

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093323.D
 Acq On : 2 Mar 2017 16:08
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 03 00:02:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	165926	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	642914	20.00	ng	-0.06
38) Acenaphthene-d10	9.86	164	322061	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	572698	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	417096	20.00	ng	-0.03
86) Perylene-d12	15.40	264	331769	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	801947	82.92	ng	-0.07
7) Phenol-d6	6.44	99	991365	79.67	ng	-0.05
23) Nitrobenzene-d5	7.38	82	996617	86.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	175303	75.26	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1324449	74.50	ng	-0.05
78) Terphenyl-d14	12.92	244	1353188	76.23	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	207152	39.64	ng	86
3) Pyridine	3.01	79	581715	43.78	ng	90
4) n-Nitrosodimethylamine	2.98	42	273177	43.78	ng	84
6) Aniline	6.45	93	676664	39.86	ng	# 72
8) 2-Chlorophenol	6.58	128	436165	40.88	ng	90
9) Benzaldehyde	6.34	77	315834	35.43	ng	90
10) Phenol	6.46	94	558115	38.33	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	462273	39.78	ng	90
12) 1,3-Dichlorobenzene	6.74	146	503552	40.29	ng	98
13) 1,4-Dichlorobenzene	6.81	146	505627	39.98	ng	99
14) 1,2-Dichlorobenzene	6.97	146	475818	39.34	ng	98
15) Benzyl Alcohol	6.96	79	351093	38.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	809810	40.11	ng	91
17) 2-Methylphenol	7.07	107	366395	40.03	ng	95
18) Hexachloroethane	7.31	117	179861	41.66	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	305068	38.51	ng	94
20) 3+4-Methylphenols	7.23	107	479044	43.77	ng	# 78
22) Acetophenone	7.22	105	611162	41.64	ng	# 97
24) Nitrobenzene	7.39	77	497000	41.92	ng	99
25) Isophorone	7.63	82	933366	43.39	ng	94
26) 2-Nitrophenol	7.71	139	246751	43.79	ng	98
27) 2,4-Dimethylphenol	7.76	122	410058	41.43	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	639743	44.90	ng	99
29) 2,4-Dichlorophenol	7.96	162	369131	39.99	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	381708	38.38	ng	94
31) Naphthalene	8.11	128	1233233	37.84	ng	99
32) Benzoic acid	7.90	122	160979	31.59	ng	98
33) 4-Chloroaniline	8.17	127	507111	39.68	ng	95
34) Hexachlorobutadiene	8.22	225	202271	36.96	ng	98
35) Caprolactam	8.56	113	121029	41.69	ng	# 34
36) 4-Chloro-3-methylphenol	8.67	107	411062	42.72	ng	92
37) 2-Methylnaphthalene	8.81	142	804238	38.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	391728	43.33	ng	99
40) Hexachlorocyclopentadiene	8.96	237	173929	42.64	ng	97

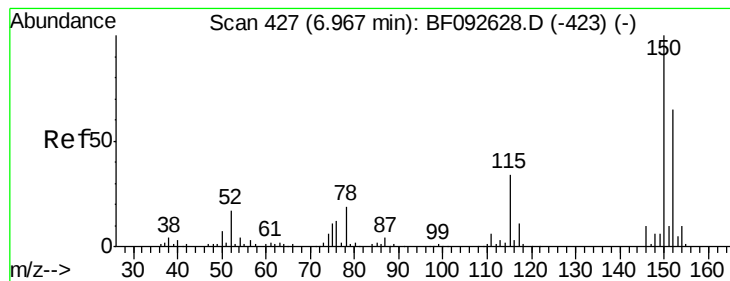
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	235279	39.61	ng	93
43) 2,4,5-Trichlorophenol	9.14	196	258677	39.74	ng	95
45) 1,1'-Biphenyl	9.28	154	1003496	43.03	ng	98
46) 2-Chloronaphthalene	9.30	162	752298	41.24	ng	96
47) 2-Nitroaniline	9.40	65	265139	43.23	ng	89
48) Acenaphthylene	9.71	152	1257845	39.91	ng	99
49) Dimethylphthalate	9.58	163	939385	43.30	ng	100
50) 2,6-Dinitrotoluene	9.65	165	227454	48.55	ng	94
51) Acenaphthene	9.89	154	743227	39.44	ng	97
52) 3-Nitroaniline	9.82	138	264528	49.34	ng	94
53) 2,4-Dinitrophenol	9.94	184	105375	46.33	ng	# 42
54) Dibenzofuran	10.06	168	998394	39.62	ng	92
55) 4-Nitrophenol	10.01	139	124325	32.20	ng	83
56) 2,4-Dinitrotoluene	10.06	165	256142	41.07	ng	94
57) Fluorene	10.41	166	878823	45.33	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	179185	41.27	ng	99
59) Diethylphthalate	10.28	149	873665	42.74	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	373948	40.15	ng	88
61) 4-Nitroaniline	10.44	138	250644	45.64	ng	94
62) Azobenzene	10.56	77	980286	46.41	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	149669	43.22	ng	# 58
65) n-Nitrosodiphenylamine	10.52	169	762459	41.68	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	236772	39.57	ng	# 88
67) Hexachlorobenzene	10.96	284	229415	38.80	ng	96
68) Atrazine	11.05	200	210866	35.92	ng	99
69) Pentachlorophenol	11.16	266	100788	37.25	ng	97
70) Phenanthrene	11.37	178	1271282	38.75	ng	98
71) Anthracene	11.41	178	1222376	37.10	ng	99
72) Carbazole	11.57	167	1195382	37.95	ng	99
73) Di-n-butylphthalate	11.91	149	1445272	42.43	ng	# 96
74) Fluoranthene	12.56	202	1315545	38.87	ng	94
76) Benzidine	12.68	184	690507	38.85	ng	98
77) Pyrene	12.79	202	1334110	42.74	ng	99
79) Butylbenzylphthalate	13.39	149	555826	43.85	ng	100
80) Benzo(a)anthracene	13.97	228	1027550	40.28	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	349791	38.47	ng	99
82) Chrysene	14.01	228	1019145	42.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	787724	45.44	ng	# 97
84) Di-n-octyl phthalate	14.56	149	1210203	42.87	ng	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	675598	36.52	ng	# 93
87) Benzo(b)fluoranthene	15.03	252	1657898	75.92	ng	97
88) Benzo(k)fluoranthene	15.03	252	1657898	87.93	ng	98
89) Benzo(a)pyrene	15.35	252	751839	39.80	ng	97
90) Dibenzo(a,h)anthracene	16.80	278	576982	37.79	ng	96
91) Benzo(g,h,i)perylene	17.21	276	601631	39.01	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

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ClientSampleId :

SSTDCCC040

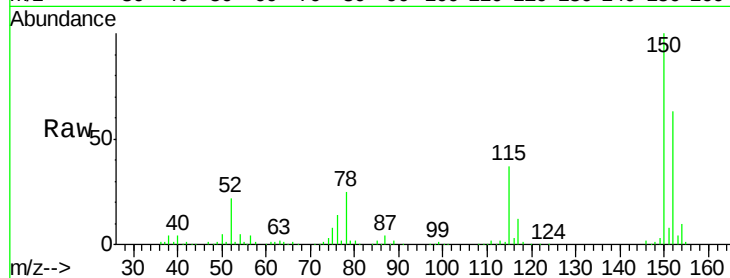
Tgt Ion:152 Resp: 165926

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

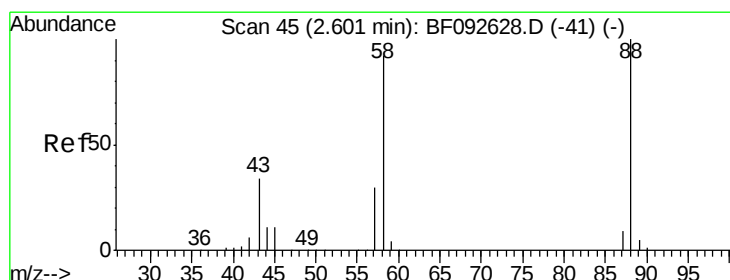
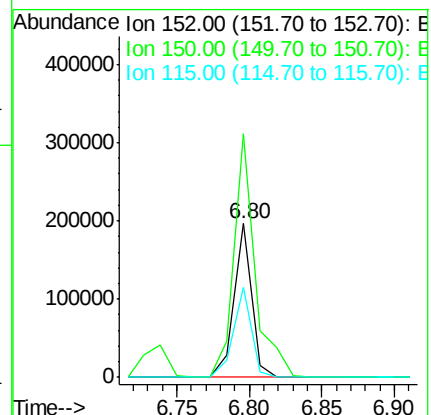
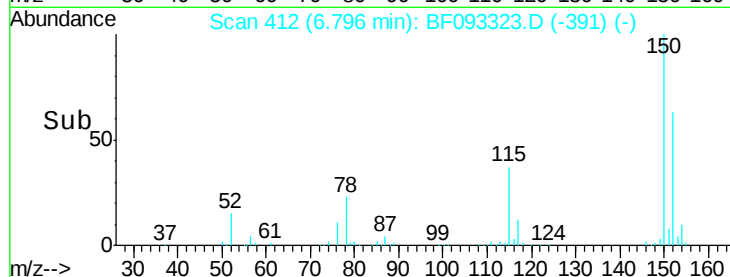
115 58.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.64 ng

RT: 2.32 min Scan# 20

Delta R.T. -0.11 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

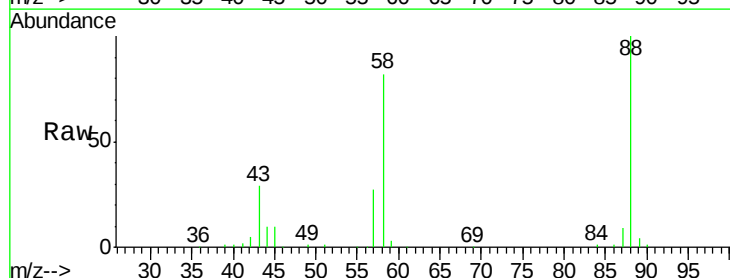
Tgt Ion: 88 Resp: 207152

Ion Ratio Lower Upper

88 100

58 86.3 57.8 86.8

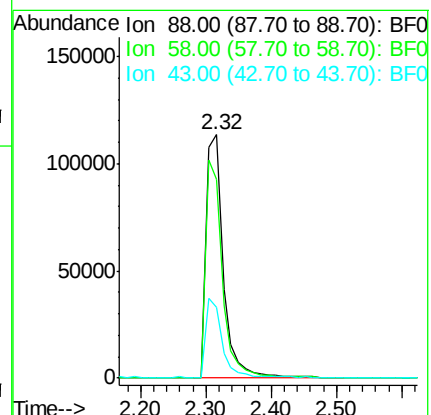
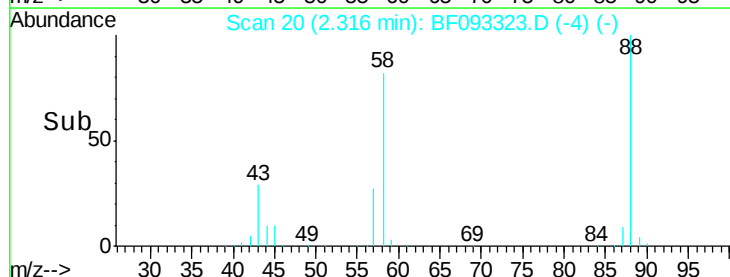
43 31.4 22.3 33.5



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: 43.78 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.14 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

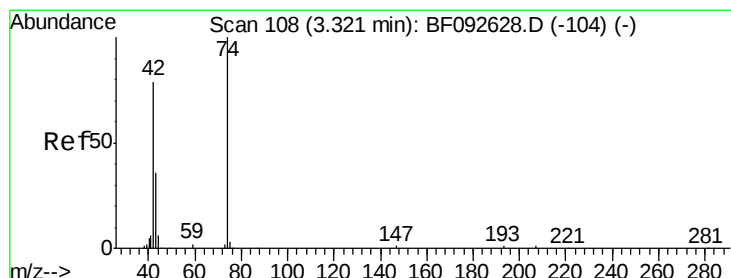
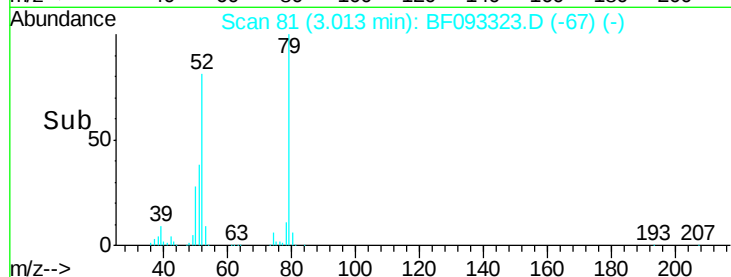
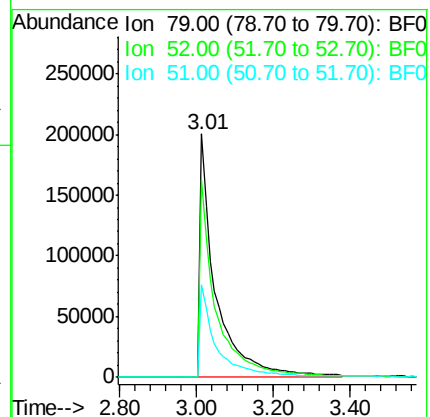
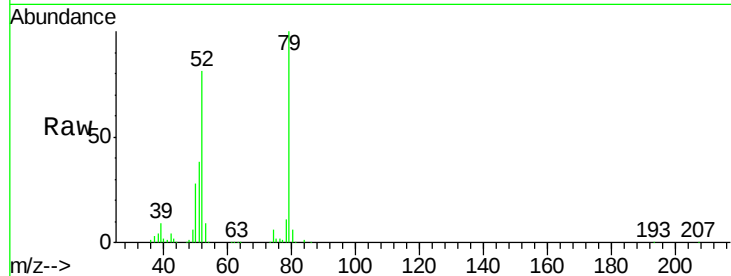
Tgt Ion: 79 Resp: 581715

Ion Ratio Lower Upper

79 100

52 81.2 57.1 85.7

51 38.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.78 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.13 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

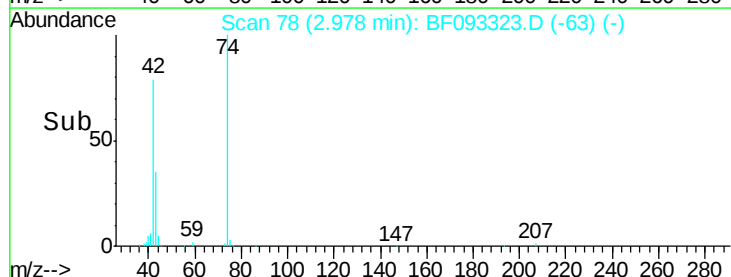
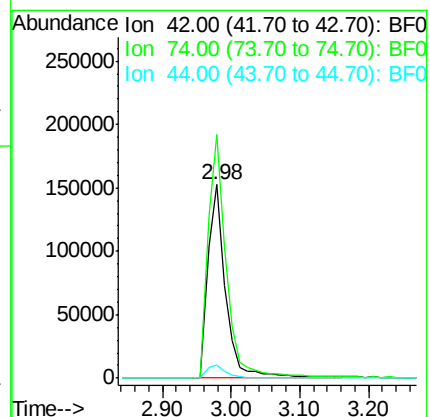
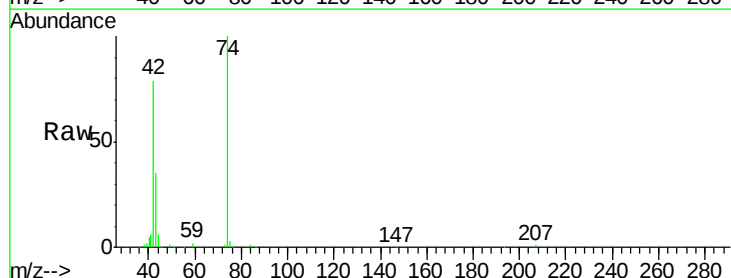
Tgt Ion: 42 Resp: 273177

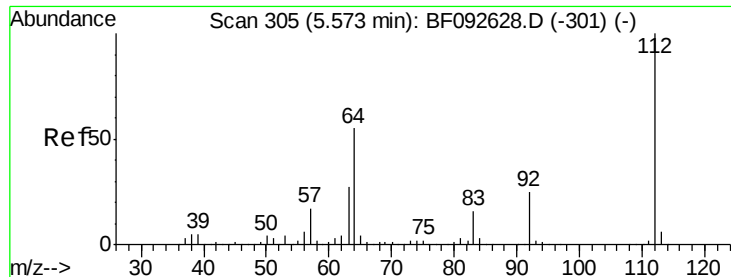
Ion Ratio Lower Upper

42 100

74 125.9 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 82.92 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

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ClientSampleId :

SSTDCCC040

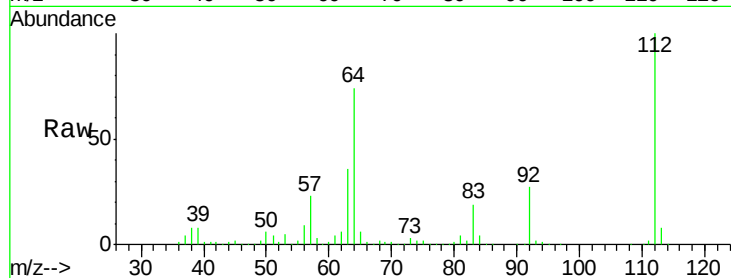
Tgt Ion: 112 Resp: 801947

Ion Ratio Lower Upper

112 100

64 73.5 46.1 69.1#

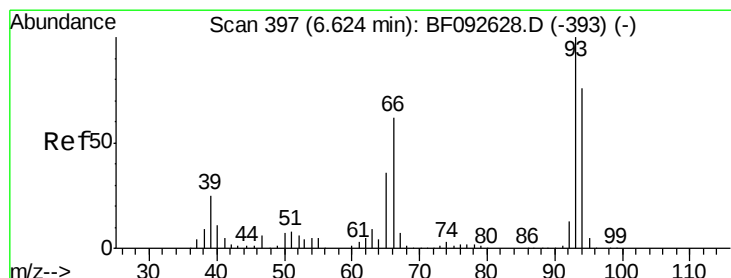
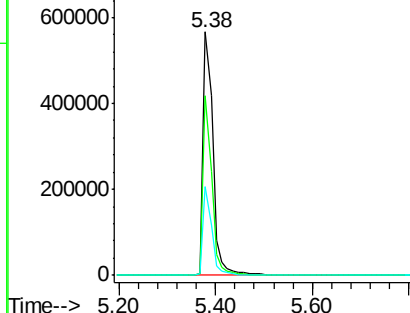
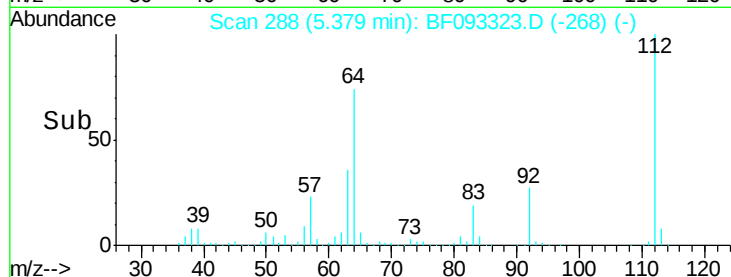
63 36.3 23.8 35.6#



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: 39.86 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

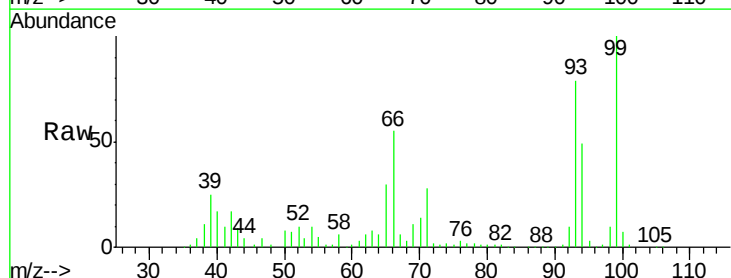
Tgt Ion: 93 Resp: 676664

Ion Ratio Lower Upper

93 100

66 69.4 76.2 114.2#

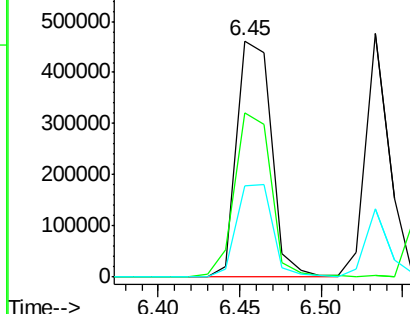
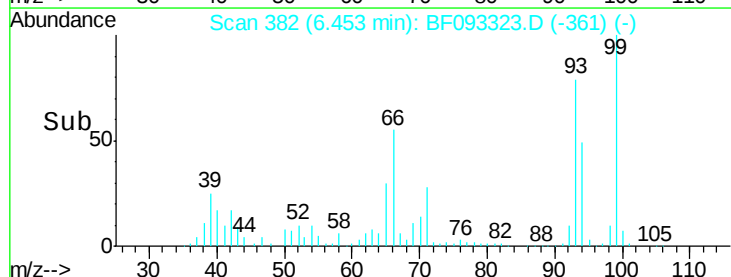
65 38.4 49.3 73.9#

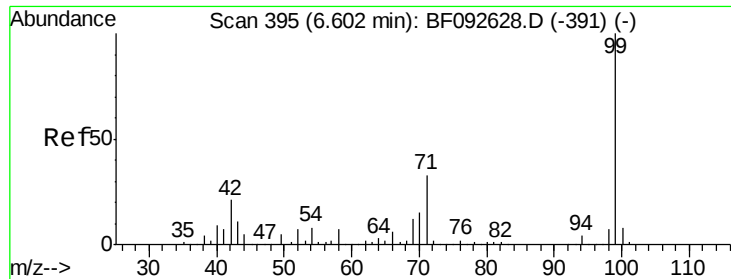


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.67 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

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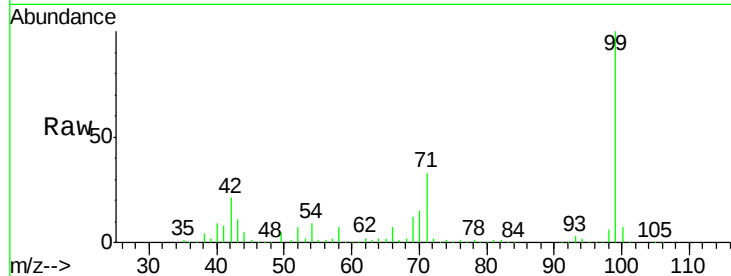
Tgt Ion: 99 Resp: 991365

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

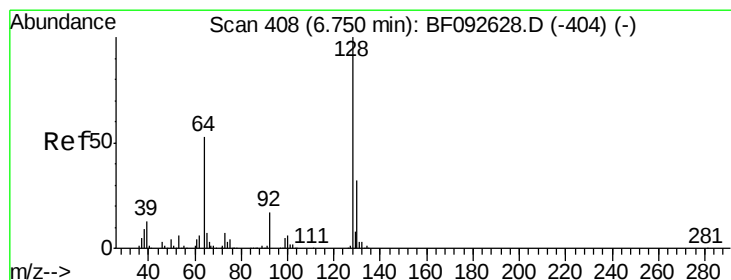
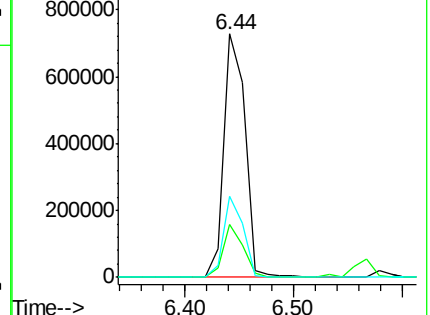
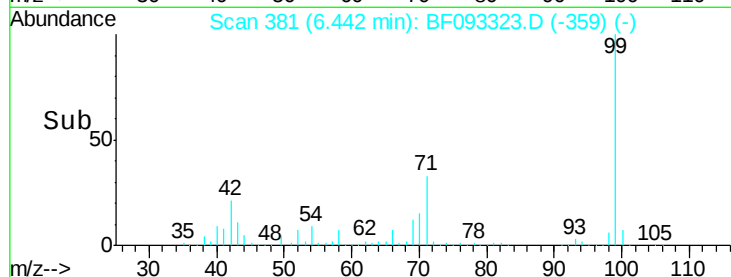
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.88 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

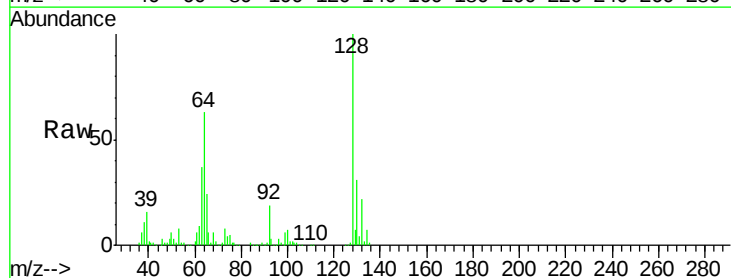
Tgt Ion: 128 Resp: 436165

Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

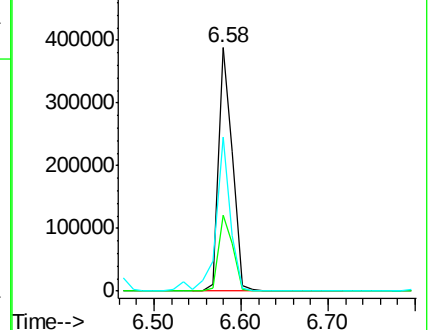
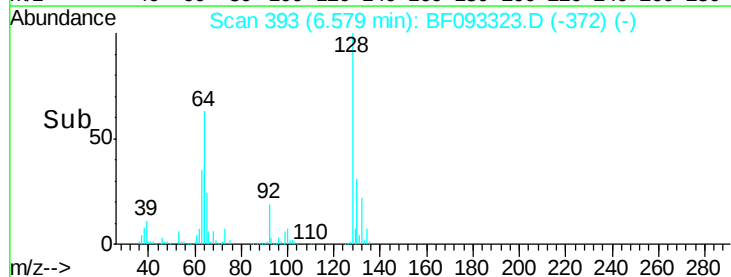
64 63.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.43 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

