	ng	98
69) Pentachlorophenol	11.18	266	115823	42.58	ng	96
70) Phenanthrene	11.40	178	1266596	39.56	ng	99
71) Anthracene	11.45	178	1220024	37.94	ng	99
72) Carbazole	11.61	167	1119875	36.43	ng	99
73) Di-n-butylphthalate	11.94	149	1481136	44.56	ng	# 97
74) Fluoranthene	12.59	202	1153087	34.91	ng	90
76) Benzidine	12.70	184	493942	32.19	ng	98
77) Pyrene	12.81	202	1094828	40.63	ng	99
79) Butylbenzylphthalate	13.43	149	491819	44.94	ng	98
80) Benzo(a)anthracene	14.00	228	788551	35.80	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	310088	39.50	ng	# 96
82) Chrysene	14.03	228	767616	37.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	679659	45.41	ng	98
84) Di-n-octyl phthalate	14.59	149	1039170	42.64	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	910059	56.98	ng	# 94
87) Benzo(b)fluoranthene	15.06	252	1586667	69.23	ng	97
88) Benzo(k)fluoranthene	15.06	252	1587523	80.23	ng	97
89) Benzo(a)pyrene	15.38	252	772188	38.95	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	778710	48.60	ng	96
91) Benzo(g,h,i)perylene	17.27	276	788587	48.72	ng	# 89

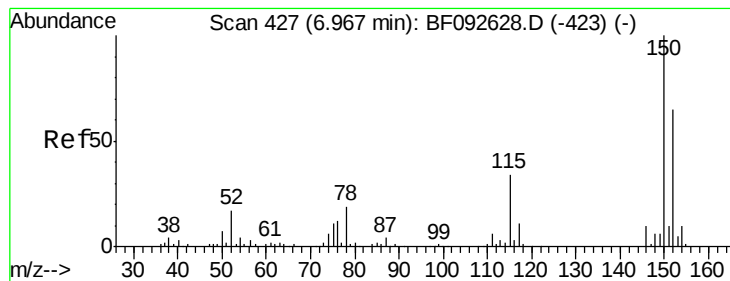
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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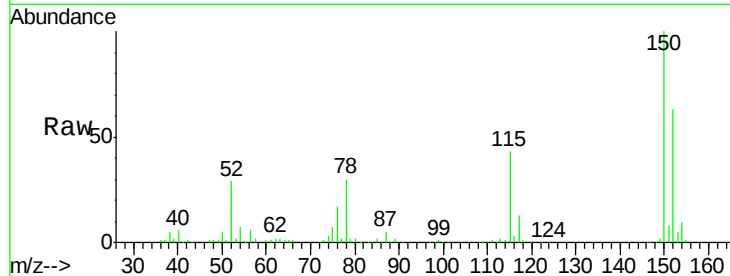
Tgt Ion:152 Resp: 170270

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

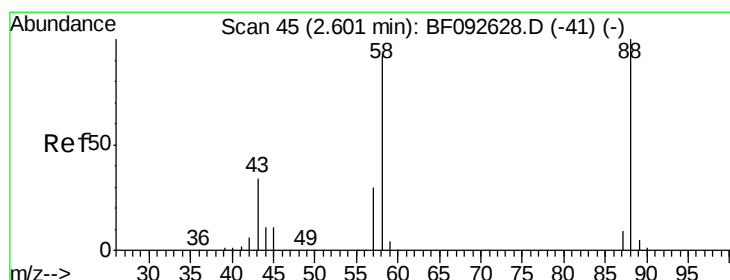
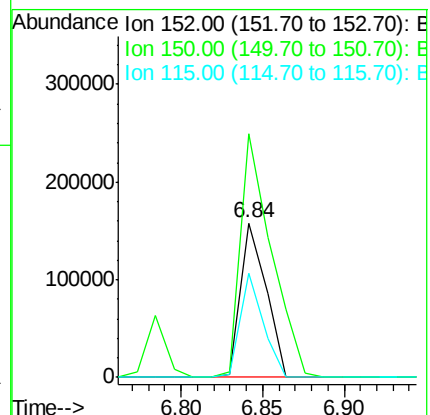
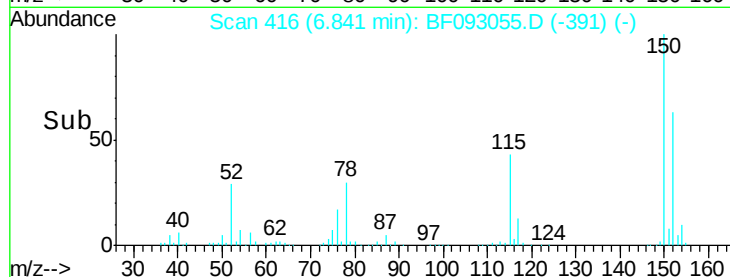
115 67.3 46.0 69.0



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: 41.60 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.03 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

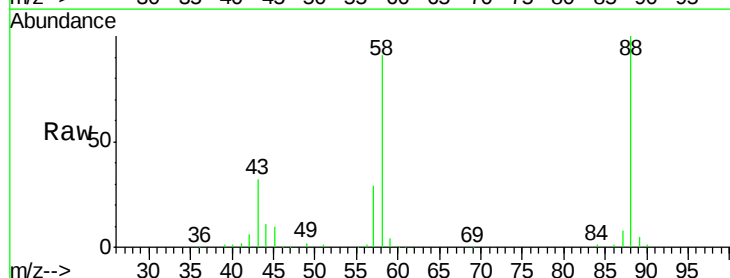
Tgt Ion: 88 Resp: 223110

Ion Ratio Lower Upper

88 100

58 87.4 57.8 86.8#

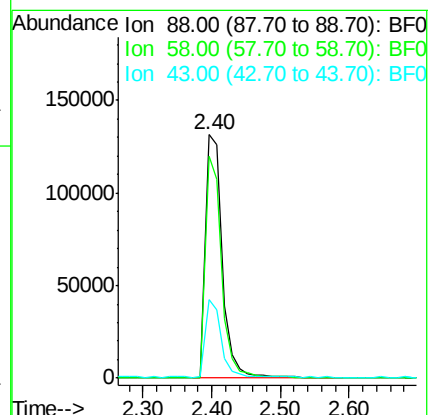
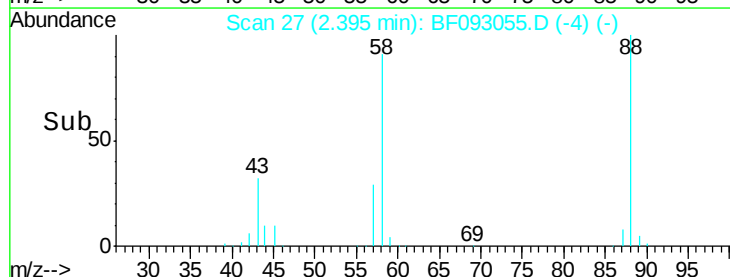
43 29.3 22.3 33.5

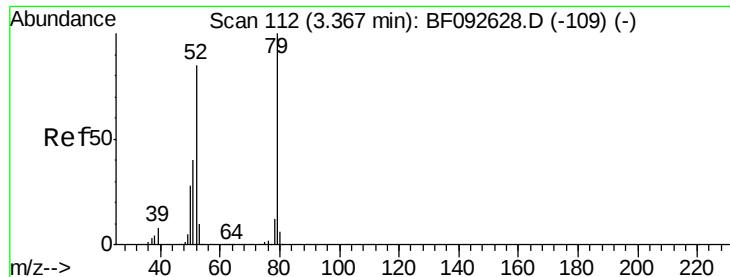


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.74 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.03 min

Lab File: BF093055.D

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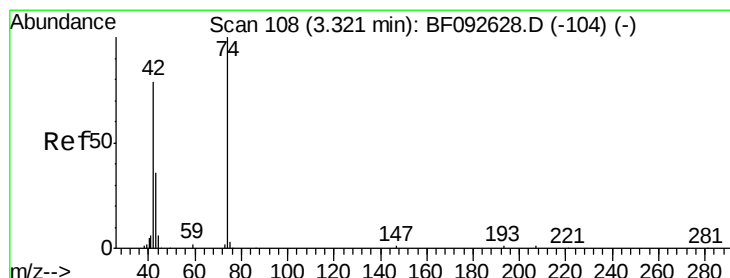
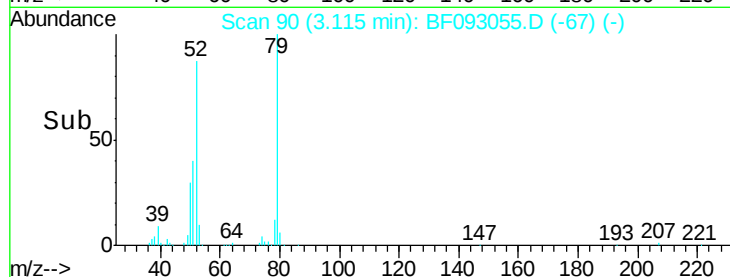
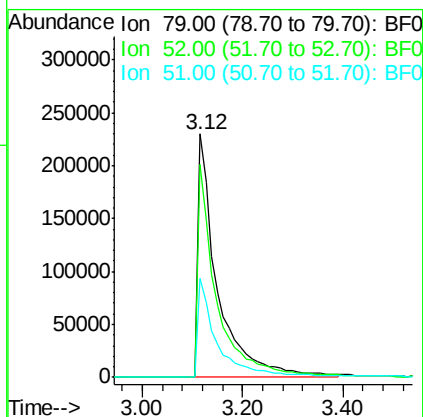
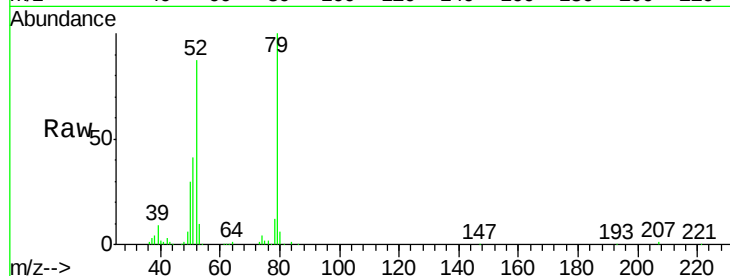
Tgt Ion: 79 Resp: 623790

Ion Ratio Lower Upper

79 100

52 87.5 57.1 85.7#

51 40.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.93 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.02 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

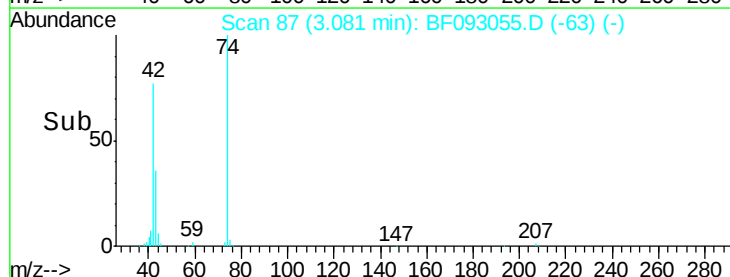
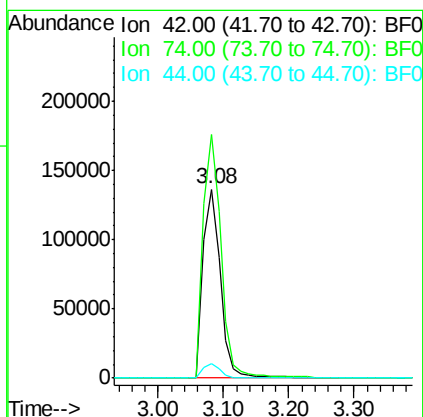
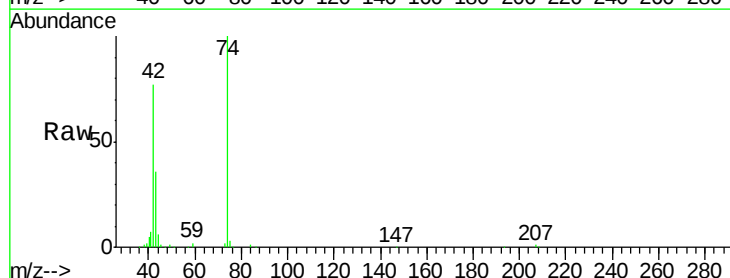
Tgt Ion: 42 Resp: 255664

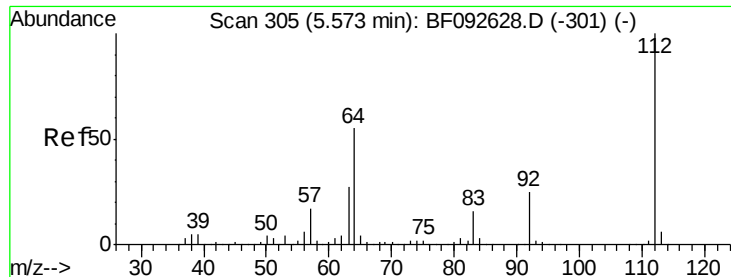
Ion Ratio Lower Upper

42 100

74 129.1 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 84.69 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

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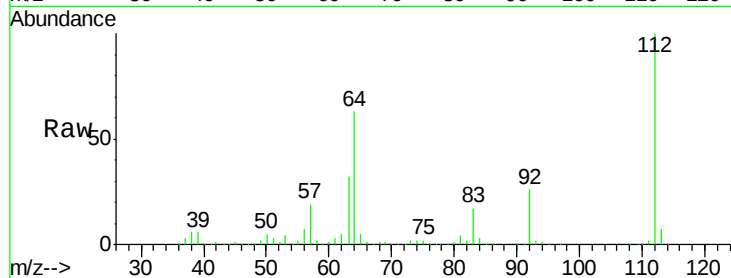
Tgt Ion: 112 Resp: 840569

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

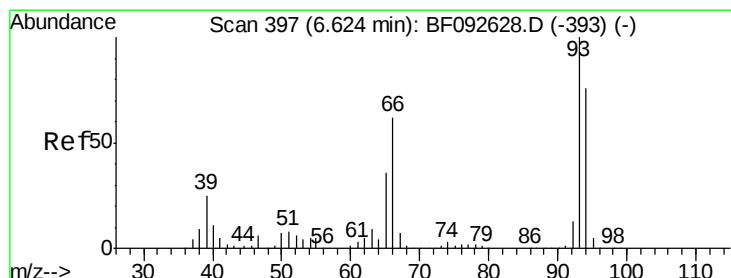
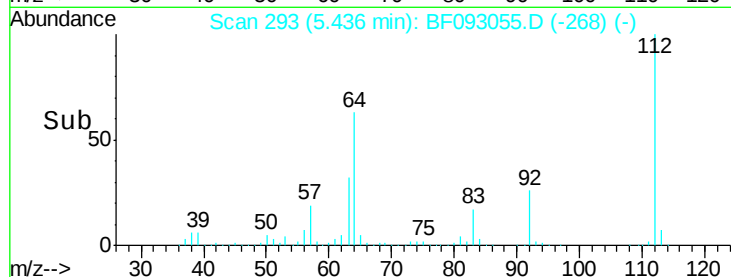
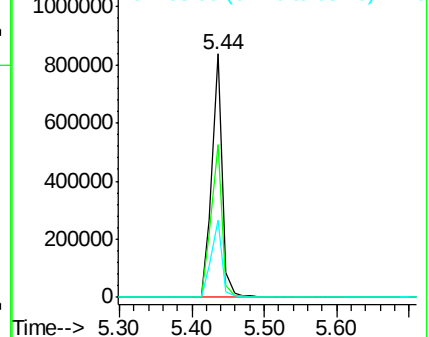
63 31.6 23.8 35.6



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



#6

Aniline

Concen: 43.05 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

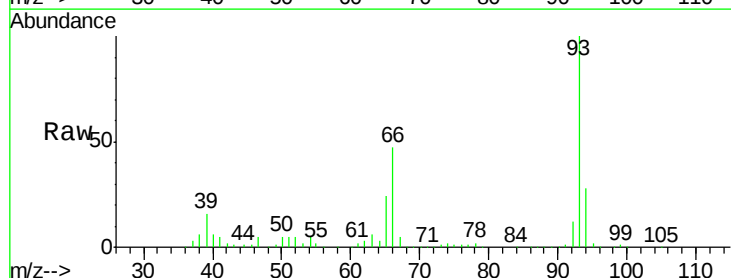
Tgt Ion: 93 Resp: 749920

Ion Ratio Lower Upper

93 100

66 46.6 76.2 114.2#

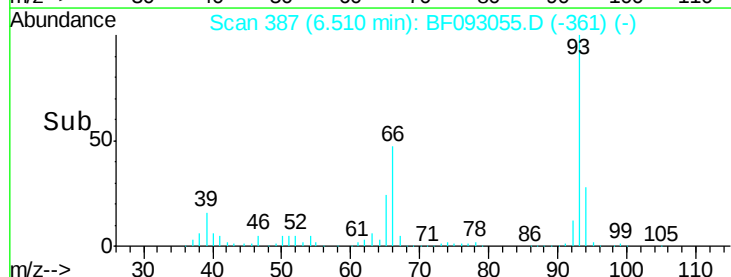
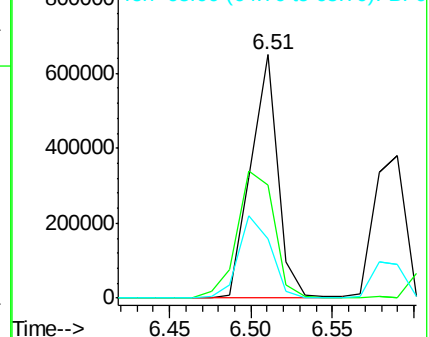
65 24.2 49.3 73.9#

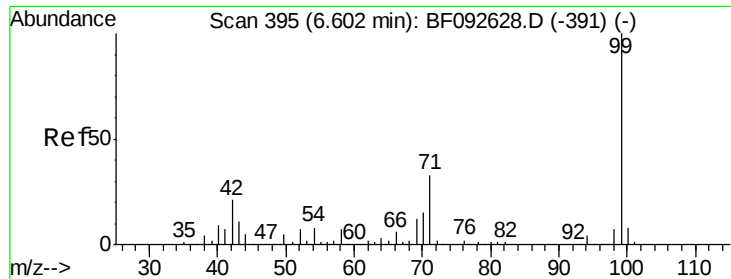


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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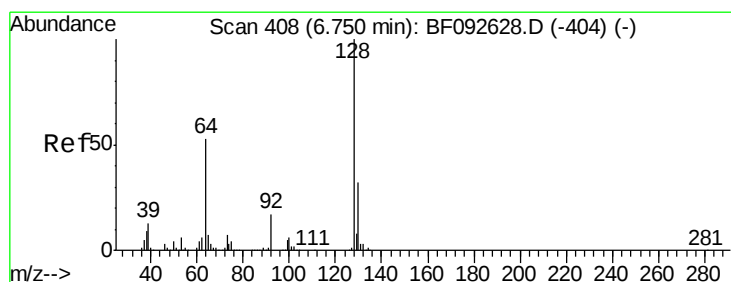
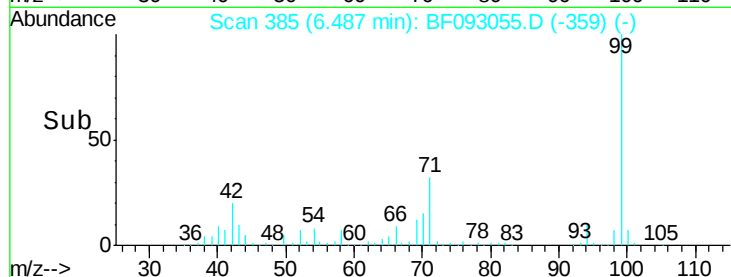
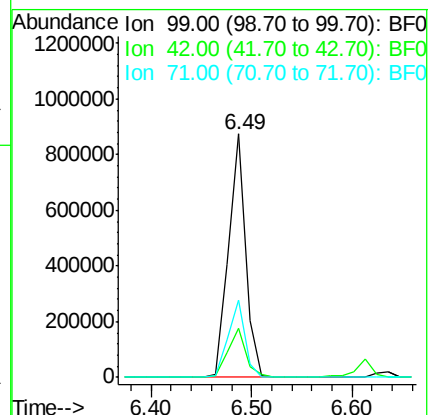
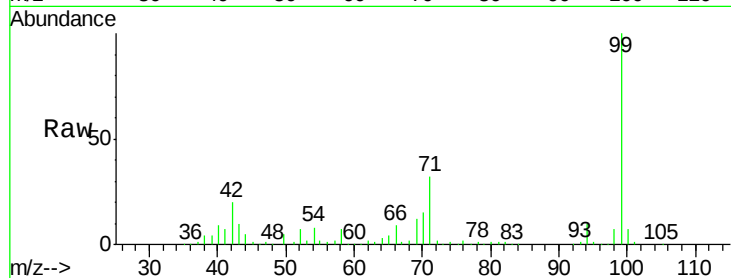
Tgt Ion: 99 Resp: 1035880

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 31.7 27.5 41.3



#8

2-Chlorophenol

Concen: 42.83 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093055.D

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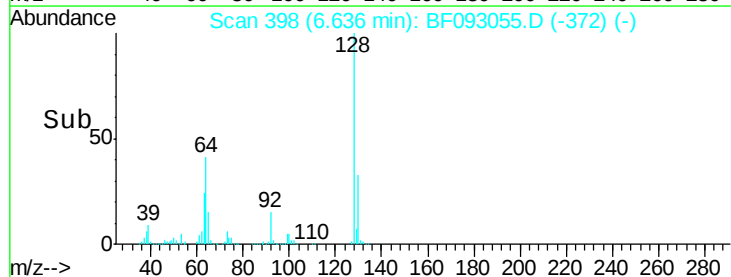
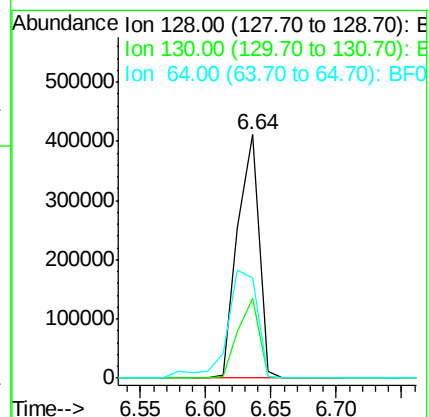
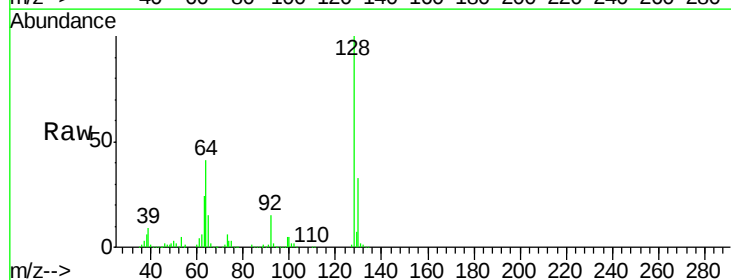
Tgt Ion: 128 Resp: 468988

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 41.1 32.2 72.2

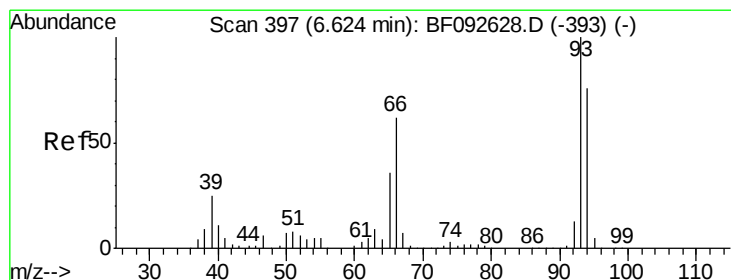
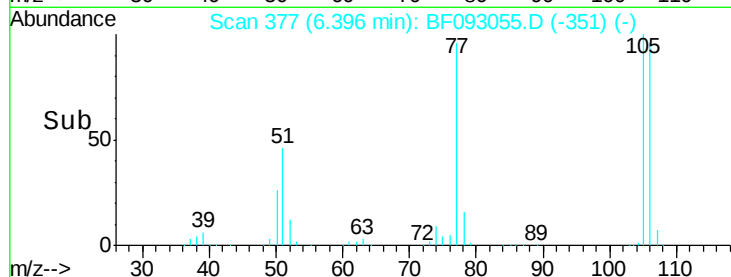
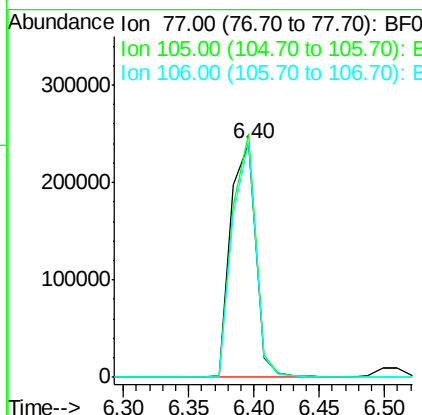
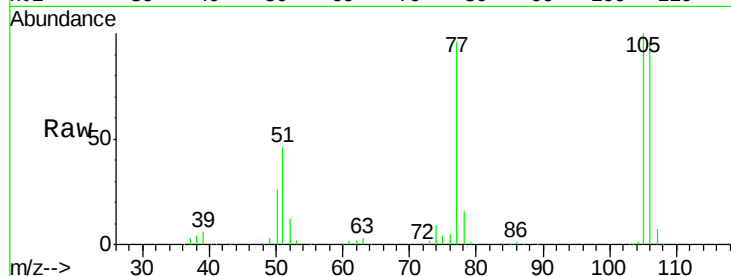




#9
Benzaldehyde
Concen: 35.01 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

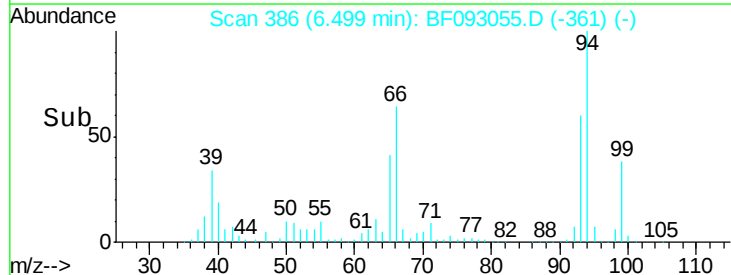
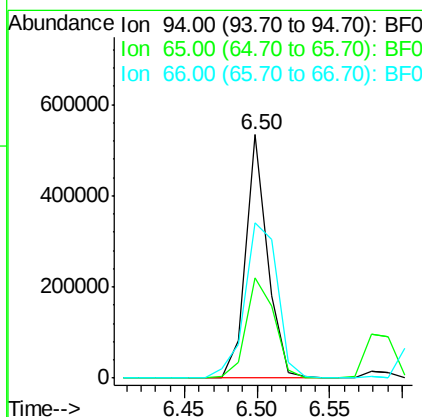
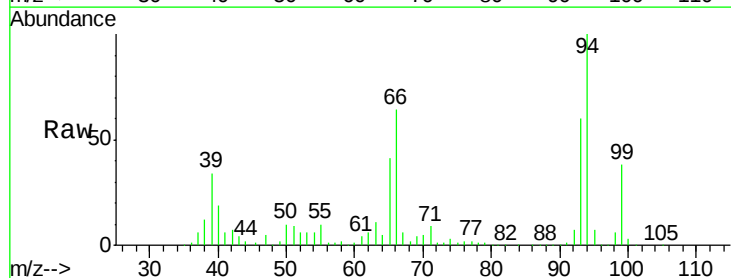
Instrument :
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Tgt Ion: 77 Resp: 320249
Ion Ratio Lower Upper
77 100
105 104.1 83.9 123.9
106 100.1 77.6 117.6



#10
Phenol
Concen: 37.51 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion: 94 Resp: 560469
Ion Ratio Lower Upper
94 100
65 41.2 21.4 61.4
66 63.8 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 41.73 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

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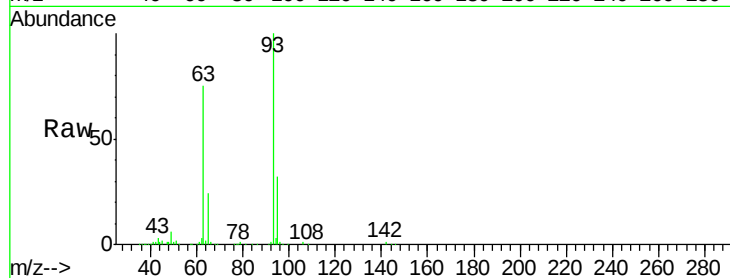
Tgt Ion: 93 Resp: 497639