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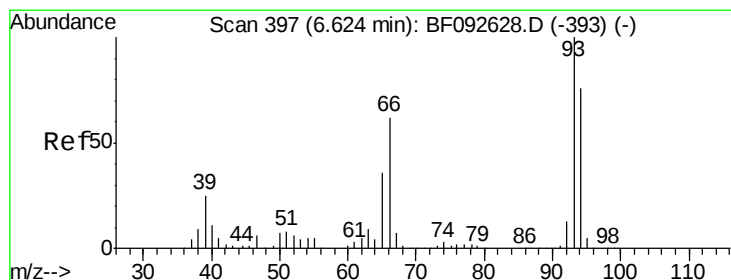
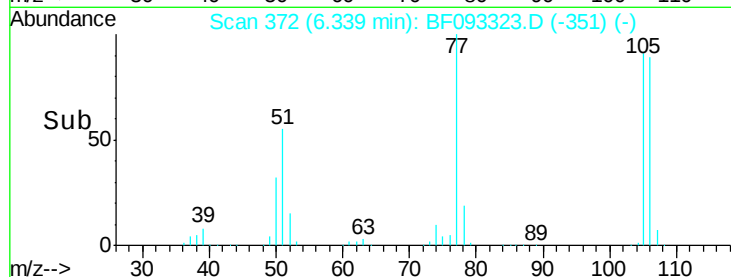
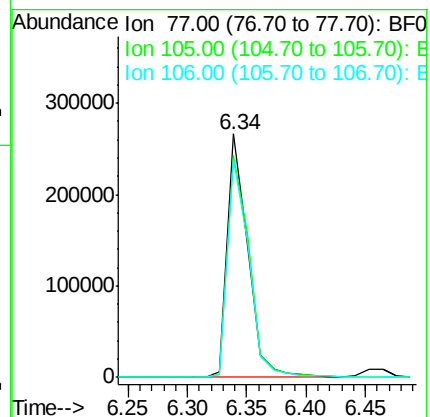
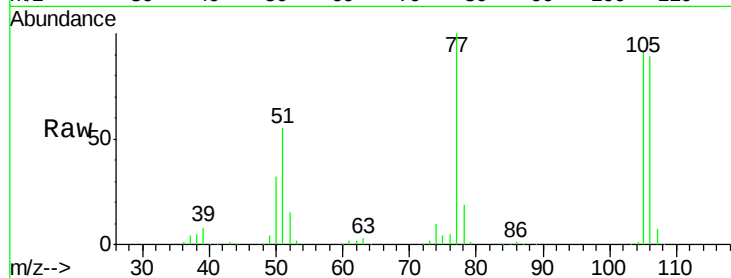
Tgt Ion: 77 Resp: 315834

Ion Ratio Lower Upper

77 100

105 91.3 83.9 123.9

106 89.4 77.6 117.6



#10

Phenol

Concen: 38.33 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

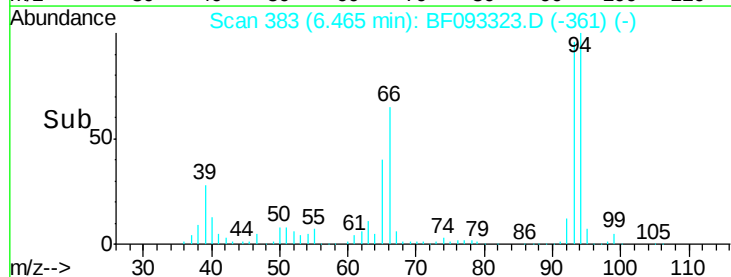
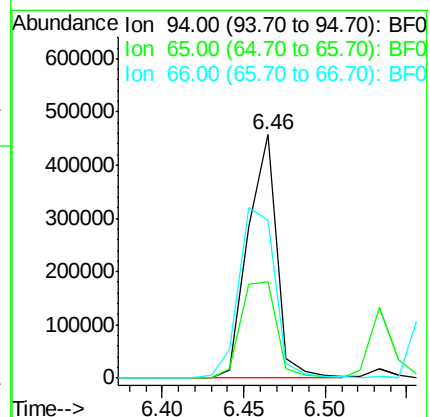
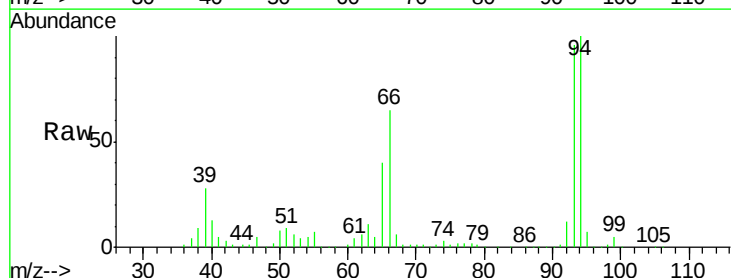
Tgt Ion: 94 Resp: 558115

Ion Ratio Lower Upper

94 100

65 39.6 21.4 61.4

66 65.0 44.0 84.0

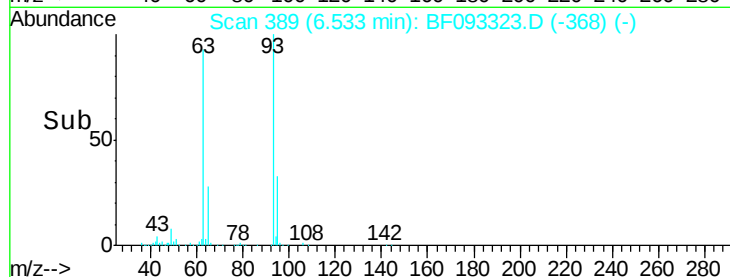
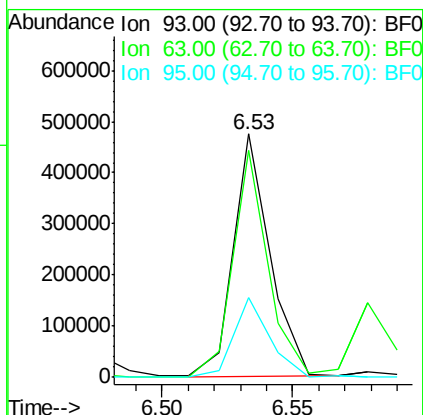
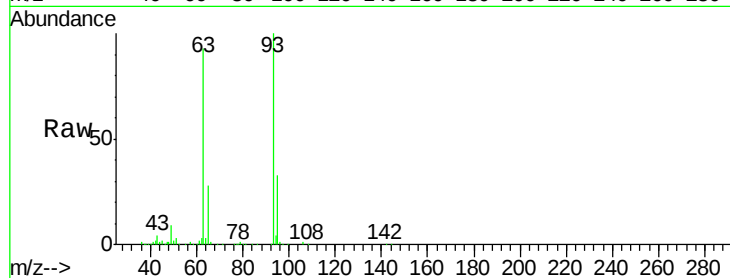




#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

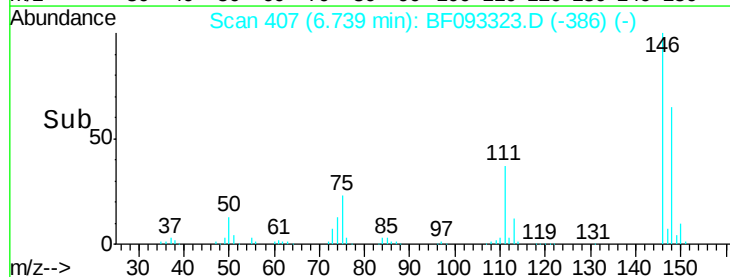
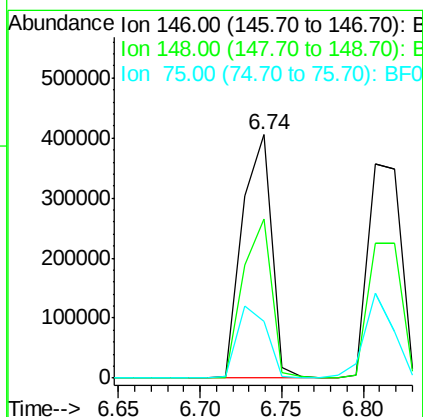
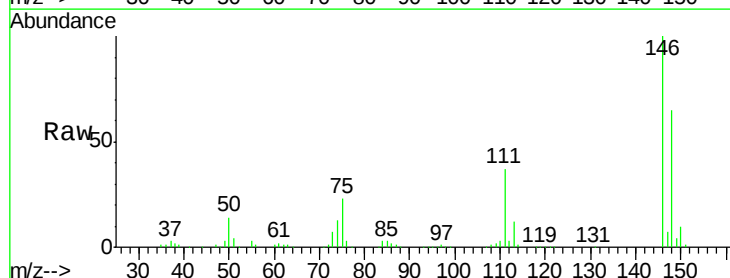
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

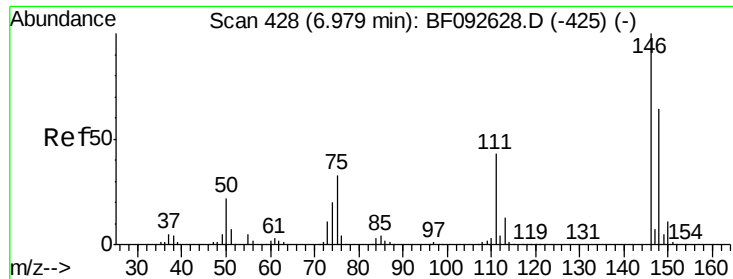
Tgt Ion: 93 Resp: 462273
Ion Ratio Lower Upper
93 100
63 93.0 60.4 100.4
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.29 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion: 146 Resp: 503552
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 23.3 18.5 27.7

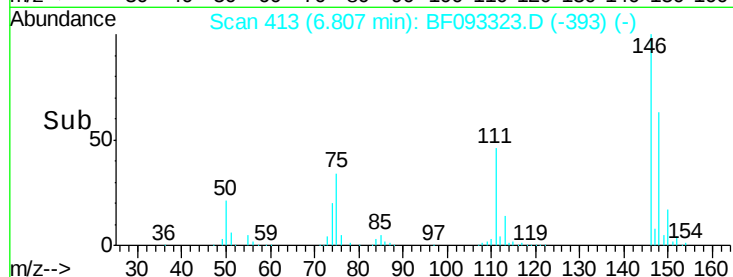
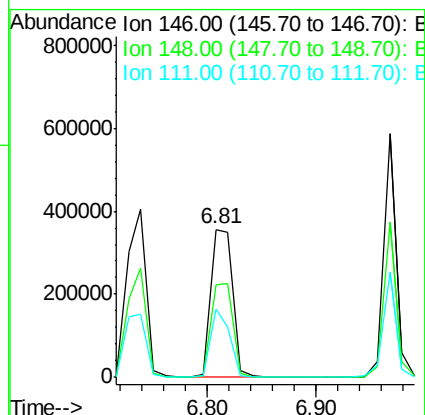
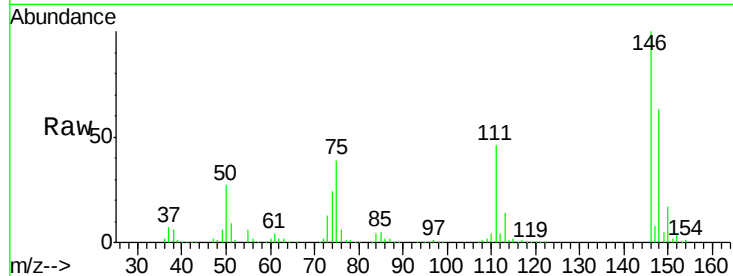




#13
 1,4-Dichlorobenzene
 Concen: 39.98 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.07 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

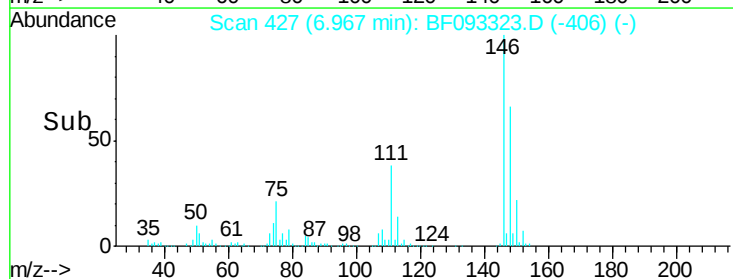
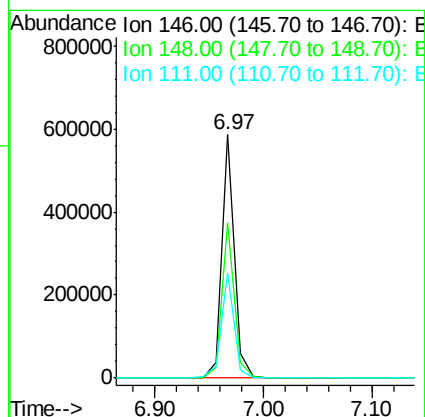
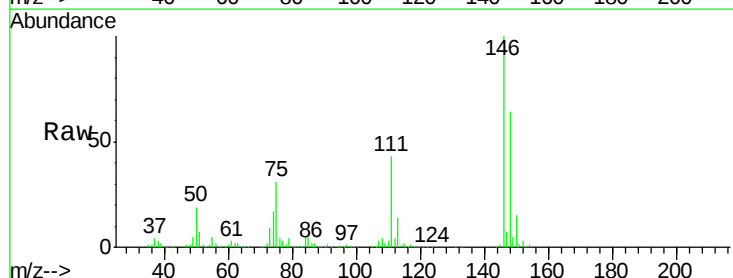
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

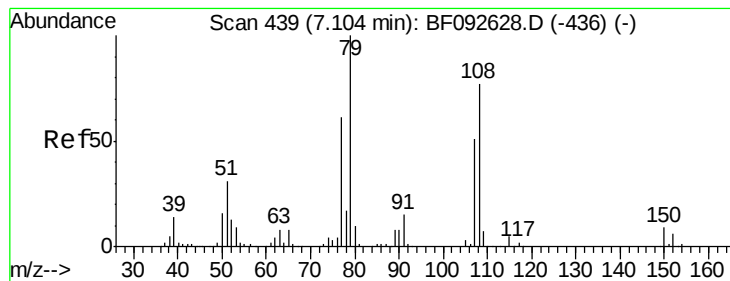
Tgt Ion:146 Resp: 505627
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 45.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.34 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:146 Resp: 475818
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 43.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

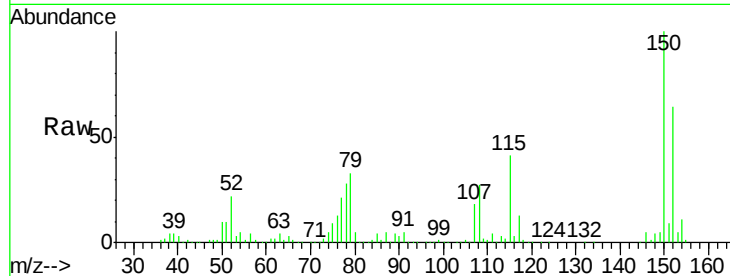
Tgt Ion: 79 Resp: 351093

Ion Ratio Lower Upper

79 100

108 80.3 61.4 92.0

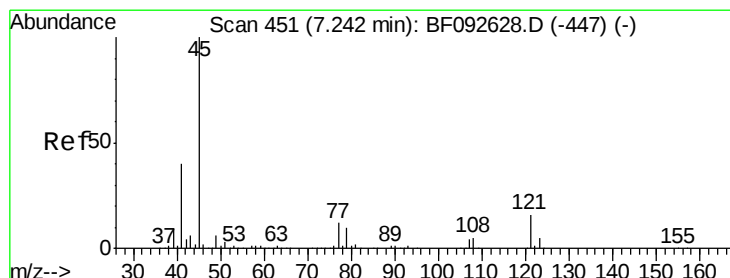
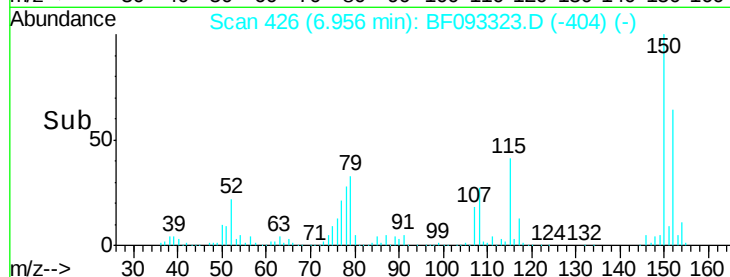
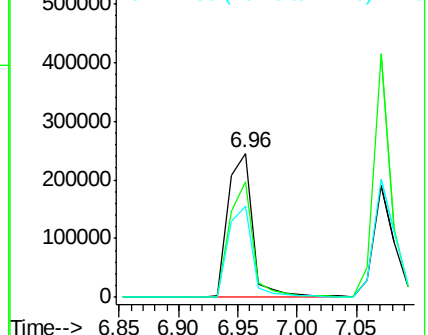
77 63.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.11 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

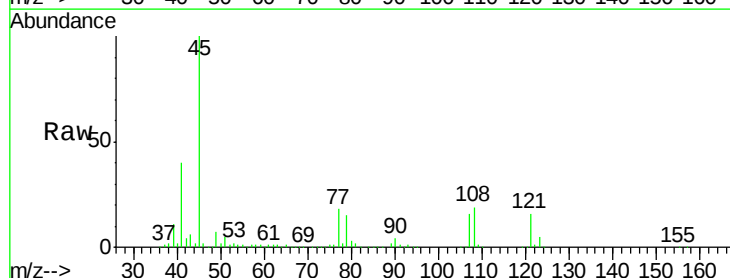
Tgt Ion: 45 Resp: 809810

Ion Ratio Lower Upper

45 100

77 17.9 0.0 34.6

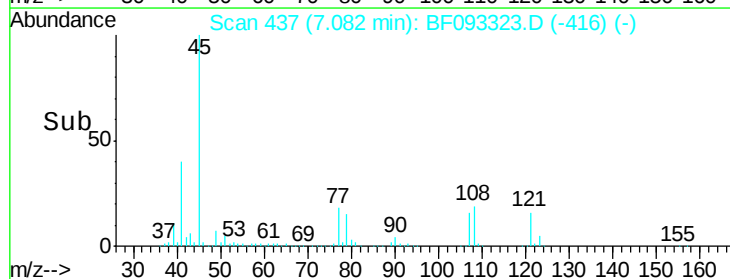
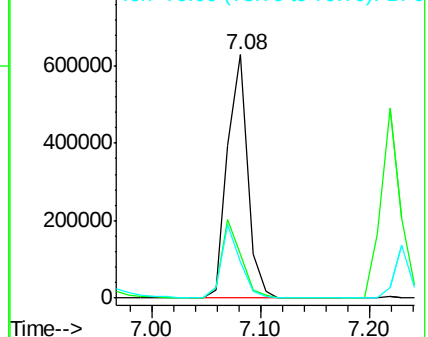
79 14.9 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

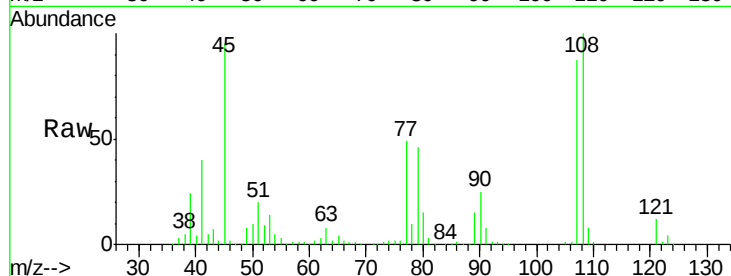




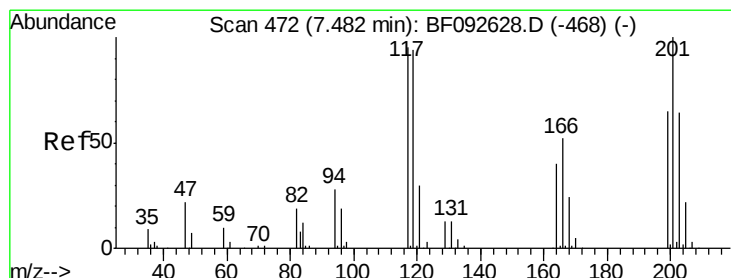
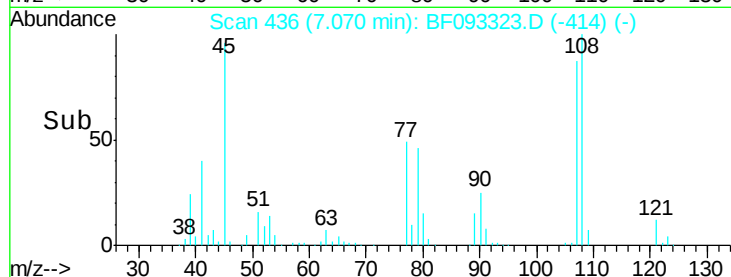
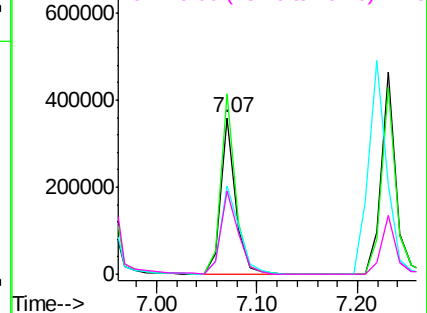
#17
2-Methylphenol
Concen: 40.03 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 366395
Ion Ratio Lower Upper
107 100
108 115.3 93.0 139.6
77 56.1 39.8 59.8
79 53.2 38.0 57.0

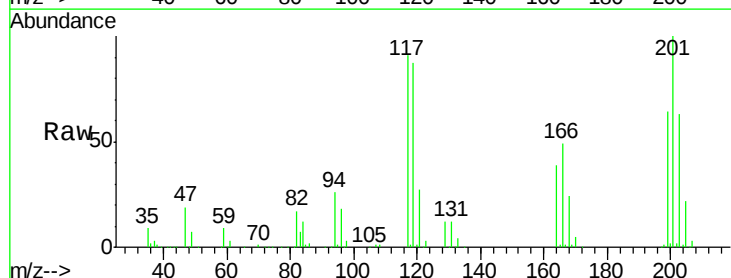


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

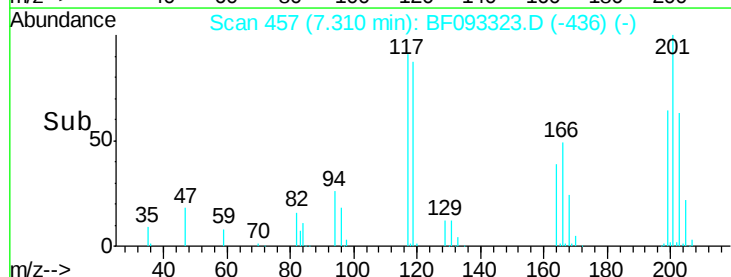
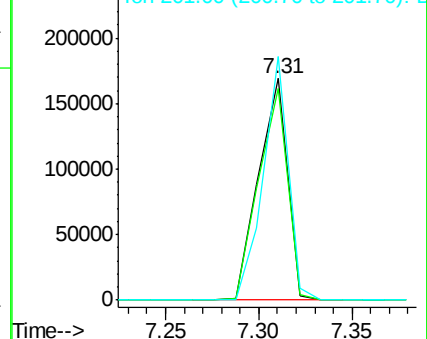


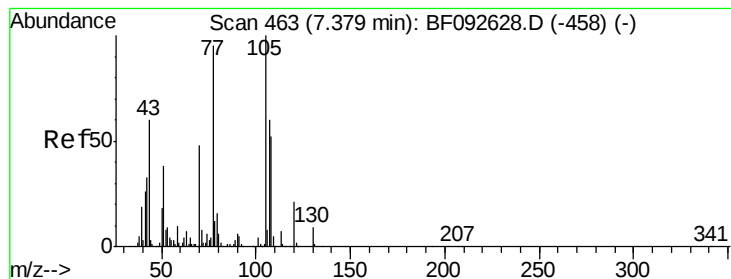
#18
Hexachloroethane
Concen: 41.66 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:117 Resp: 179861
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
201 110.0 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: 38.51 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 305068

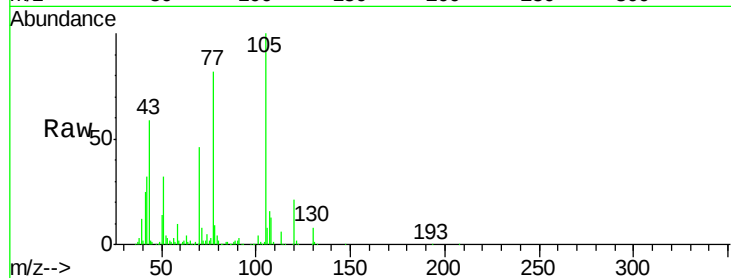
Ion Ratio Lower Upper

70 100

42 68.1 49.4 74.0

101 9.0 7.4 11.2

130 16.6 14.2 21.4



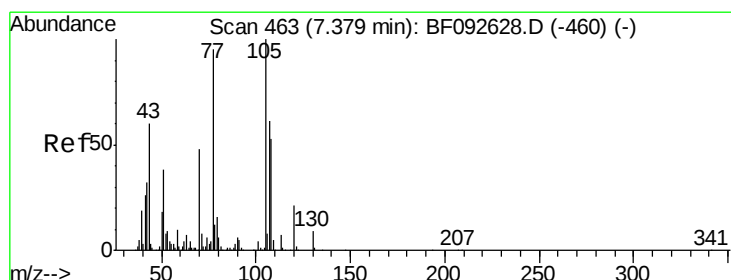
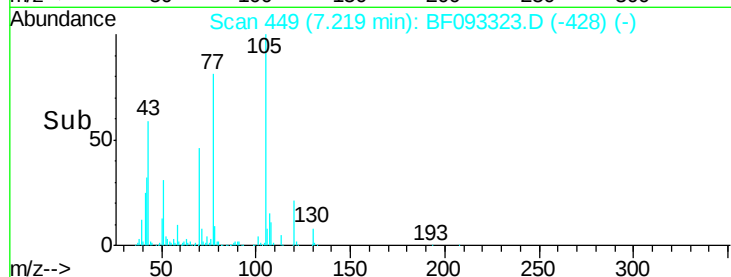
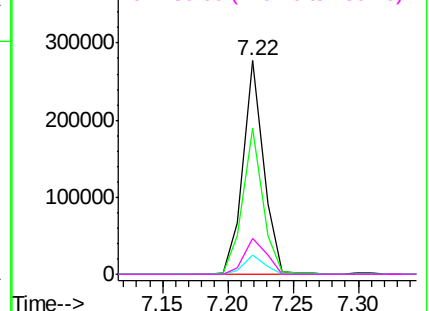
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.77 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion: 107 Resp: 479044

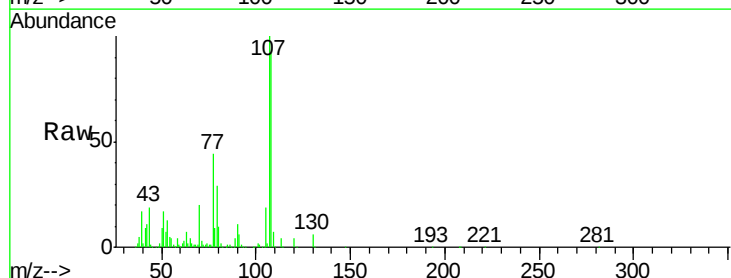
Ion Ratio Lower Upper

107 100

108 92.4 73.0 113.0

77 44.2 71.3 111.3#

79 29.3 11.1 51.1



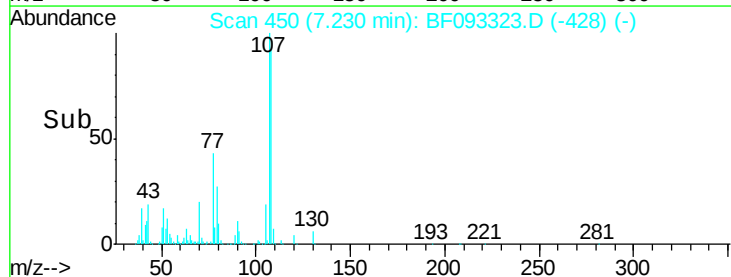
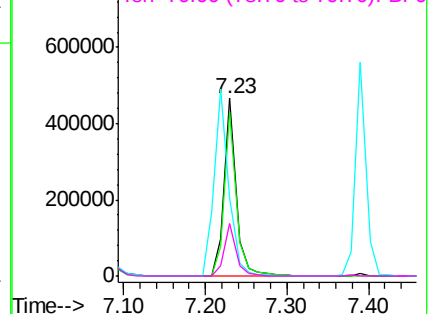
Abundance

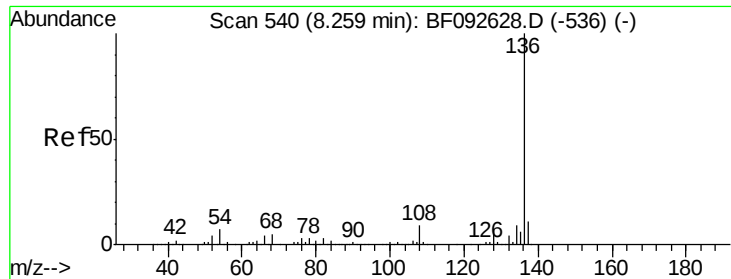
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

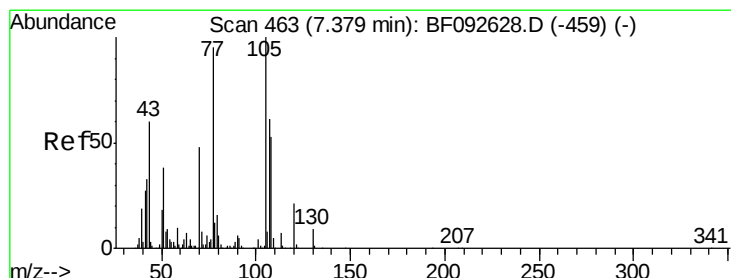
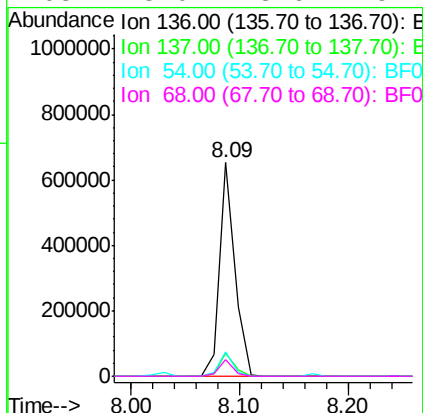
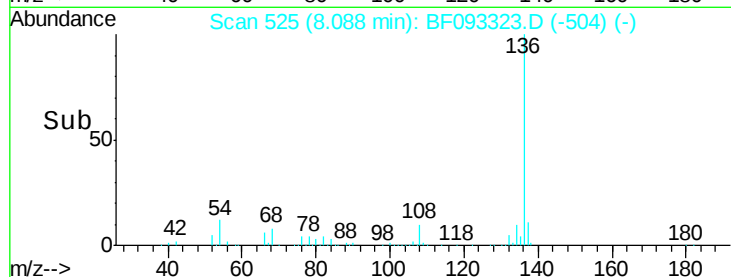
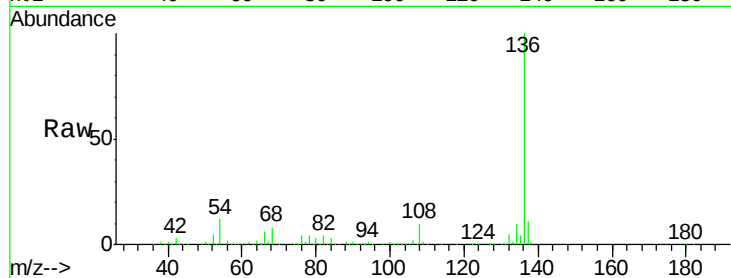




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

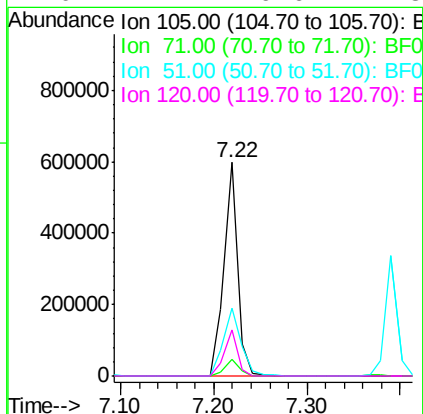
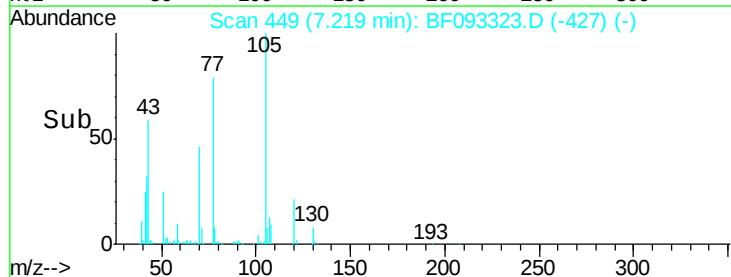
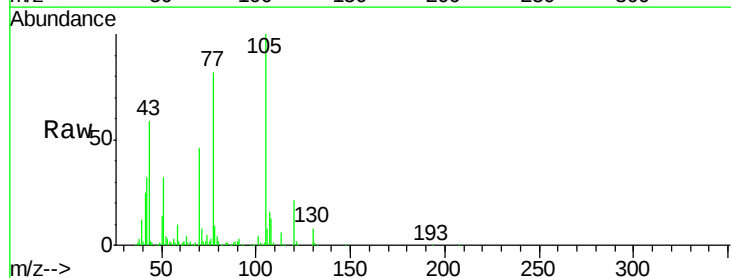
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	642914
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.6	4.5	6.7#
68	8.0	3.6	5.4#



#22
Acetophenone
Concen: 41.64 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:	105	Resp:	611162
Ion	Ratio	Lower	Upper
105	100		
71	7.9	3.2	4.8#
51	31.7	26.2	39.4
120	21.4	16.6	24.8

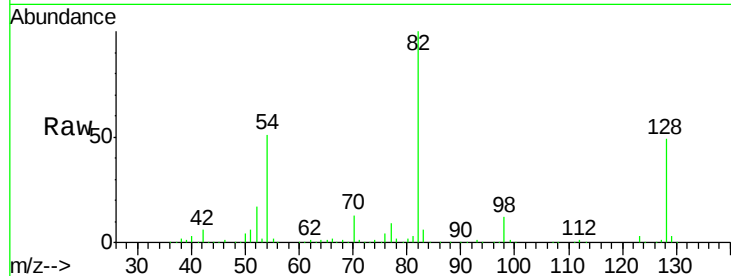




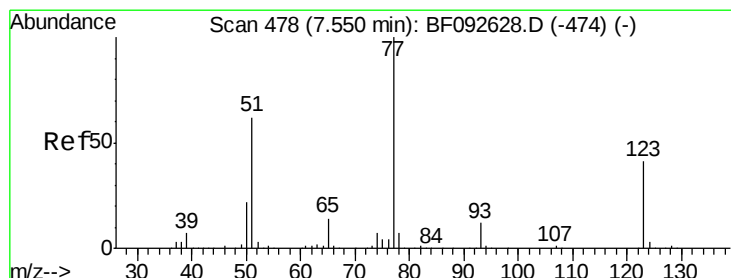
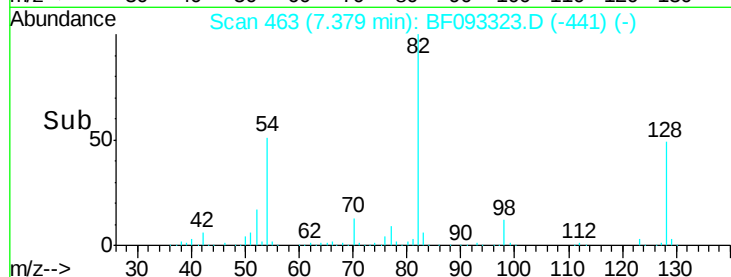
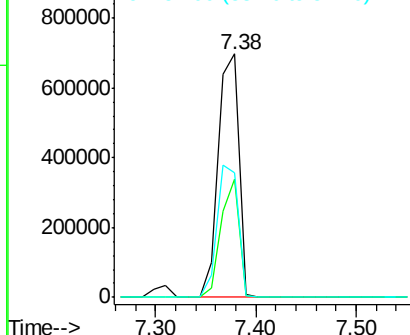
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 996617
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.6 52.0
 54 51.2 39.5 59.3

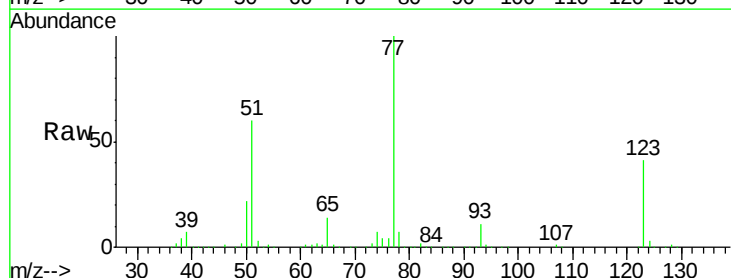


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

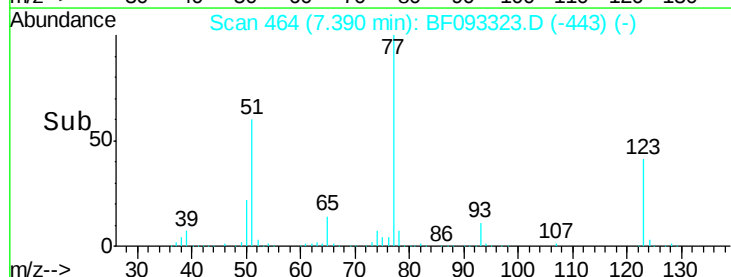
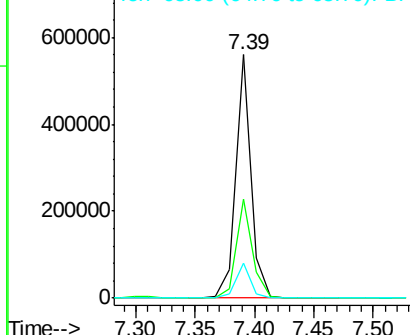


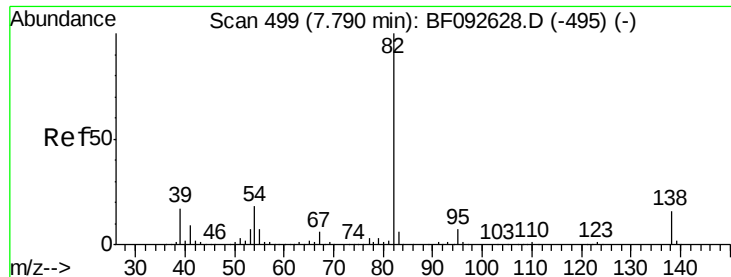
#24
 Nitrobenzene
 Concen: 41.92 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion: 77 Resp: 497000
 Ion Ratio Lower Upper
 77 100
 123 40.7 33.0 49.4
 65 14.3 11.2 16.8



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





#25

Isophorone

Concen: 43.39 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

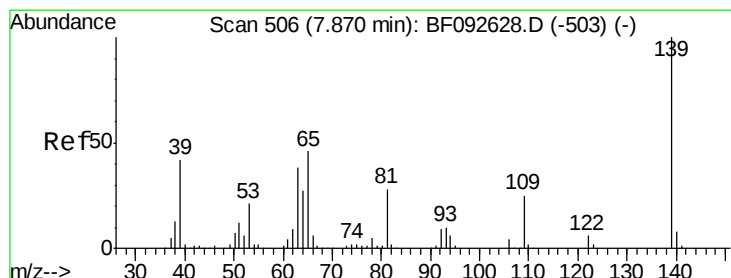
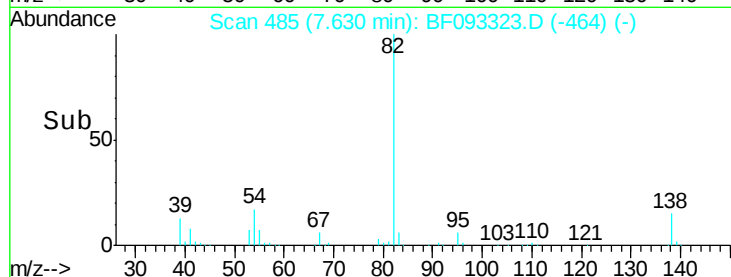
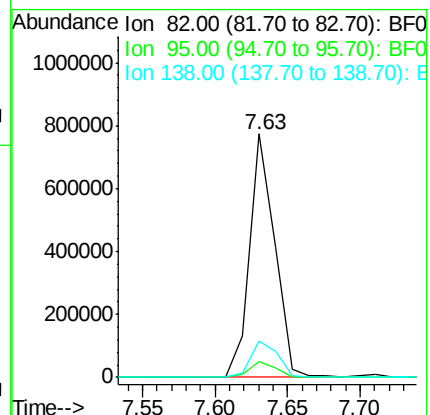
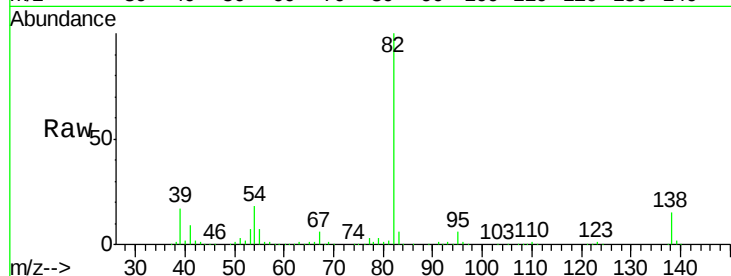
Tgt Ion: 82 Resp: 933366

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 14.9 14.6 22.0



#26

2-Nitrophenol

Concen: 43.79 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

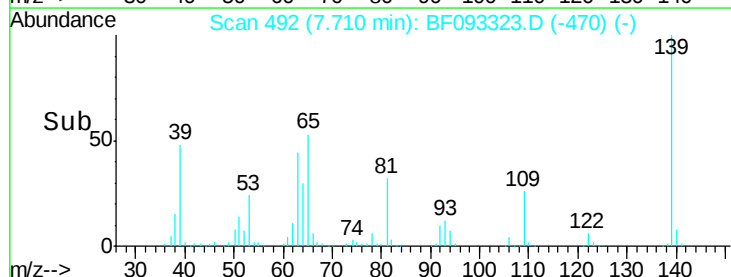
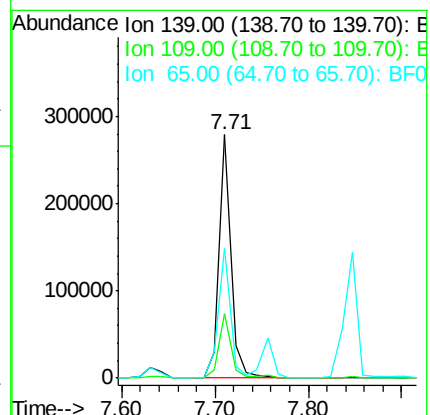
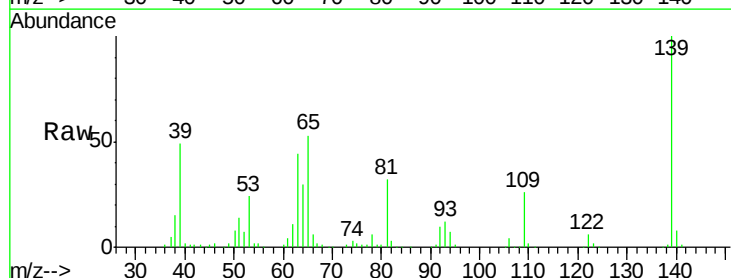
Tgt Ion: 139 Resp: 246751

Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

65 53.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.43 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

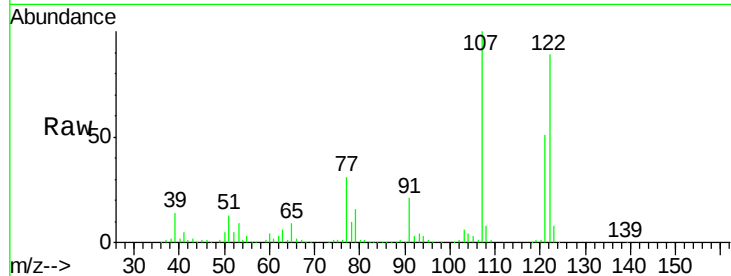
Tgt Ion:122 Resp: 410058

Ion Ratio Lower Upper

122 100

107 112.0 94.1 141.1

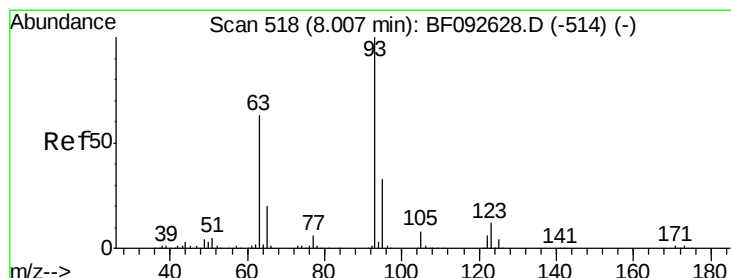
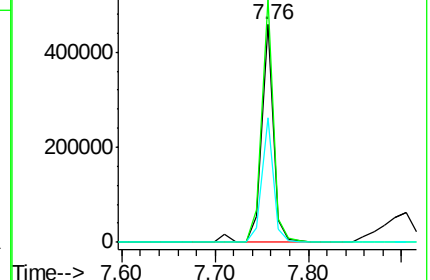
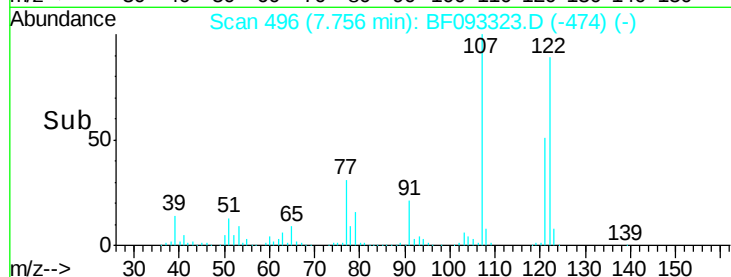
121 57.4 46.0 69.0



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: 44.90 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

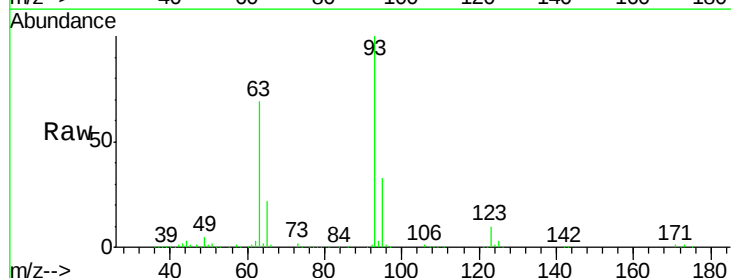
Tgt Ion: 93 Resp: 639743

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

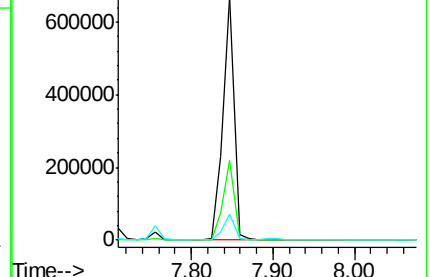
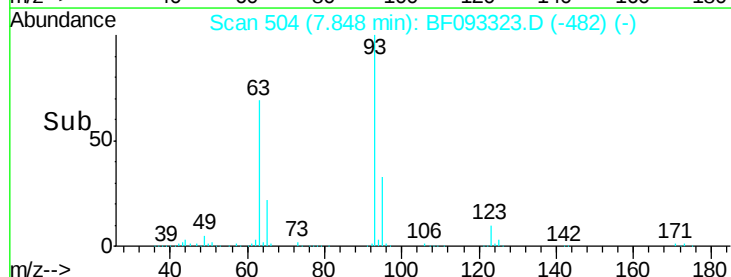
123 10.5 8.6 13.0

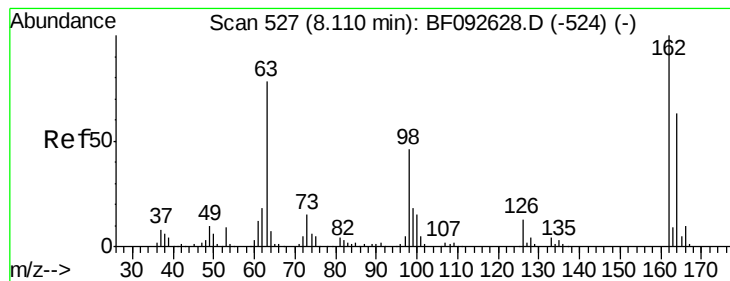


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

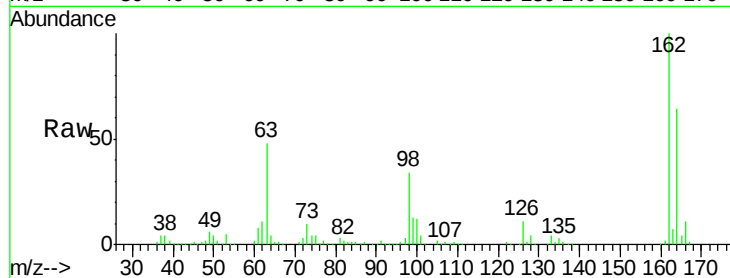




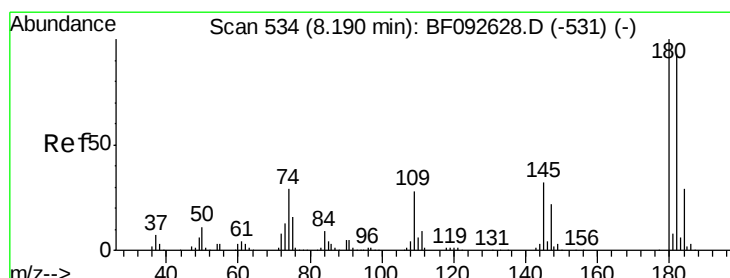
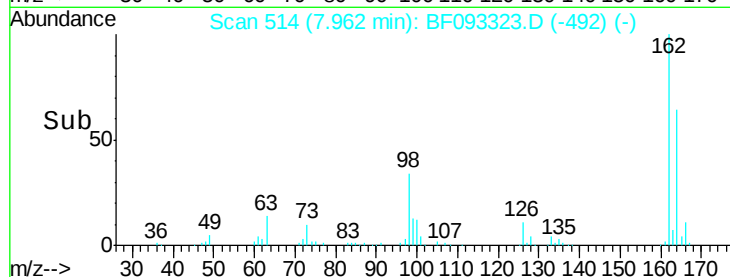
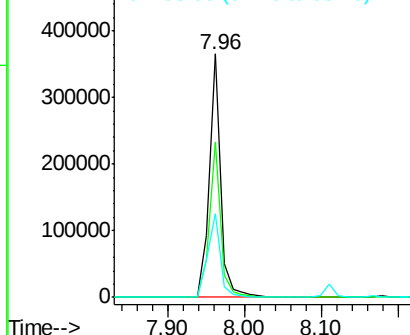
#29
2,4-Dichlorophenol
Concen: 39.99 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	46.8	86.8
98	34.3	9.1	49.1