Ion Ratio Lower Upper

93 100

63 75.2 60.4 100.4

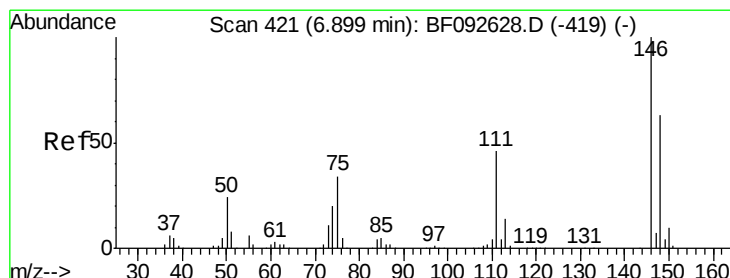
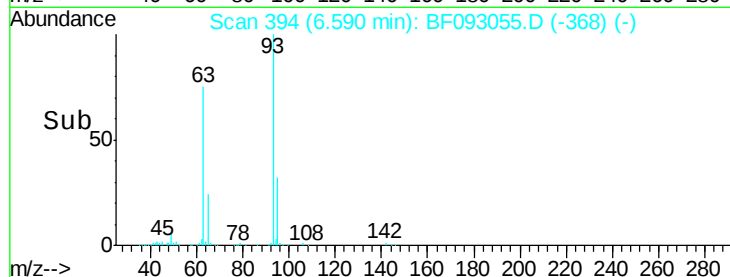
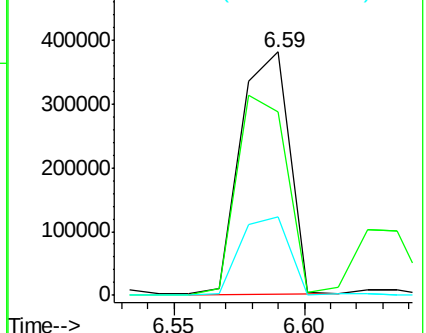
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.49 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.23 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

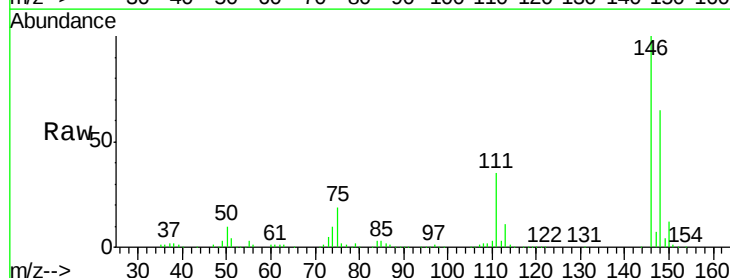
Tgt Ion: 146 Resp: 467913

Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

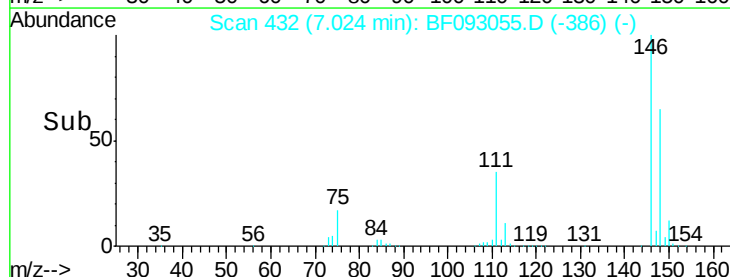
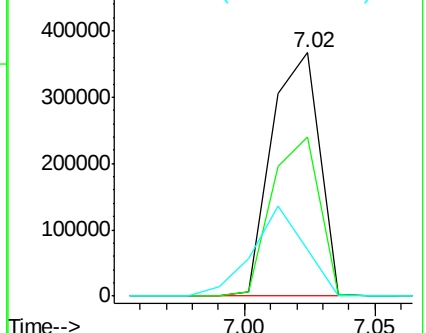
75 18.9 18.5 27.7

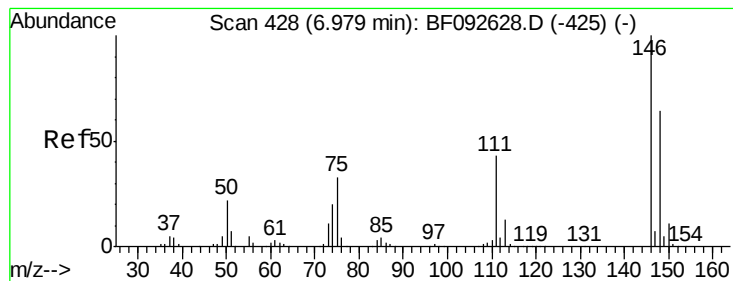


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.59 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

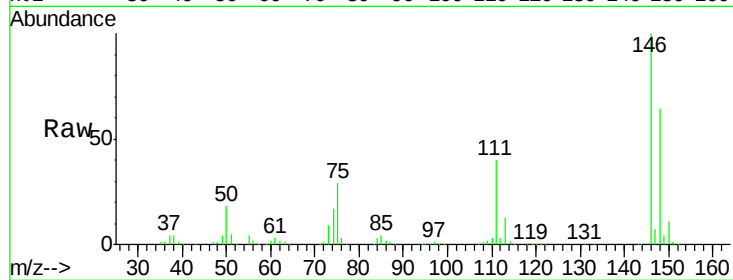
Tgt Ion:146 Resp: 552817

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

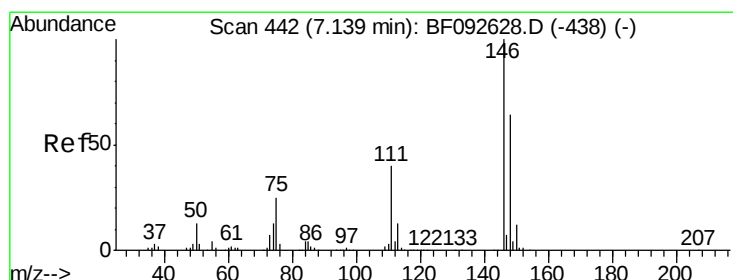
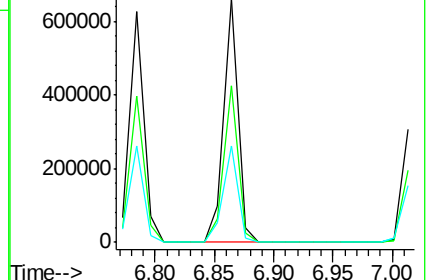
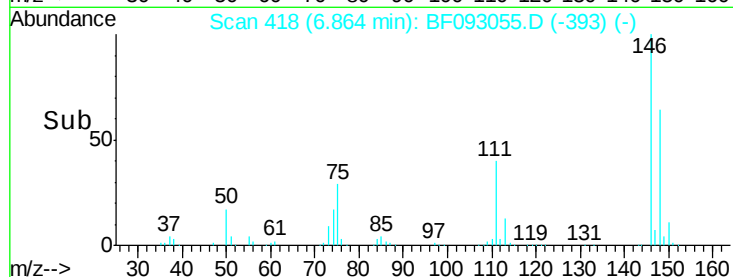
111 39.7 36.2 54.4



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: 44.54 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.16 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

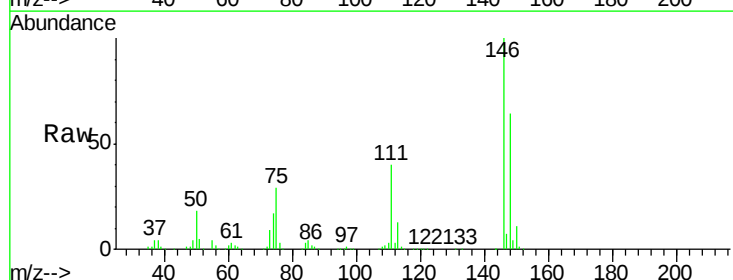
Tgt Ion:146 Resp: 552817

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

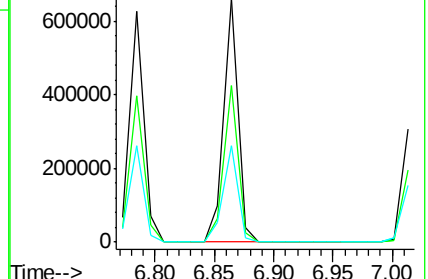
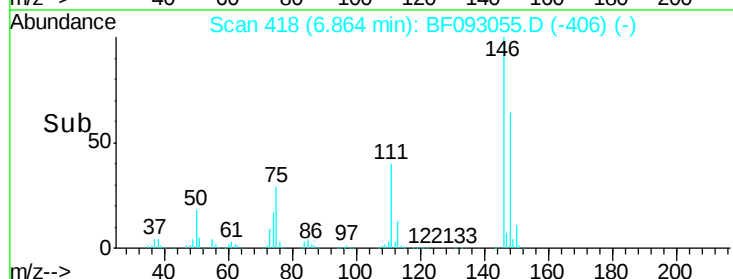
111 39.7 36.2 54.2

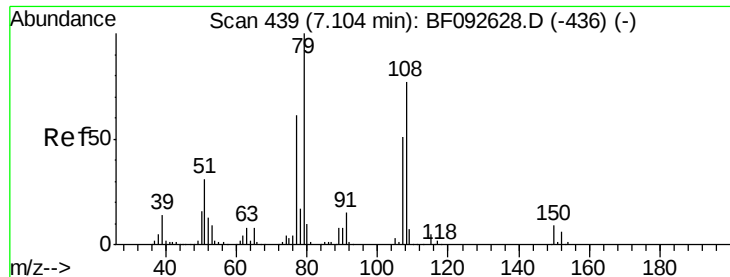


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.27 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

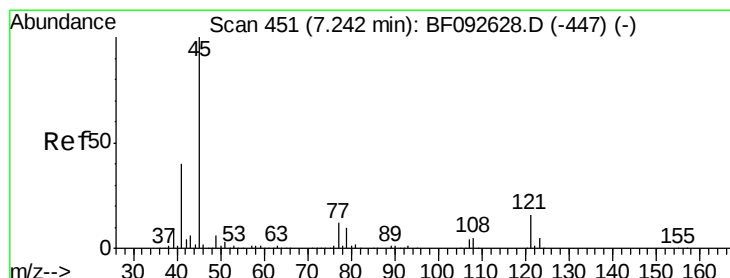
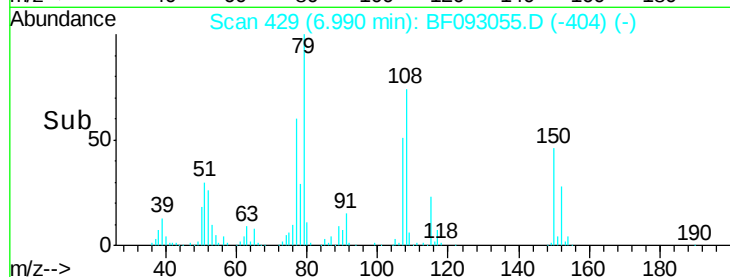
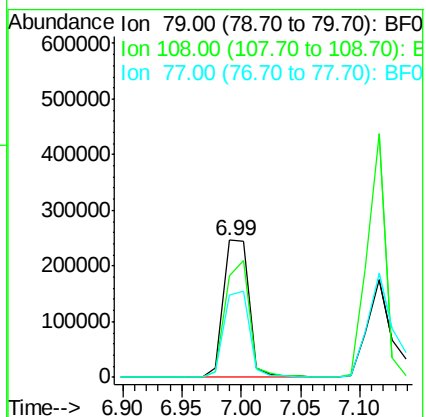
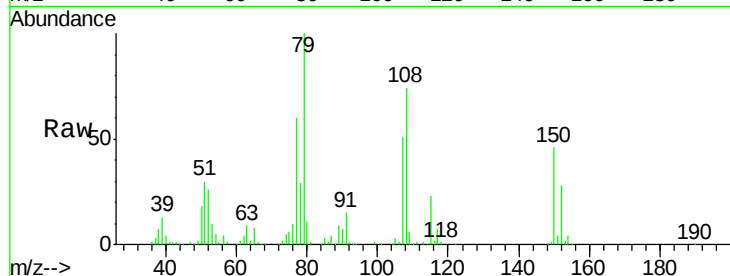
Tgt Ion: 79 Resp: 371213

Ion Ratio Lower Upper

79 100

108 73.5 61.4 92.0

77 59.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.86 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

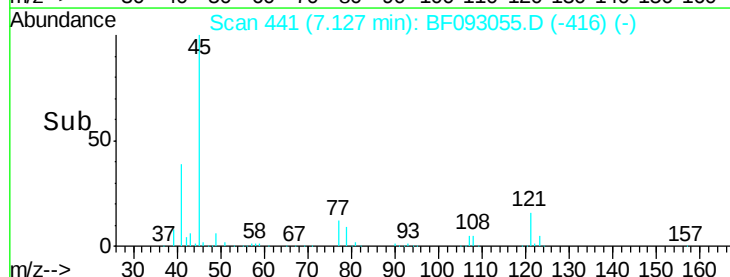
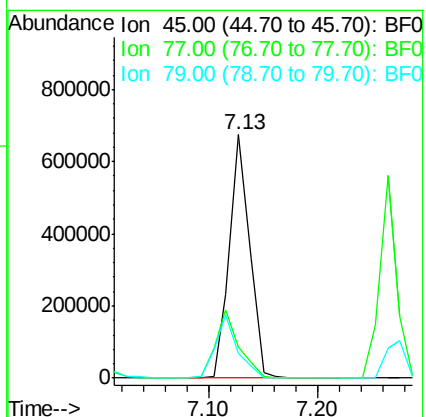
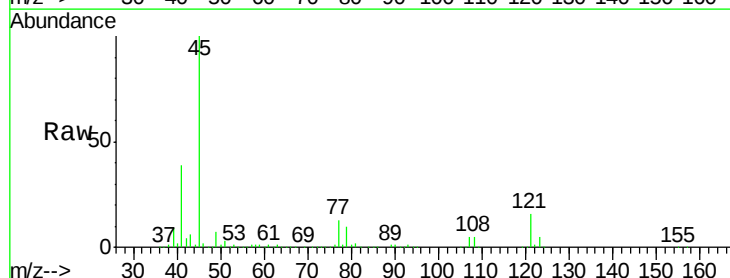
Tgt Ion: 45 Resp: 867252

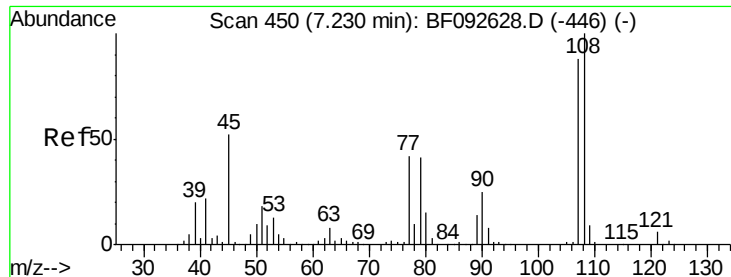
Ion Ratio Lower Upper

45 100

77 13.0 0.0 34.6

79 10.0 0.0 31.2

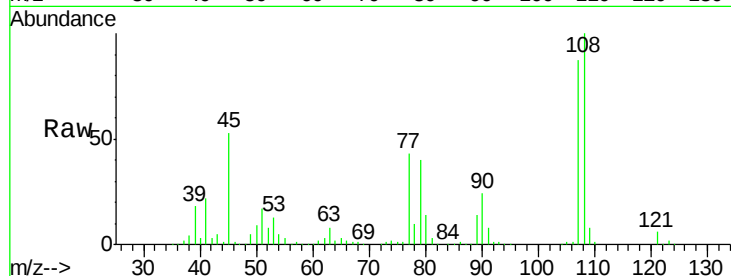




#17
2-Methylphenol
Concen: 43.38 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.0	139.6
77	49.3	39.8	59.8
79	46.2	38.0	57.0



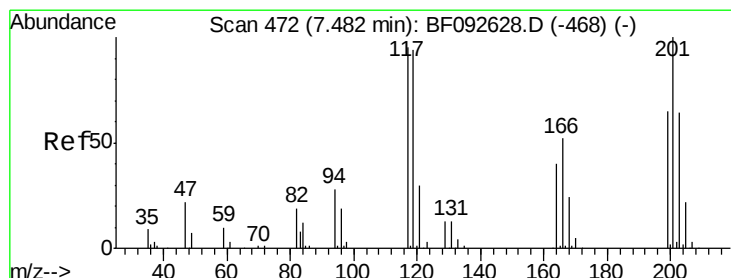
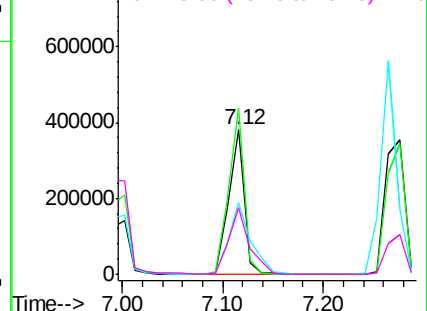
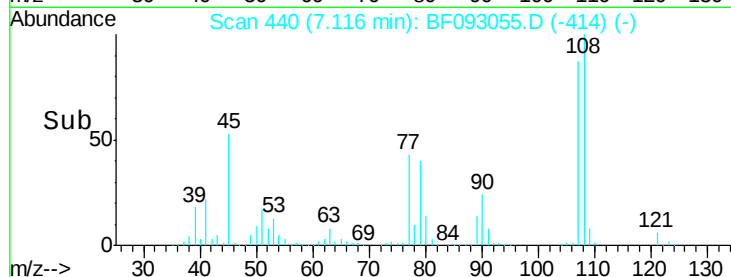
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

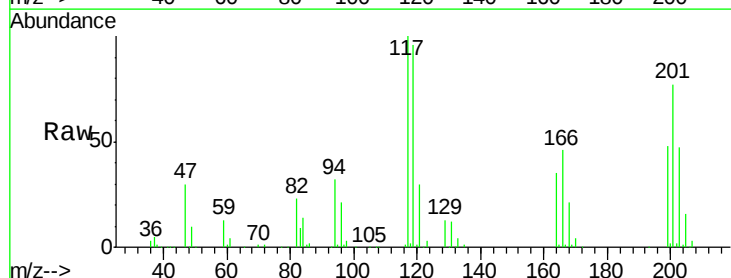
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.20 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	76.9	78.6	117.8#

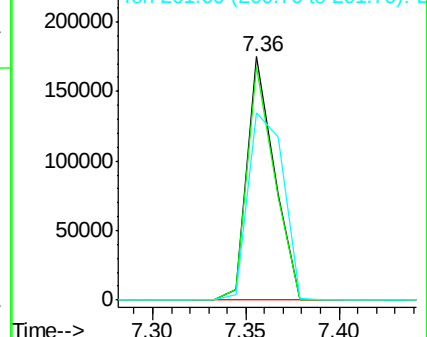
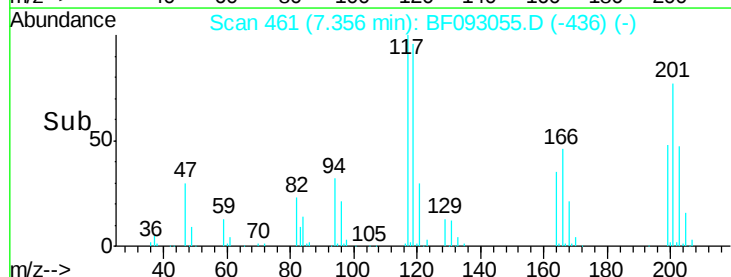


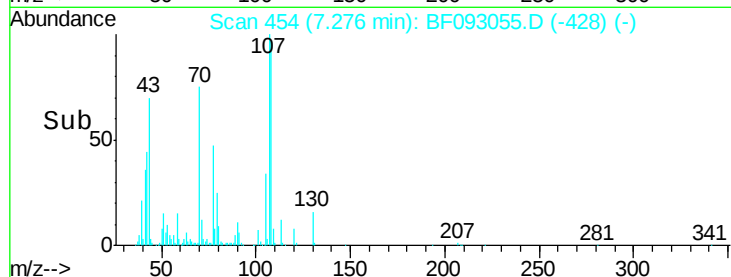
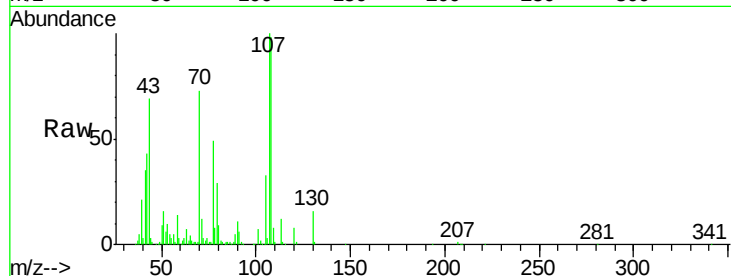
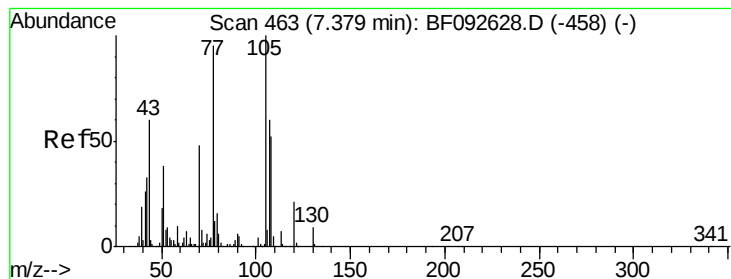
Abundance

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: 43.59 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 354309

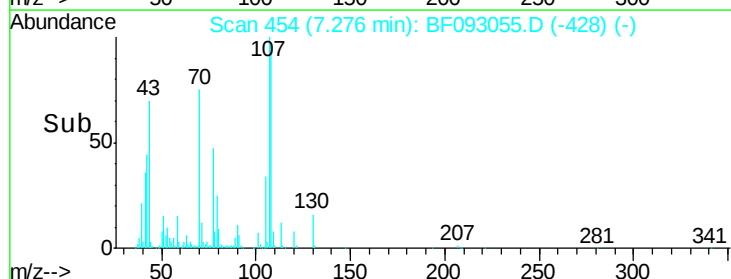
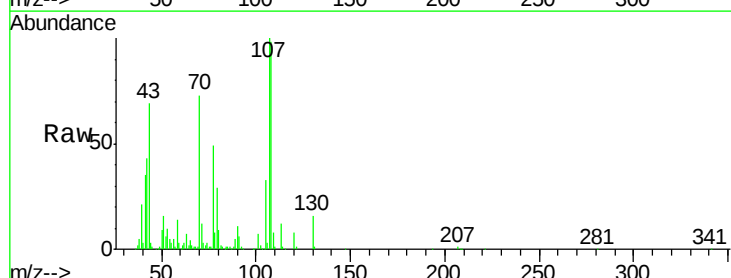
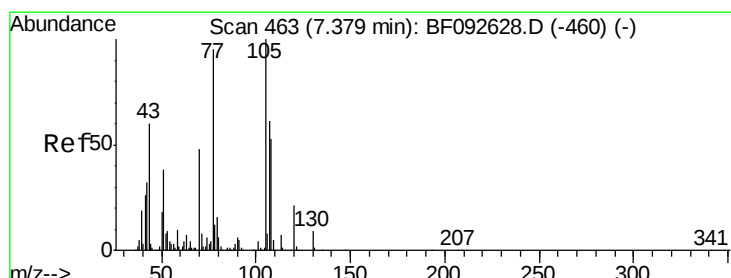
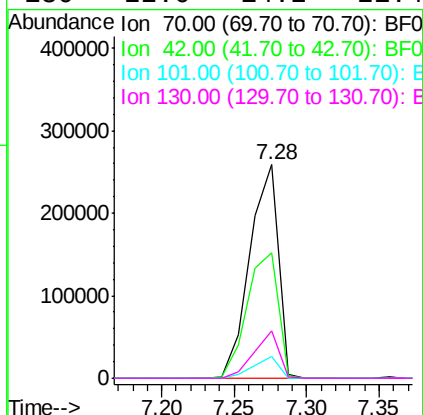
Ion Ratio Lower Upper

70 100

42 58.6 49.4 74.0

101 10.0 7.4 11.2

130 22.0 14.2 21.4#



#20

3+4-Methylphenols

Concen: 42.91 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Tgt Ion: 107 Resp: 481964

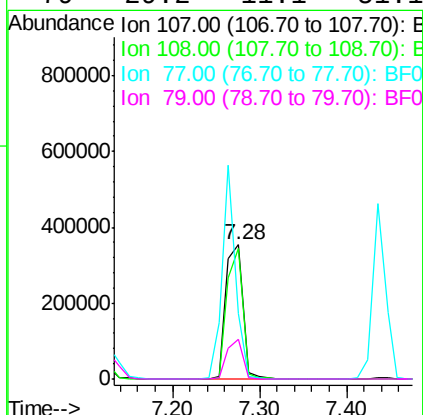
Ion Ratio Lower Upper

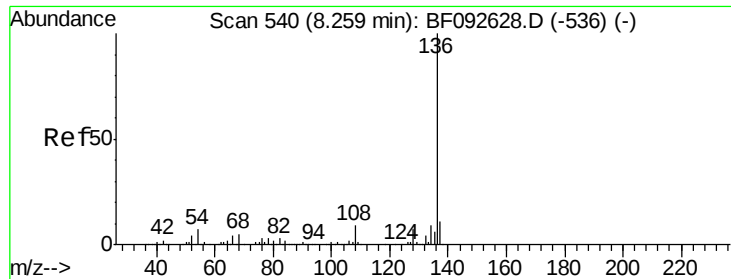
107 100

108 97.8 73.0 113.0

77 48.8 71.3 111.3#

79 29.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 667765

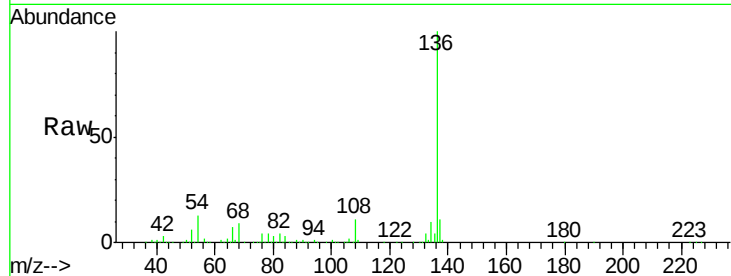
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.8 4.5 6.7#

68 8.8 3.6 5.4#

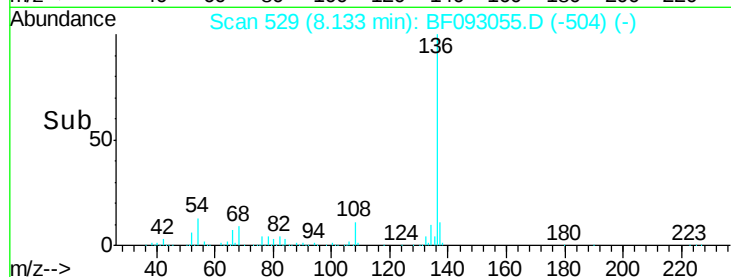


Abundance Ion 136.00 (135.70 to 136.70): E

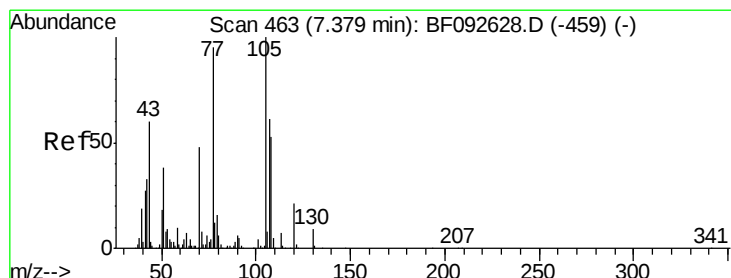
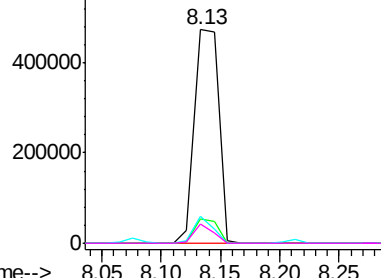
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.35 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Tgt Ion:105 Resp: 615184

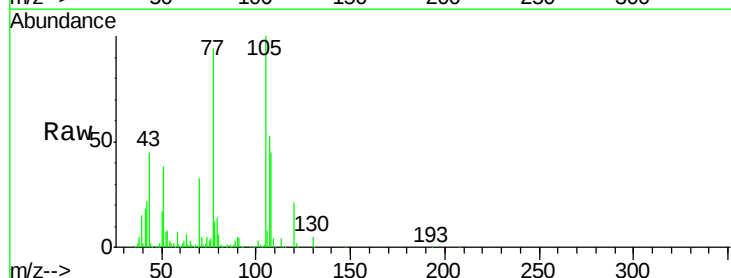
Ion Ratio Lower Upper

105 100

71 5.3 3.2 4.8#

51 37.6 26.2 39.4

120 21.3 16.6 24.8

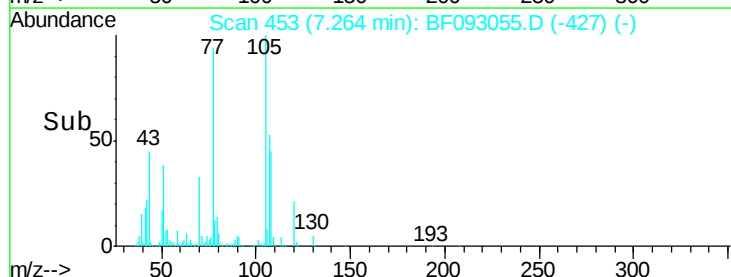


Abundance Ion 105.00 (104.70 to 105.70): E

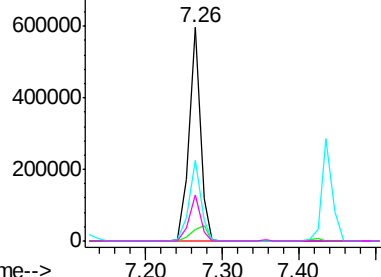
Ion 71.00 (70.70 to 71.70): BF0

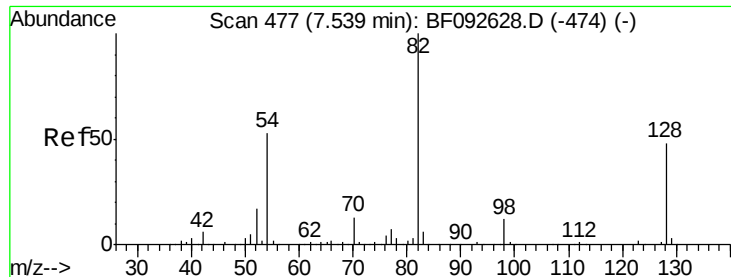
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