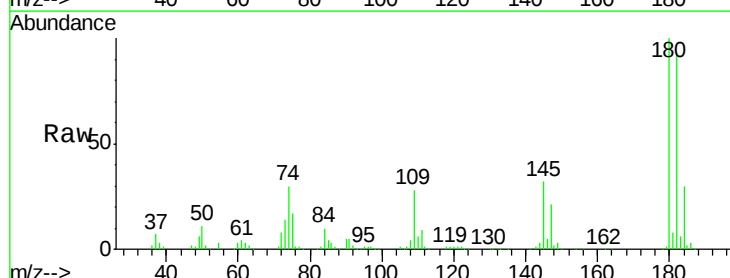


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

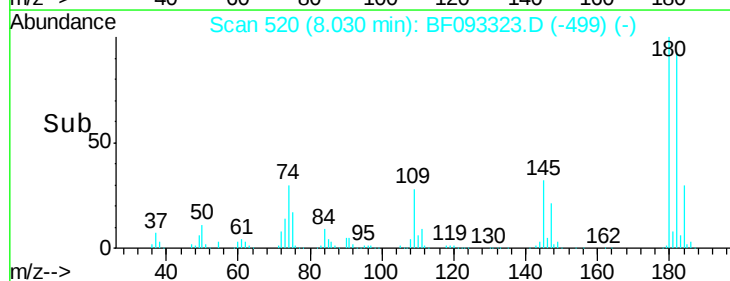
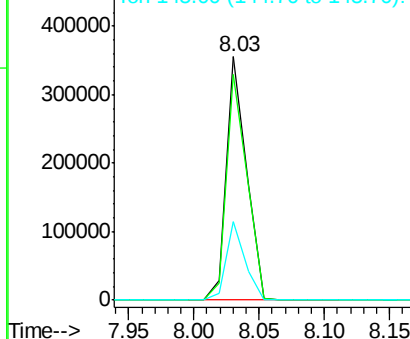


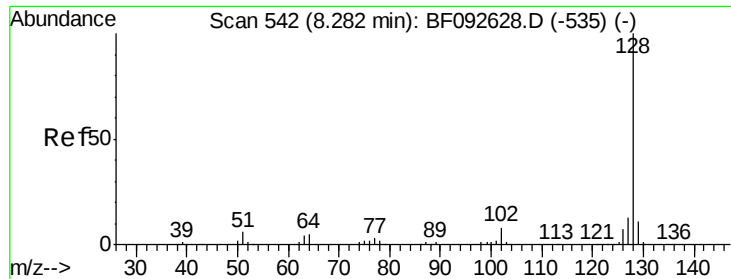
#30
1,2,4-Trichlorobenzene
Concen: 38.38 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

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

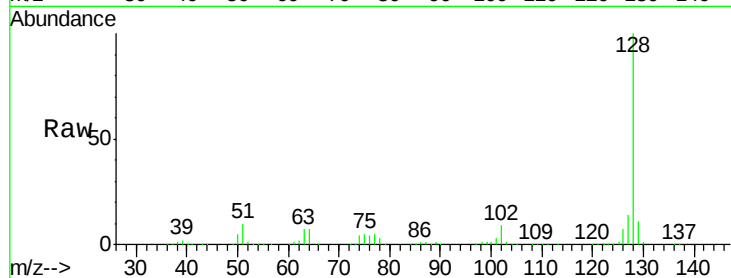




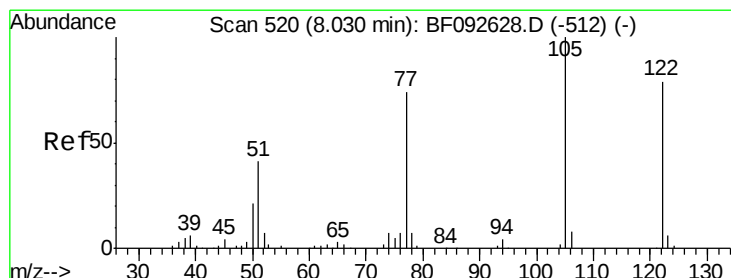
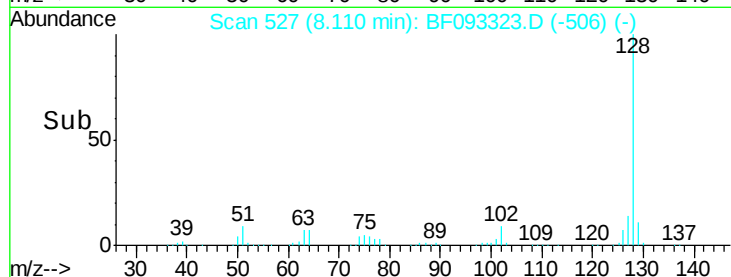
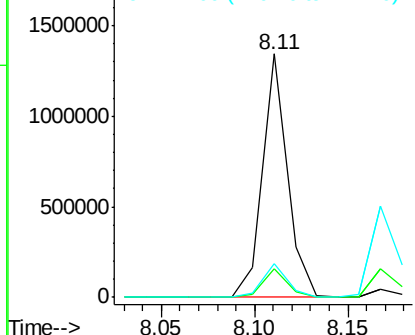
#31
Naphthalene
Concen: 37.84 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1233233
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 10.8 16.2

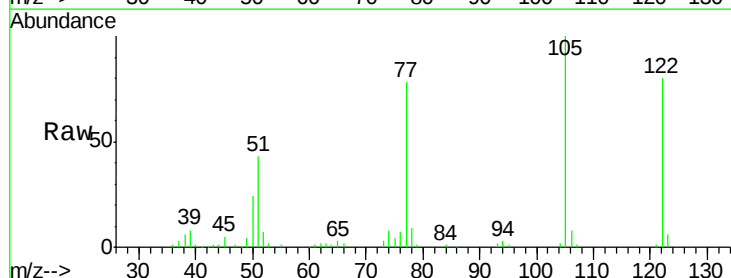


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

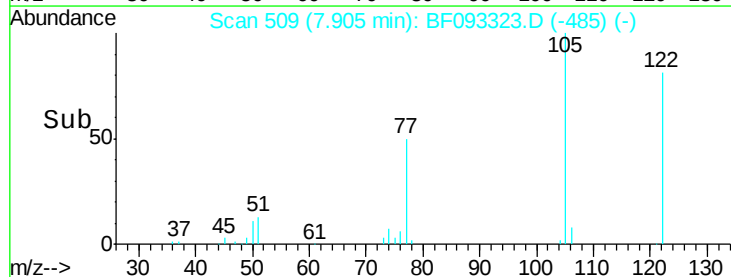
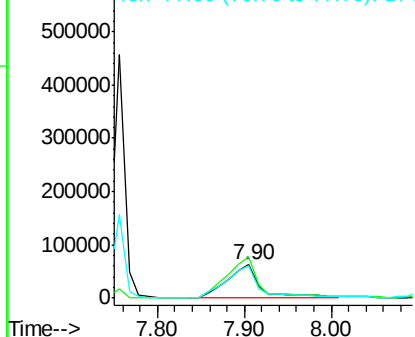


#32
Benzoic acid
Concen: 31.59 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:122 Resp: 160979
Ion Ratio Lower Upper
122 100
105 125.3 107.2 147.2
77 97.7 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

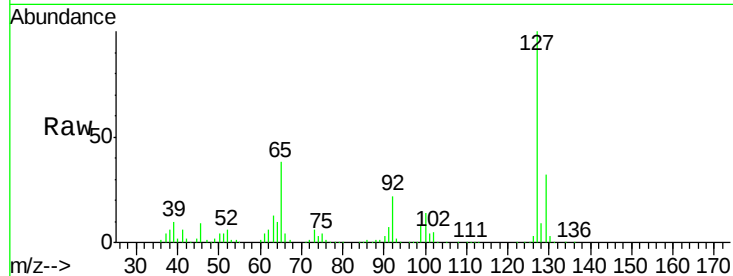




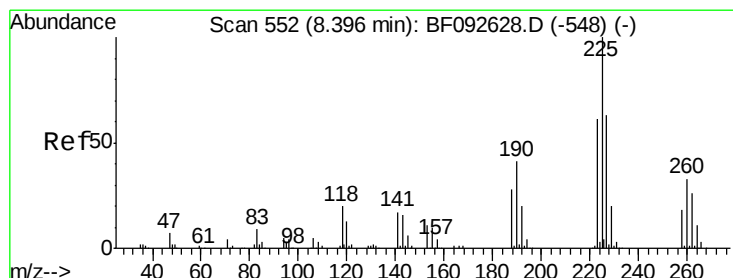
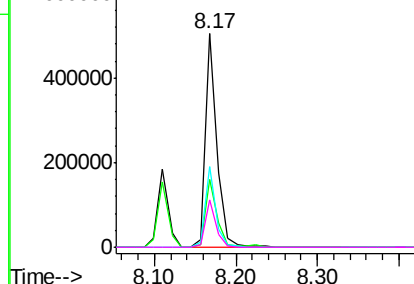
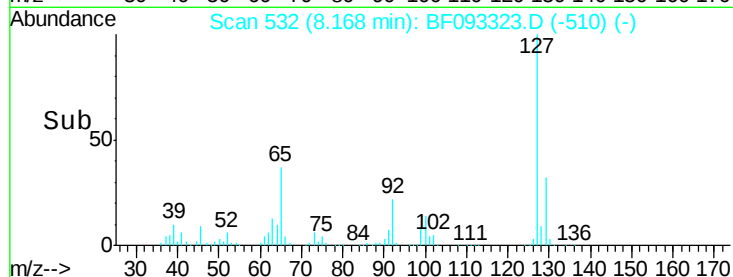
#33
4-Chloroaniline
Concen: 39.68 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	507111
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	37.5	25.8	38.8
92	22.4	16.1	24.1

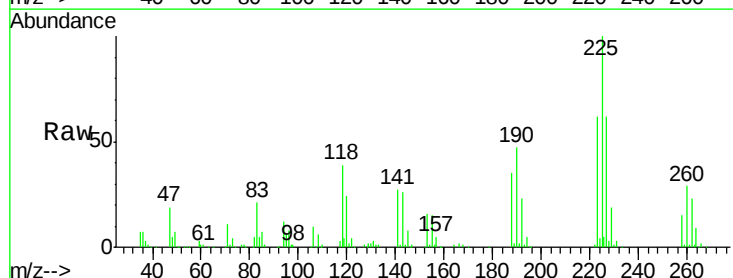


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

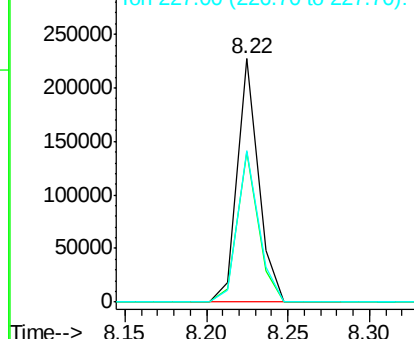
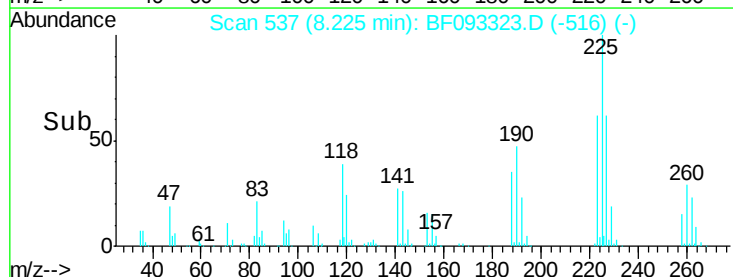


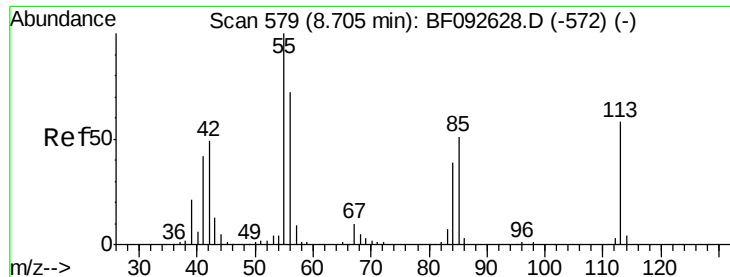
#34
Hexachlorobutadiene
Concen: 36.96 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:	225	Resp:	202271
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	62.1	50.6	76.0



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

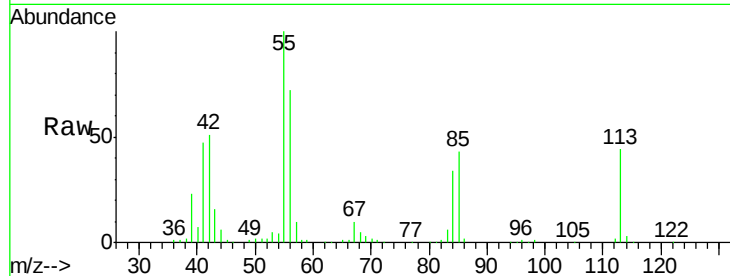




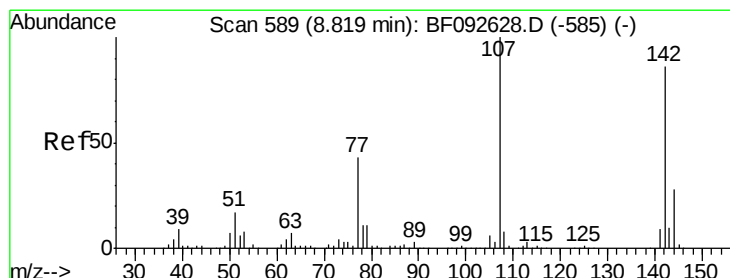
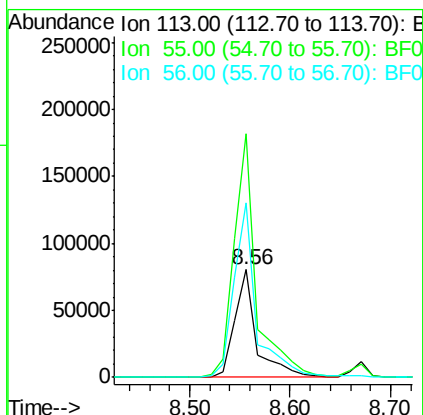
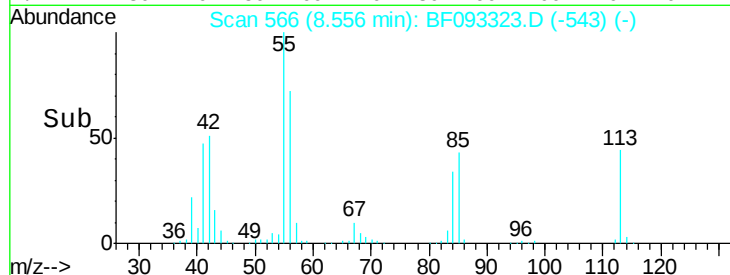
#35
 Caprolactam
 Concen: 41.69 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 121029
 Ion Ratio Lower Upper
 113 100
 55 226.4 119.2 159.2#
 56 162.8 83.8 123.8#

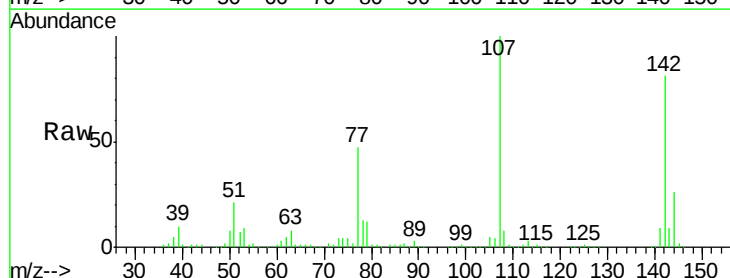


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

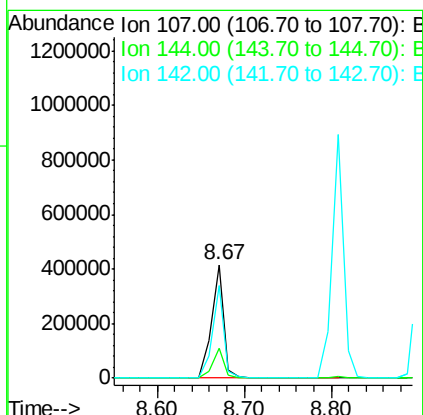
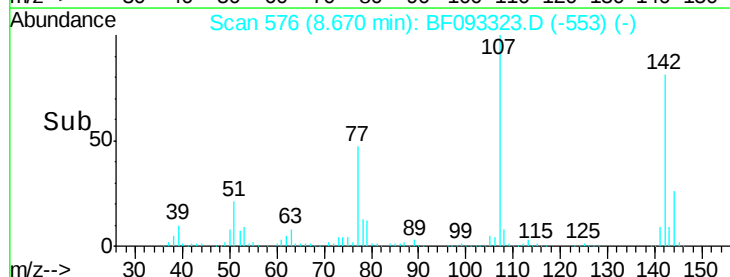


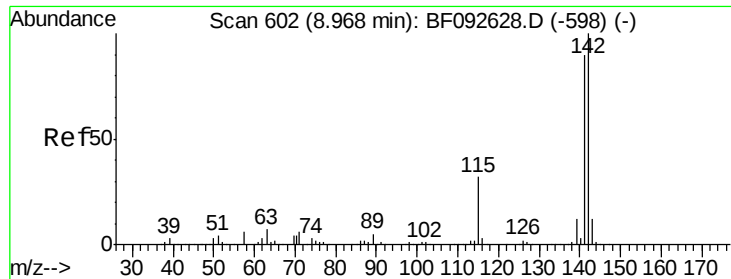
#36
 4-Chloro-3-methylphenol
 Concen: 42.72 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:107 Resp: 411062
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.3 28.9
 142 81.4 59.0 88.6



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

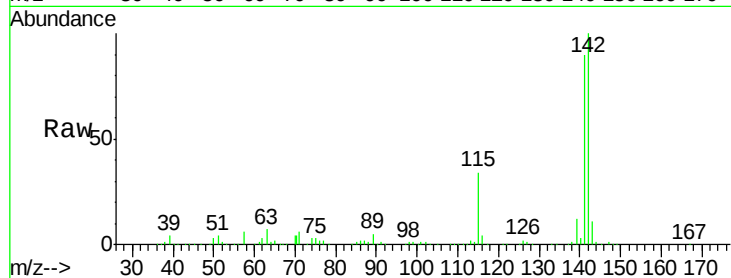




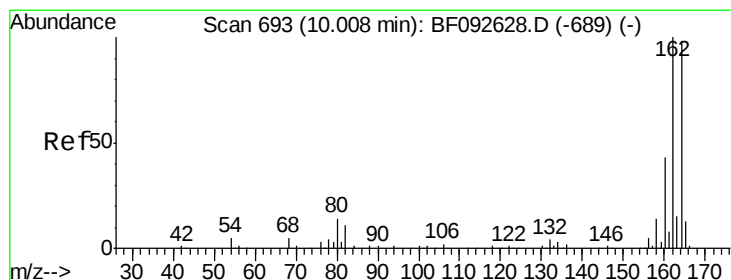
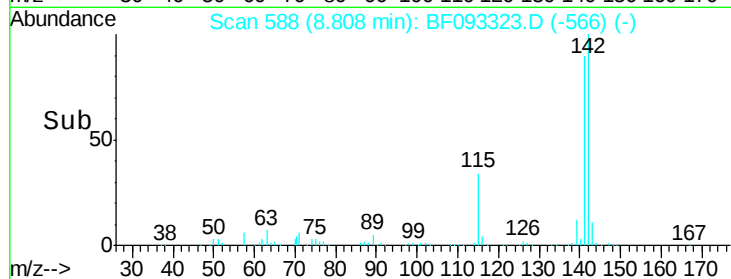
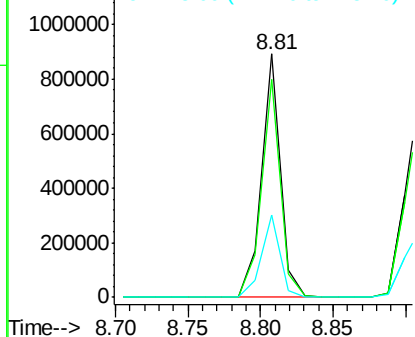
#37
 2-Methylnaphthalene
 Concen: 38.43 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 804238
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 33.8 28.3 42.5

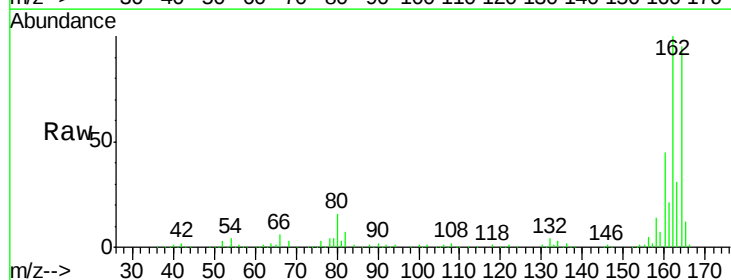


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

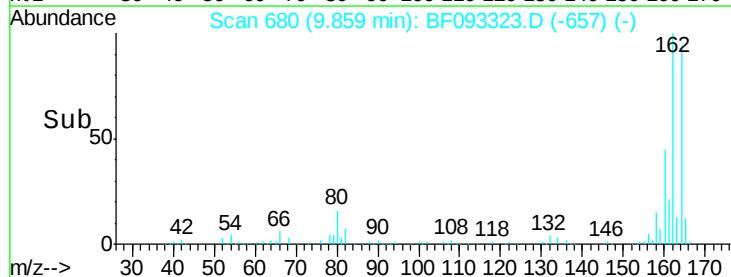
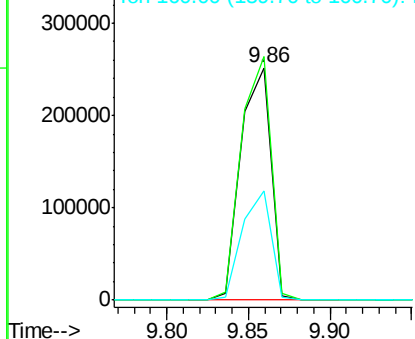


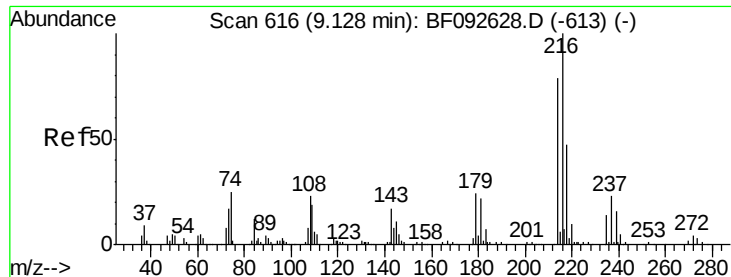
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:164 Resp: 322061
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.2 120.2
 160 46.8 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

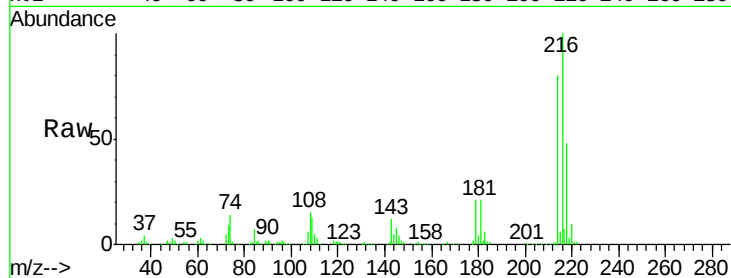




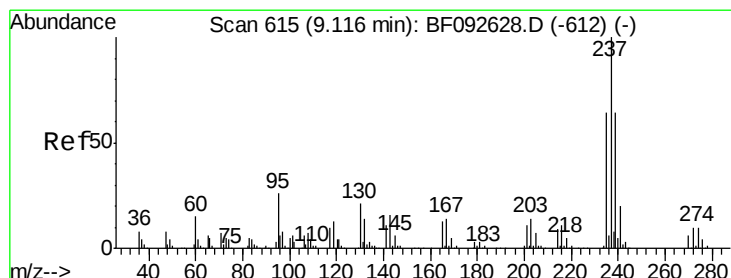
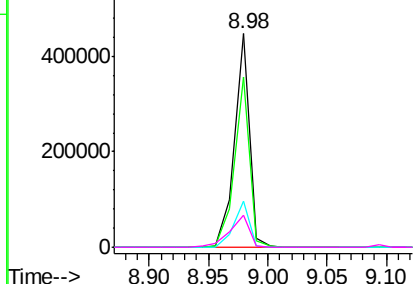
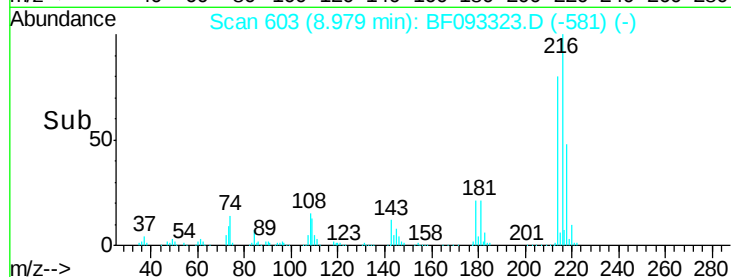
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.33 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	391728
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	21.9	17.4	26.2
108	20.2	15.6	23.4

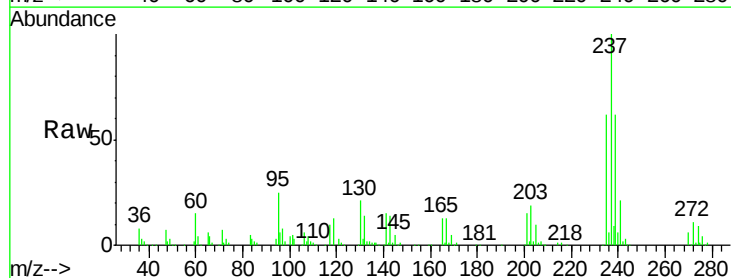


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

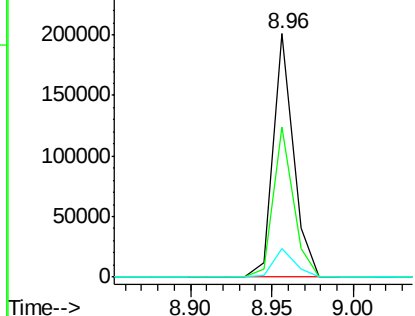
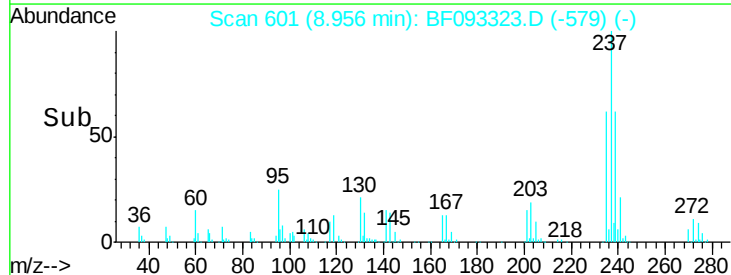


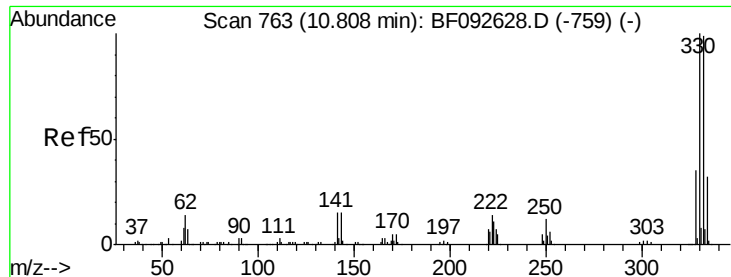
#40
 Hexachlorocyclopentadiene
 Concen: 42.64 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:	237	Resp:	173929
Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.2	81.2
272	11.5	0.0	35.4



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

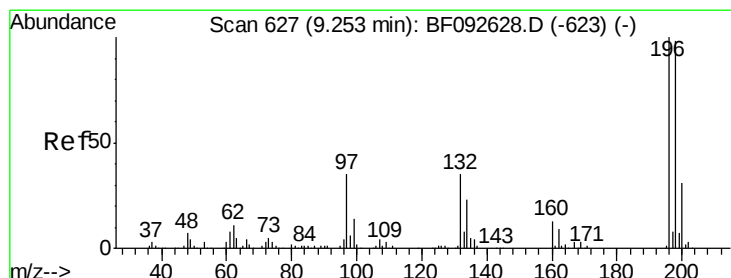
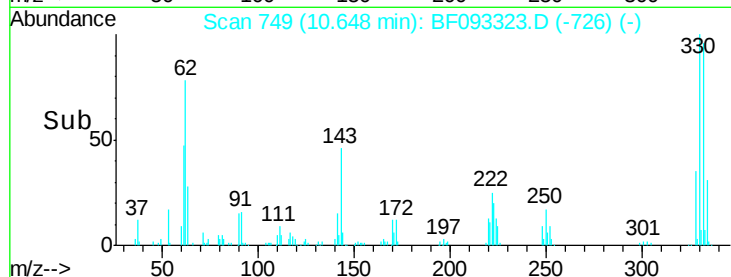
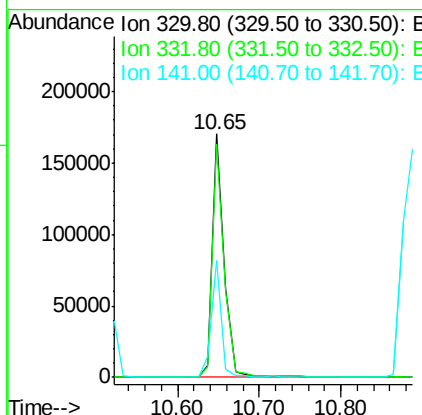
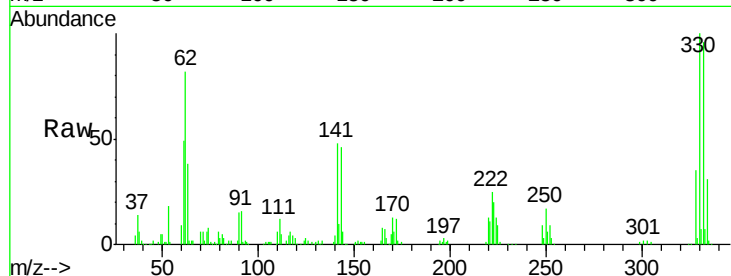




#41
 2,4,6-Tribromophenol
 Concen: 75.26 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

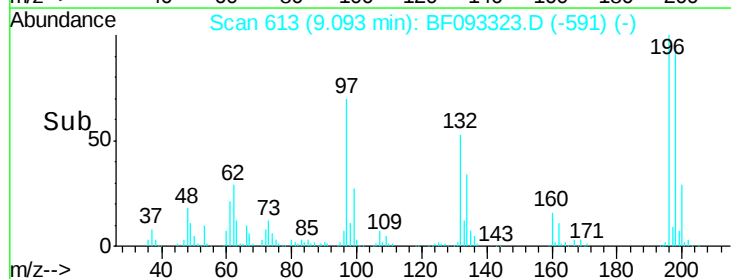
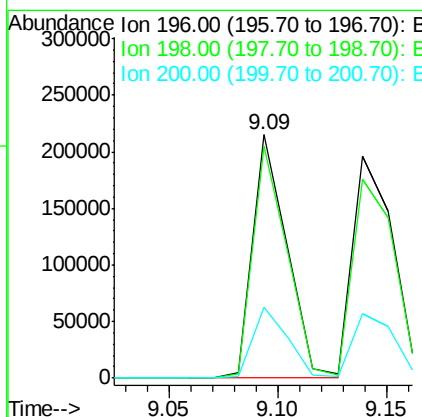
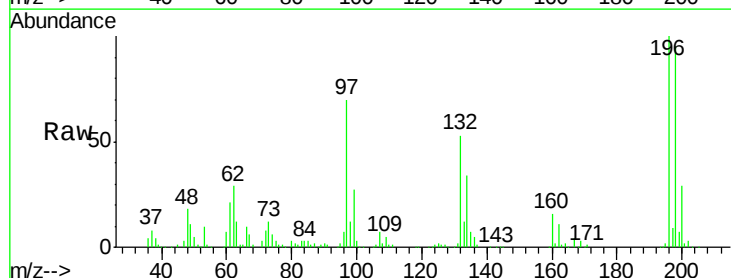
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

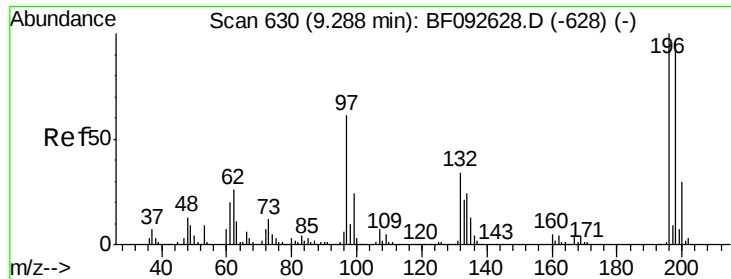
Tgt Ion:330 Resp: 175303
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 41.5 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:196 Resp: 235279
 Ion Ratio Lower Upper
 196 100
 198 95.2 82.1 123.1
 200 29.2 27.0 40.4

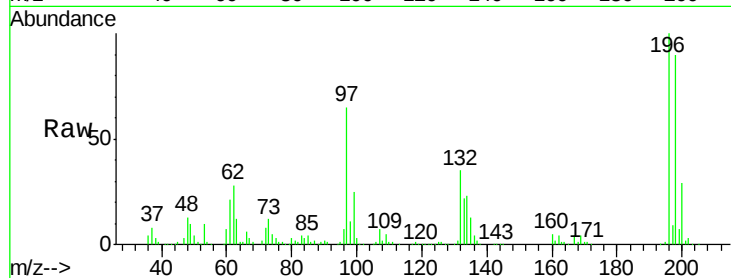




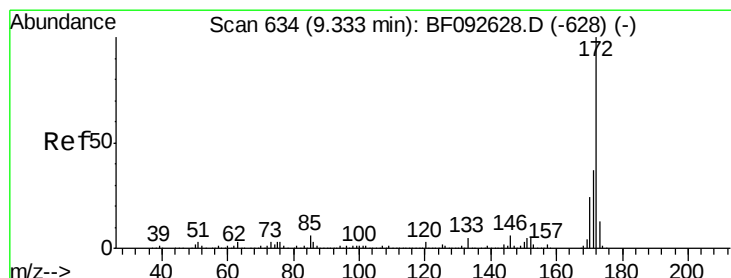
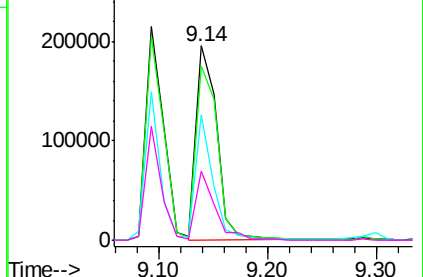
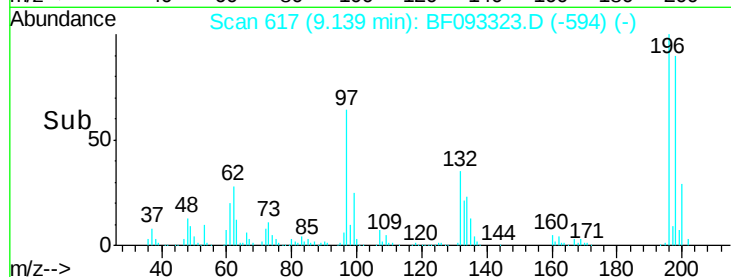
#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 258677
 Ion Ratio Lower Upper
 196 100
 198 89.6 79.4 119.2
 97 64.5 51.5 77.3
 132 35.4 27.4 41.2

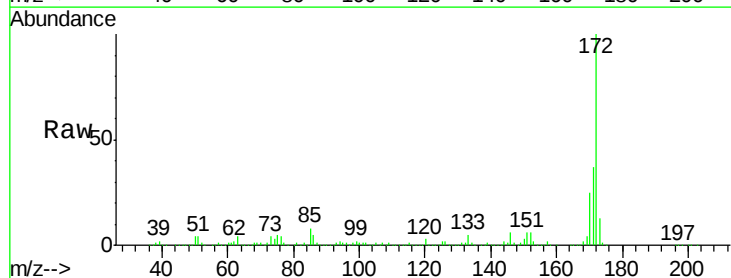


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

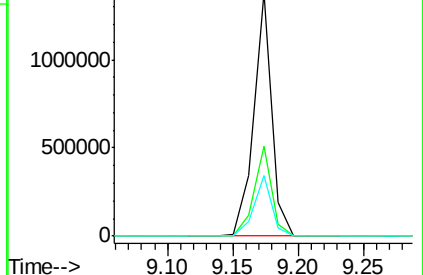
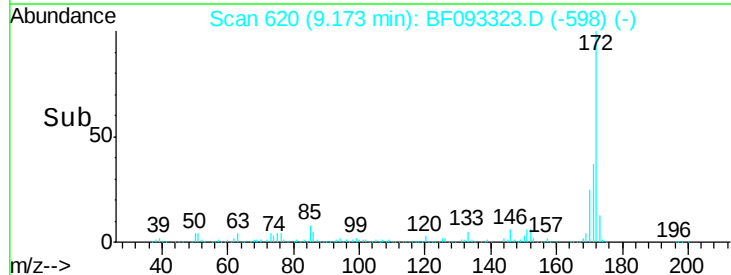


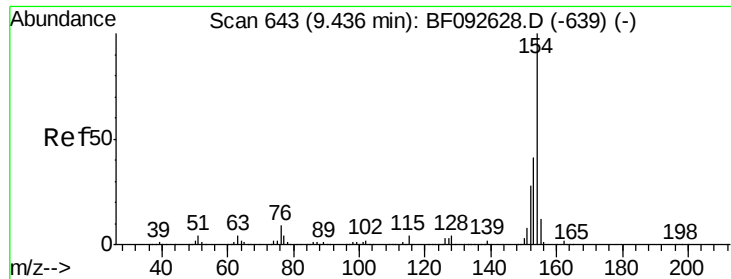
#44
 2-Fluorobiphenyl
 Concen: 74.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:172 Resp: 1324449
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 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

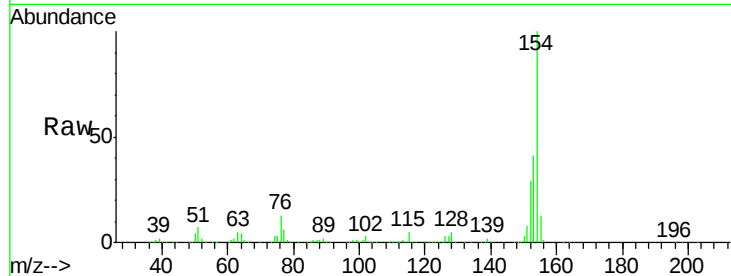




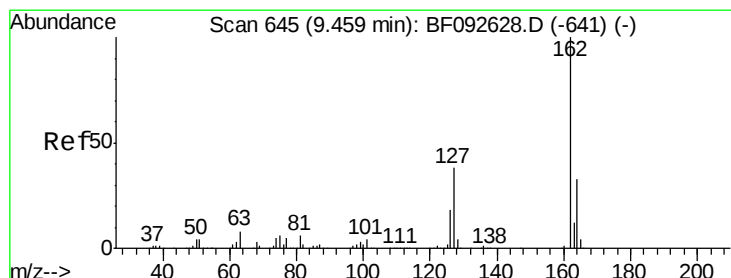
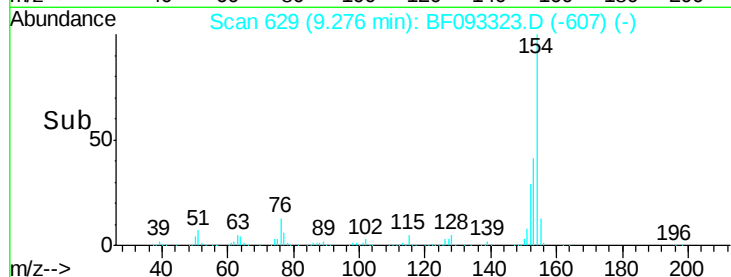
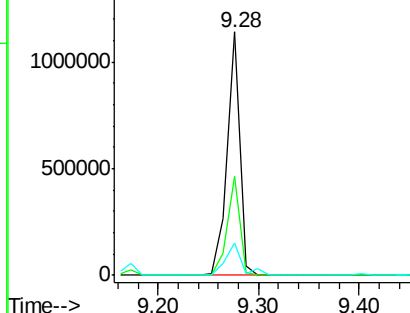
#45
 1,1'-Biphenyl
 Concen: 43.03 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1003496
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 13.4 0.0 30.5

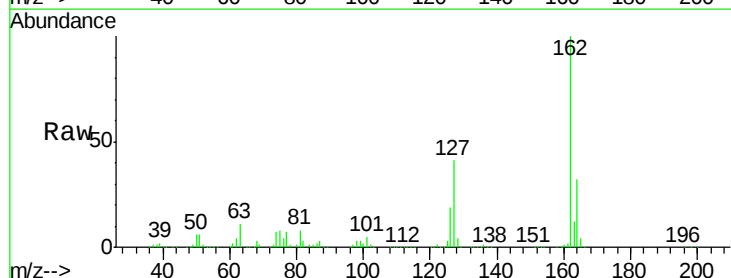


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

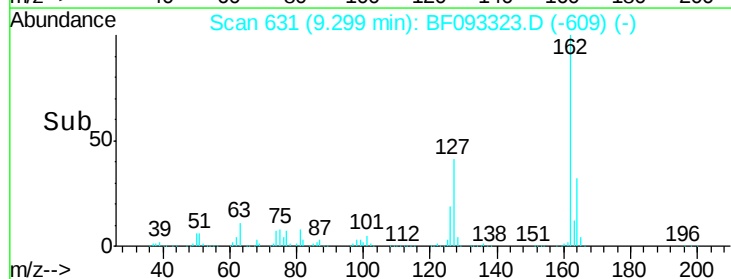
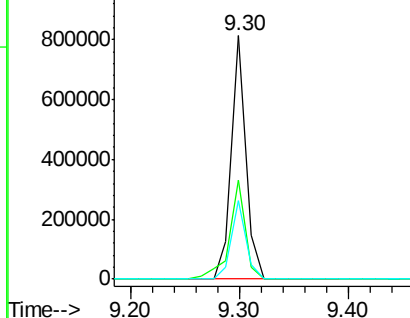


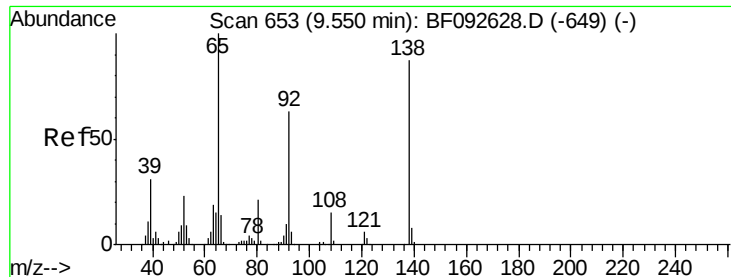
#46
 2-Chloronaphthalene
 Concen: 41.24 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:162 Resp: 752298
 Ion Ratio Lower Upper
 162 100
 127 40.9 30.7 46.1
 164 32.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

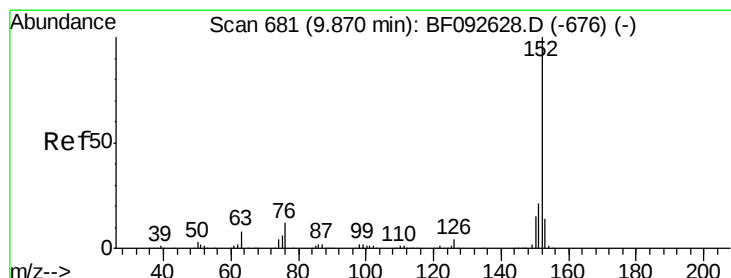
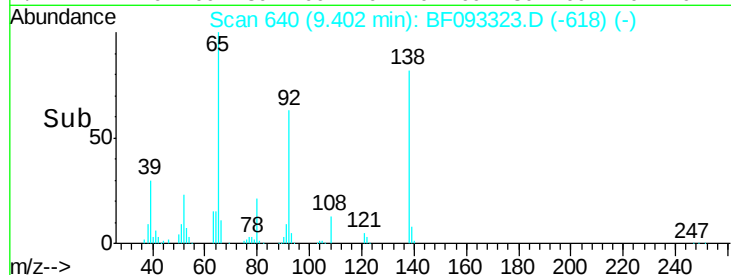
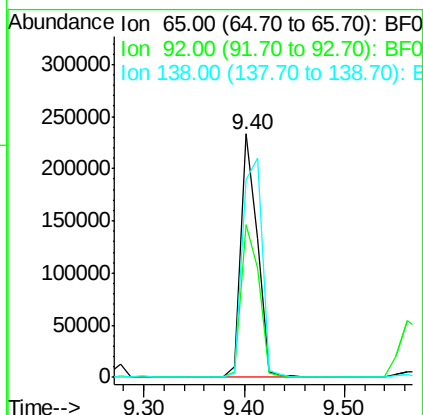
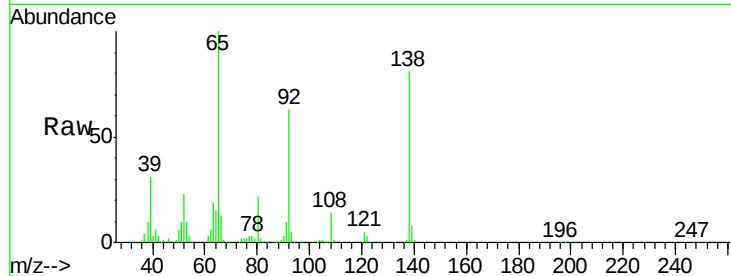




#47
2-Nitroaniline
Concen: 43.23 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

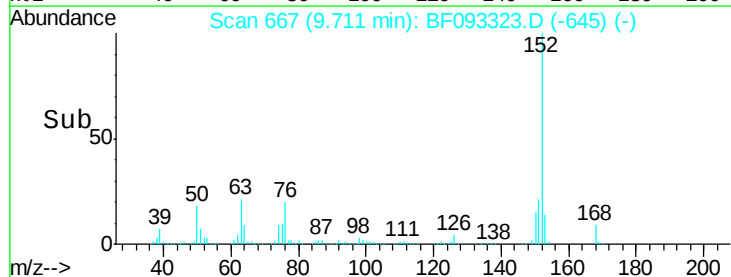
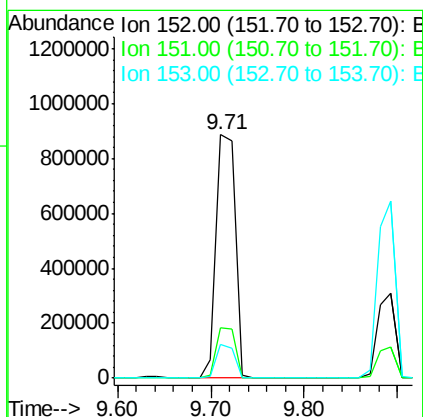
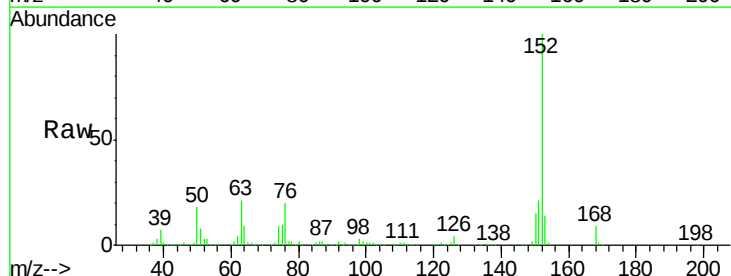
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

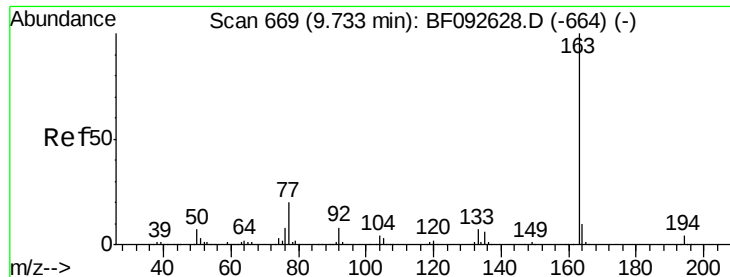
Tgt Ion: 65 Resp: 265139
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 81.3 76.8 115.2



#48
Acenaphthylene
Concen: 39.91 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion: 152 Resp: 1257845
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.7 11.4 17.2

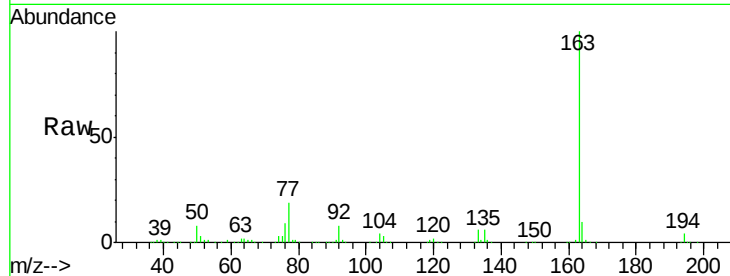




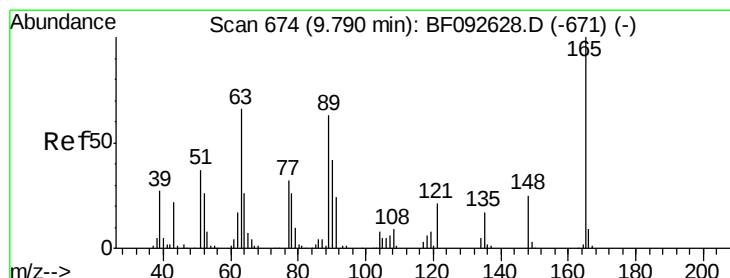
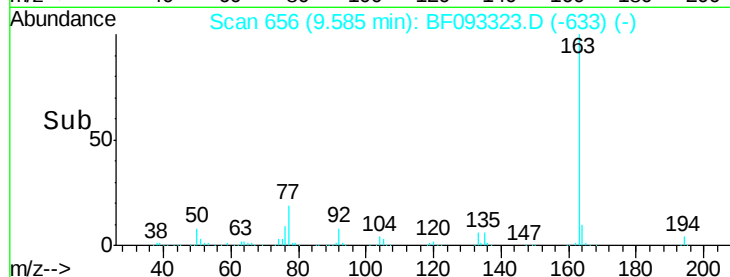
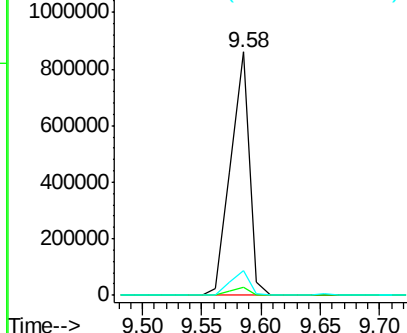
#49
Dimethylphthalate
Concen: 43.30 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 939385
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 8.0 12.0

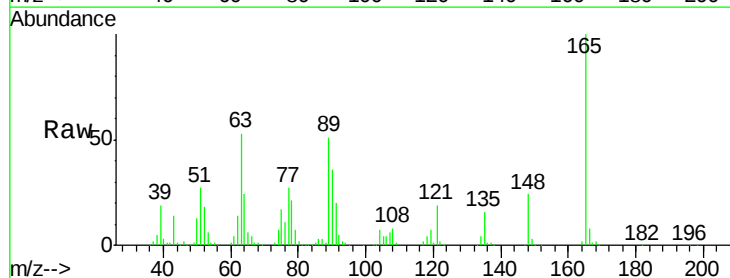


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

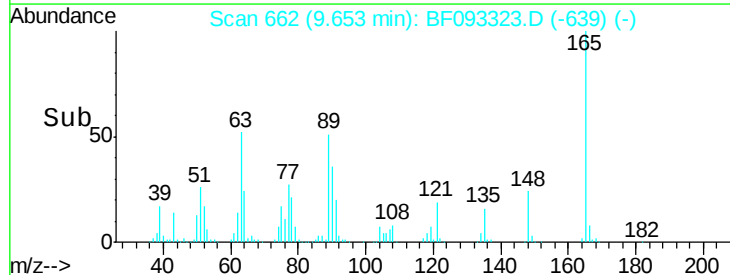
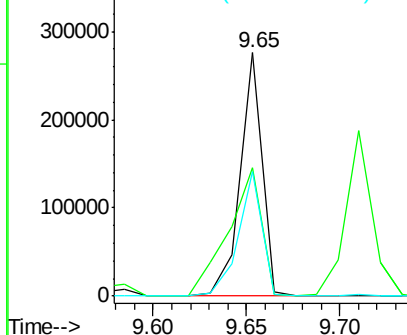