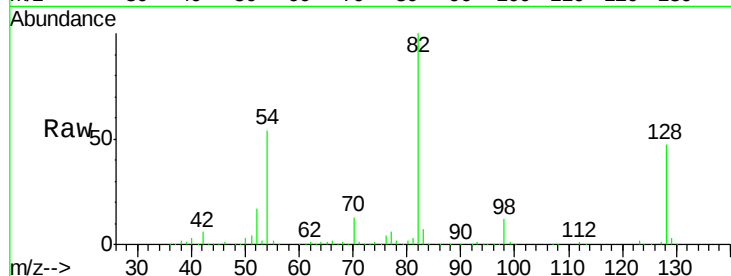




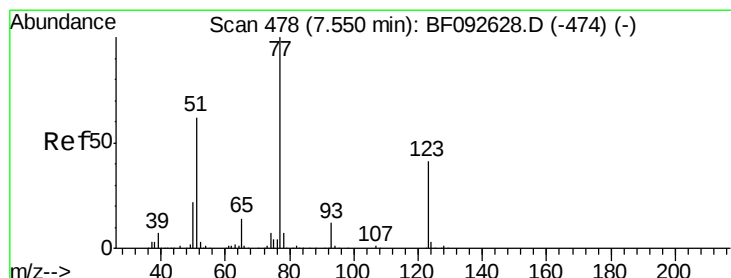
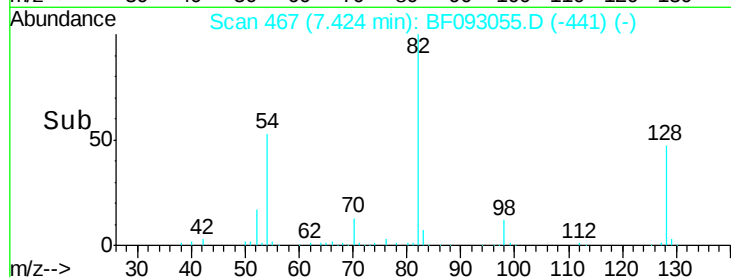
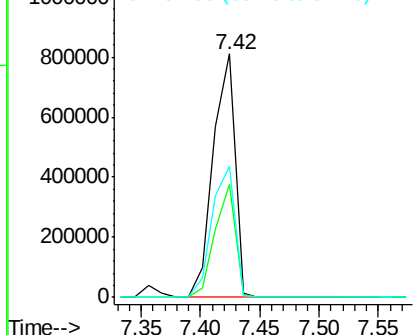
#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1027374
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.6 52.0
 54 53.5 39.5 59.3

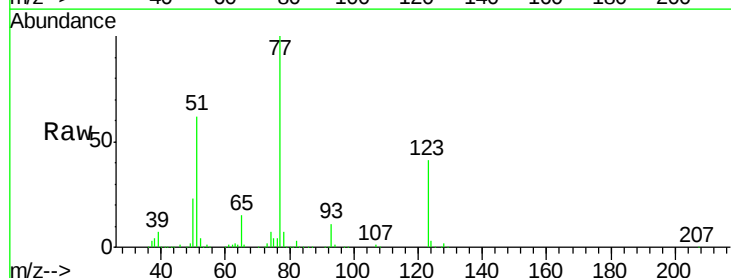


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

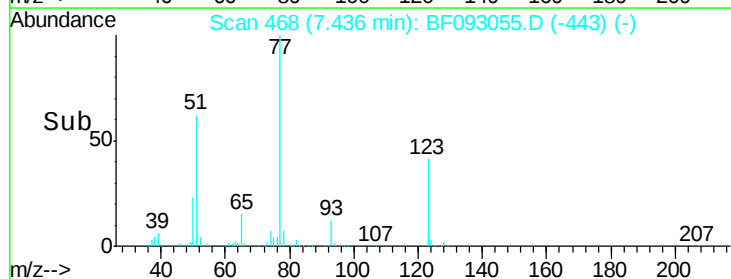
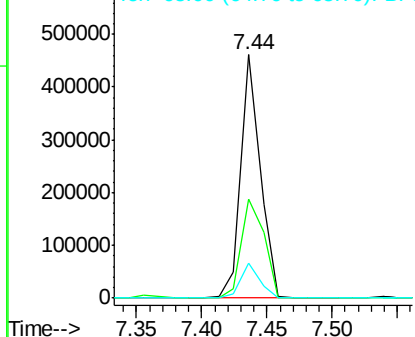


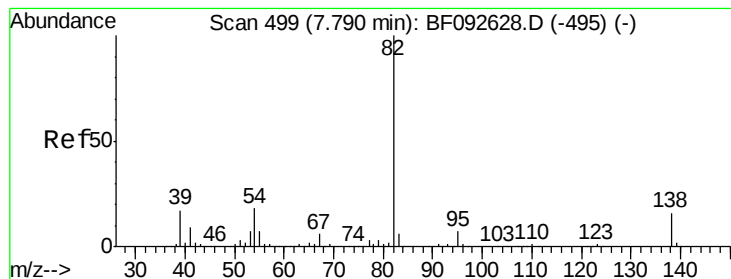
#24
 Nitrobenzene
 Concen: 38.70 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion: 77 Resp: 476484
 Ion Ratio Lower Upper
 77 100
 123 40.8 33.0 49.4
 65 14.5 11.2 16.8



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





#25

Isophorone

Concen: 42.15 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

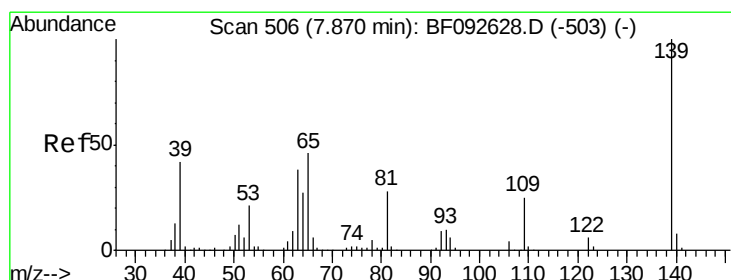
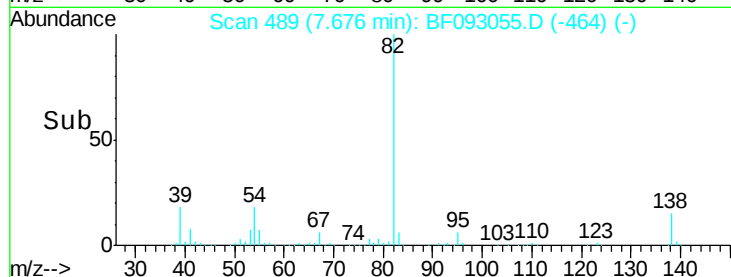
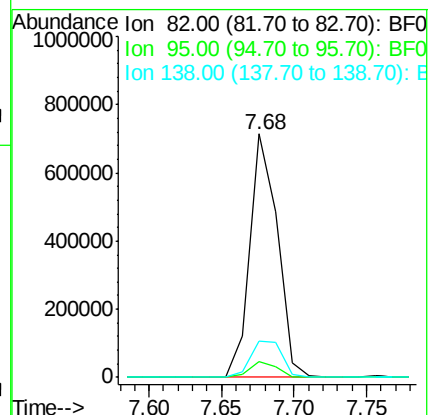
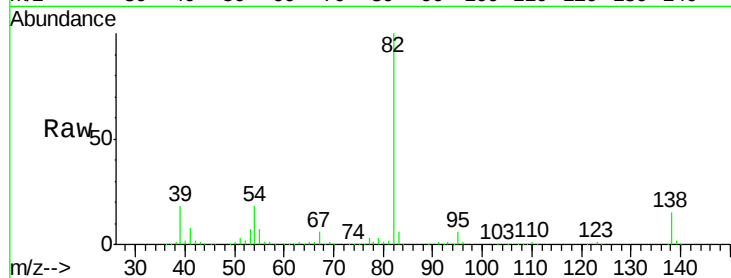
Tgt Ion: 82 Resp: 941839

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 14.9 14.6 22.0



#26

2-Nitrophenol

Concen: 45.15 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

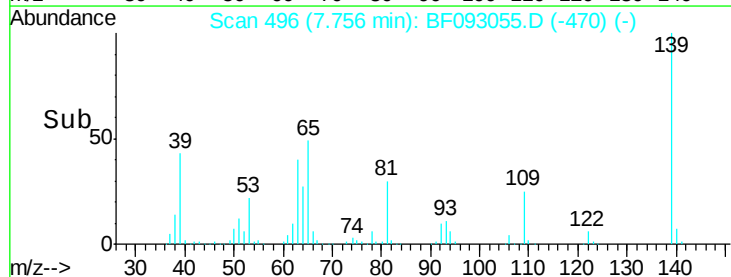
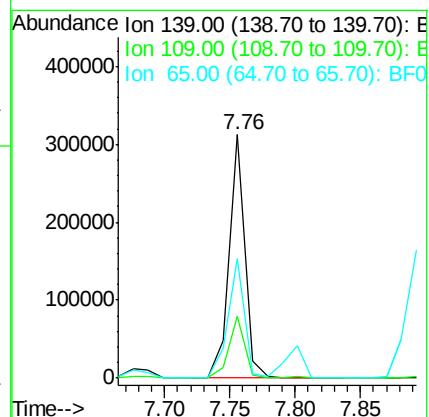
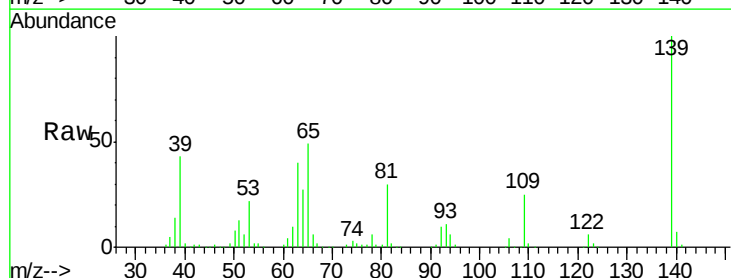
Tgt Ion: 139 Resp: 264270

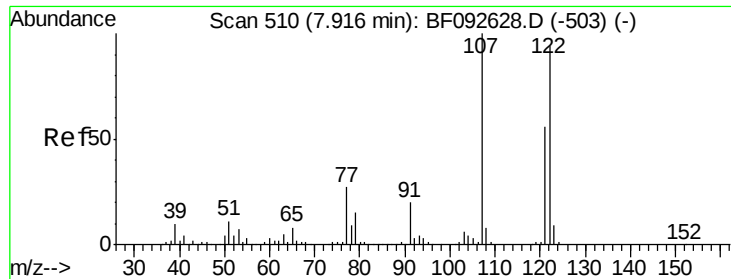
Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

65 49.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 43.96 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

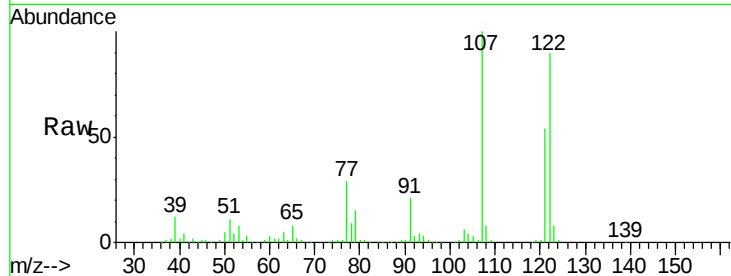
Tgt Ion:122 Resp: 451889

Ion Ratio Lower Upper

122 100

107 111.1 94.1 141.1

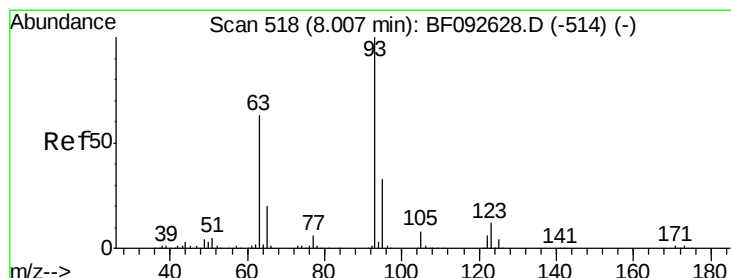
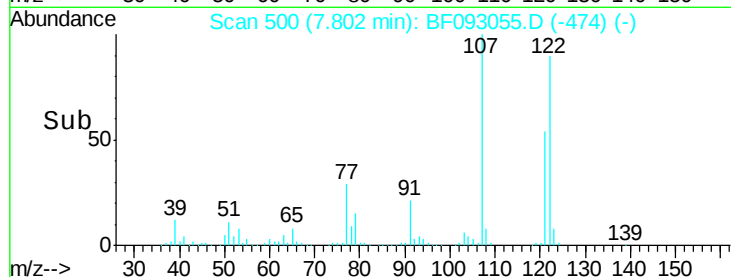
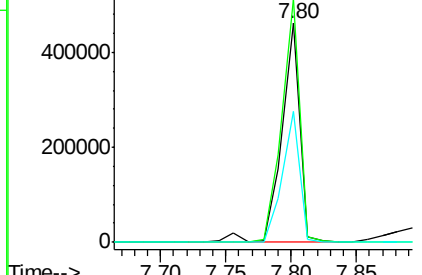
121 59.5 46.0 69.0



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: 45.19 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

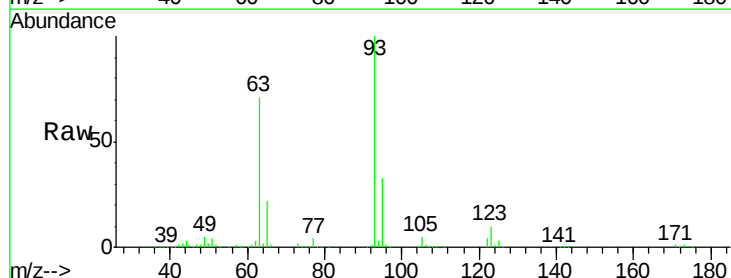
Tgt Ion: 93 Resp: 668775

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

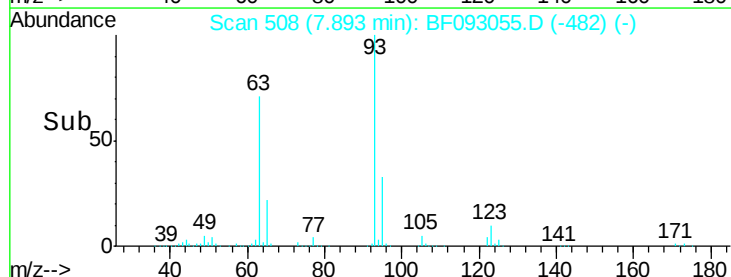
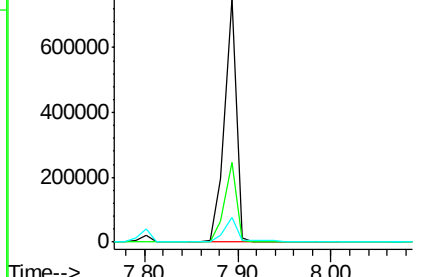
123 10.4 8.6 13.0

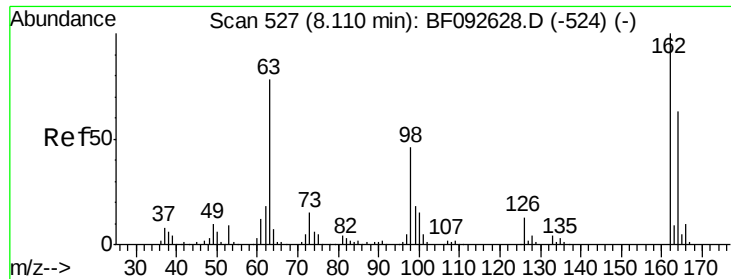


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

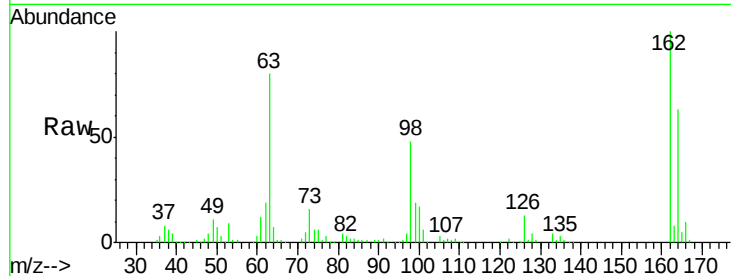




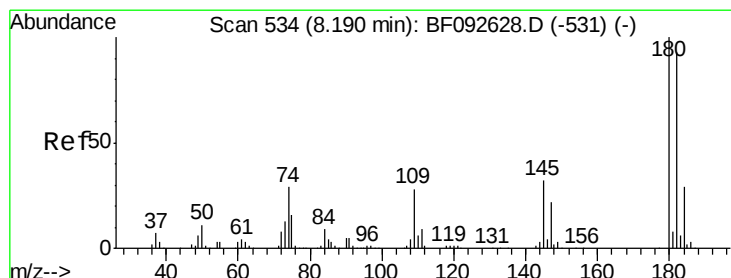
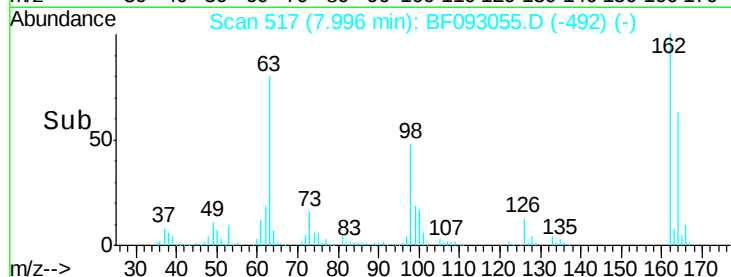
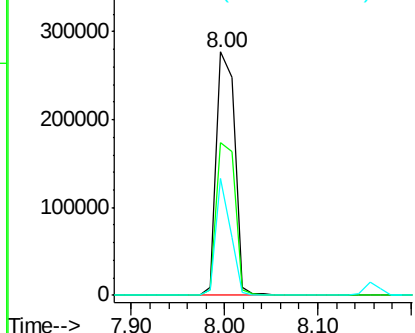
#29
 2,4-Dichlorophenol
 Concen: 39.35 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 377203
 Ion Ratio Lower Upper
 162 100
 164 62.7 46.8 86.8
 98 47.9 9.1 49.1

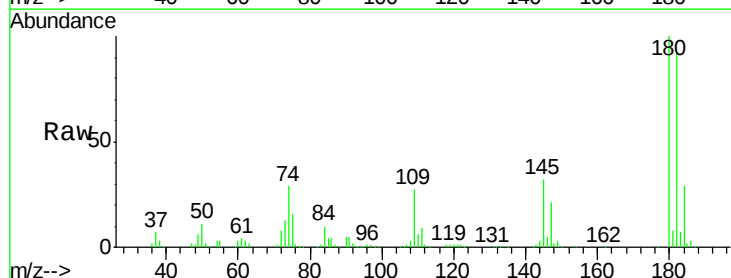


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

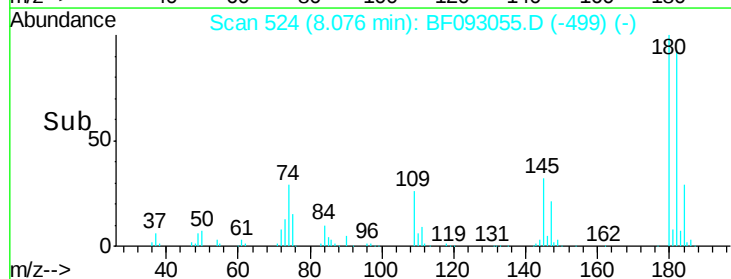
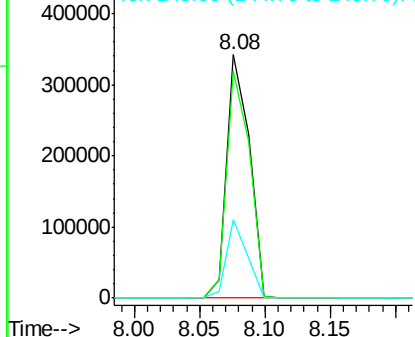


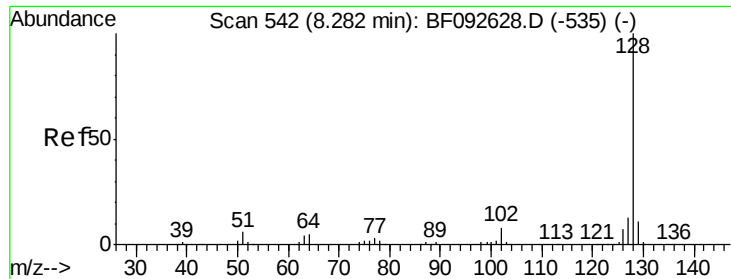
#30
 1,2,4-Trichlorobenzene
 Concen: 40.04 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:180 Resp: 413621
 Ion Ratio Lower Upper
 180 100
 182 93.1 78.2 117.4
 145 32.3 21.6 32.4



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

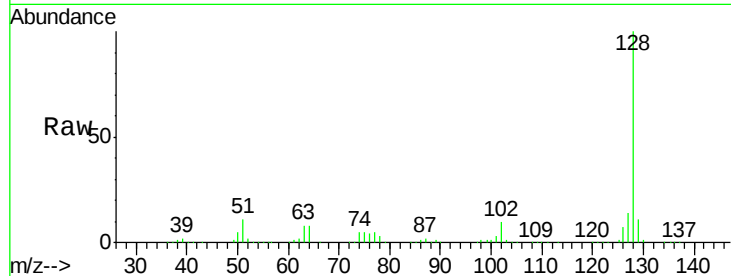




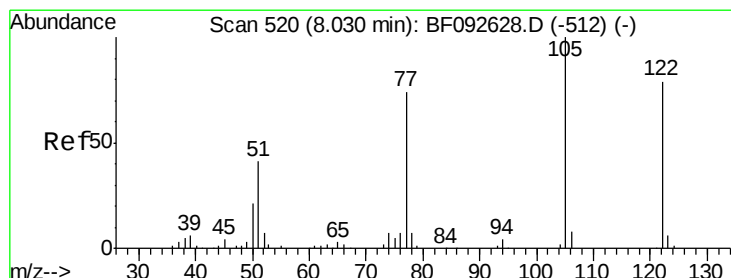
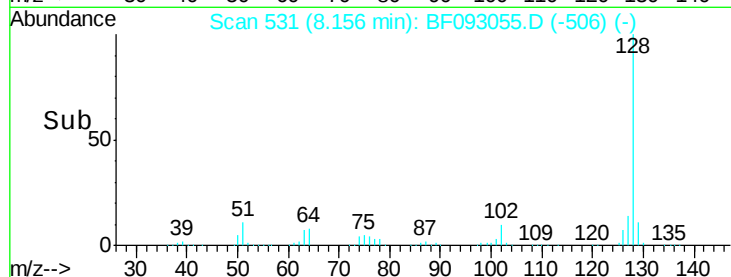
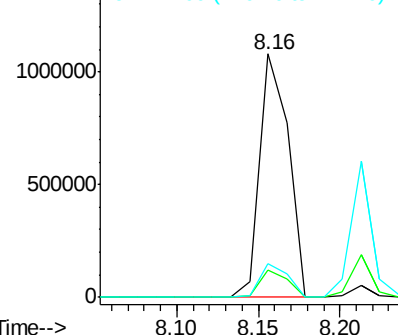
#31
Naphthalene
Concen: 39.17 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1325970
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.8 10.8 16.2

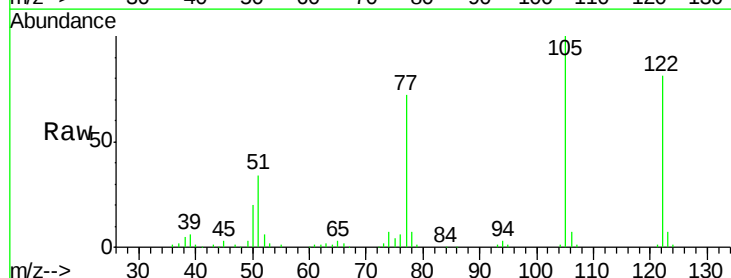


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

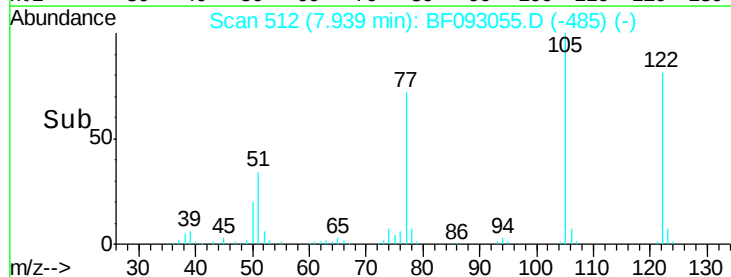
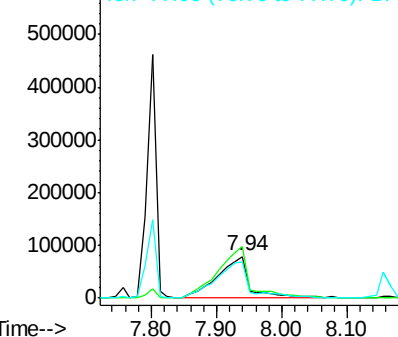


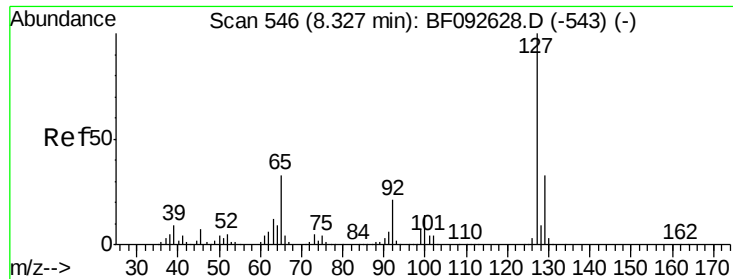
#32
Benzoic acid
Concen: 44.65 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:122 Resp: 256609
Ion Ratio Lower Upper
122 100
105 123.0 107.2 147.2
77 88.2 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

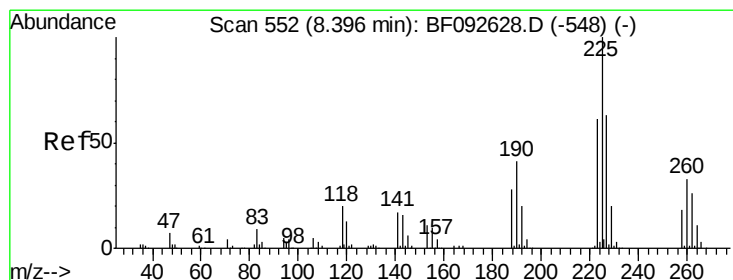
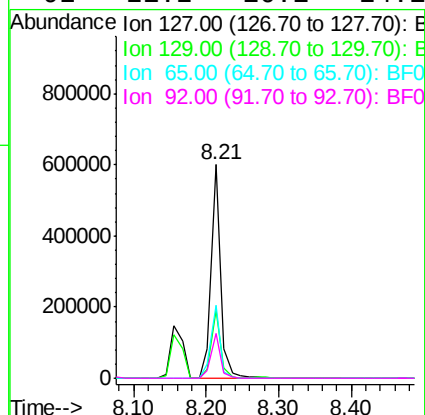
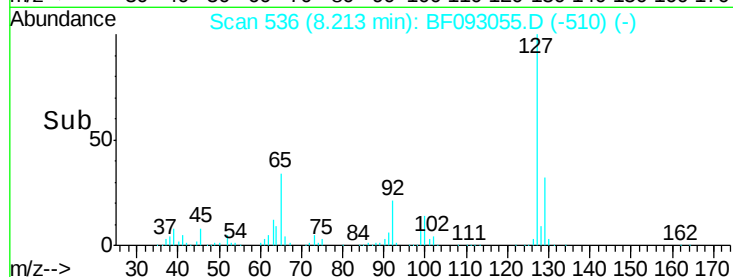
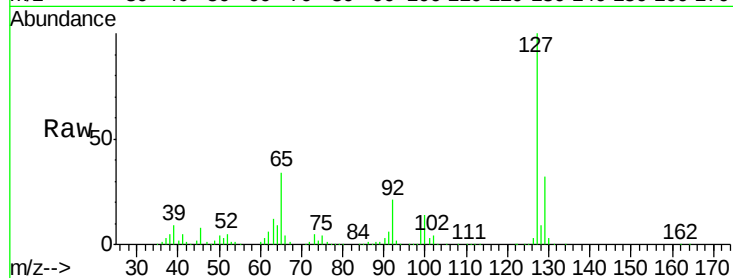




#33
4-Chloroaniline
Concen: 41.13 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

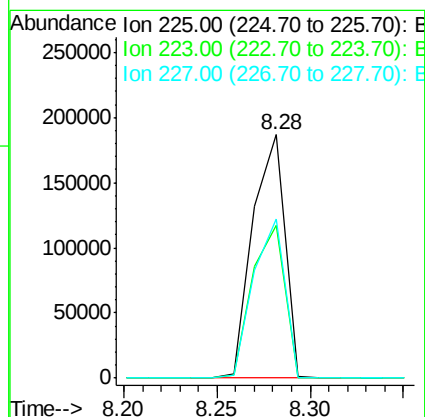
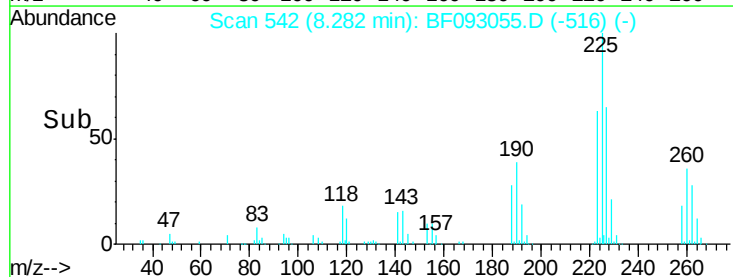
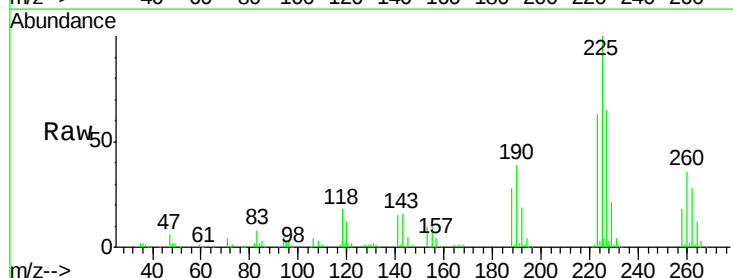
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

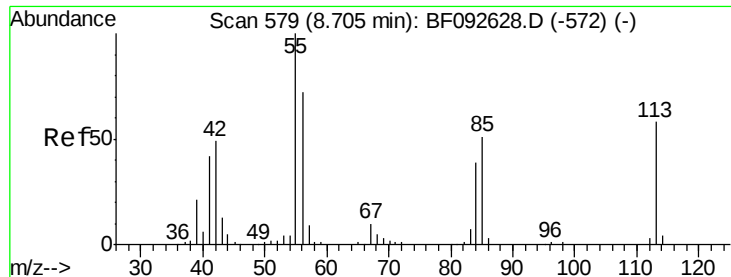
Tgt Ion:	127	Resp:	546004
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	33.9	25.8	38.8
92	21.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.97 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:	225	Resp:	221511
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	65.2	50.6	76.0

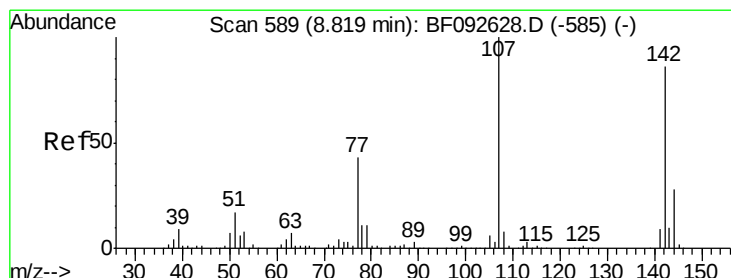
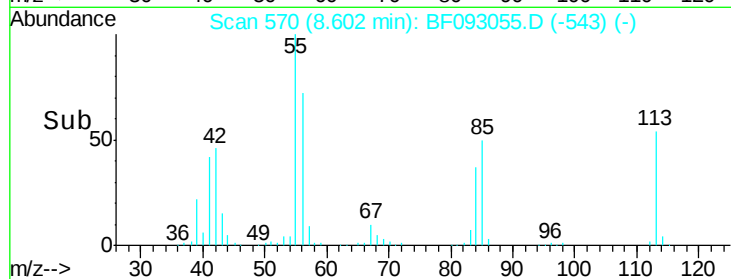
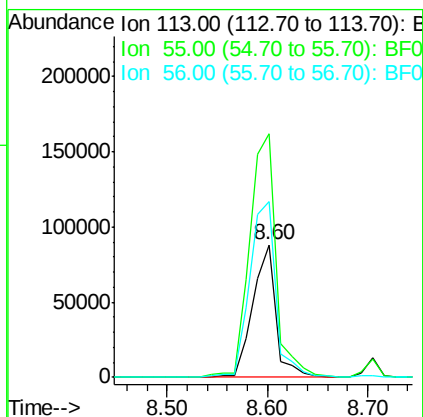
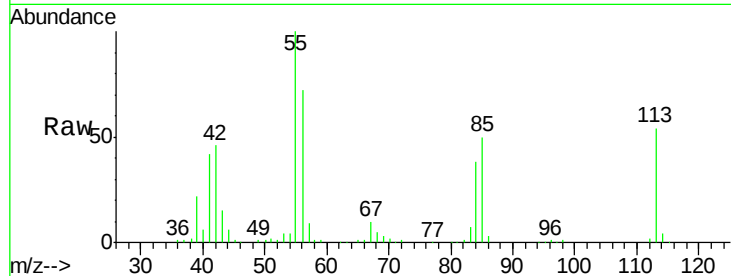




#35
 Caprolactam
 Concen: 46.59 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

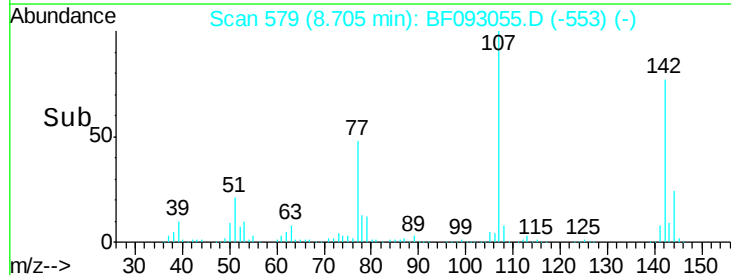
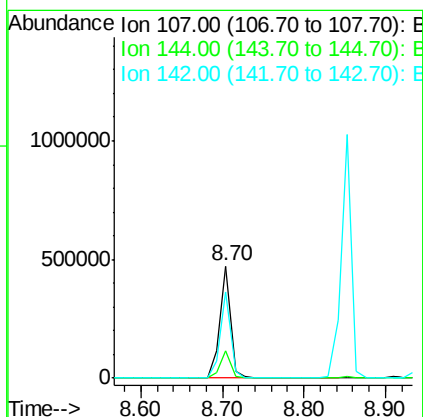
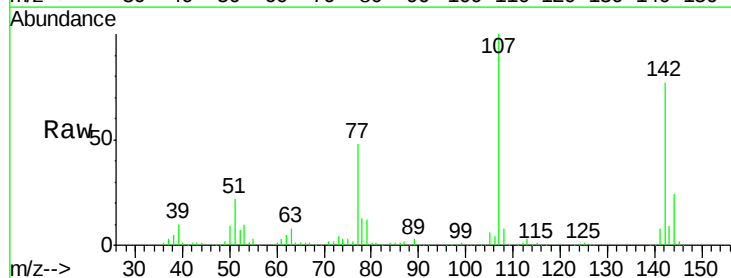
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

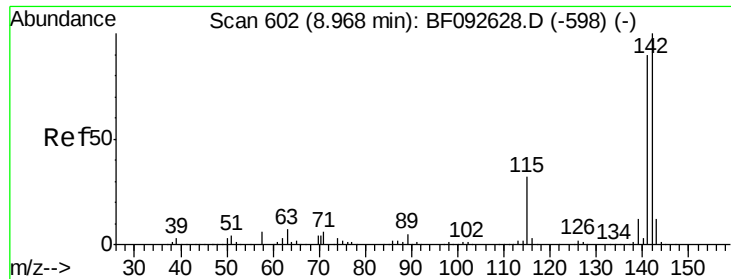
Tgt Ion:113 Resp: 140498
 Ion Ratio Lower Upper
 113 100
 55 184.1 119.2 159.2#
 56 132.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.13 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:107 Resp: 431049
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 76.6 59.0 88.6

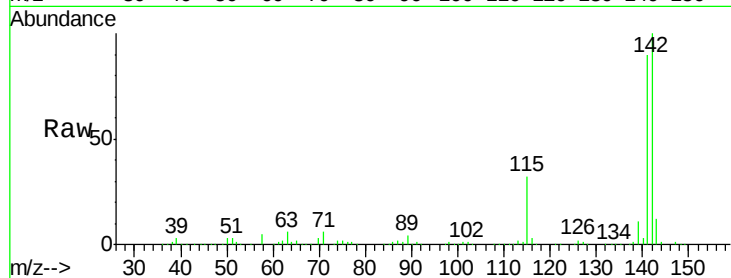




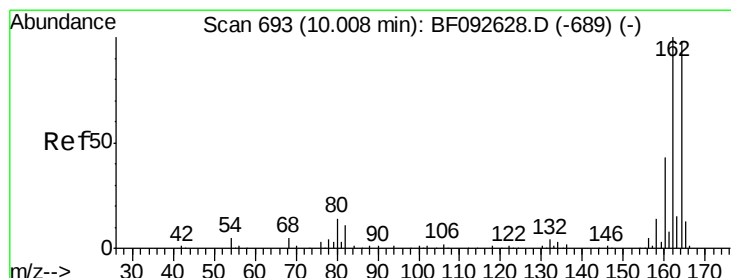
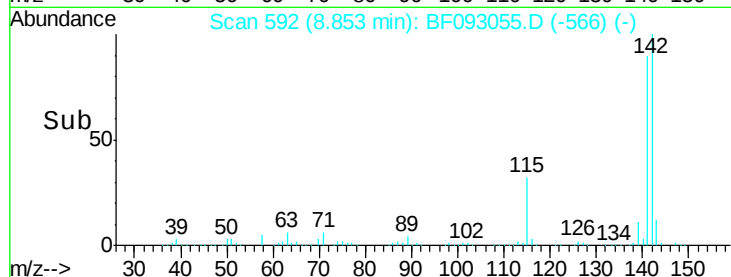
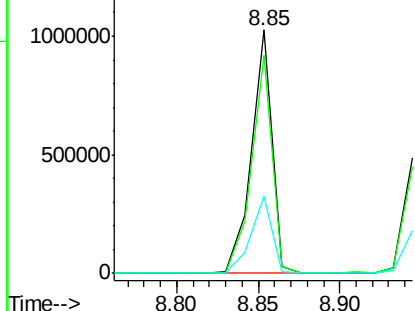
#37
2-Methylnaphthalene
Concen: 41.32 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 897979
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 31.9 28.3 42.5

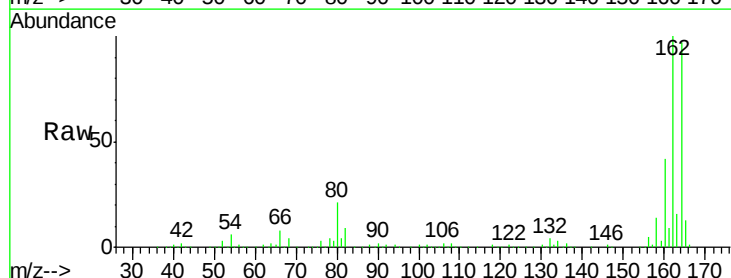


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

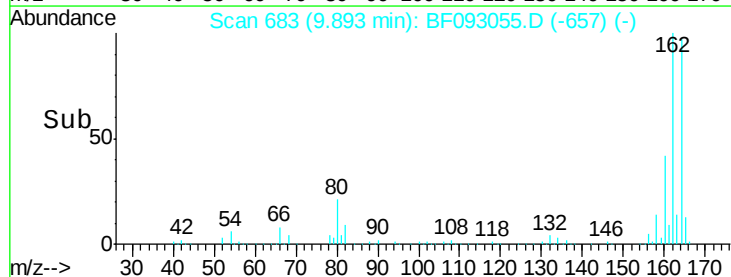
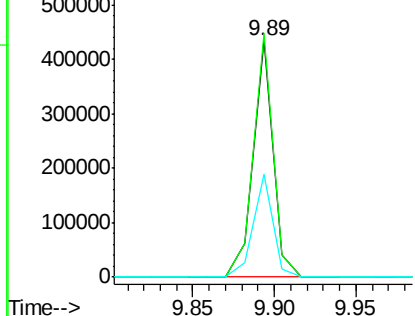


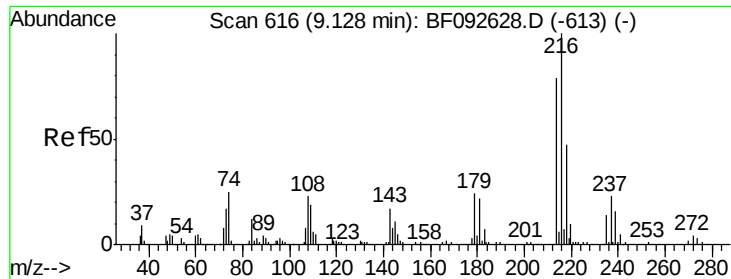
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:164 Resp: 368565
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 43.3 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

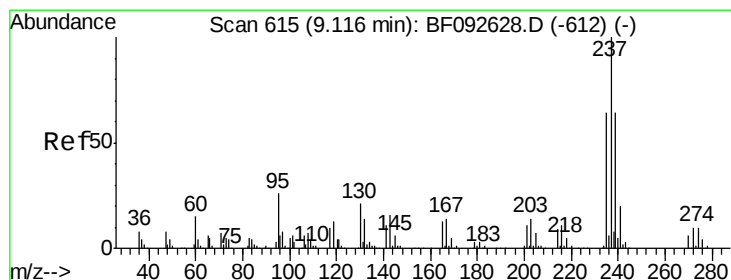
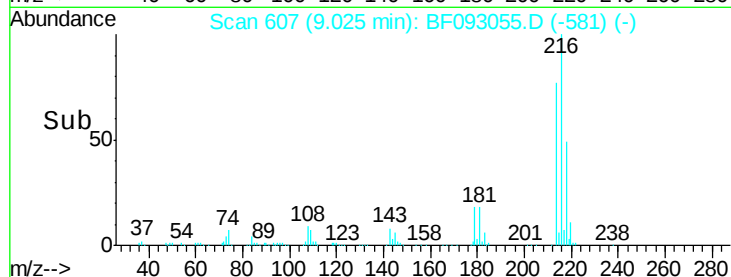
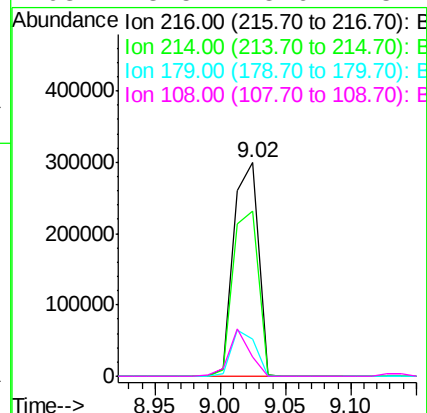
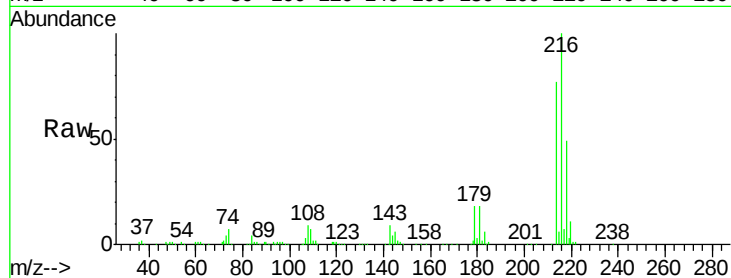




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.11 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

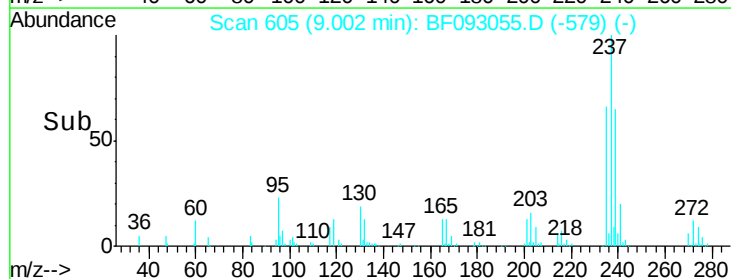
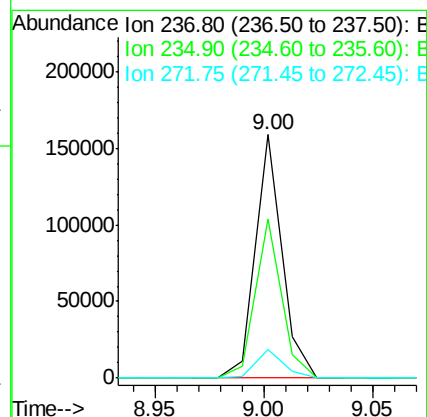
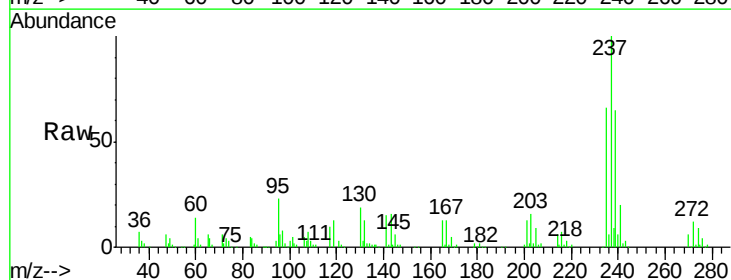
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	394308
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	21.1	17.4	26.2
108	18.5	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 28.92 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:	237	Resp:	134999
Ion	Ratio	Lower	Upper
237	100		
235	65.6	41.2	81.2
272	12.0	0.0	35.4

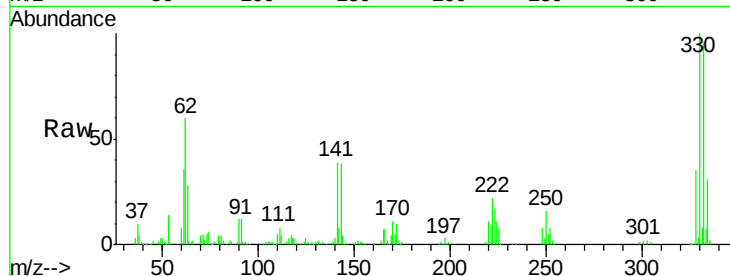




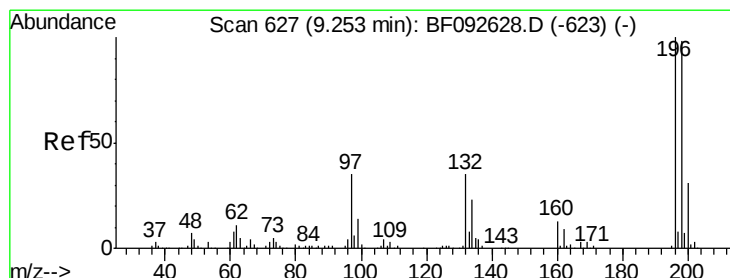
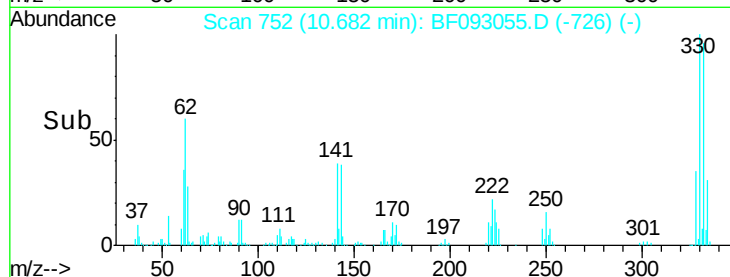
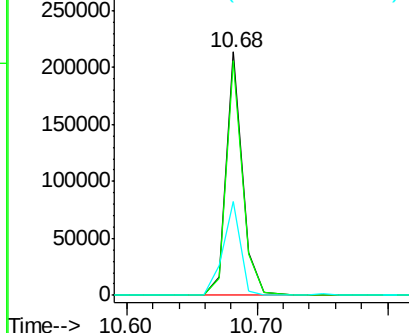
#41
 2,4,6-Tribromophenol
 Concen: 70.04 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 186699
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.9 34.1 51.1

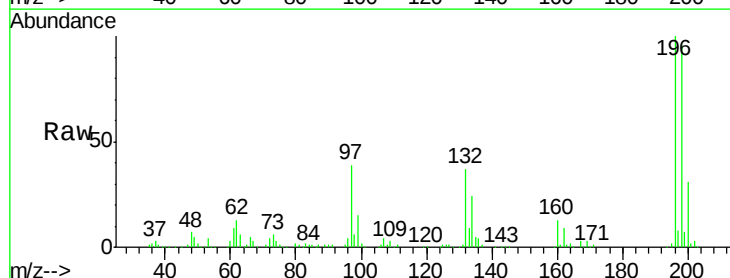


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

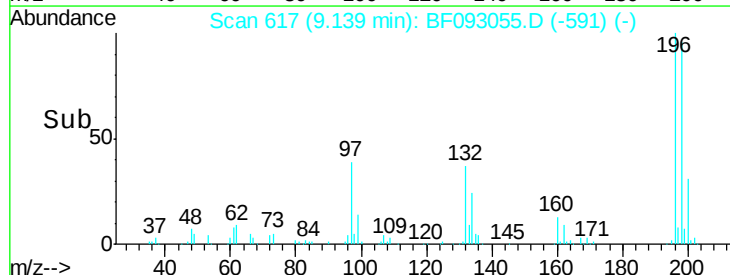
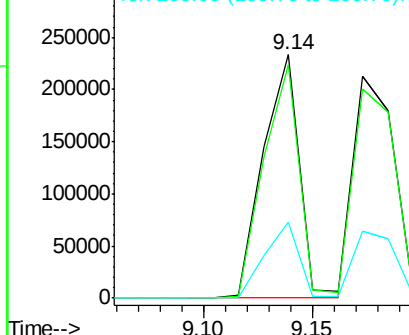


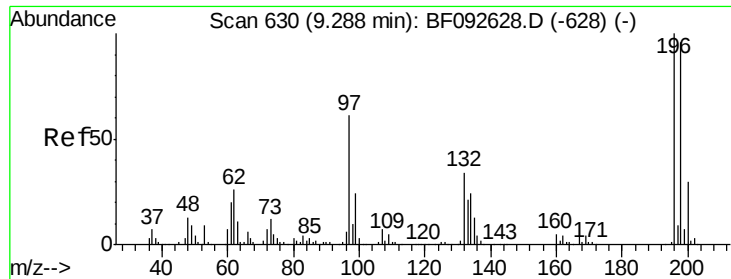
#42
 2,4,6-Trichlorophenol
 Concen: 39.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:196 Resp: 271235
 Ion Ratio Lower Upper
 196 100
 198 95.9 82.1 123.1
 200 31.0 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

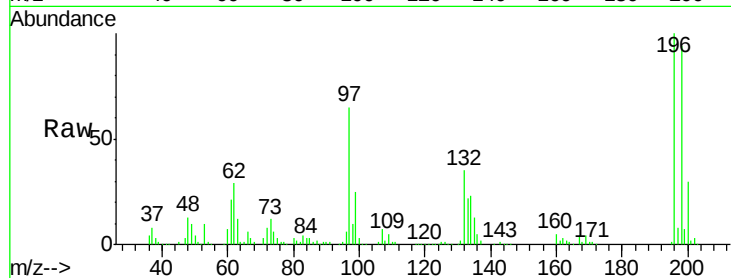




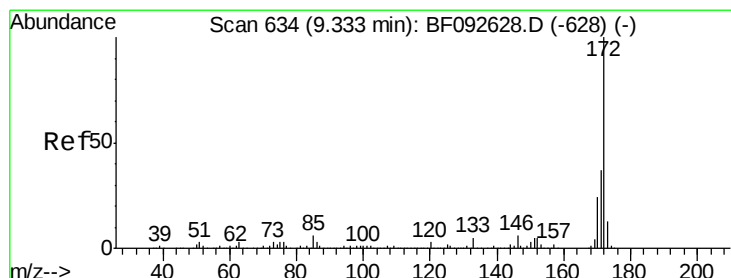
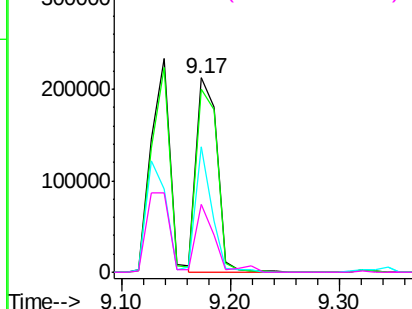
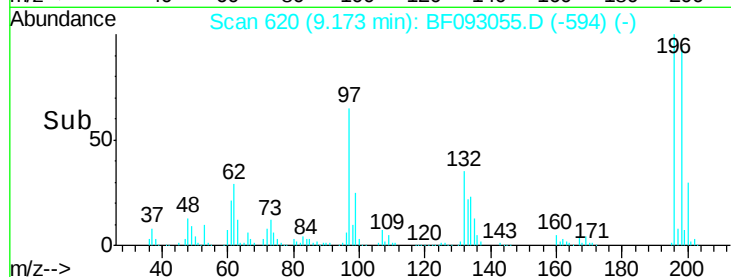
#43
 2,4,5-Trichlorophenol
 Concen: 37.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 282051
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.4 119.2
 97 64.8 51.5 77.3
 132 35.2 27.4 41.2

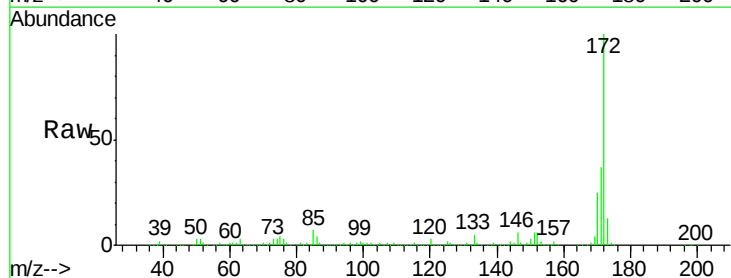


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

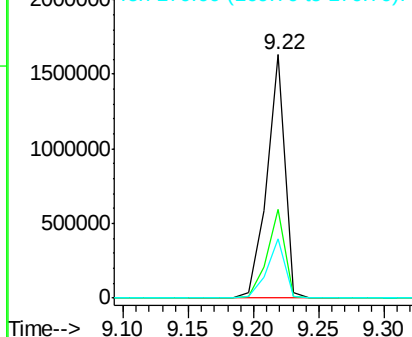
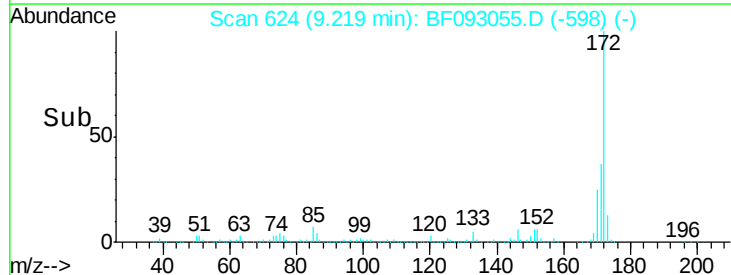


#44
 2-Fluorobiphenyl
 Concen: 77.48 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:172 Resp: 1576251
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 41.86 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

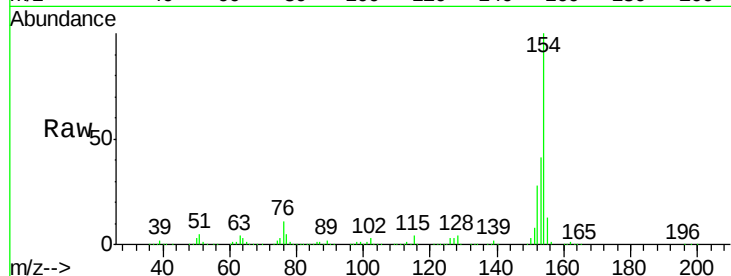
Tgt Ion:154 Resp: 1117037

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

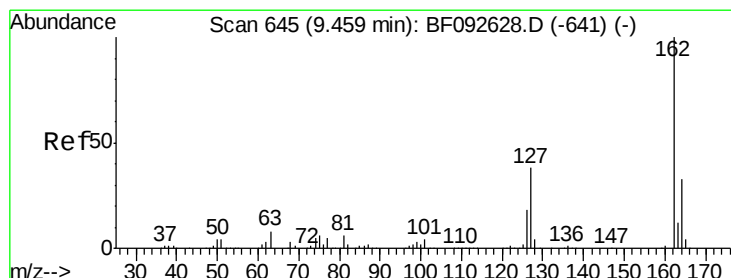
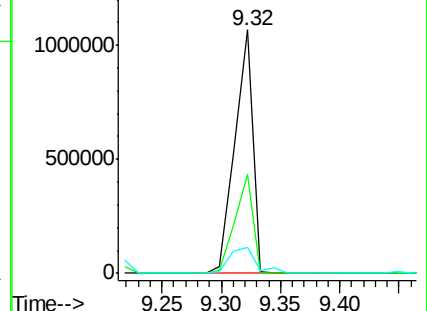
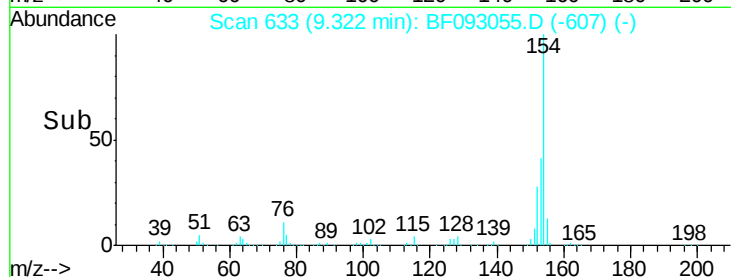
76 10.6 0.0 30.5