#50
2,6-Dinitrotoluene
Concen: 48.55 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:165 Resp: 227454
Ion Ratio Lower Upper
165 100
63 53.0 36.2 54.4
89 51.2 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: 39.44 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

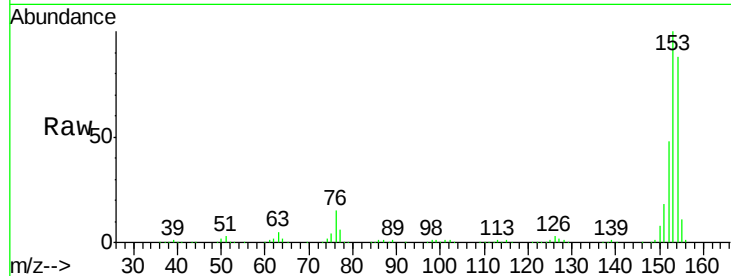
Tgt Ion:154 Resp: 743227

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

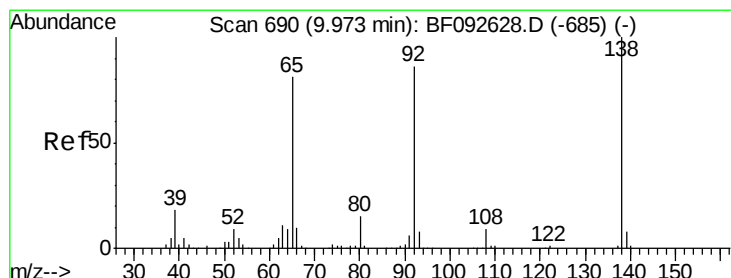
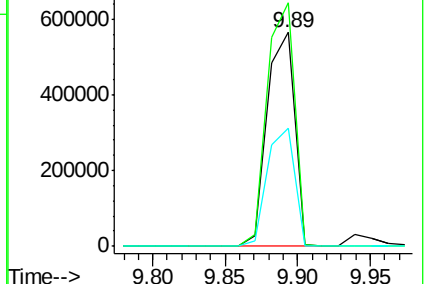
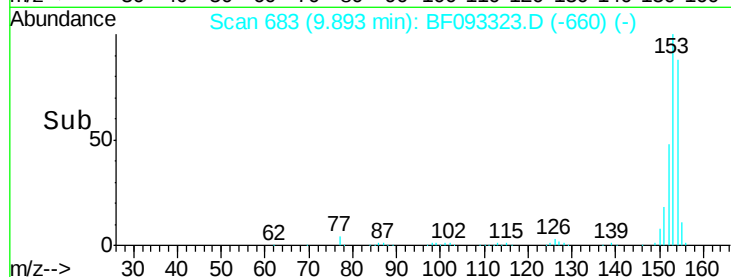
152 55.1 41.6 62.4



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: 49.34 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

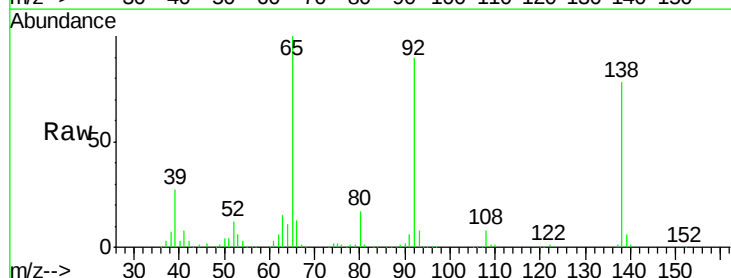
Tgt Ion:138 Resp: 264528

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

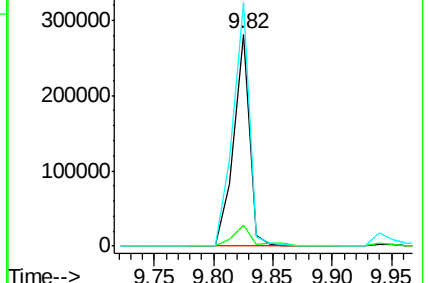
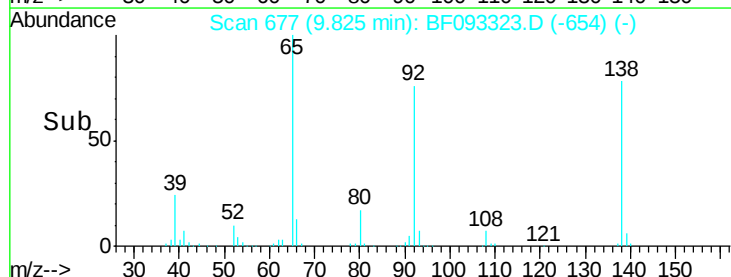
92 114.8 97.8 146.8

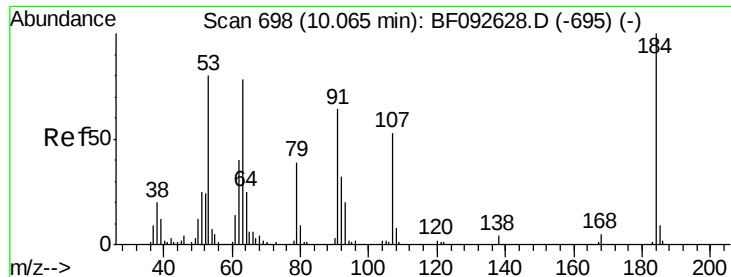


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

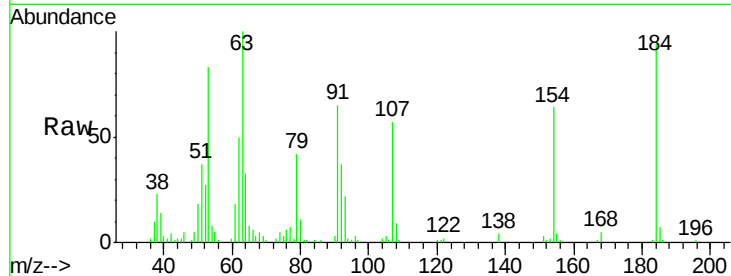




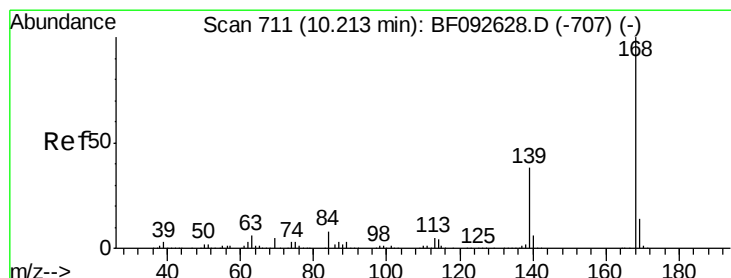
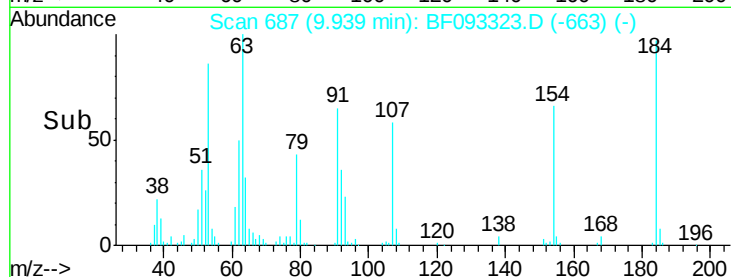
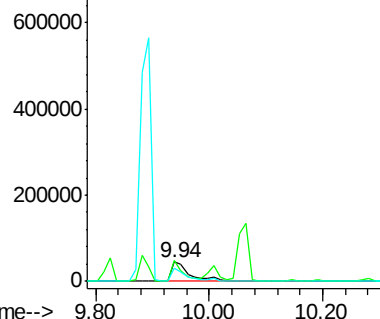
#53
2,4-Dinitrophenol
Concen: 46.33 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 105375
Ion Ratio Lower Upper
184 100
63 106.6 28.4 42.6#
154 67.9 44.3 66.5#

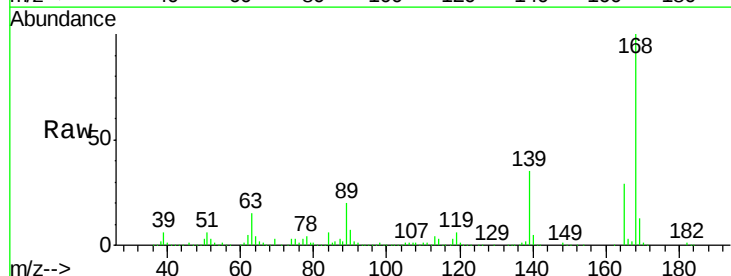


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

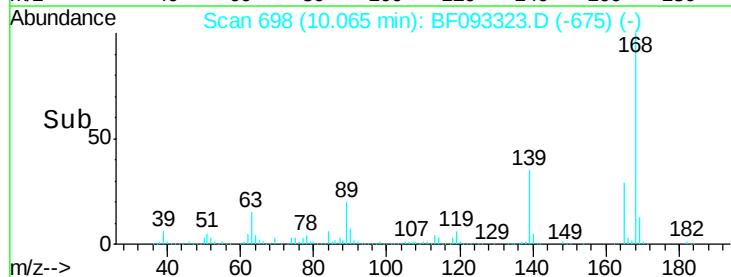
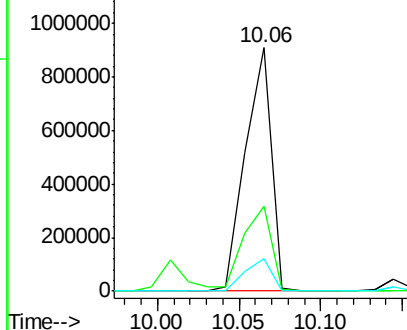


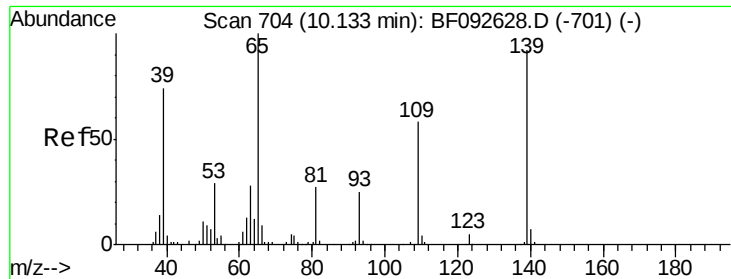
#54
Dibenzofuran
Concen: 39.62 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:168 Resp: 998394
Ion Ratio Lower Upper
168 100
139 34.6 32.6 49.0
169 13.2 11.3 16.9



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

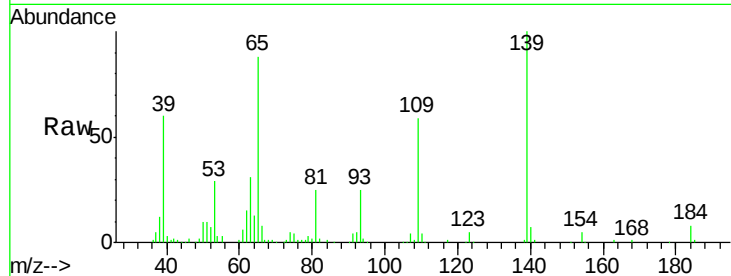




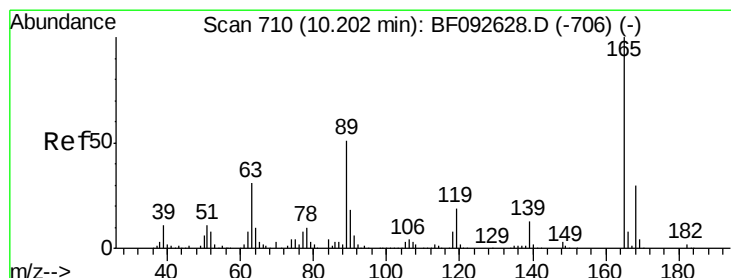
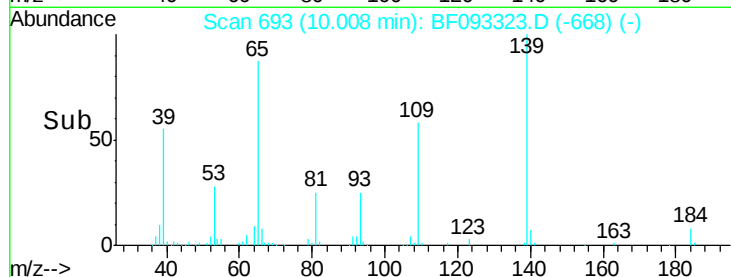
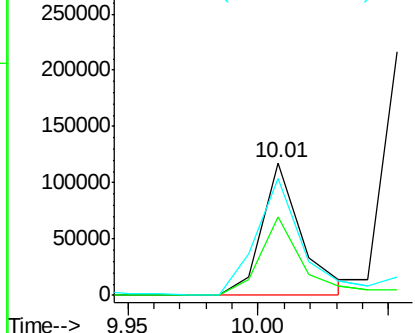
#55
4-Nitrophenol
Concen: 32.20 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 124325
Ion Ratio Lower Upper
139 100
109 59.1 52.2 92.2
65 88.1 85.8 125.8

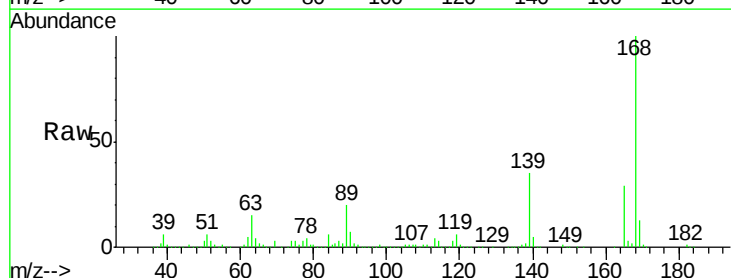


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

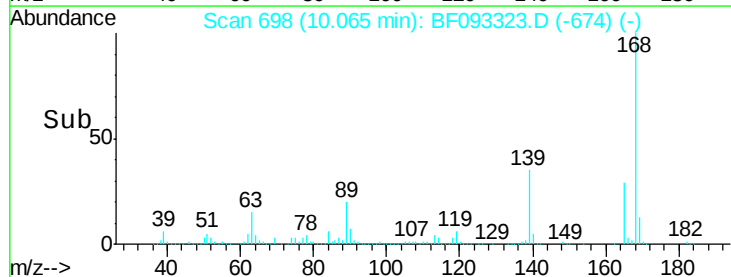
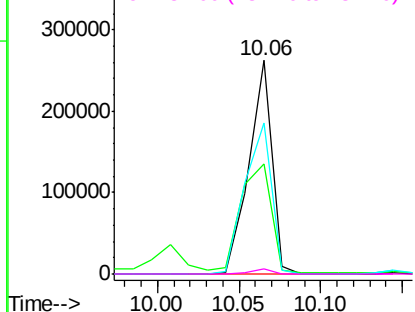


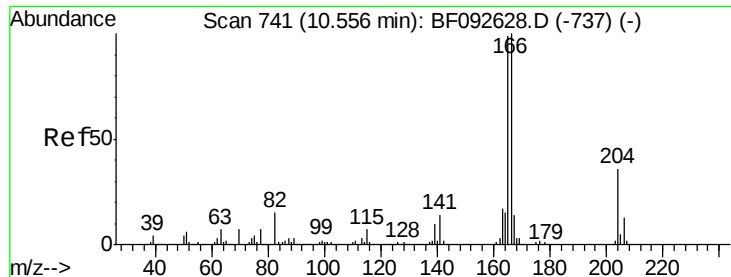
#56
2,4-Dinitrotoluene
Concen: 41.07 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:165 Resp: 256142
Ion Ratio Lower Upper
165 100
63 51.5 40.2 60.4
89 70.8 62.5 93.7
182 2.6 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.33 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

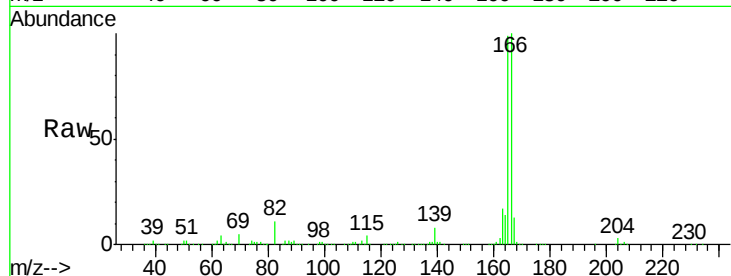
Tgt Ion:166 Resp: 878823

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

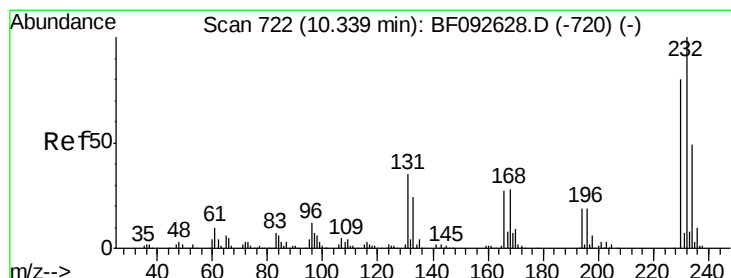
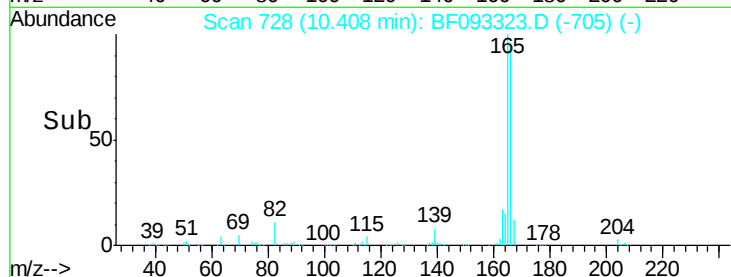
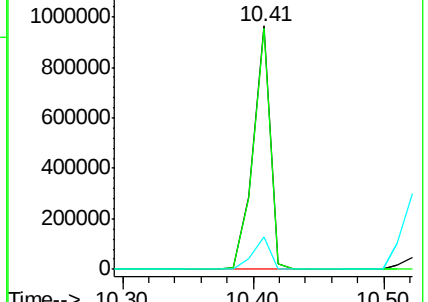
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.27 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Tgt Ion:232 Resp: 179185

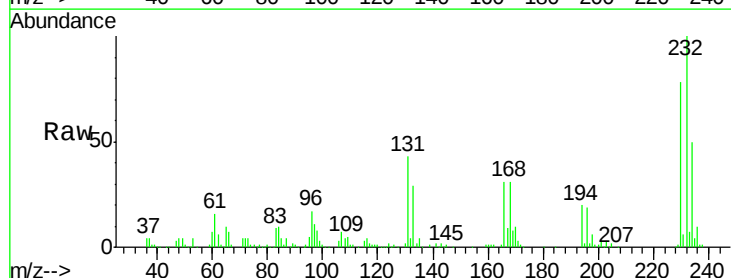
Ion Ratio Lower Upper

232 100

131 50.2 40.1 60.1

130 2.4 1.8 2.8

166 32.6 26.6 39.8

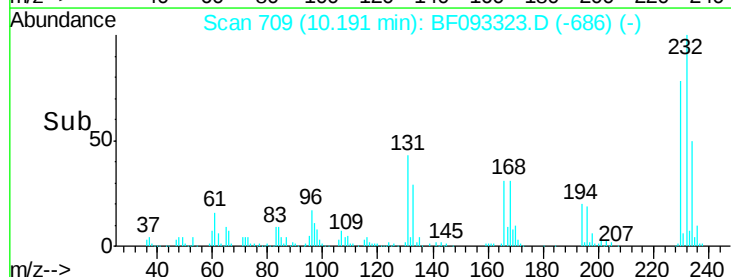
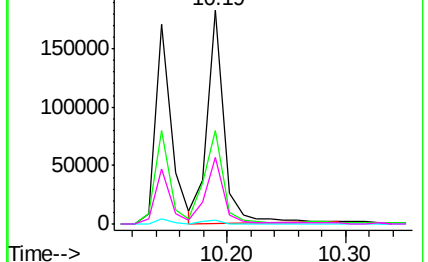


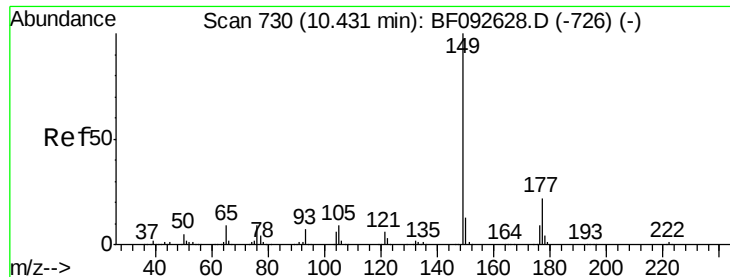
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

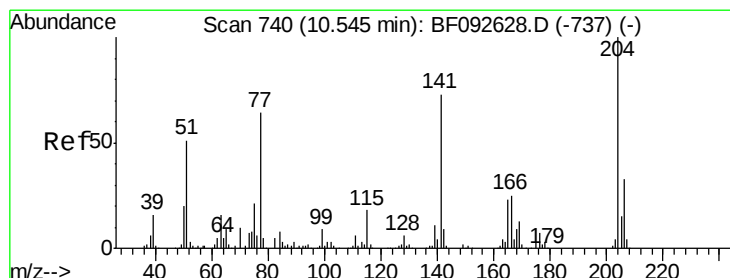
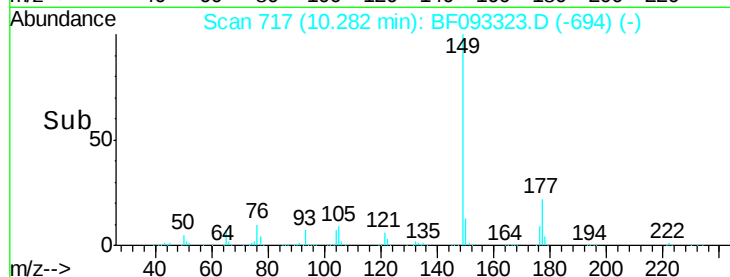
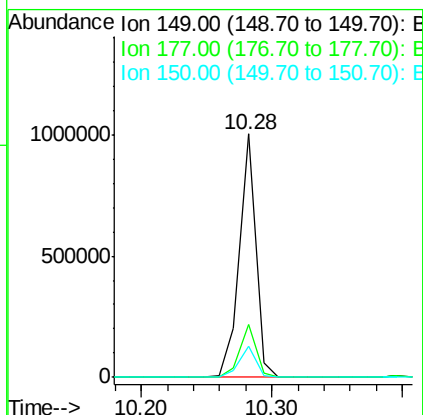
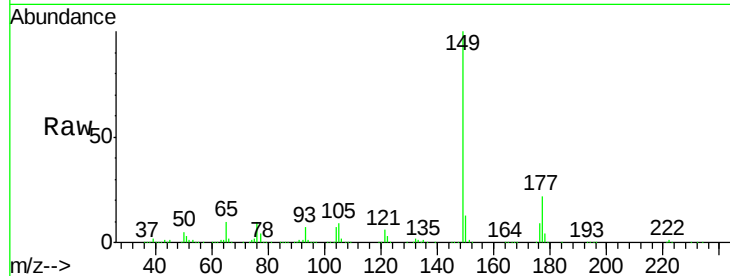




#59
Diethylphthalate
Concen: 42.74 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

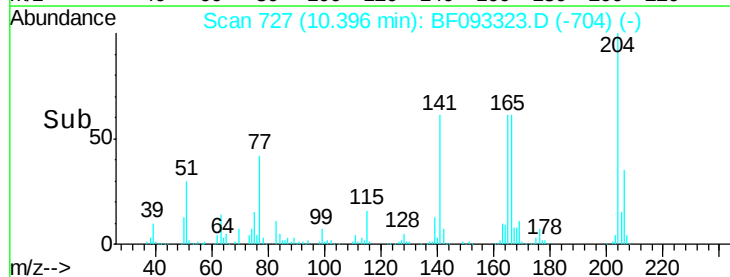
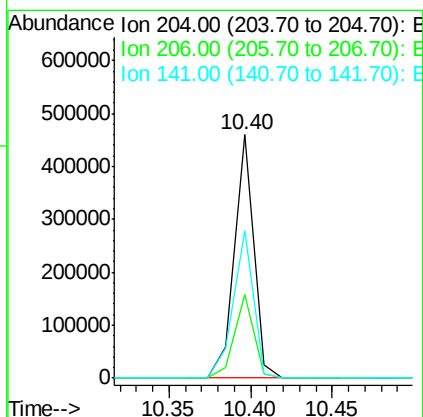
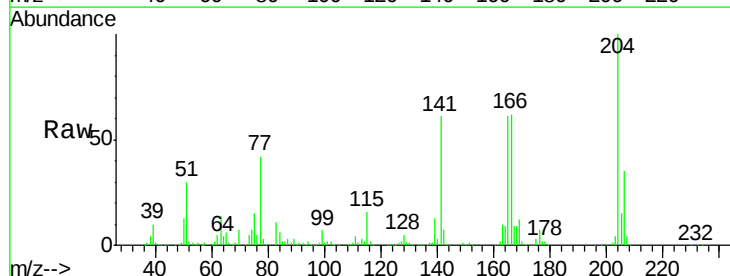
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

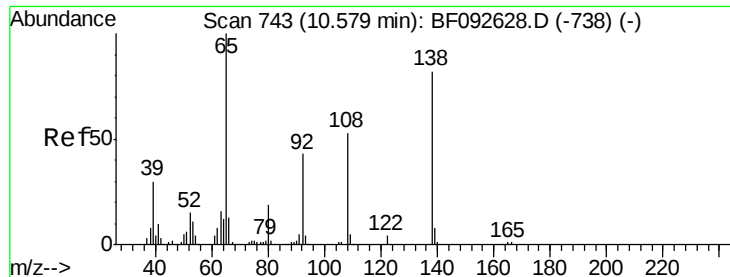
Tgt Ion:149 Resp: 873665
Ion Ratio Lower Upper
149 100
177 21.9 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.15 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:204 Resp: 373948
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 60.7 59.4 89.0