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: 42.01 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

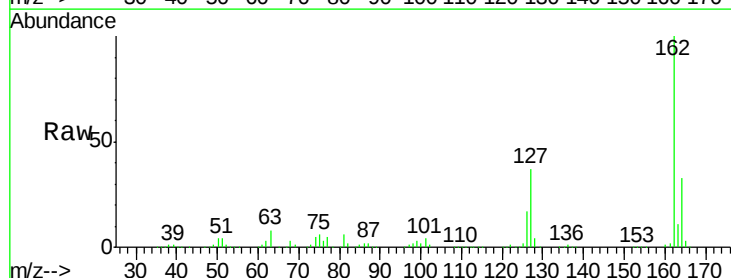
Tgt Ion:162 Resp: 877065

Ion Ratio Lower Upper

162 100

127 37.2 30.7 46.1

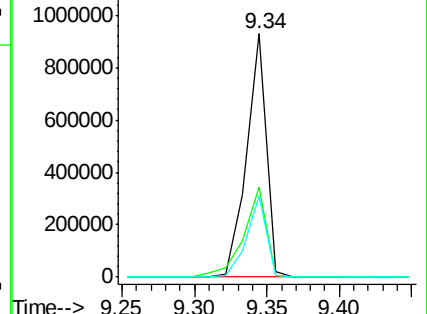
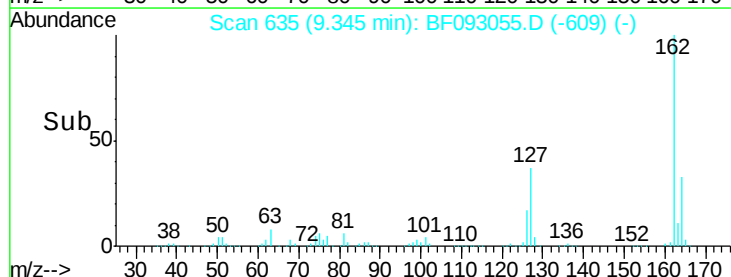
164 33.2 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

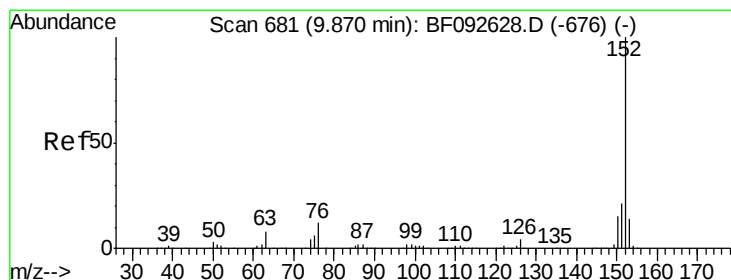
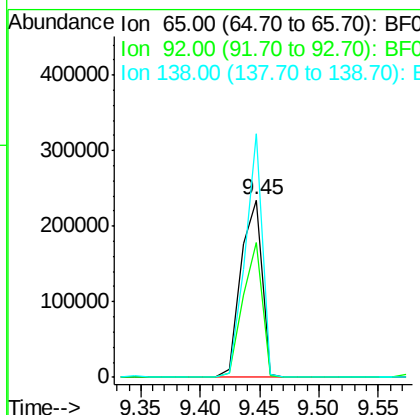
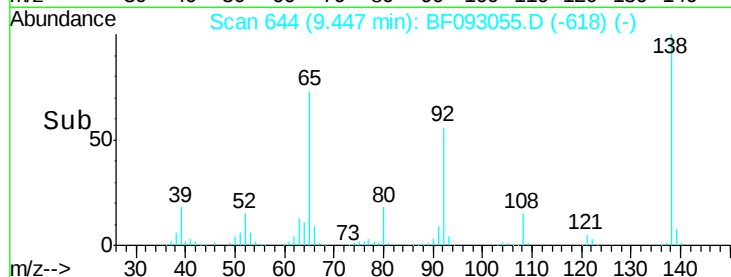
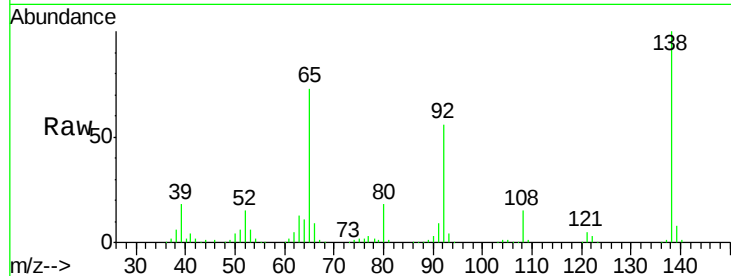




#47
2-Nitroaniline
Concen: 41.78 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

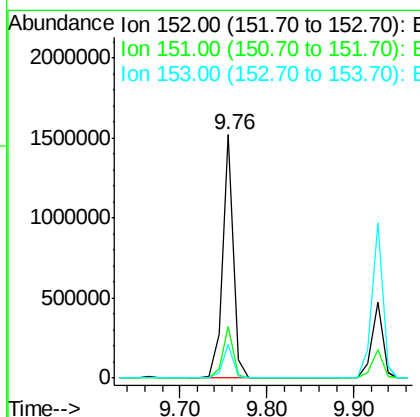
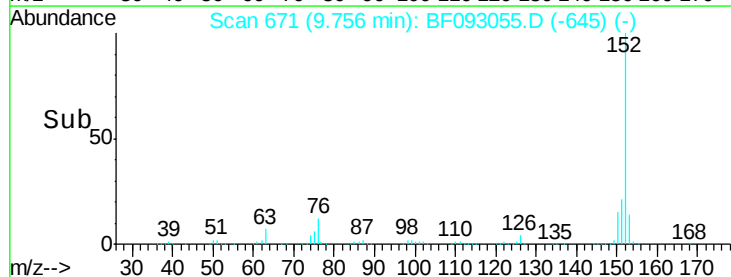
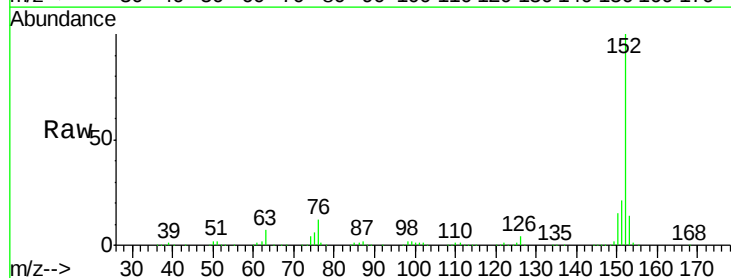
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

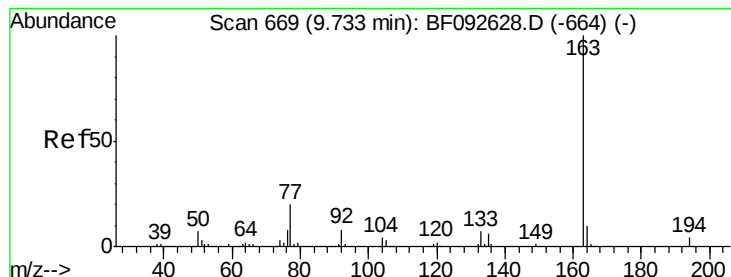
Tgt Ion: 65 Resp: 293300
Ion Ratio Lower Upper
65 100
92 76.3 53.9 80.9
138 137.4 76.8 115.2#



#48
Acenaphthylene
Concen: 36.57 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion: 152 Resp: 1318784
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 37.82 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

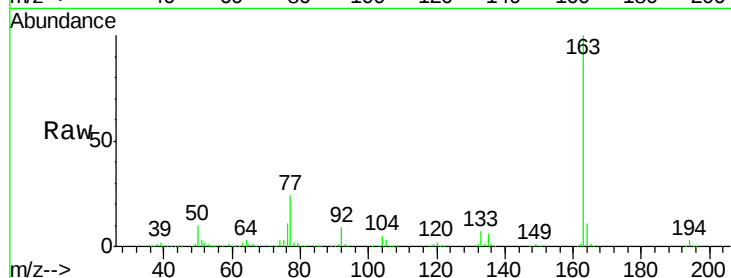
Tgt Ion:163 Resp: 938816

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

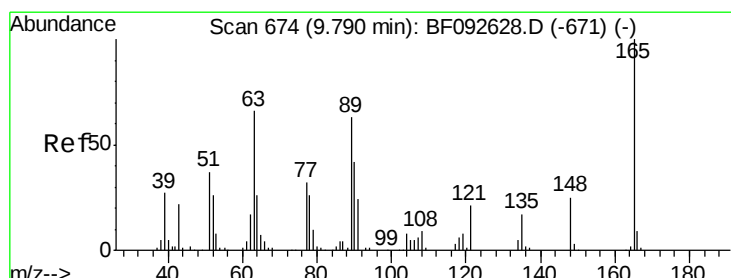
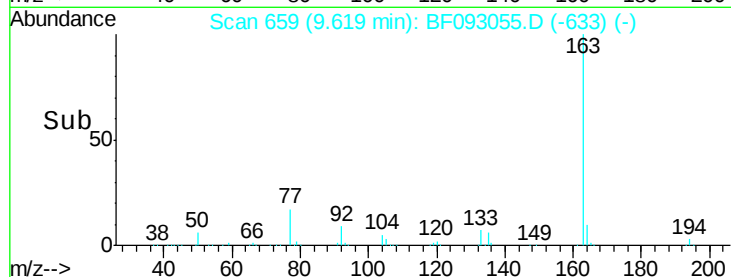
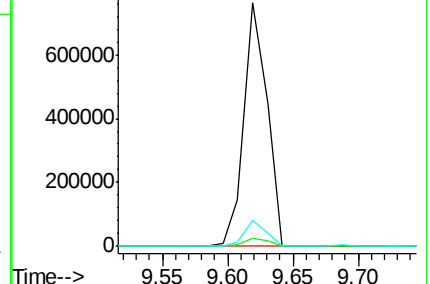
164 10.5 8.0 12.0



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: 44.08 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

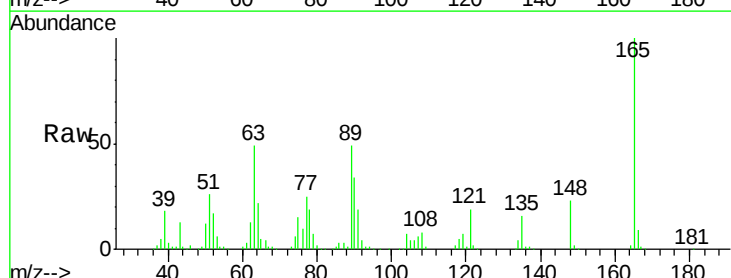
Tgt Ion:165 Resp: 236329

Ion Ratio Lower Upper

165 100

63 49.2 36.2 54.4

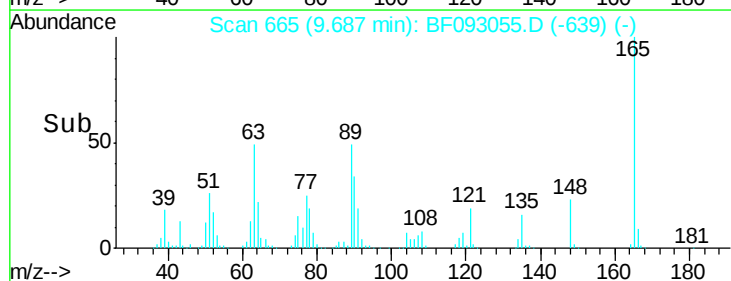
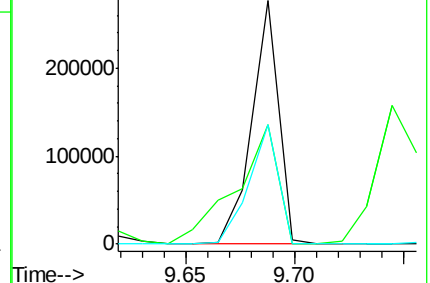
89 49.2 40.2 60.4



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: 36.66 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

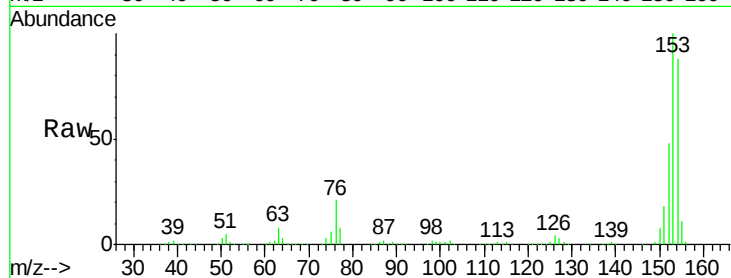
Tgt Ion:154 Resp: 790537

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

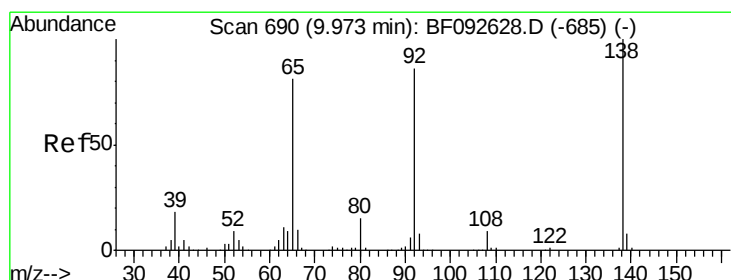
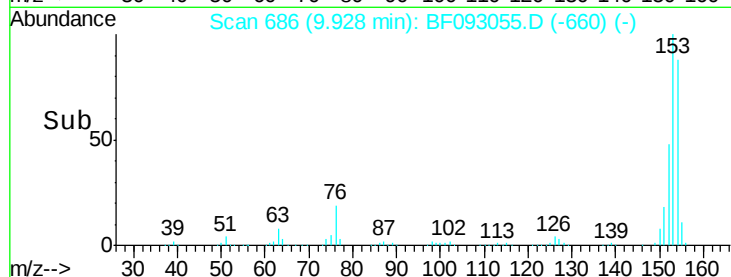
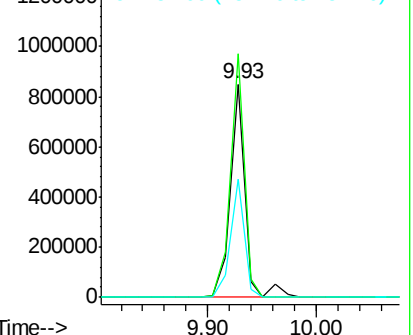
152 55.4 41.6 62.4



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: 45.26 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

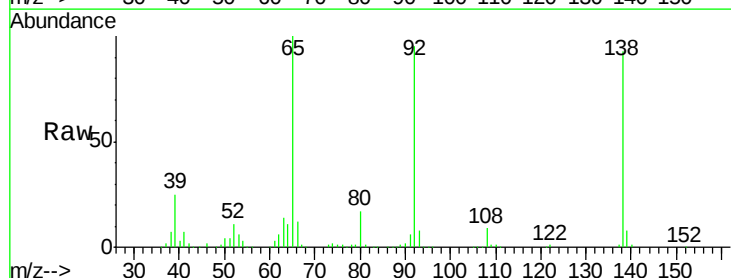
Tgt Ion:138 Resp: 277713

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

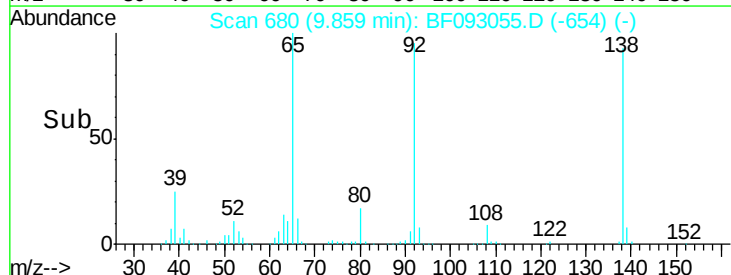
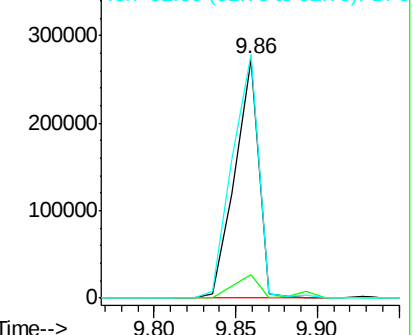
92 102.0 97.8 146.8

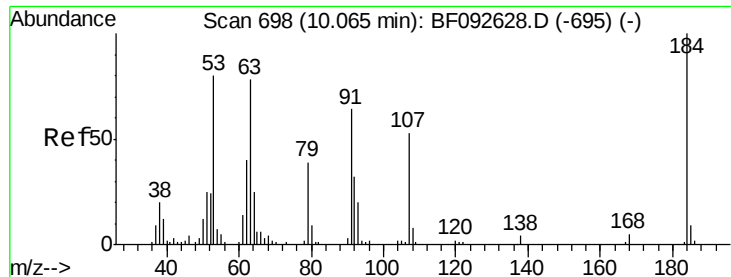


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

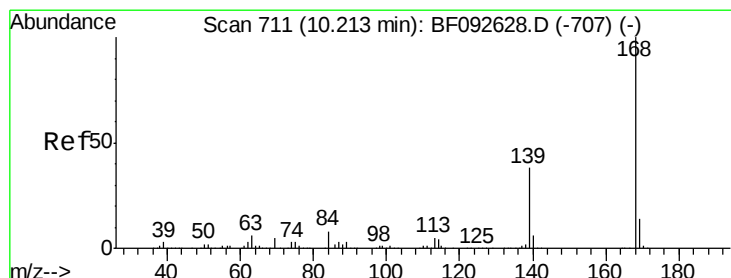
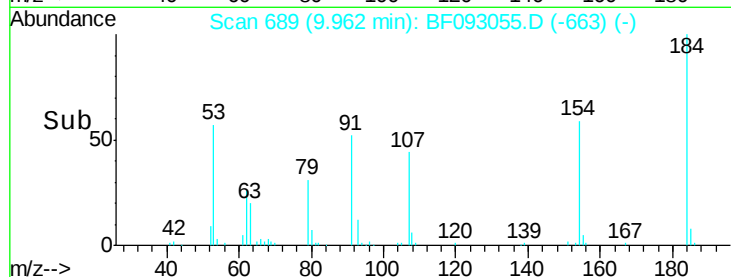
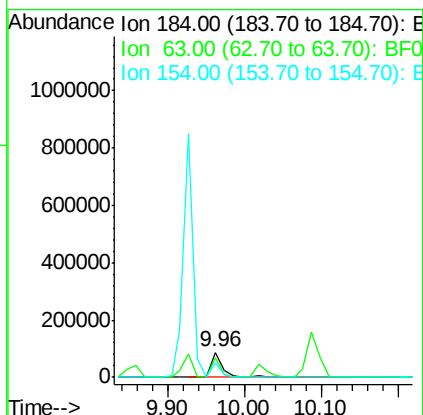
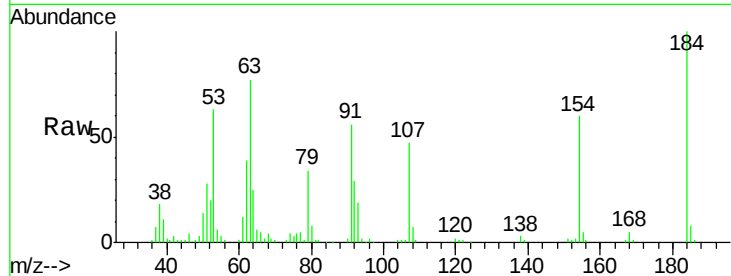




#53
2,4-Dinitrophenol
Concen: 36.75 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

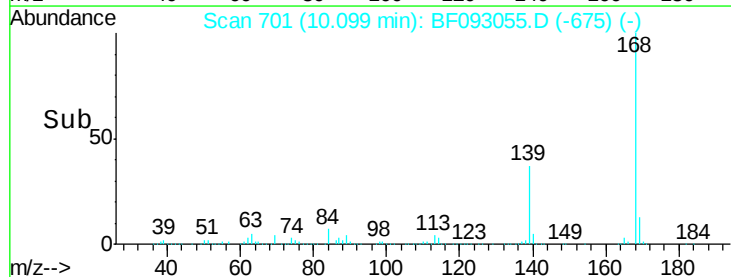
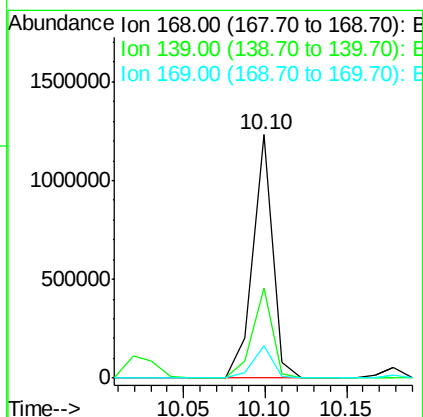
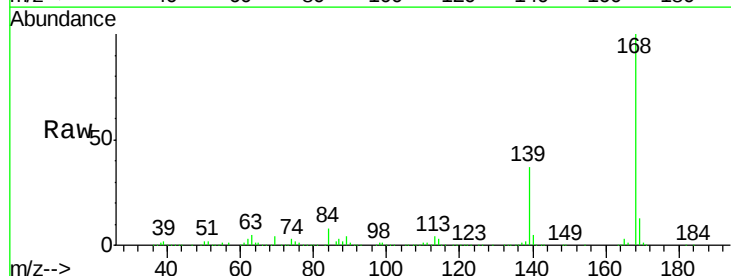
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

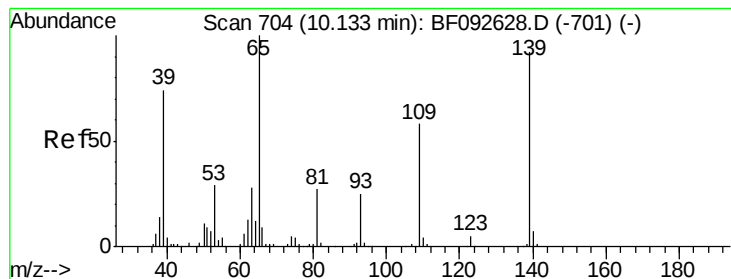
Tgt Ion:184 Resp: 92809
Ion Ratio Lower Upper
184 100
63 77.2 28.4 42.6#
154 59.8 44.3 66.5



#54
Dibenzofuran
Concen: 36.20 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:168 Resp: 1044067
Ion Ratio Lower Upper
168 100
139 37.1 32.6 49.0
169 13.4 11.3 16.9





#55

4-Nitrophenol

Concen: 34.29 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

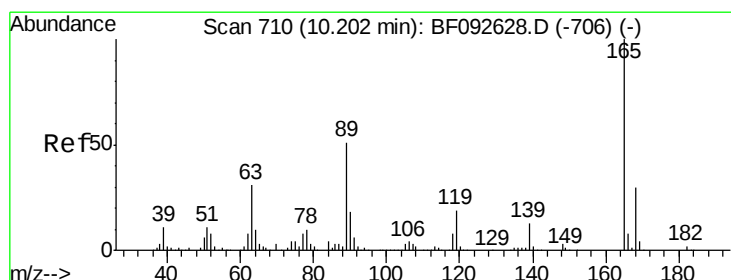
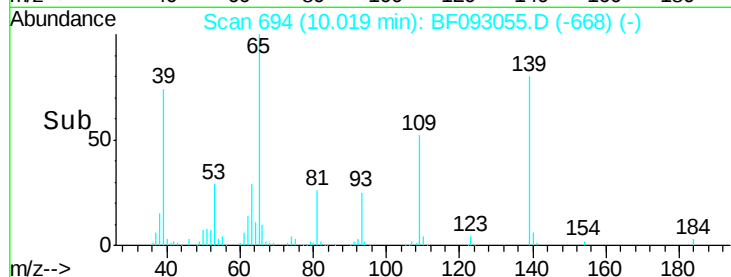
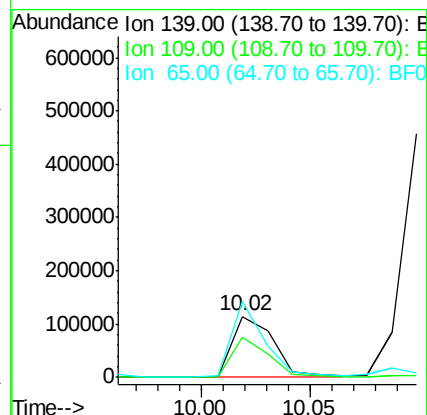
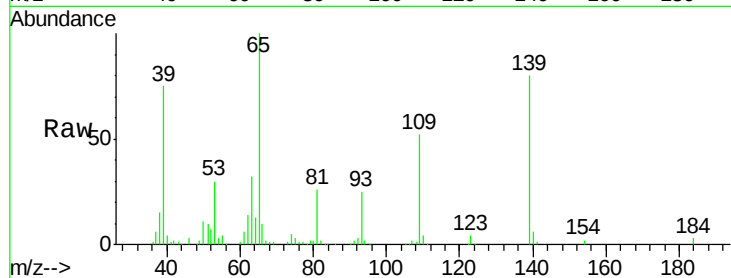
Tgt Ion:139 Resp: 151540

Ion Ratio Lower Upper

139 100

109 65.2 52.2 92.2

65 125.2 85.8 125.8



#56

2,4-Dinitrotoluene

Concen: 34.50 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Tgt Ion:165 Resp: 246278

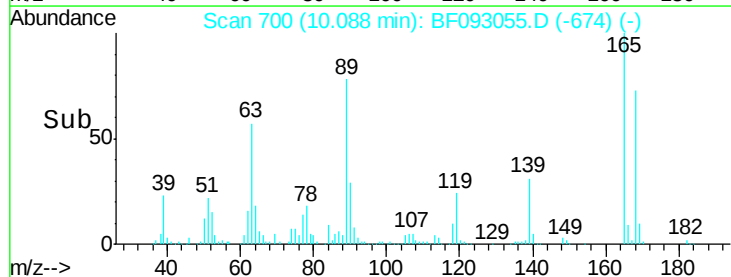
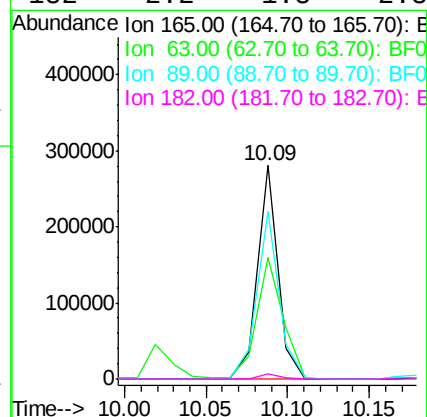
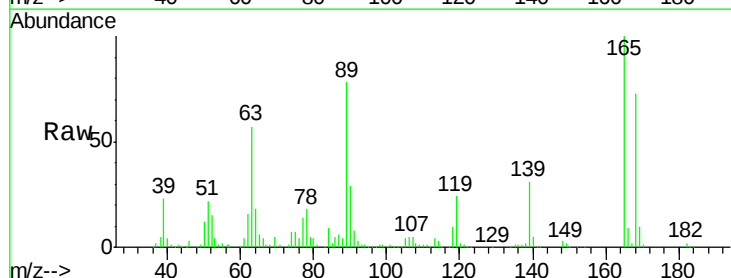
Ion Ratio Lower Upper

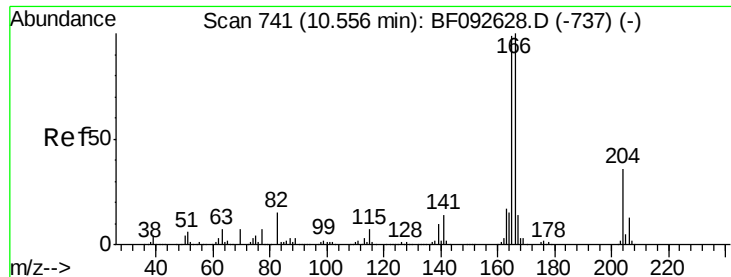
165 100

63 57.0 40.2 60.4

89 78.4 62.5 93.7

182 2.2 1.8 2.8

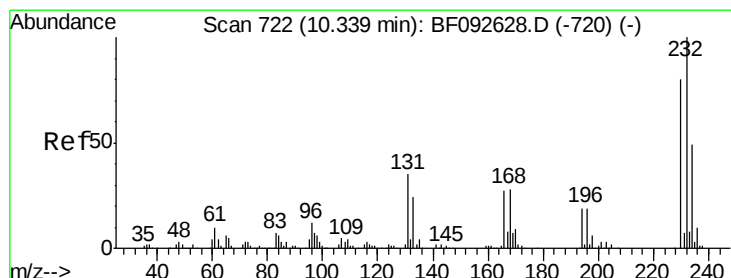
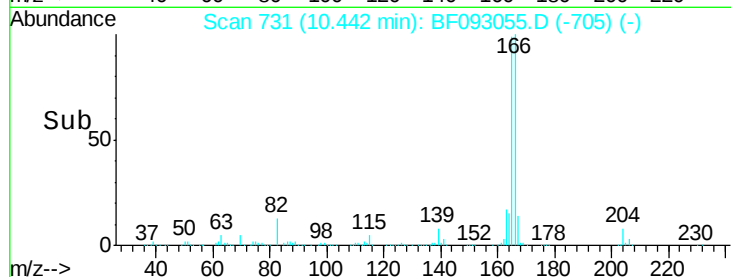
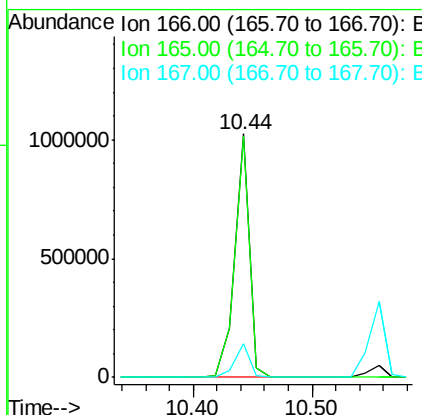
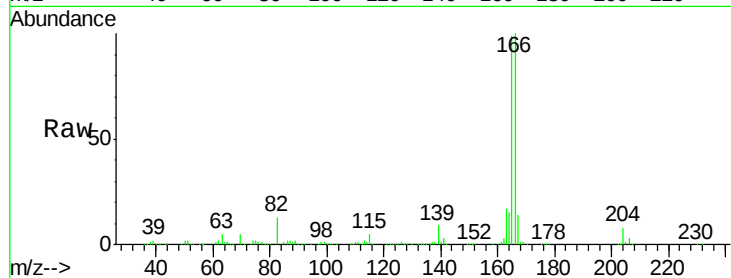




#57
Fluorene
 Concen: 39.53 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

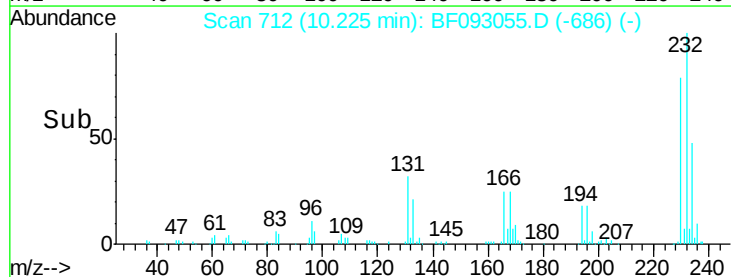
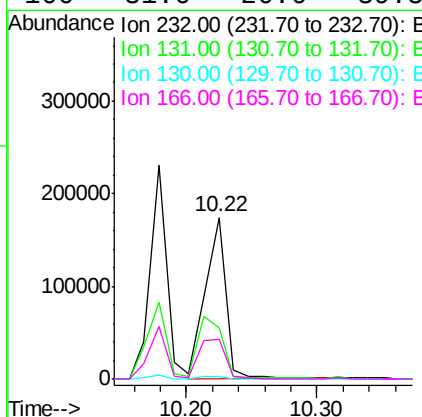
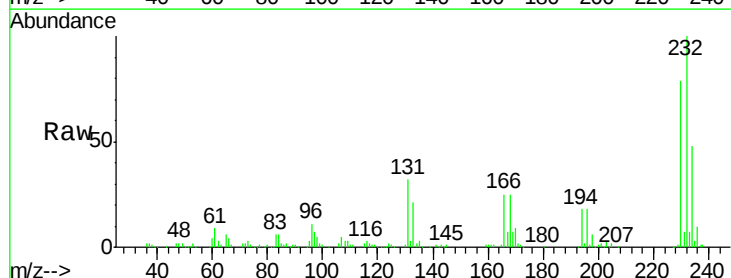
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

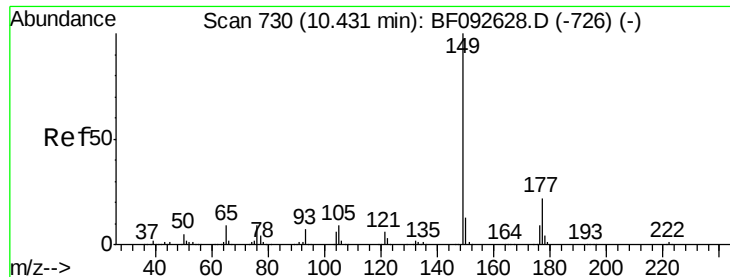
Tgt Ion:166 Resp: 877100
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 13.6 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.48 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:232 Resp: 191223
 Ion Ratio Lower Upper
 232 100
 131 47.4 40.1 60.1
 130 1.9 1.8 2.8
 166 31.6 26.6 39.8

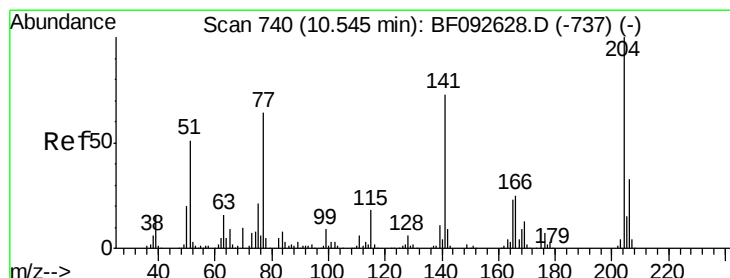
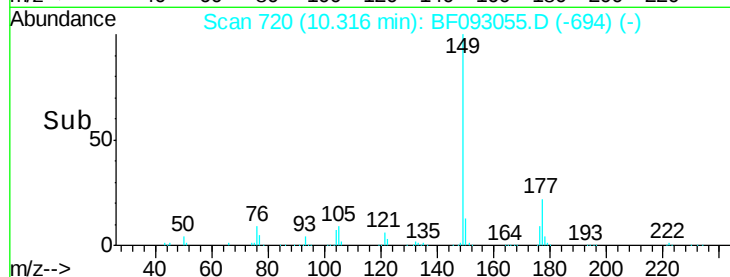
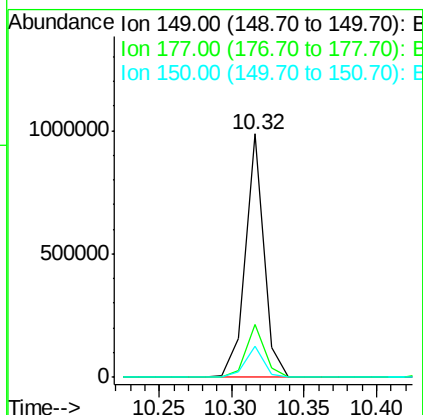
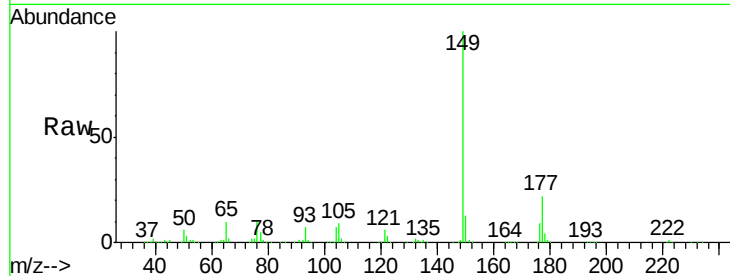




#59
Diethylphthalate
Concen: 37.22 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

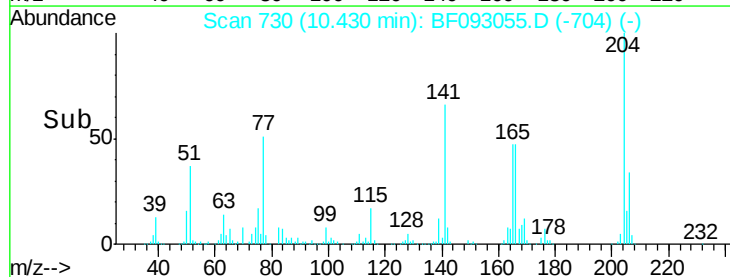
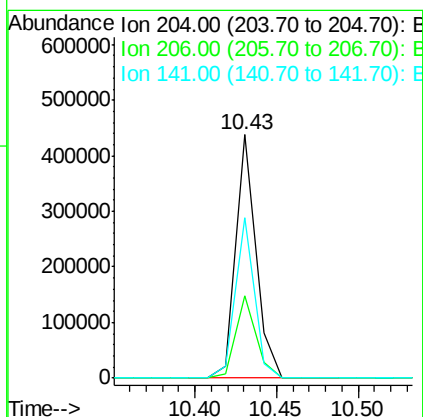
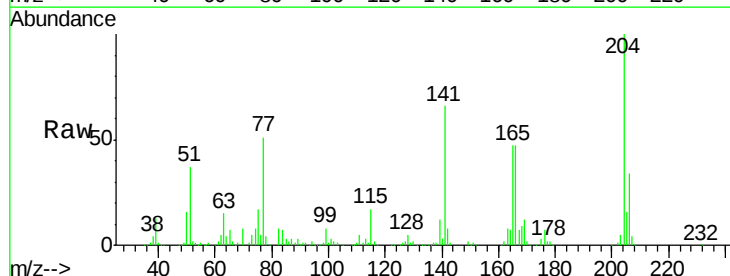
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

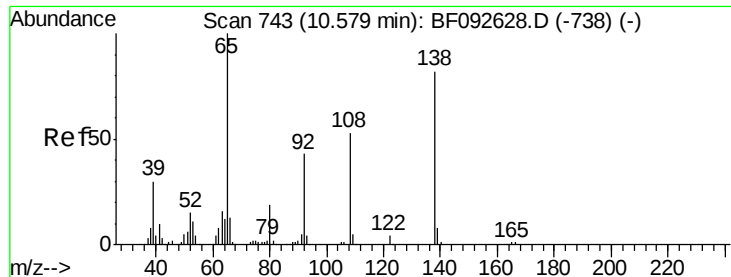
Tgt Ion:149 Resp: 870661
Ion Ratio Lower Upper
149 100
177 21.7 16.6 25.0
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 34.88 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:204 Resp: 371831
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 66.0 59.4 89.0

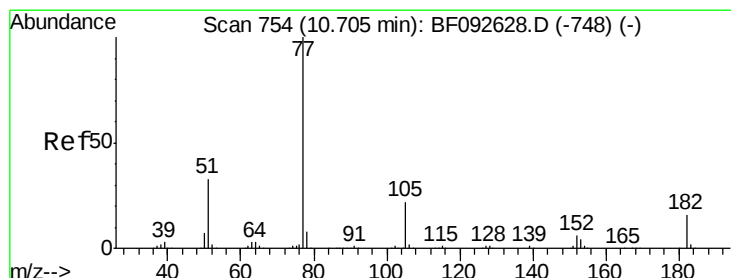
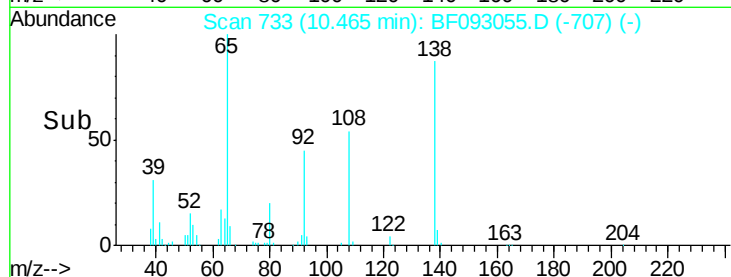
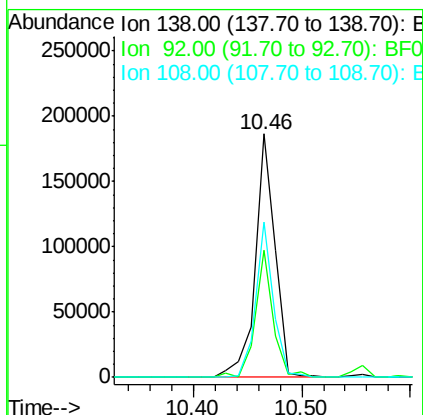
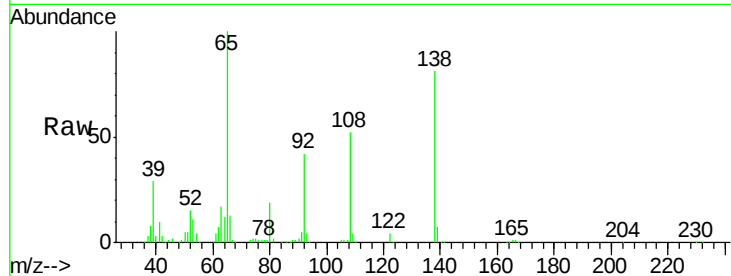




#61
4-Nitroaniline
Concen: 37.90 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

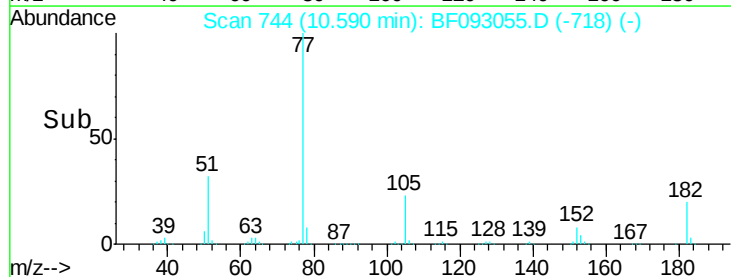
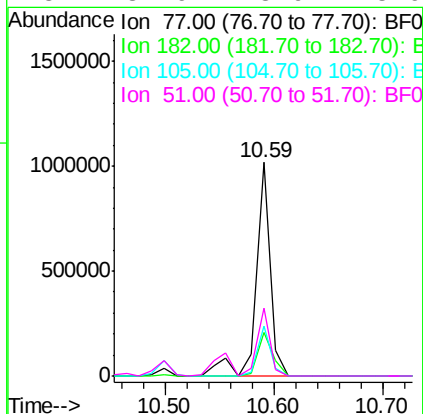
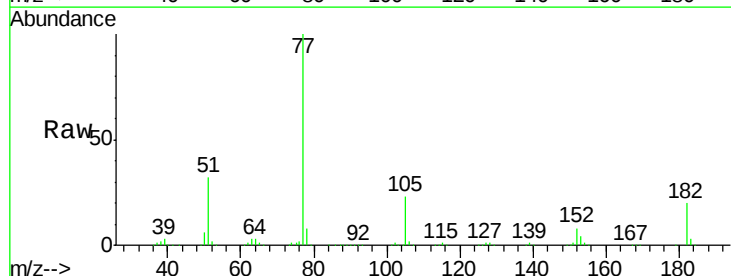
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

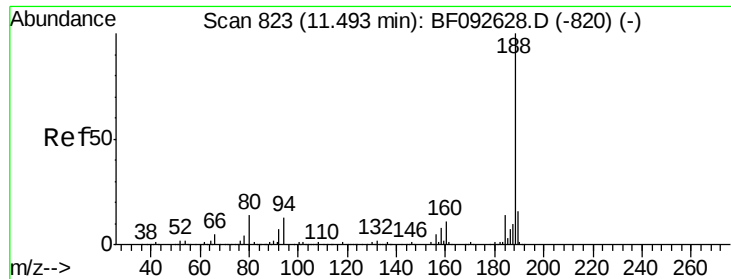
Tgt Ion:138 Resp: 238171
Ion Ratio Lower Upper
138 100
92 52.2 31.7 71.7
108 63.7 52.6 92.6



#62
Azobenzene
Concen: 39.27 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion: 77 Resp: 949193
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.3
105 23.2 2.3 42.3
51 31.9 8.9 48.9

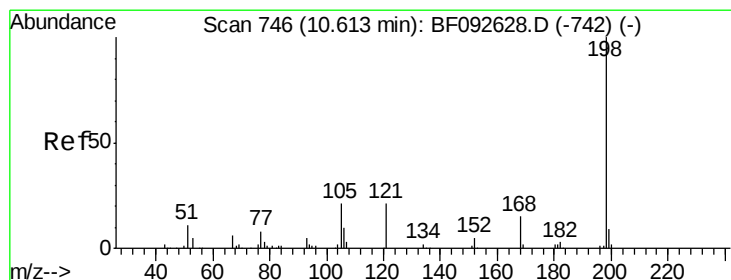
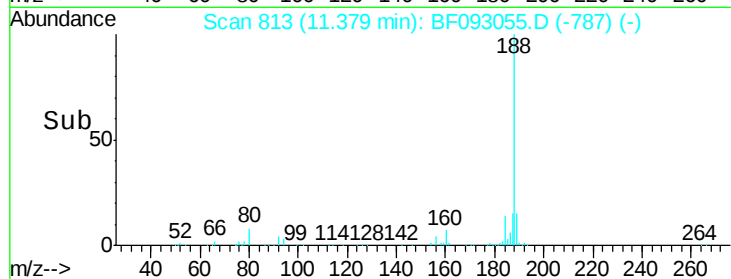
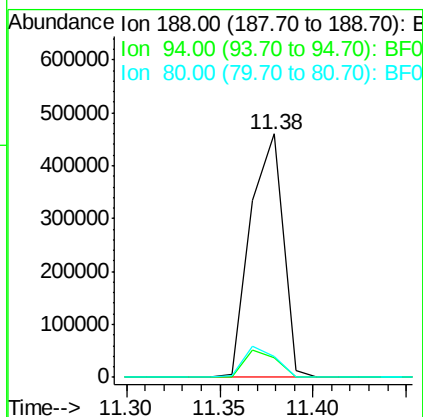
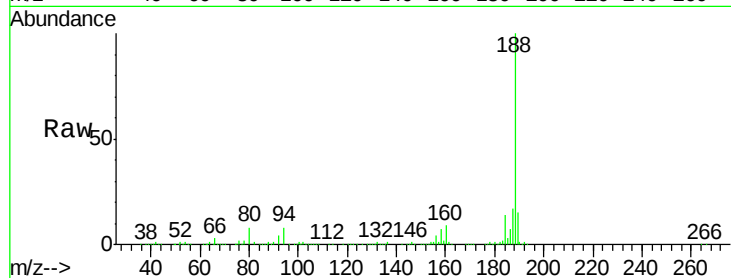




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

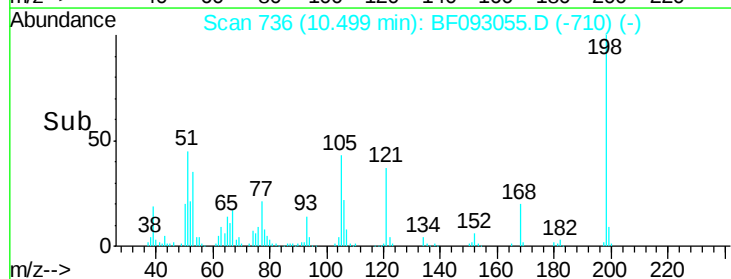
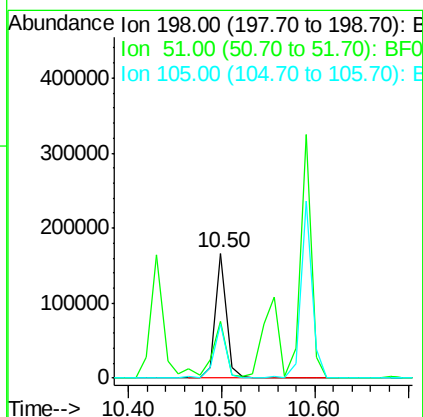
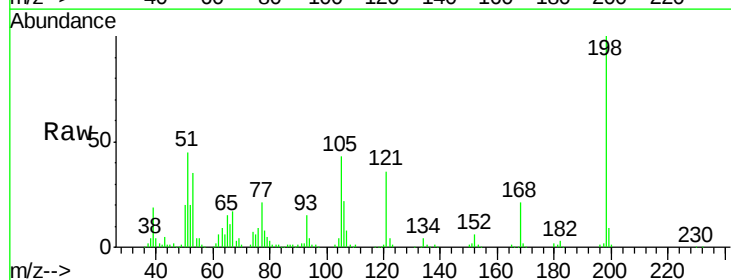
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

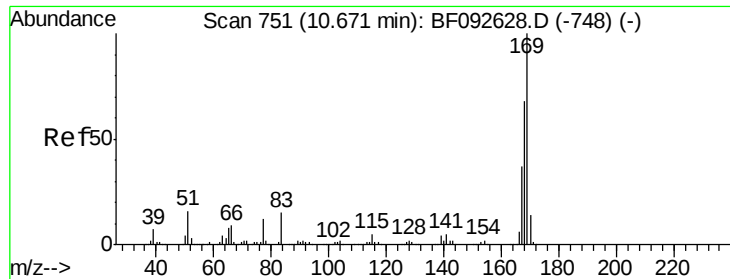
Tgt Ion:188 Resp: 558904
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.08 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:198 Resp: 138355
Ion Ratio Lower Upper
198 100
51 45.4 6.7 46.7
105 43.1 16.6 56.6

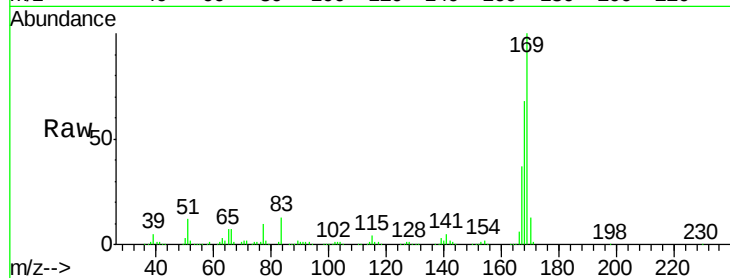




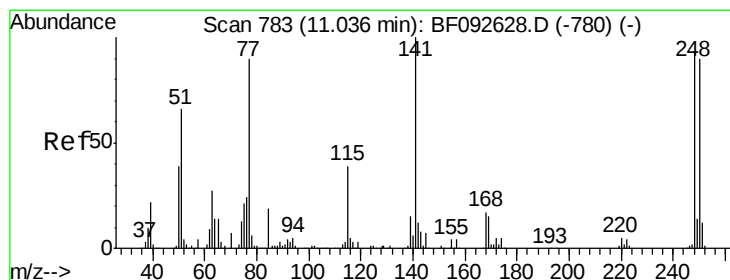
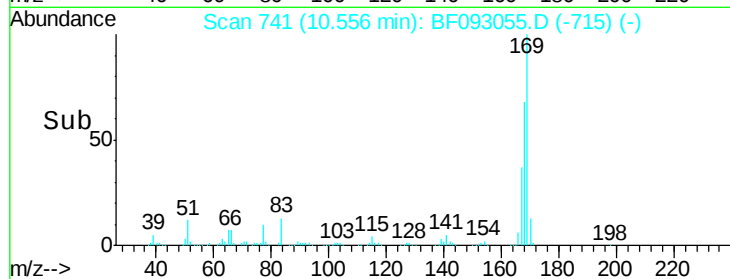
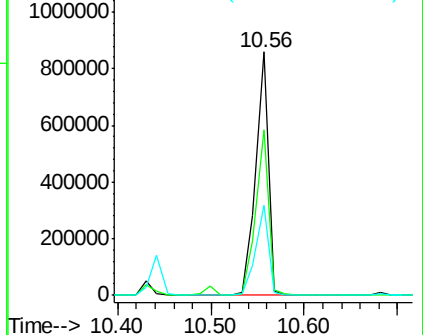
#65
n-Nitrosodiphenylamine
Concen: 45.17 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:169 Resp: 806500
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.2
167 37.1 30.2 45.4

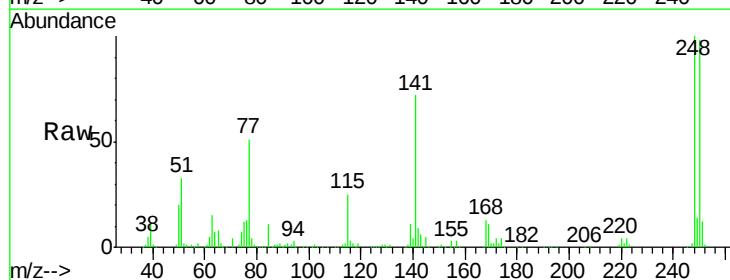


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

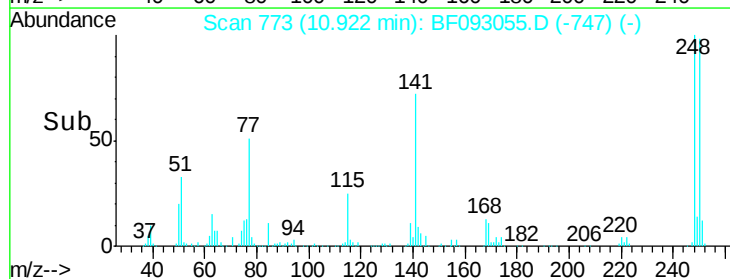
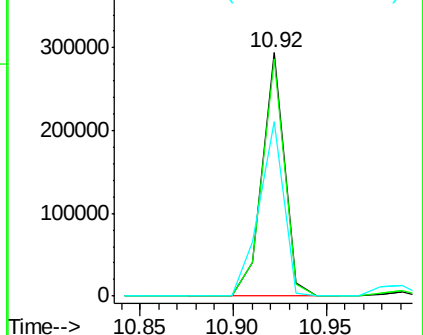


#66
4-Bromophenyl-phenylether
Concen: 41.30 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:248 Resp: 241177
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 71.8 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

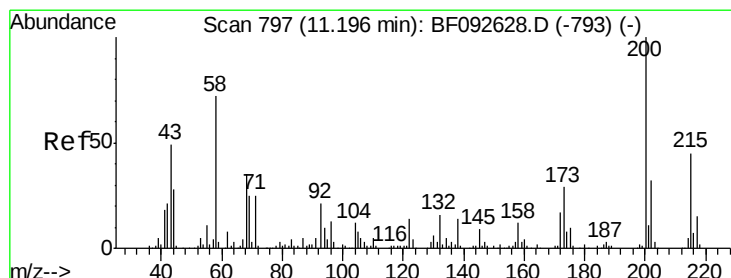
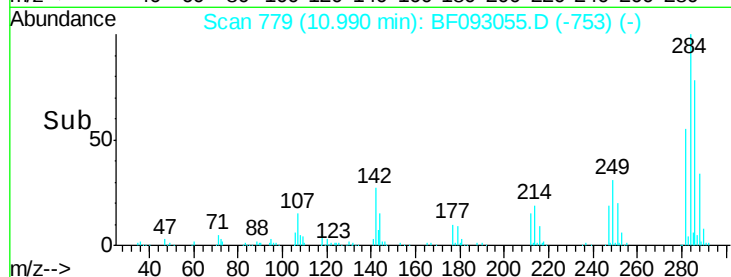
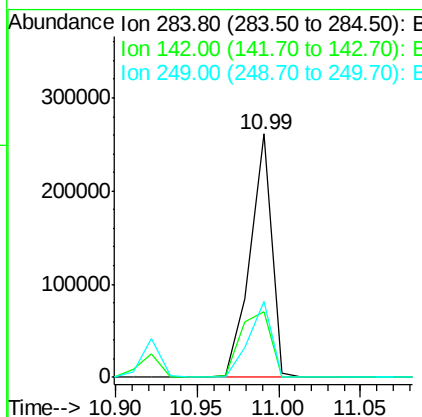
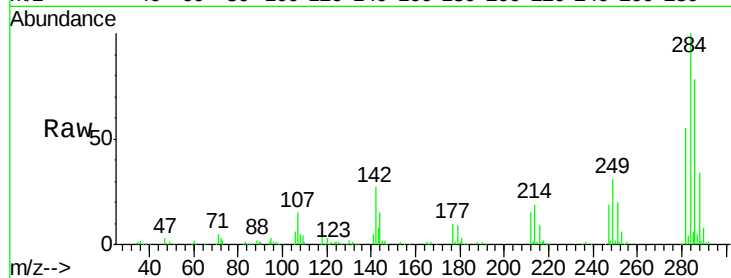




#67
Hexachlorobenzene
Concen: 41.83 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

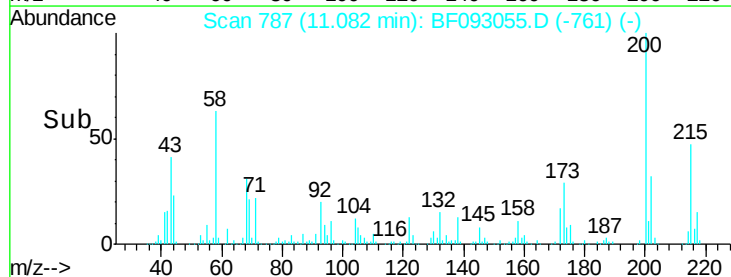
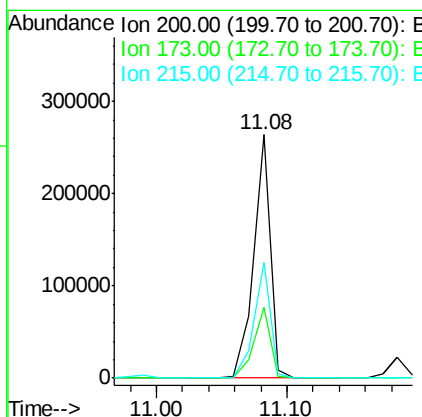
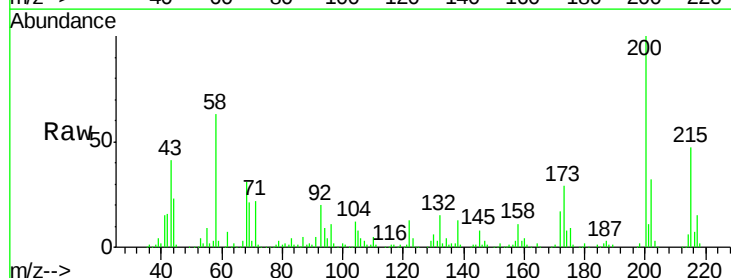
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