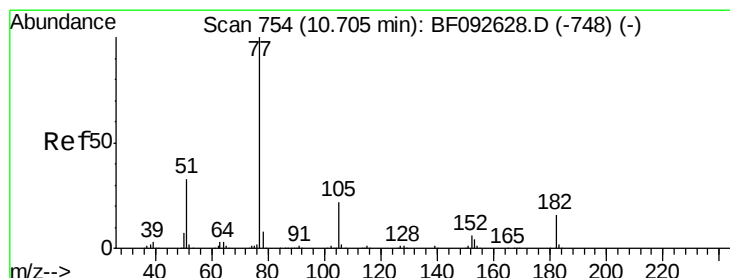
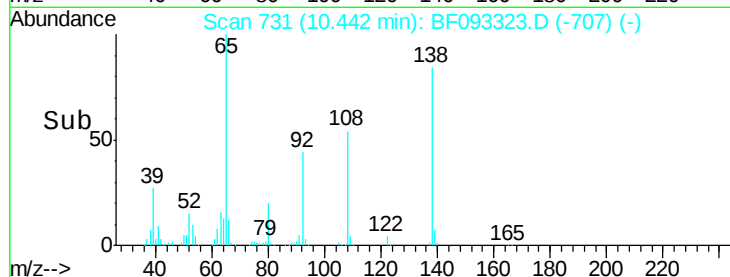
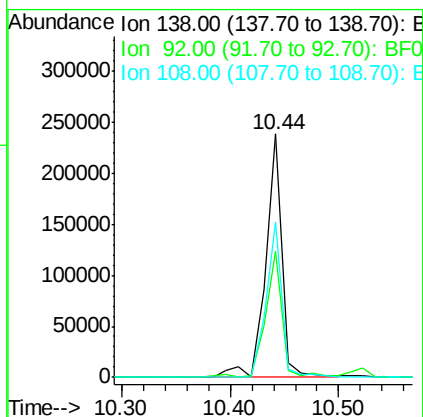
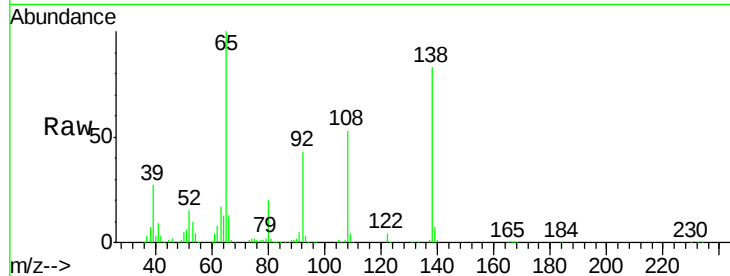




#61
4-Nitroaniline
Concen: 45.64 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

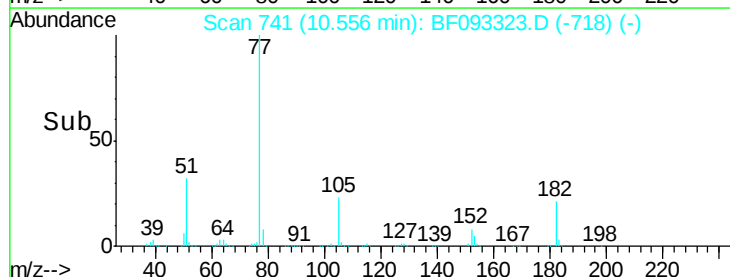
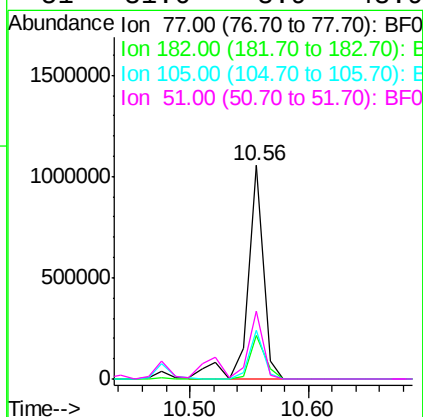
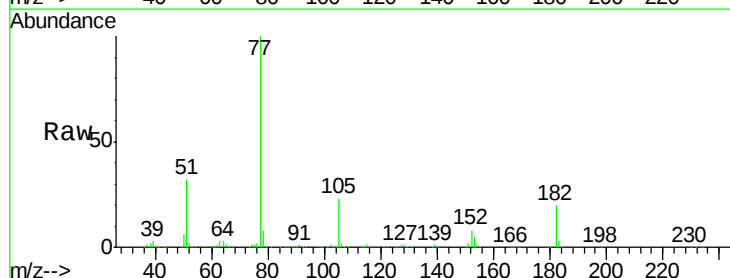
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 250644
Ion Ratio Lower Upper
138 100
92 51.9 31.7 71.7
108 64.0 52.6 92.6



#62
Azobenzene
Concen: 46.41 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion: 77 Resp: 980286
Ion Ratio Lower Upper
77 100
182 20.5 0.0 39.3
105 23.1 2.3 42.3
51 31.6 8.9 48.9

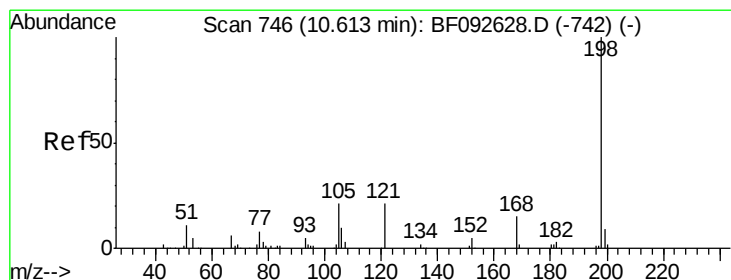
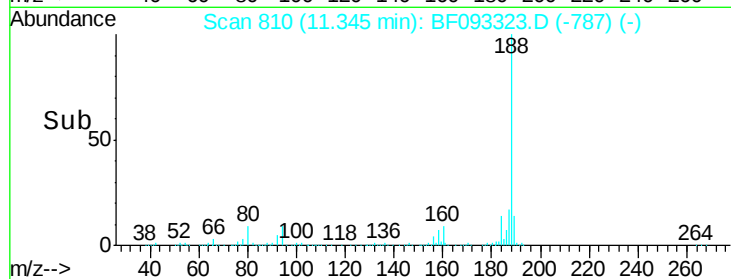
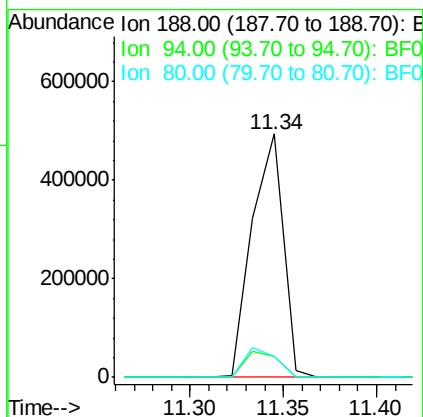
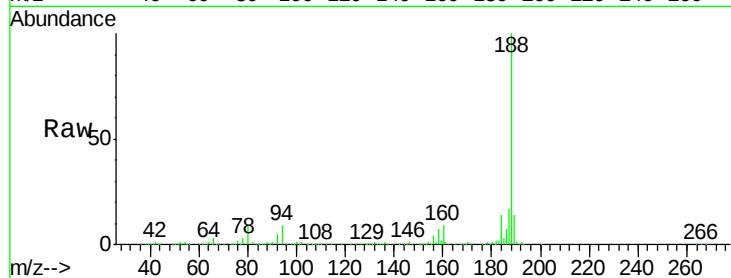




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

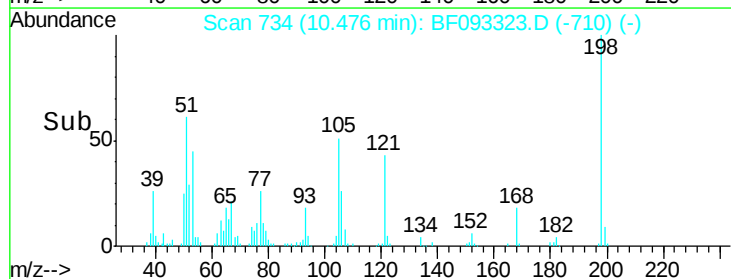
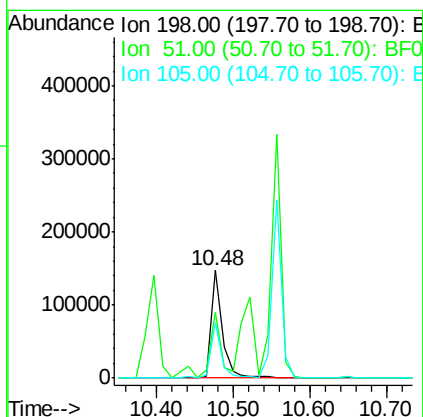
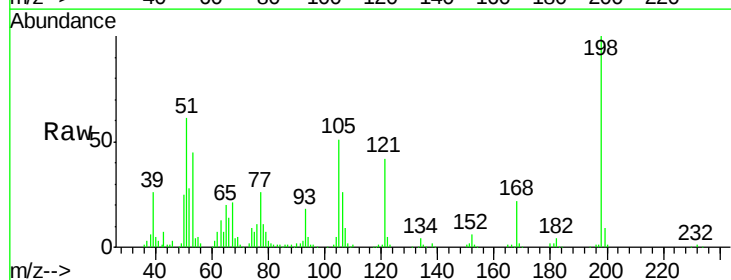
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

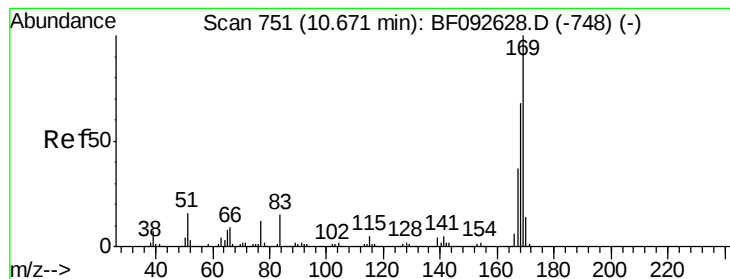
Tgt Ion:188 Resp: 572698
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 8.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.22 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:198 Resp: 149669
Ion Ratio Lower Upper
198 100
51 60.7 6.7 46.7#
105 50.9 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 41.68 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

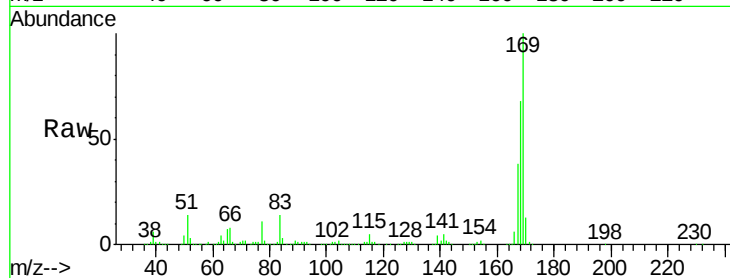
Tgt Ion:169 Resp: 762459

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

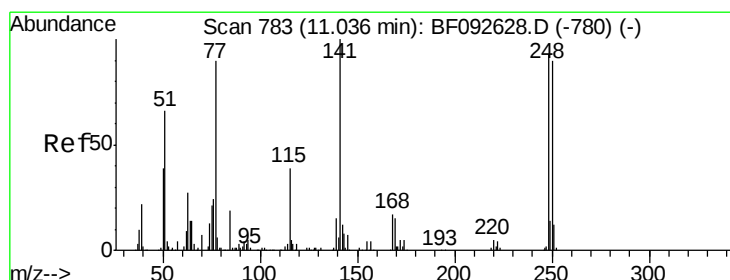
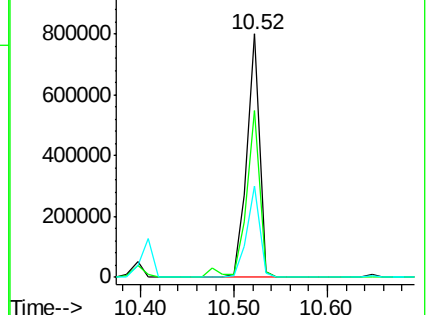
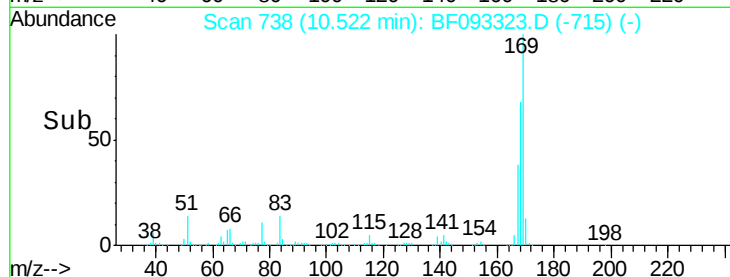
167 37.6 30.2 45.4



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: 39.57 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

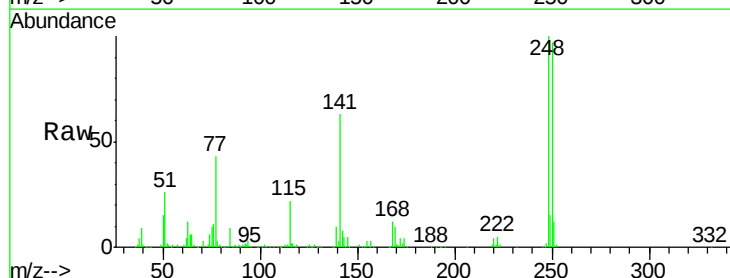
Tgt Ion:248 Resp: 236772

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

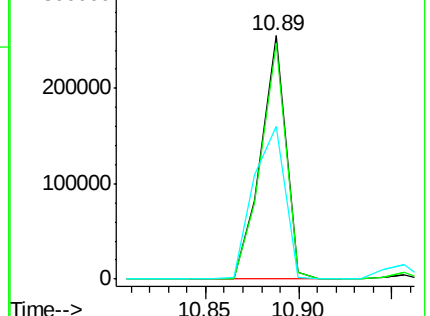
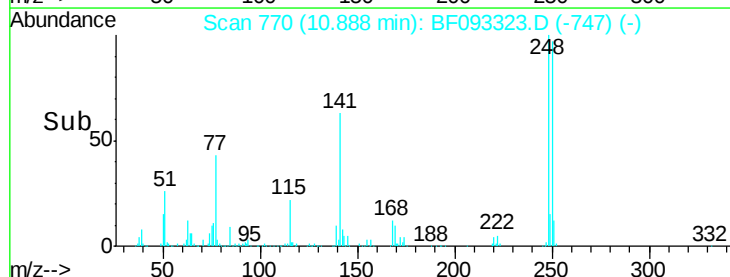
141 62.7 68.2 102.4#

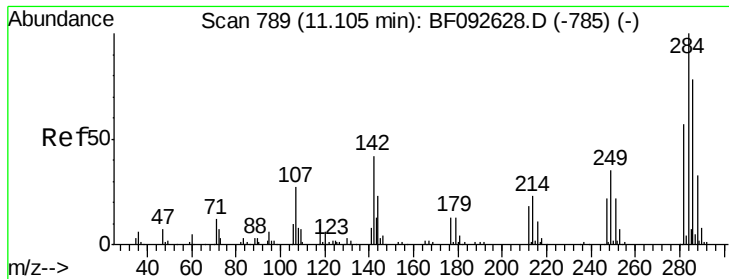


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

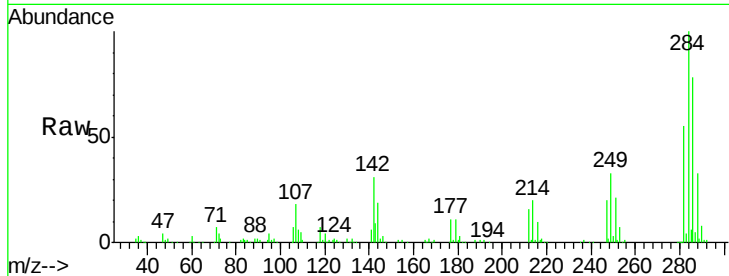




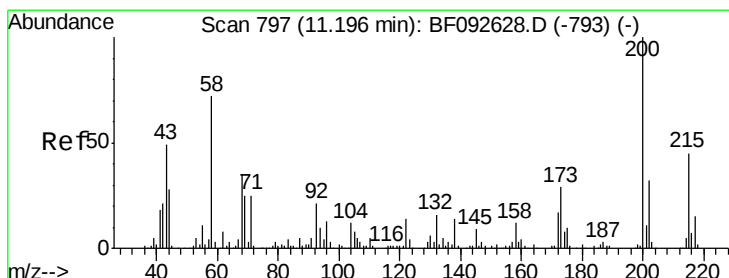
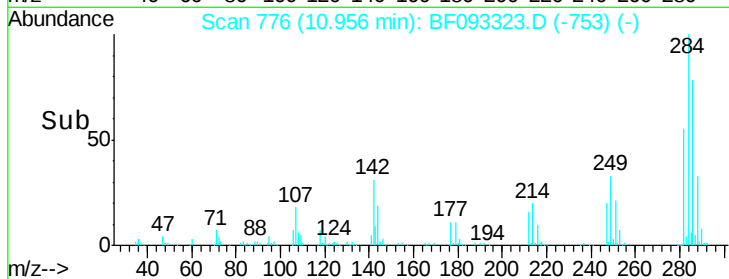
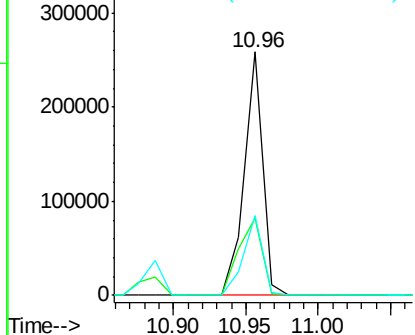
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 229415
Ion Ratio Lower Upper
284 100
142 31.5 22.6 33.8
249 32.5 25.4 38.0

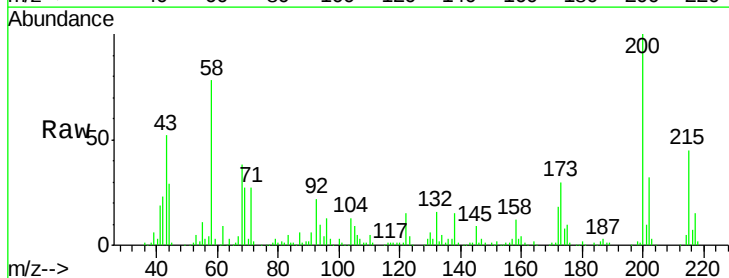


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

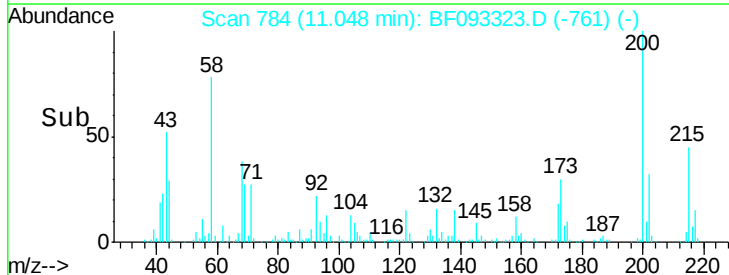
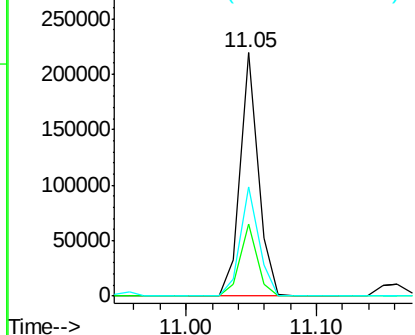


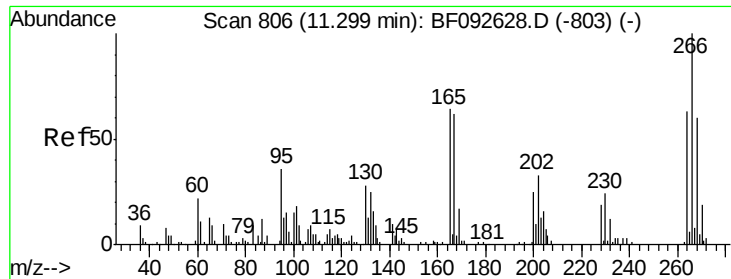
#68
Atrazine
Concen: 35.92 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion: 200 Resp: 210866
Ion Ratio Lower Upper
200 100
173 29.7 9.6 49.6
215 45.0 25.7 65.7



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

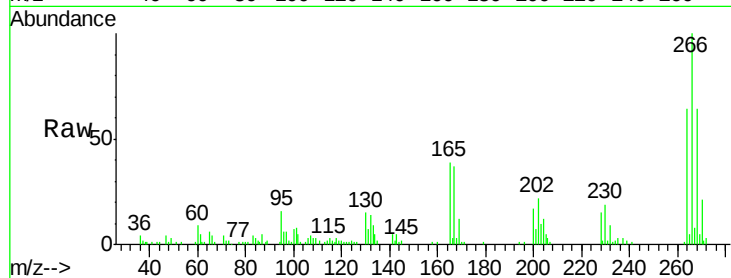




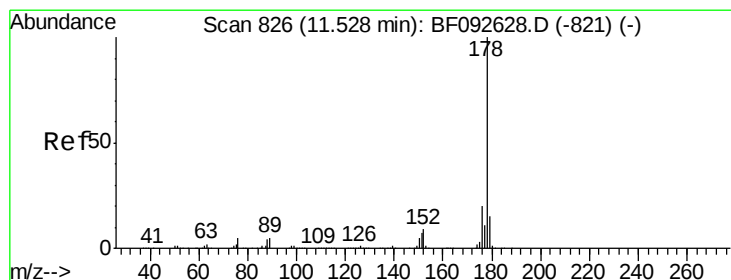
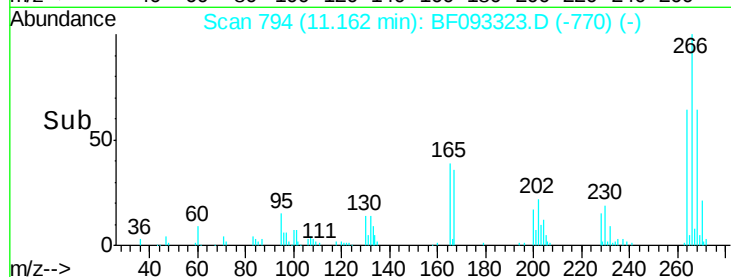
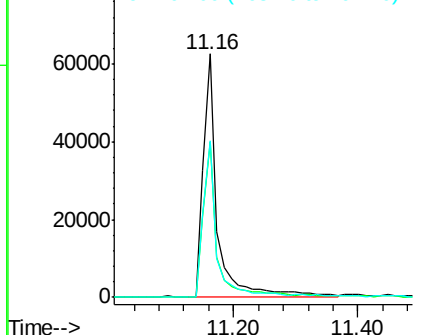
#69
Pentachlorophenol
 Concen: 37.25 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 100788
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 64.2 50.3 75.5

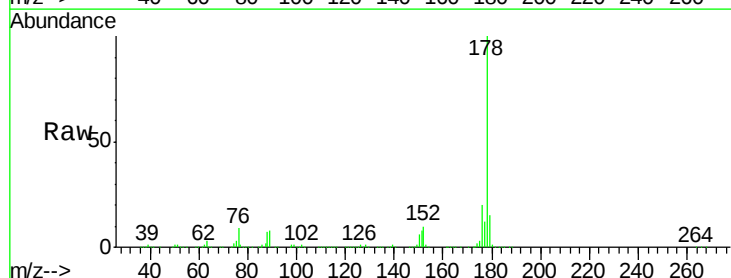


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

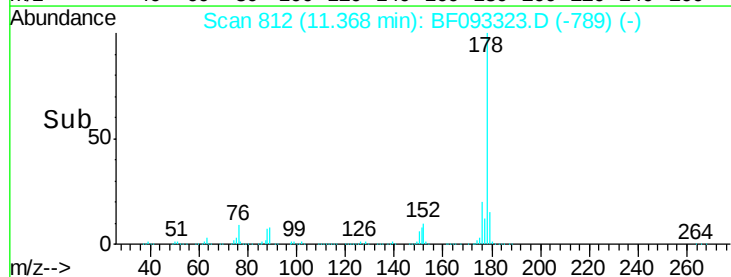
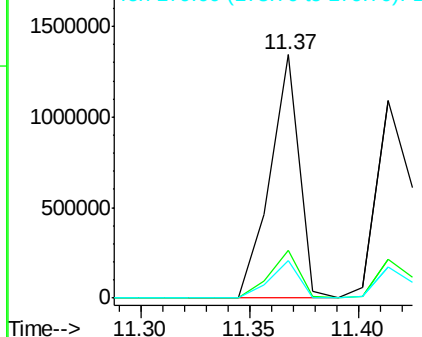


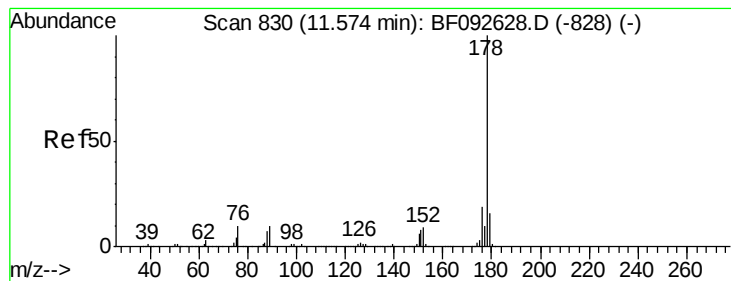
#70
Phenanthrene
 Concen: 38.75 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:178 Resp: 1271282
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.3 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: 37.10 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