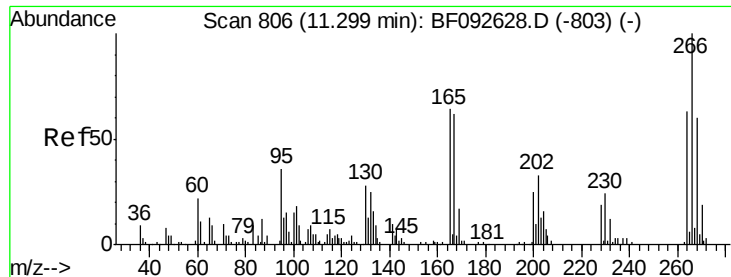
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	22.6	33.8
249	31.4	25.4	38.0



#68
Atrazine
Concen: 41.10 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	9.6	49.6
215	47.4	25.7	65.7

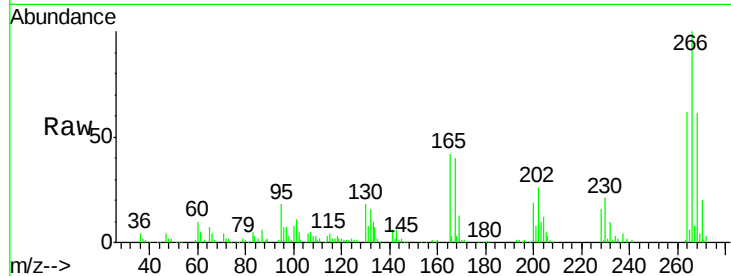




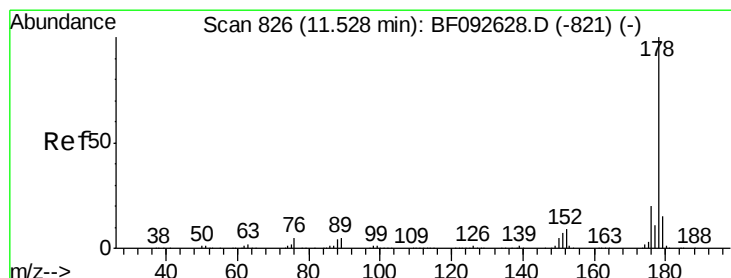
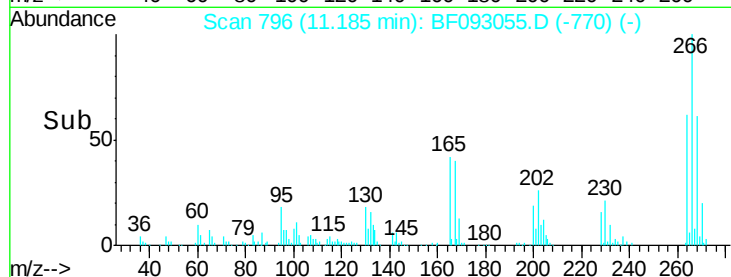
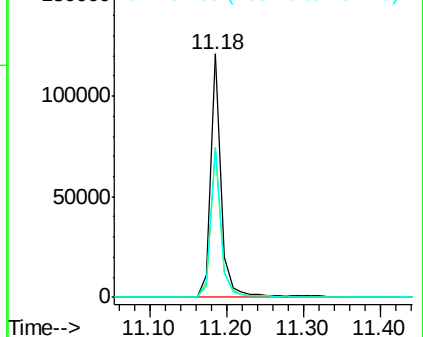
#69
 Pentachlorophenol
 Concen: 42.58 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 115823
 Ion Ratio Lower Upper
 266 100
 268 61.2 53.3 79.9
 264 61.7 50.3 75.5

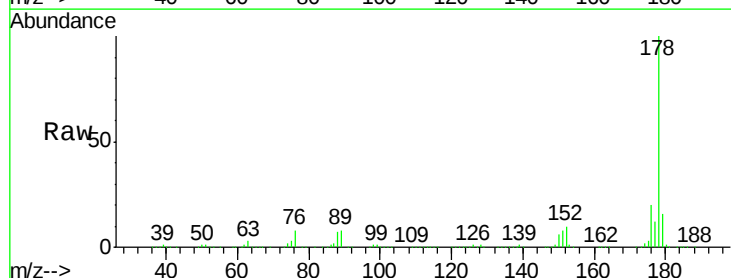


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

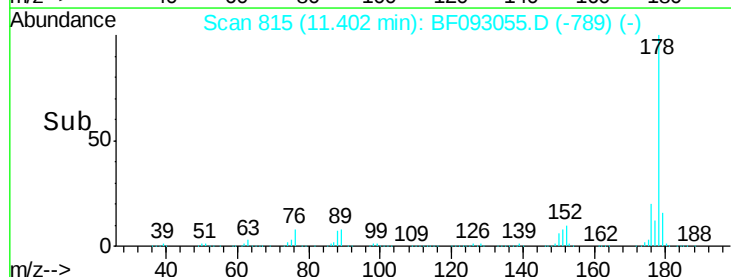
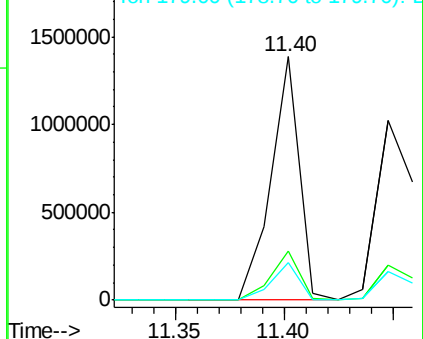


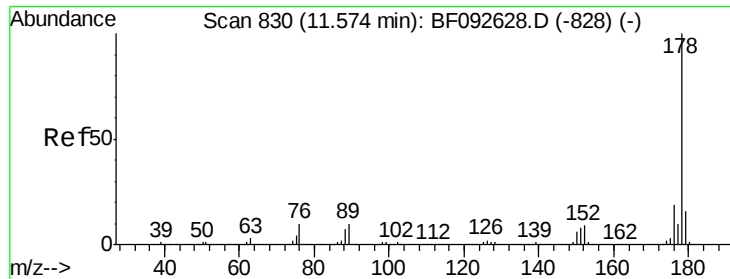
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion: 178 Resp: 1266596
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.6 12.8 19.2



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

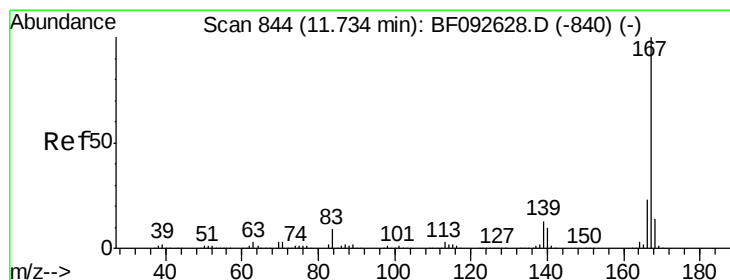
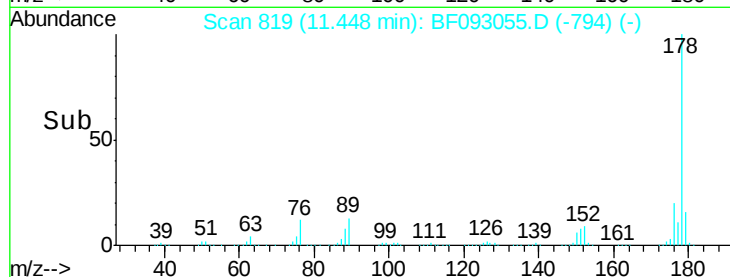
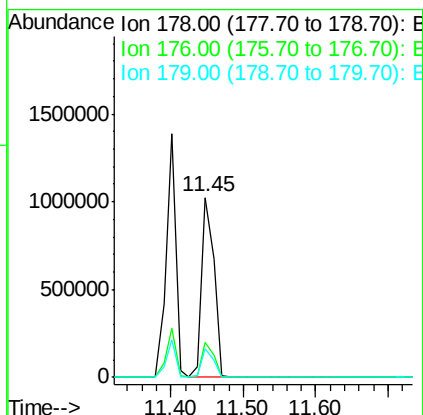
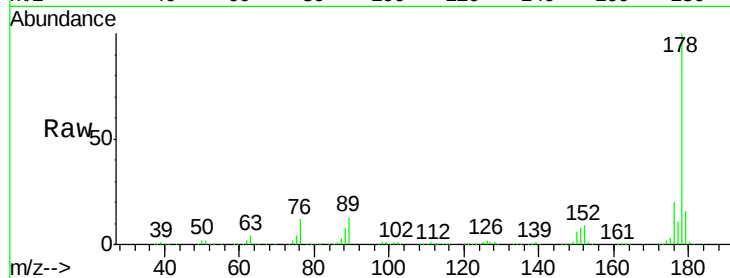




#71
 Anthracene
 Concen: 37.94 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

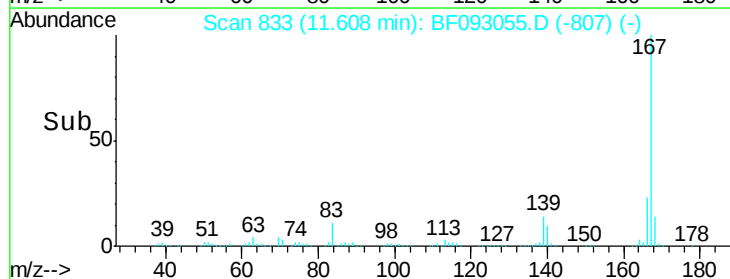
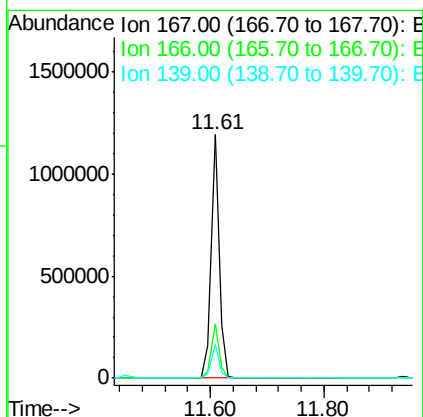
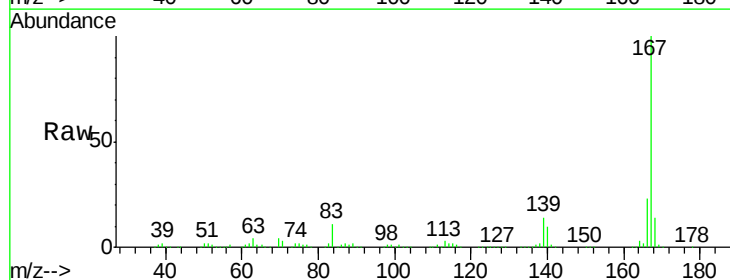
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

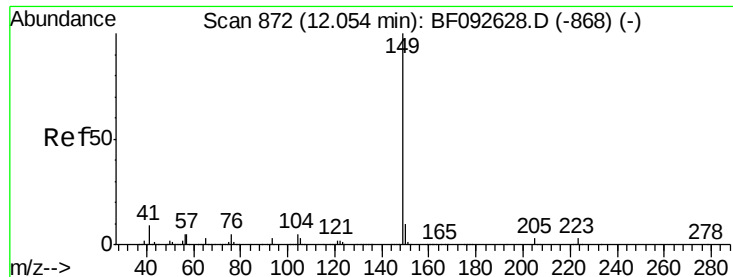
Tgt Ion:178 Resp: 1220024
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 36.43 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:167 Resp: 1119875
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.56 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

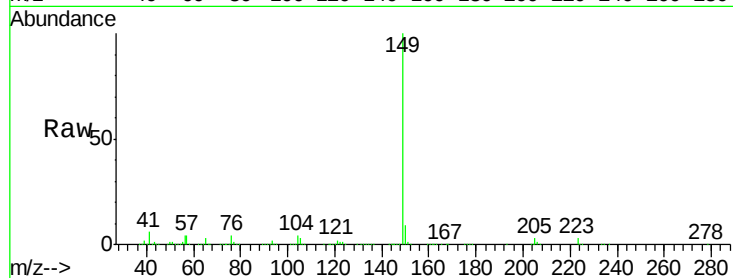
Tgt Ion:149 Resp: 1481136

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

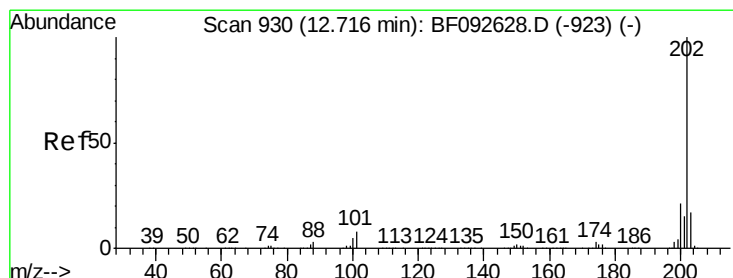
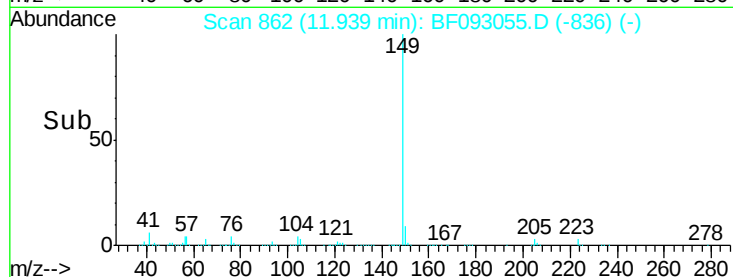
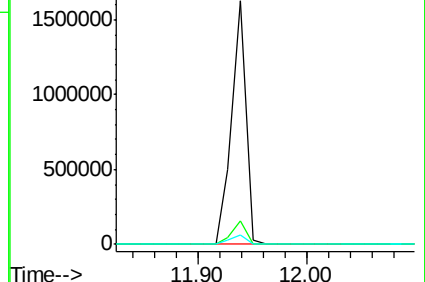
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.91 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

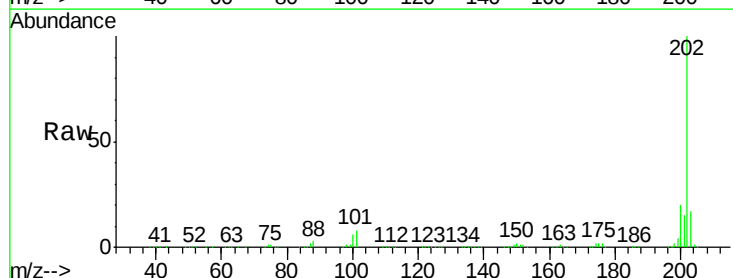
Tgt Ion:202 Resp: 1153087

Ion Ratio Lower Upper

202 100

101 7.7 0.0 34.6

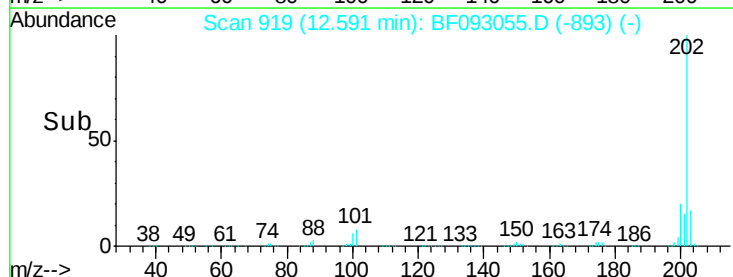
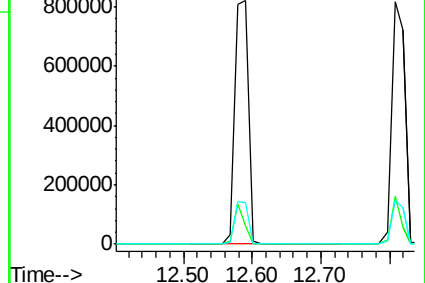
203 16.7 0.0 38.7

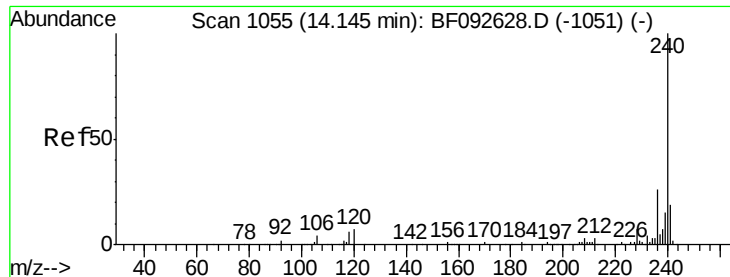


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

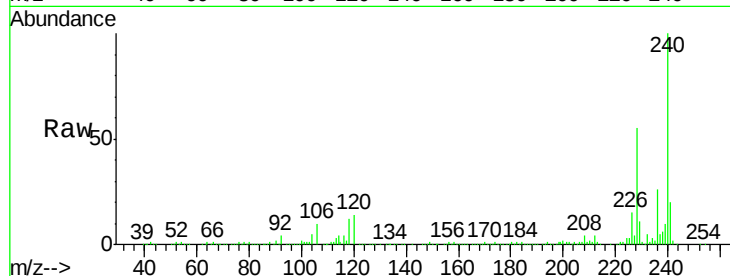
Tgt Ion:240 Resp: 360101

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

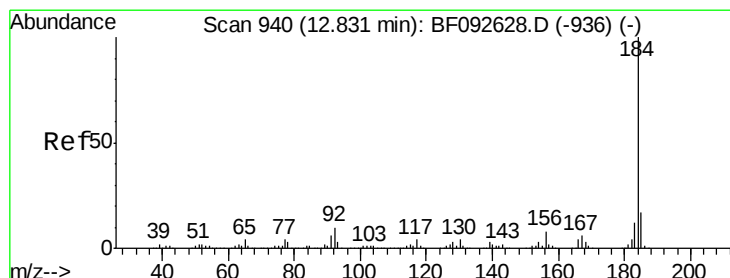
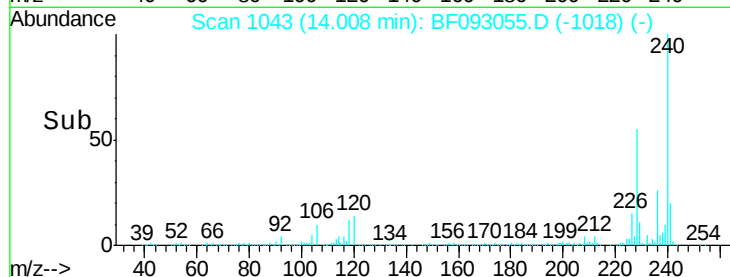
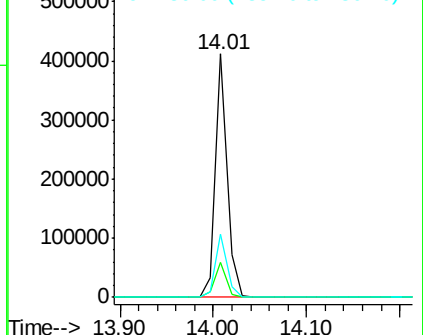
236 26.1 20.9 31.3



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: 32.19 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

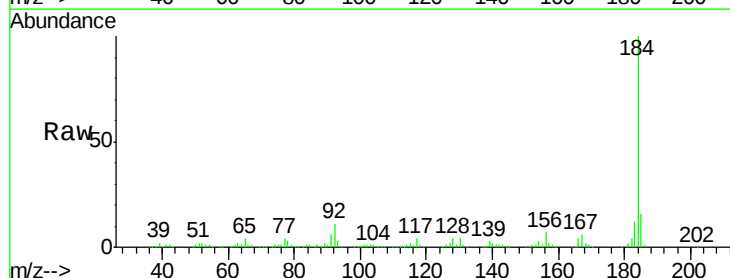
Tgt Ion:184 Resp: 493942

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

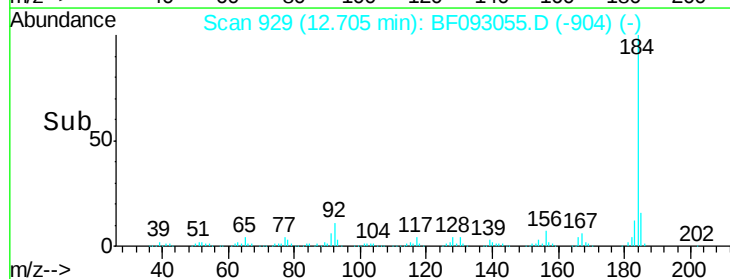
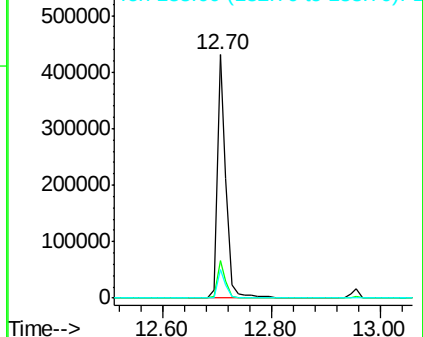
183 11.9 9.2 13.8

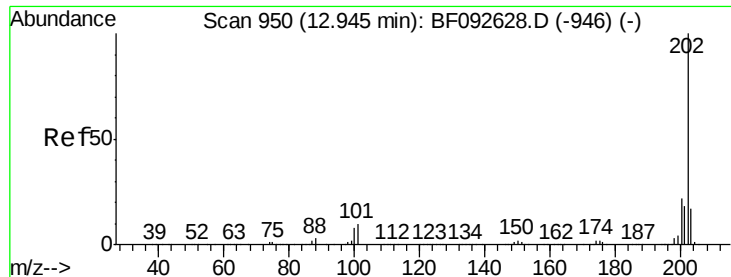


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

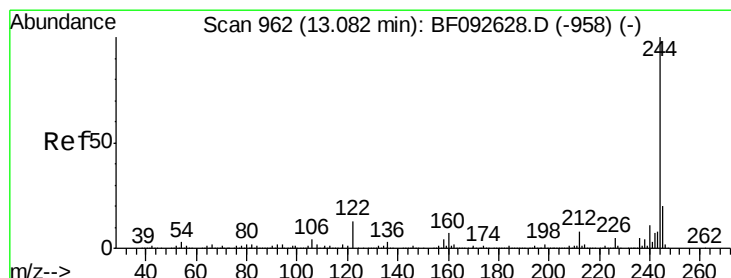
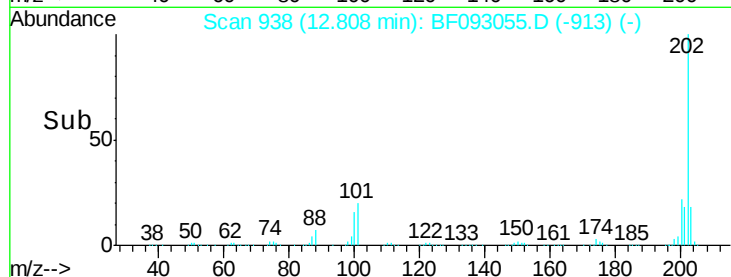
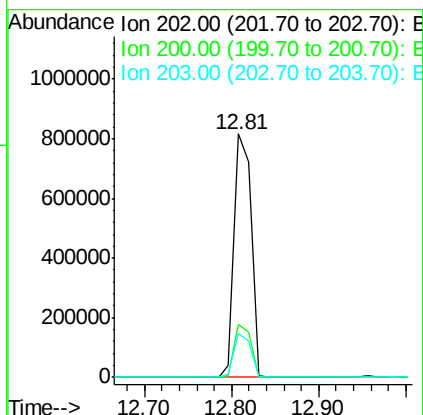
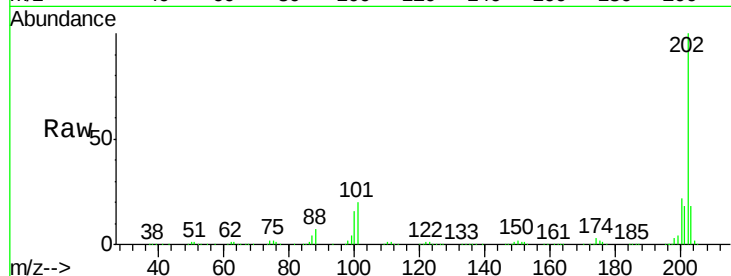




#77
Pyrene
 Concen: 40.63 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

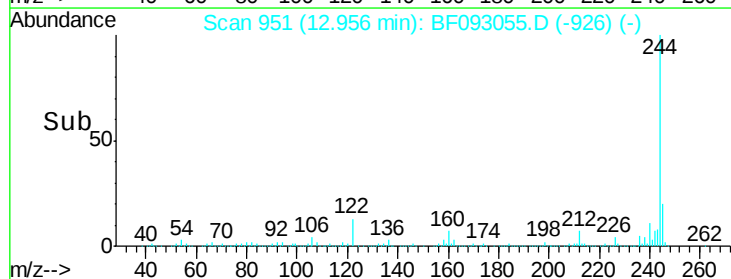
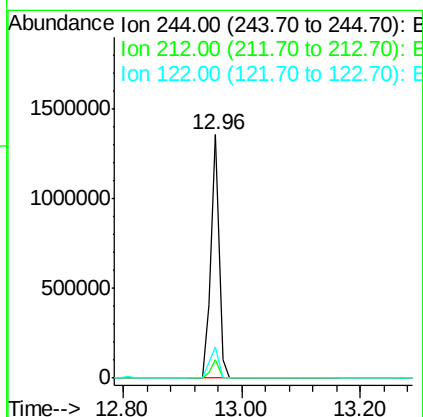
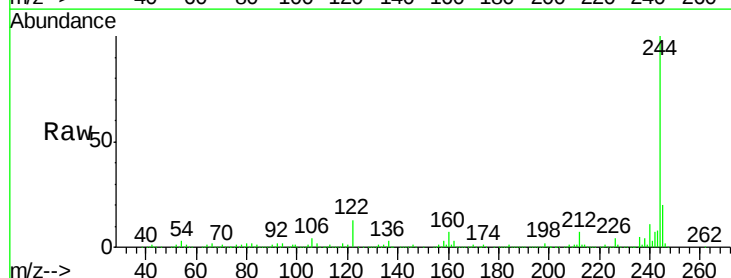
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

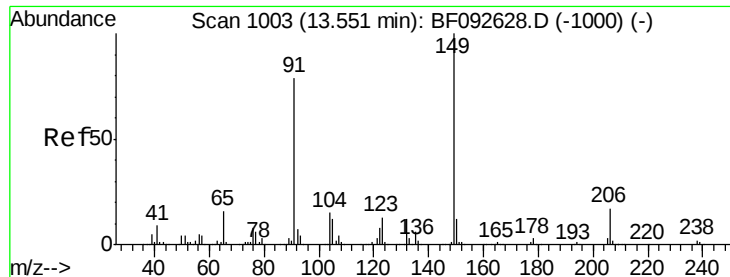
Tgt Ion: 202 Resp: 1094828
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 18.1 14.7 22.1



#78
Terphenyl-d14
 Concen: 84.51 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion: 244 Resp: 1295111
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 12.7 11.4 17.2





#79

Butylbenzylphthalate

Concen: 44.94 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

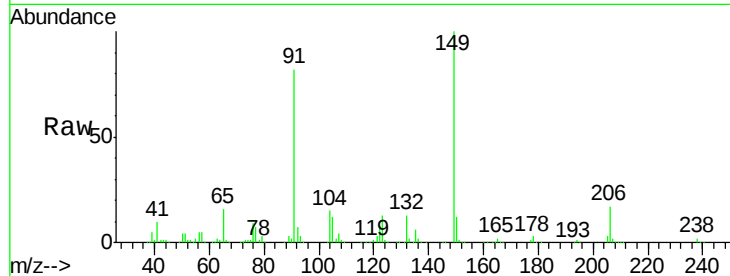
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

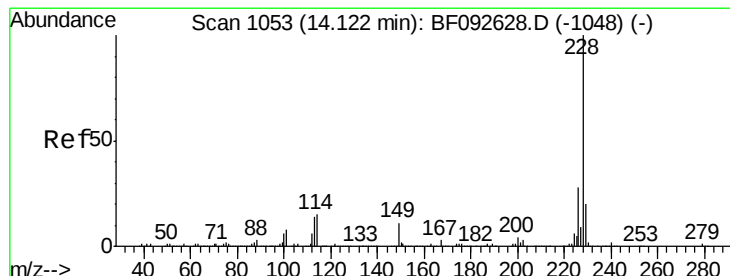
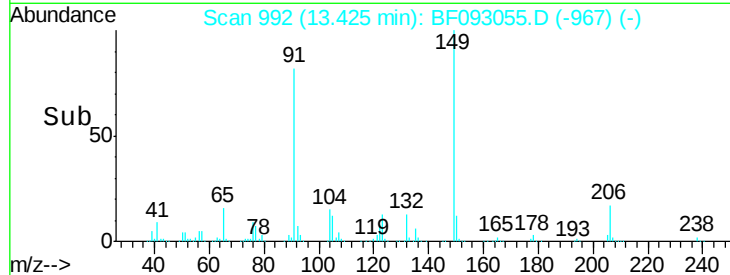
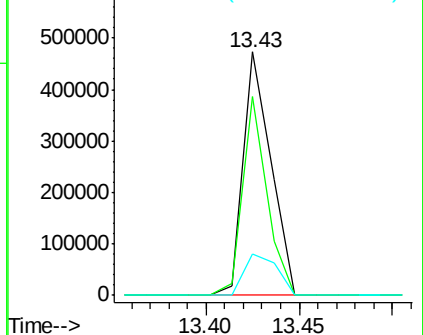
Tgt Ion:	149	Resp:	491819
Ion Ratio	Lower	Upper	
149	100		
91	81.9	63.9	95.9
206	17.2	14.6	21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.80 ng

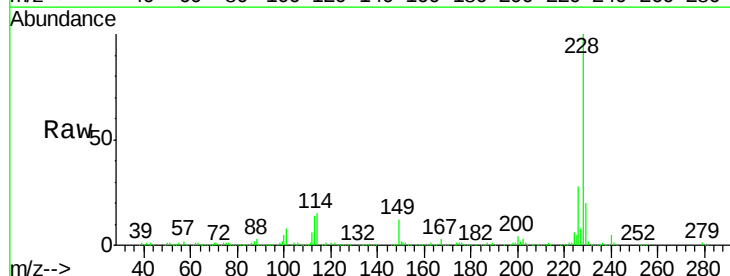
RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

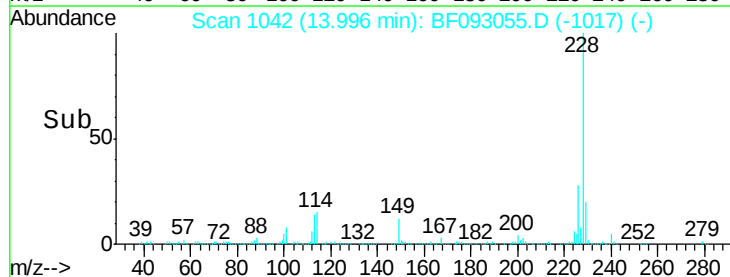
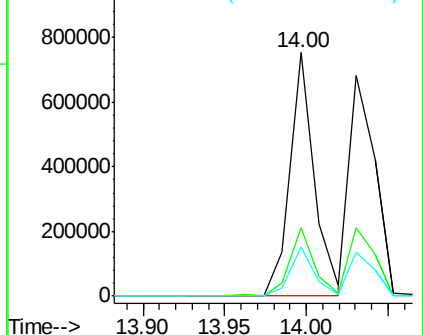
Tgt Ion:	228	Resp:	788551
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	20.1	16.2	24.4

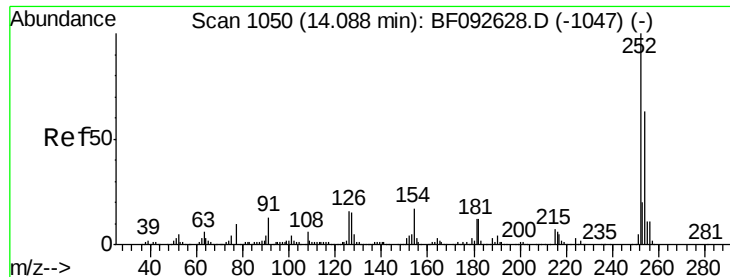


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

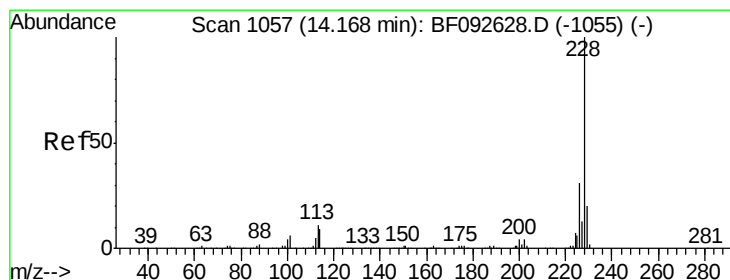
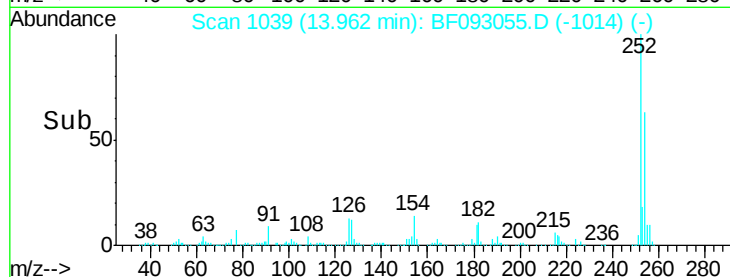
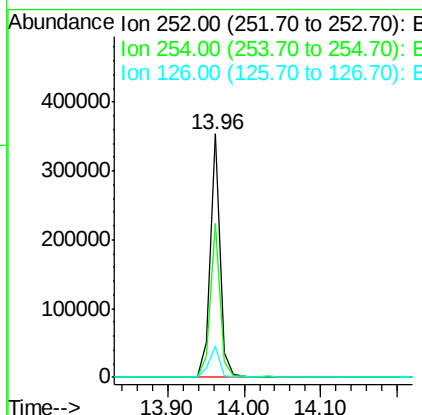
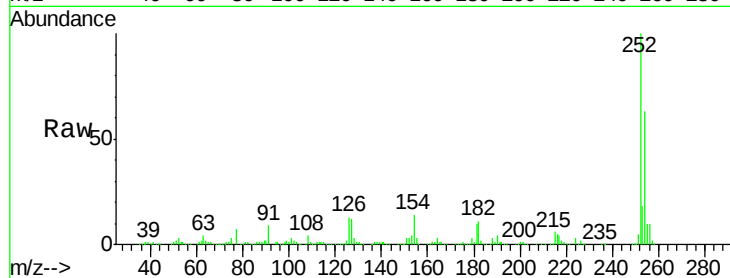




#81
 3,3'-Dichlorobenzidine
 Concen: 39.50 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

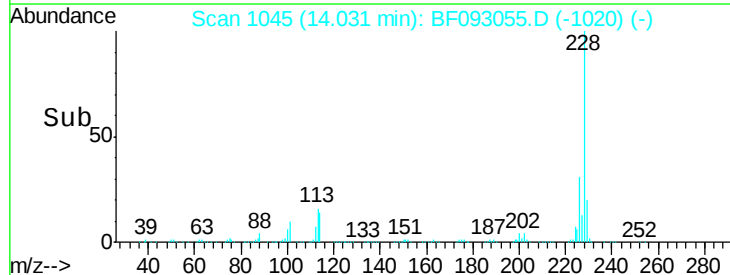
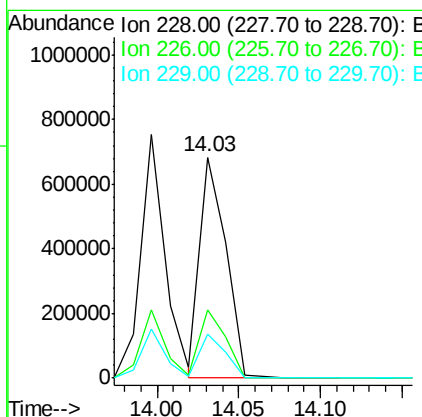
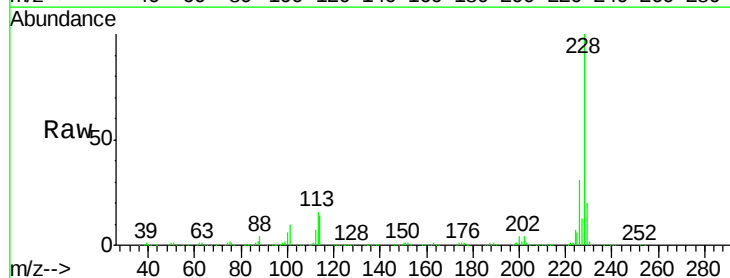
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	12.6	13.6	20.4



#82
 Chrysene
 Concen: 37.22 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.1	16.2	24.2

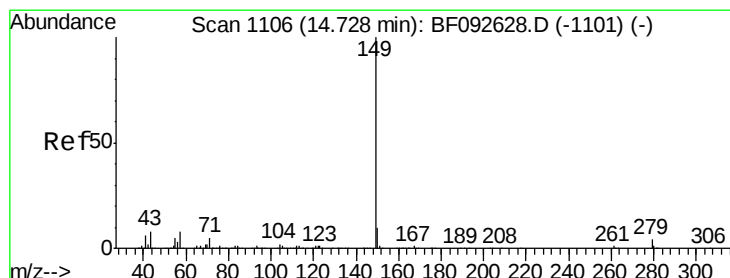
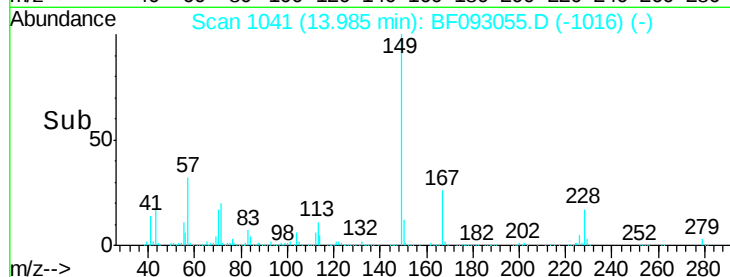
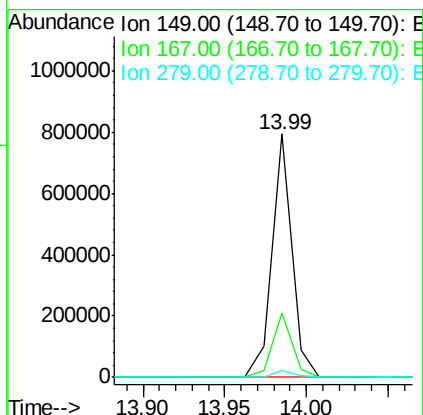
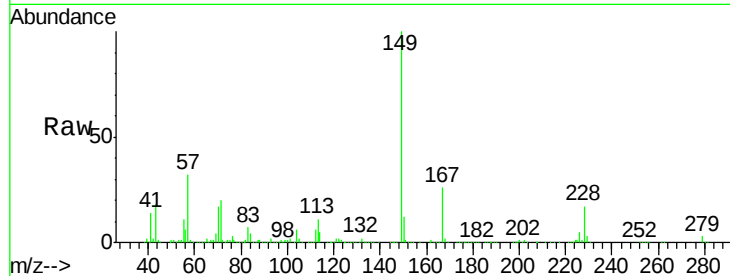




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.41 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

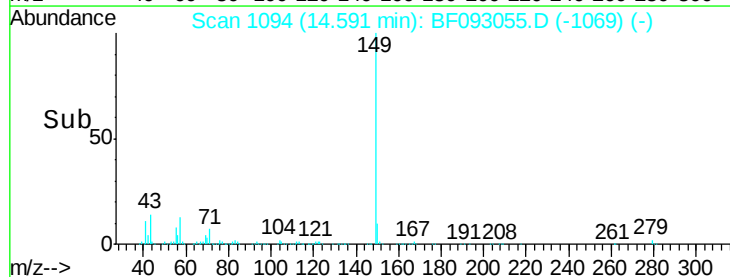
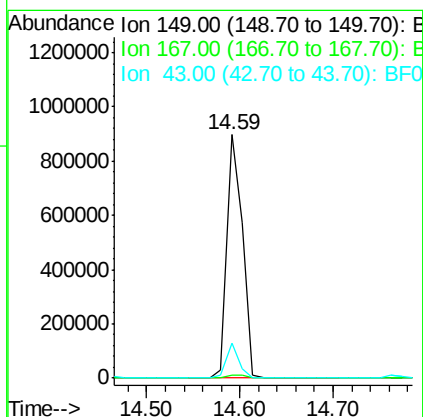
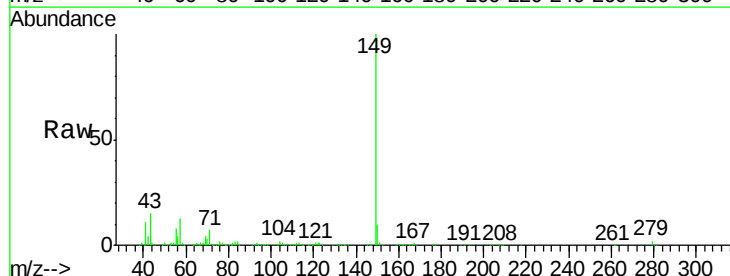
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

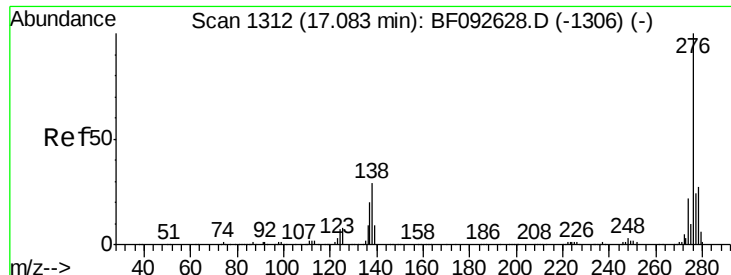
Tgt Ion:149 Resp: 679659
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 2.6 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 42.64 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093055.D
 Acq: 21 Feb 2017 5:23

Tgt Ion:149 Resp: 1039170
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.8 8.9 13.3

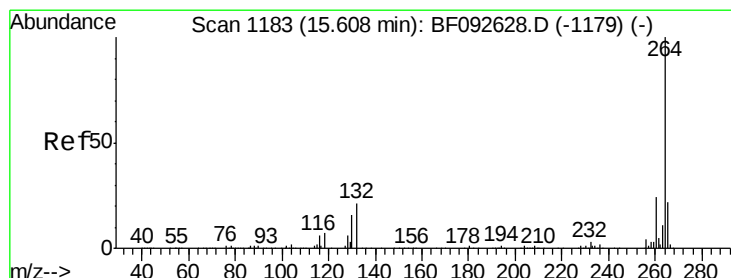
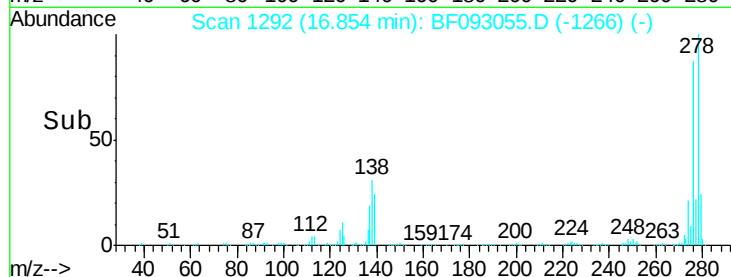
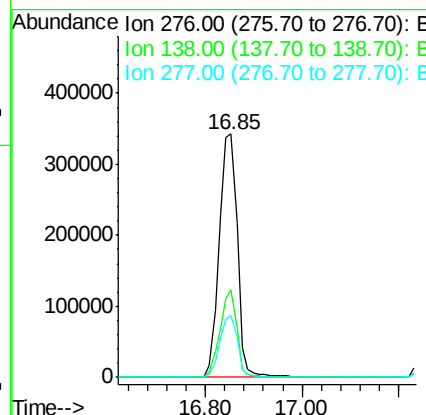
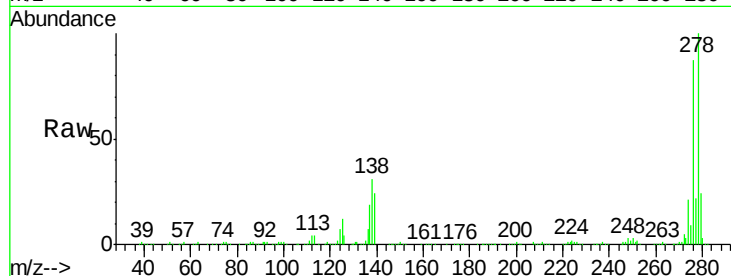




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.98 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

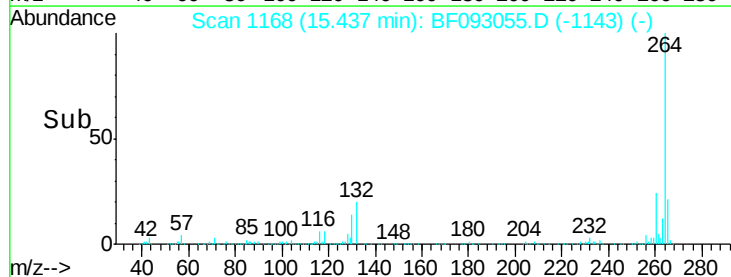
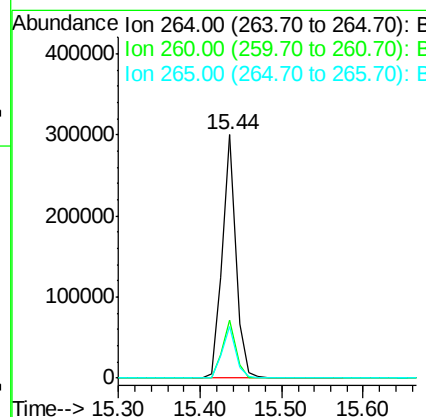
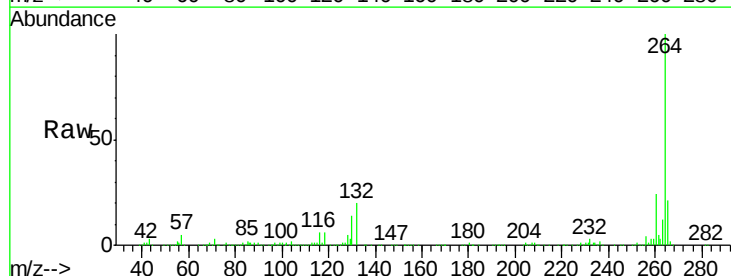
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

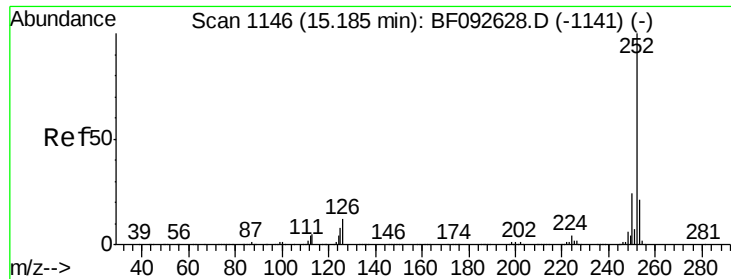
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6
277	24.9	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.4	26.0

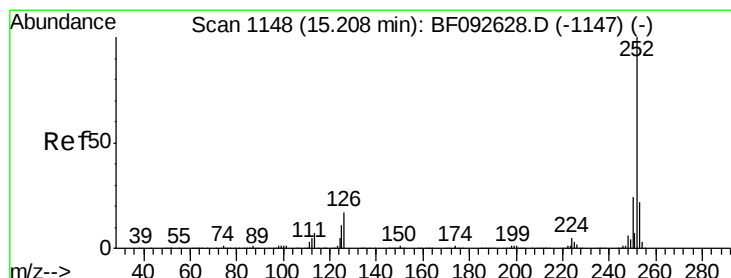
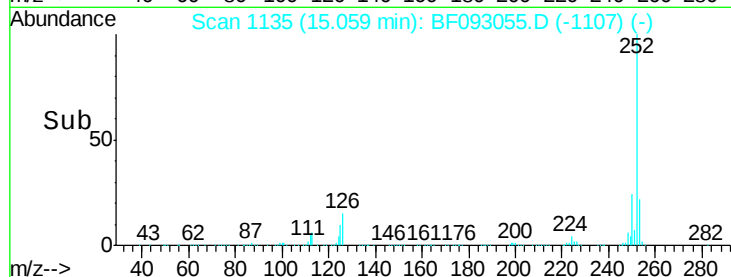
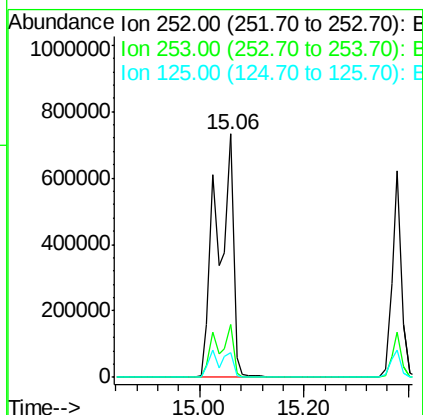
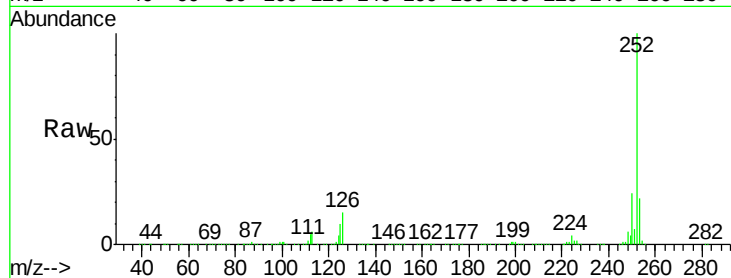




#87
Benzo(b)fluoranthene
Concen: 69.23 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

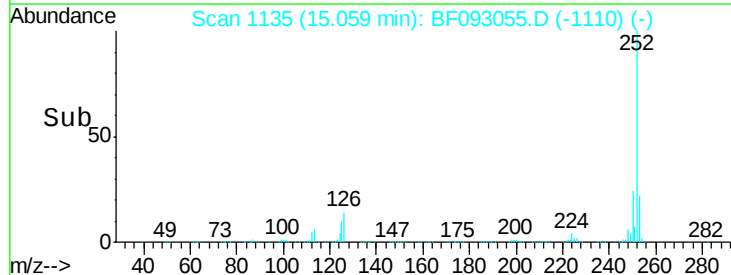
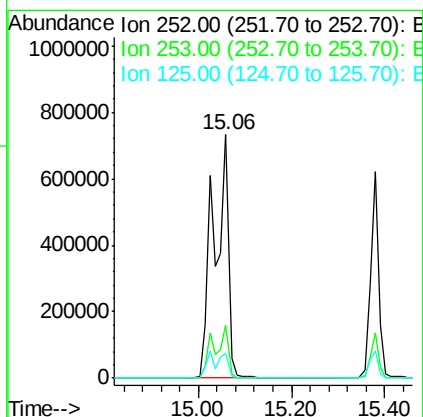
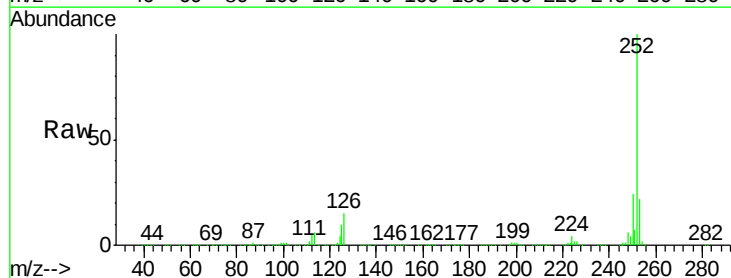
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1586667
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 80.23 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093055.D
Acq: 21 Feb 2017 5:23

Tgt Ion:252 Resp: 1587523
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

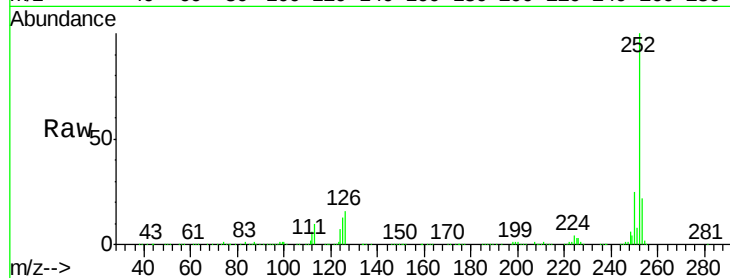
Tgt Ion:252 Resp: 772188

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

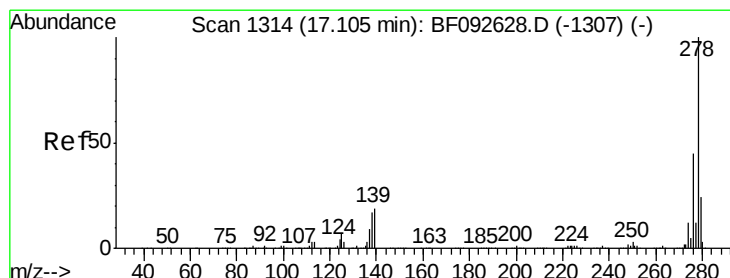
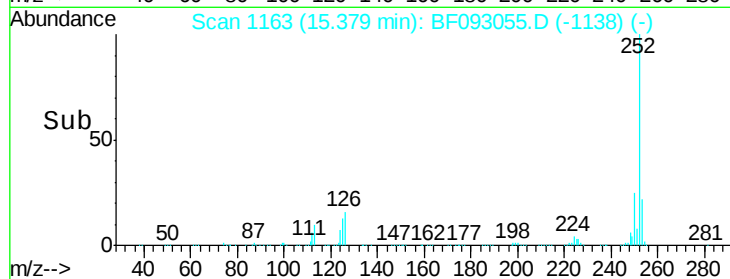
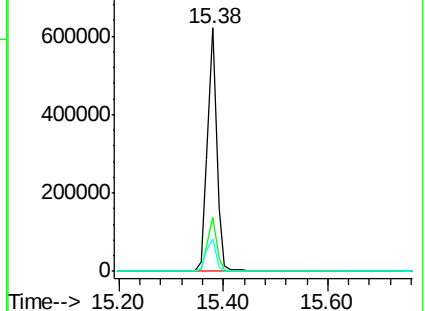
125 13.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.60 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF093055.D

Acq: 21 Feb 2017 5:23

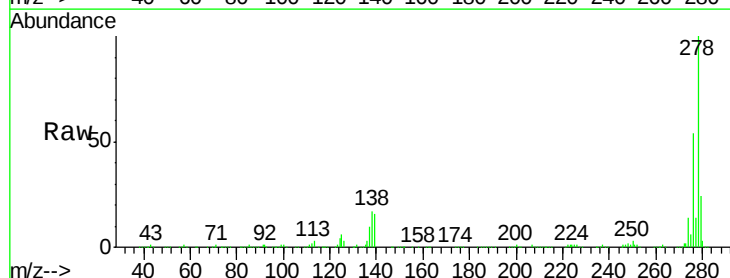
Tgt Ion:278 Resp: 778710

Ion Ratio Lower Upper

278 100

139 15.6 14.8 22.2

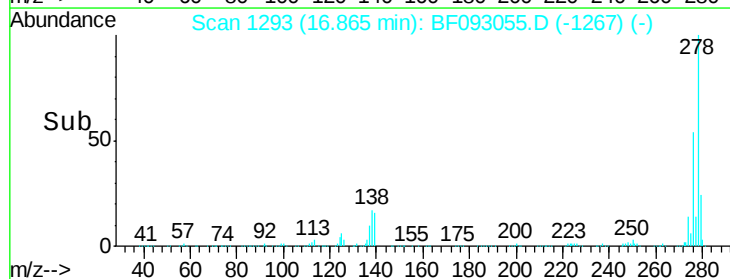
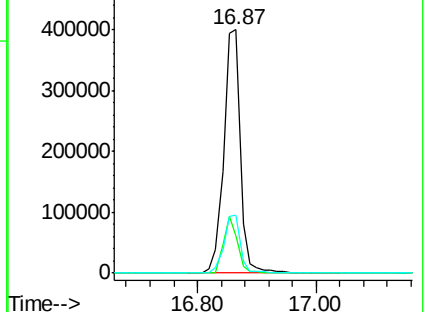
279 23.8 19.8 29.6

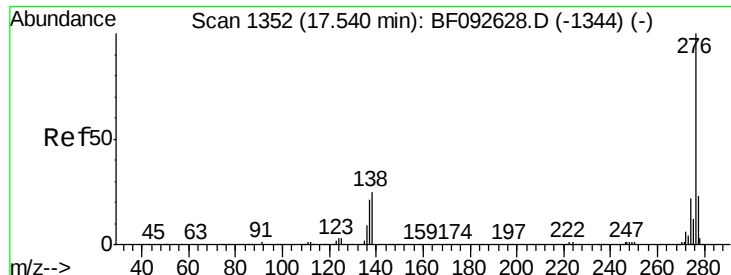


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.72 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093055.D

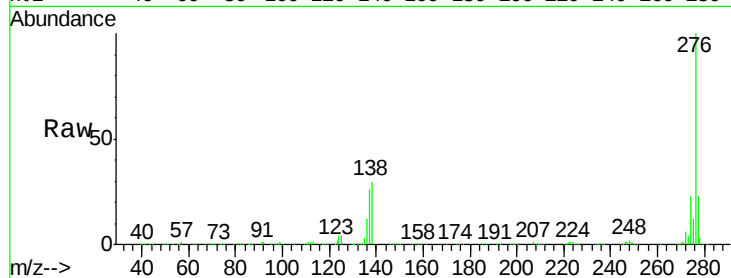
Acq: 21 Feb 2017 5:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	788587
Ion Ratio		Lower	Upper
276	100		
277	23.4	19.2	28.8
138	30.1	16.0	24.0