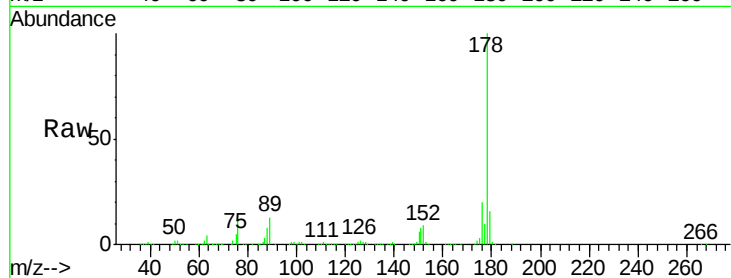
Tgt Ion:178 Resp: 1222376

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

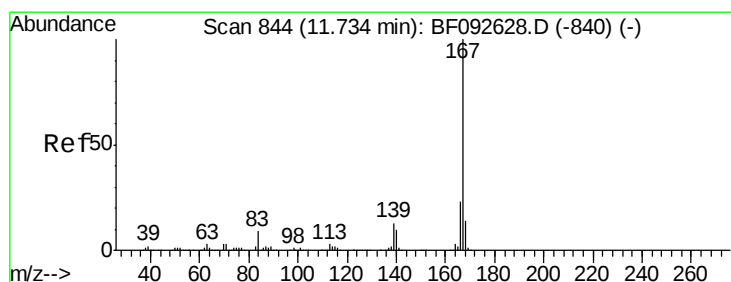
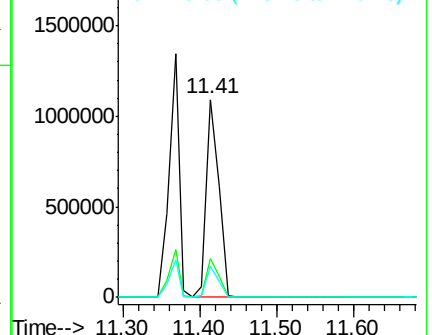
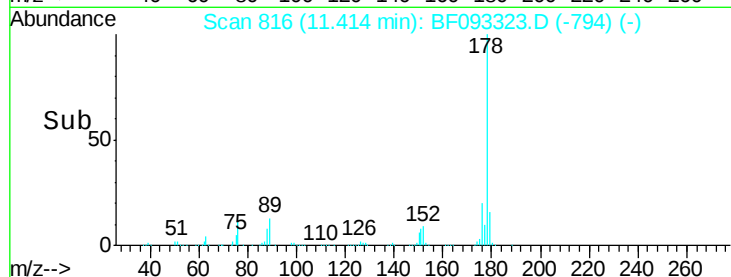
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.95 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

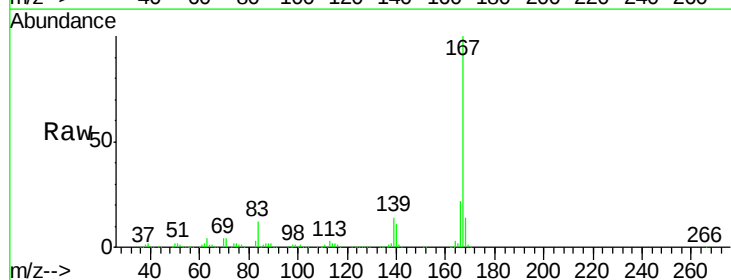
Tgt Ion:167 Resp: 1195382

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

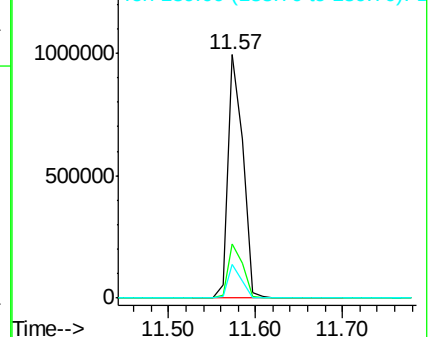
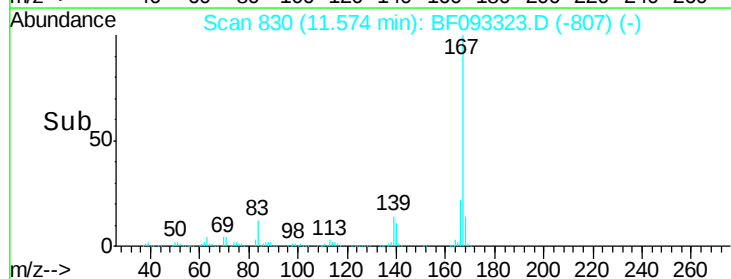
139 14.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

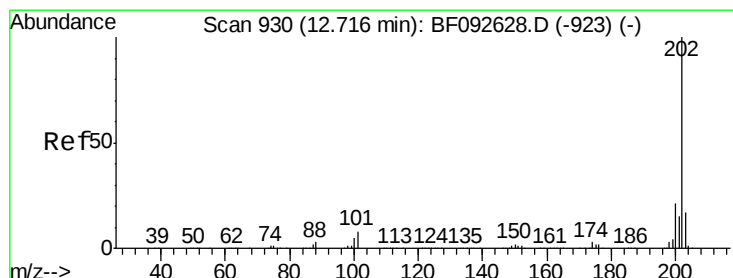
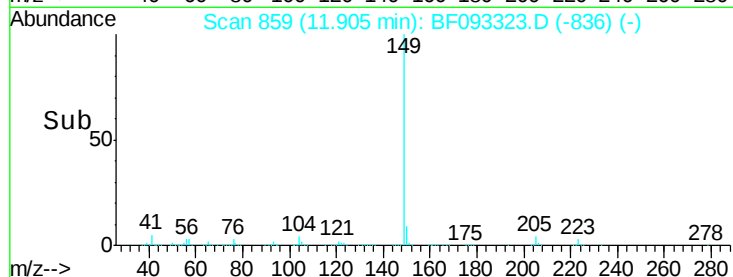
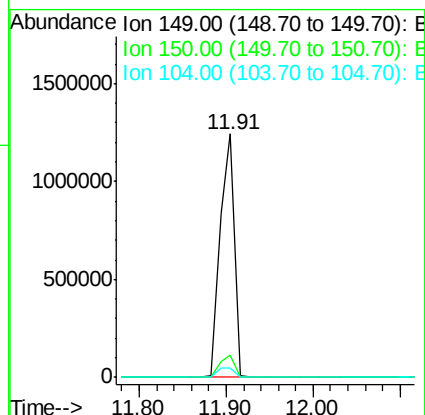
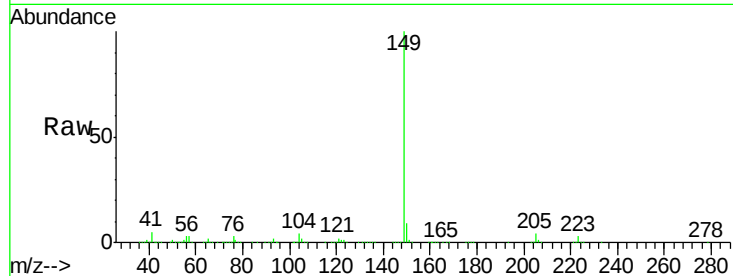




#73
Di-n-butylphthalate
Concen: 42.43 ng
RT: 11.91 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

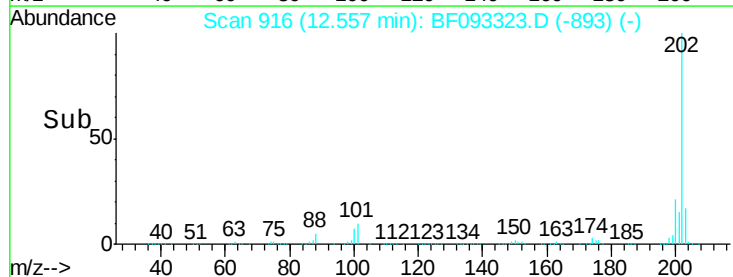
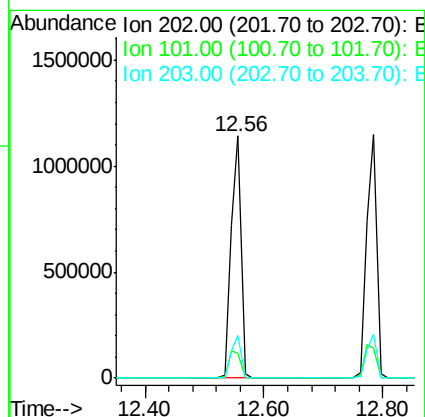
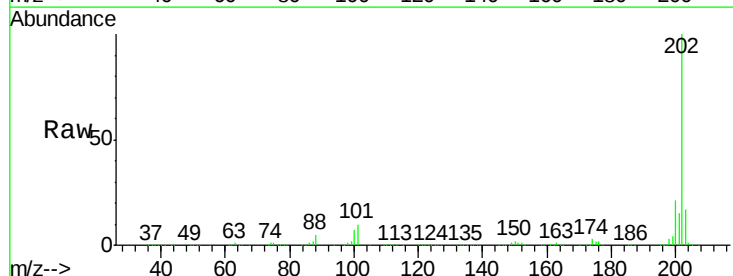
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

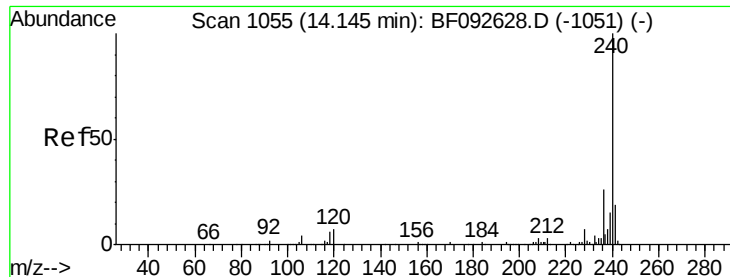
Tgt Ion:149 Resp: 1445272
Ion Ratio Lower Upper
149 100
150 9.0 8.1 12.1
104 3.7 4.6 7.0#



#74
Fluoranthene
Concen: 38.87 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:202 Resp: 1315545
Ion Ratio Lower Upper
202 100
101 10.2 0.0 34.6
203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

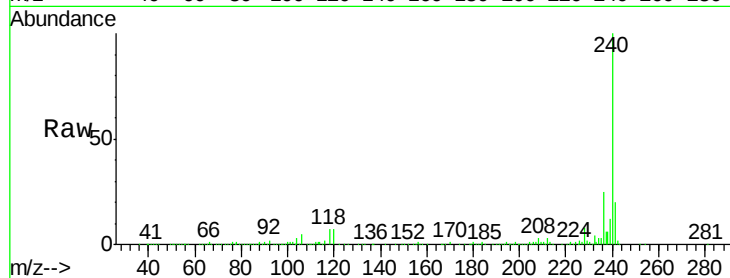
Tgt Ion:240 Resp: 417096

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

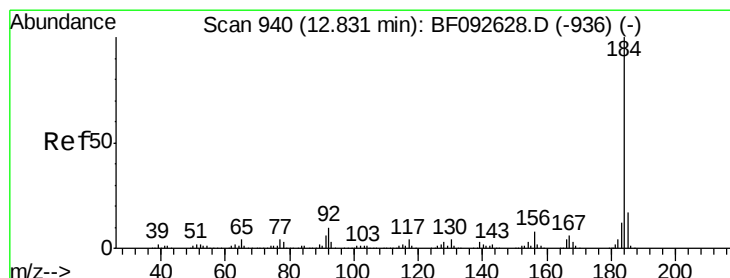
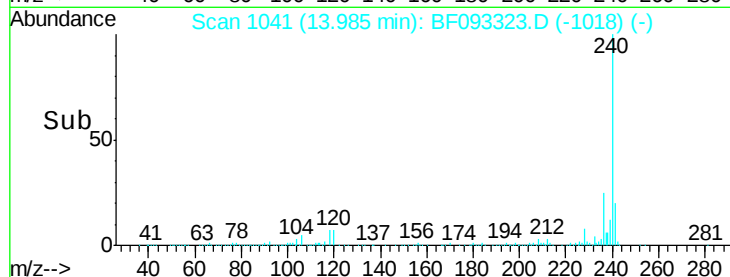
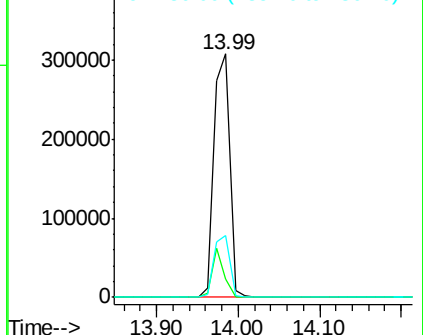
236 25.4 20.9 31.3



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: 38.85 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

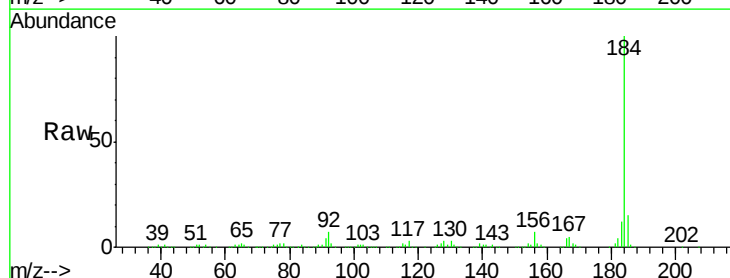
Tgt Ion:184 Resp: 690507

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

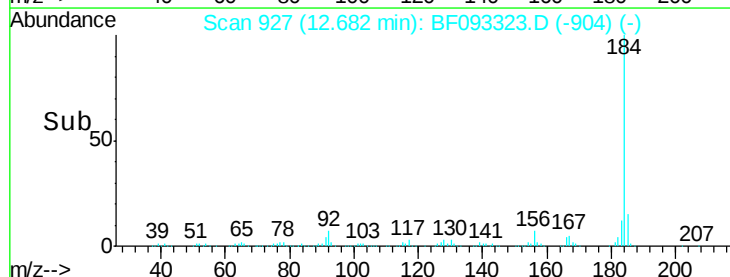
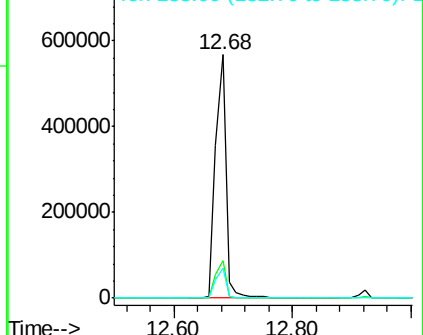
183 12.1 9.2 13.8

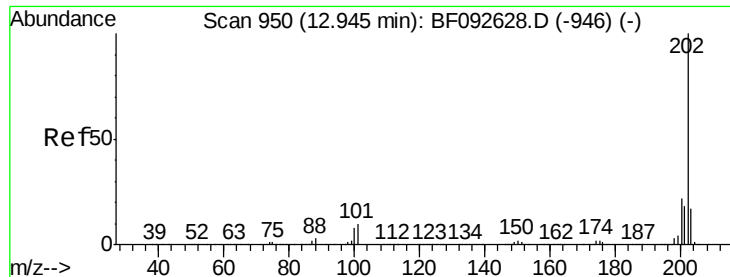


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

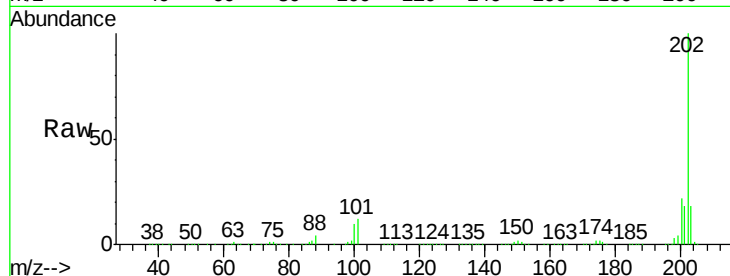




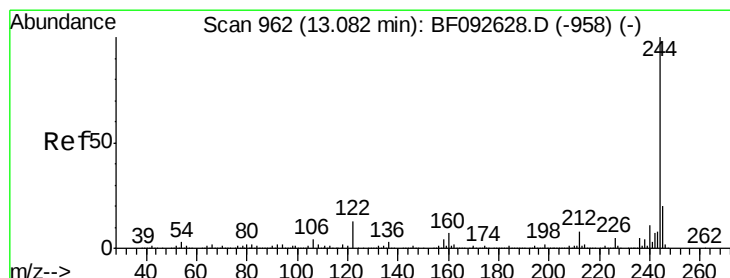
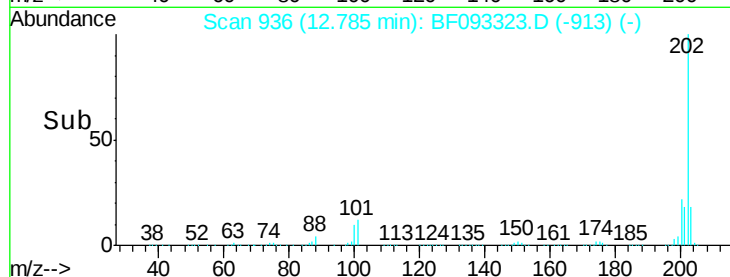
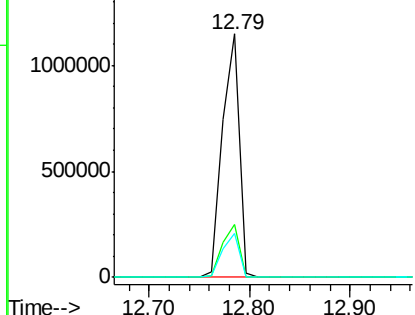
#77
 Pyrene
 Concen: 42.74 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion: 202 Resp: 1334110
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 18.0 14.7 22.1

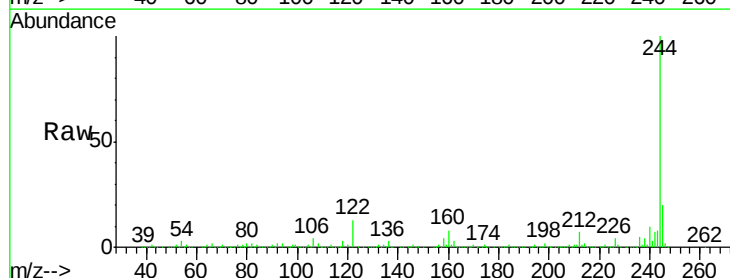


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

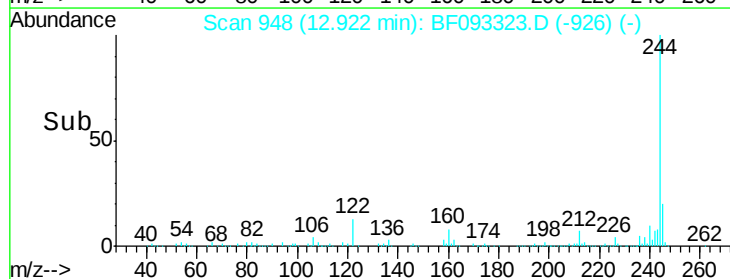
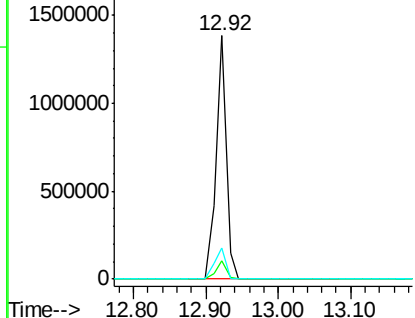


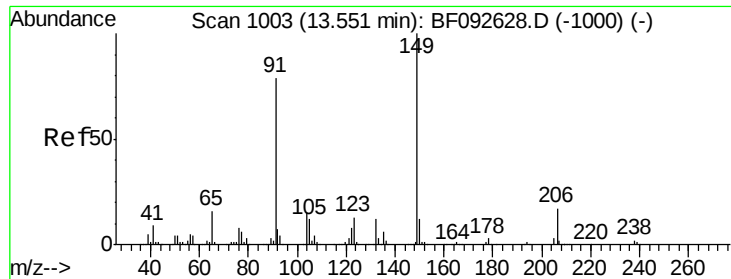
#78
 Terphenyl-d14
 Concen: 76.23 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion: 244 Resp: 1353188
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.9 11.4 17.2



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

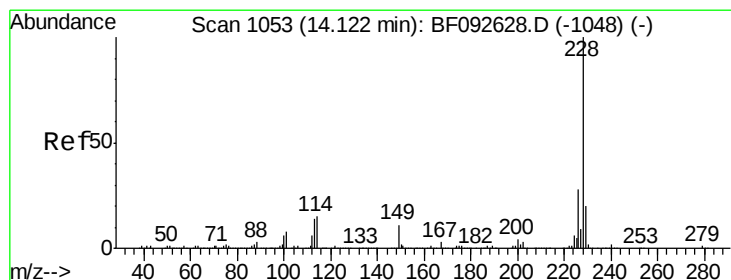
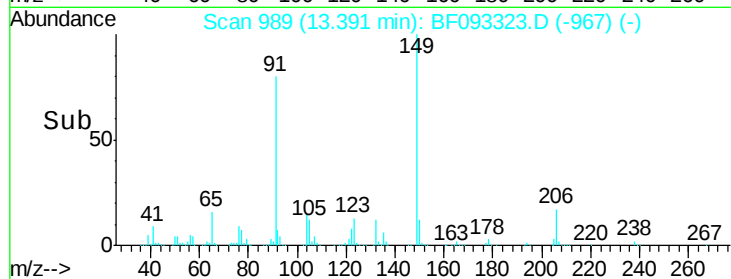
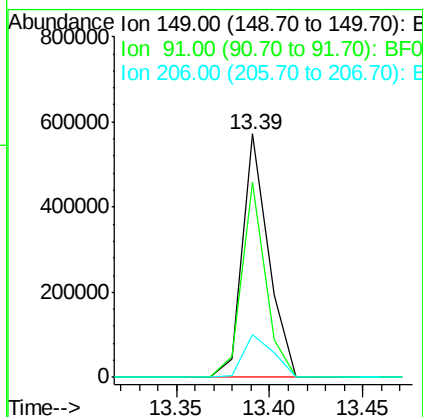
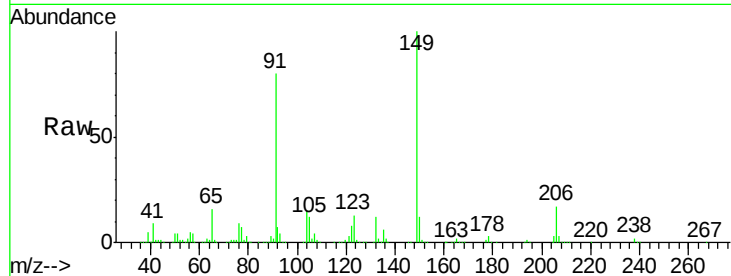




#79
Butylbenzylphthalate
Concen: 43.85 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

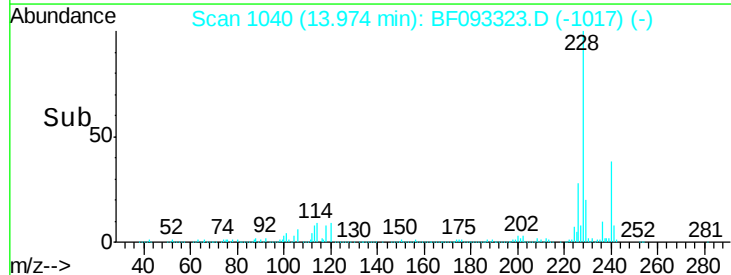
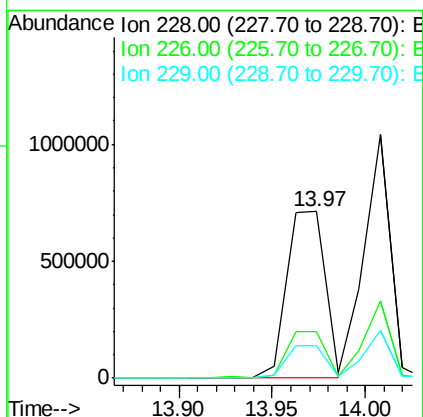
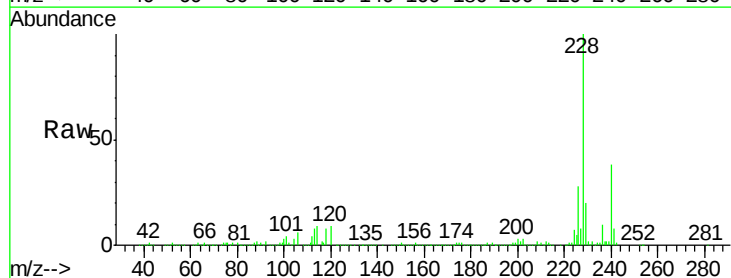
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

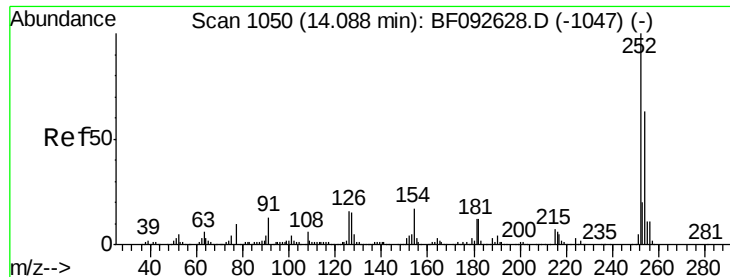
Tgt Ion:149 Resp: 555826
Ion Ratio Lower Upper
149 100
91 79.9 63.9 95.9
206 17.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.28 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:228 Resp: 1027550
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 19.6 16.2 24.4

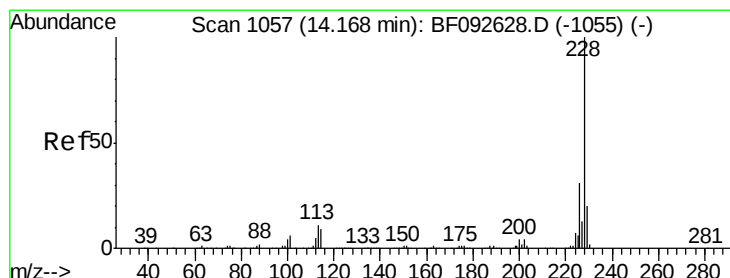
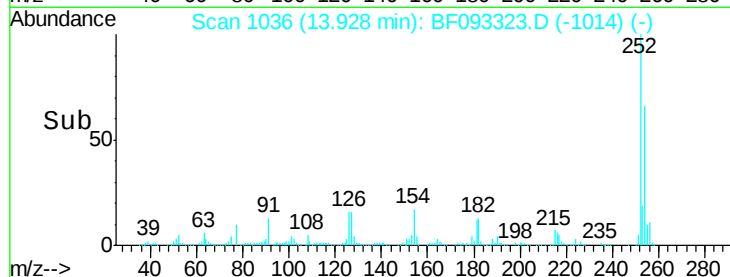
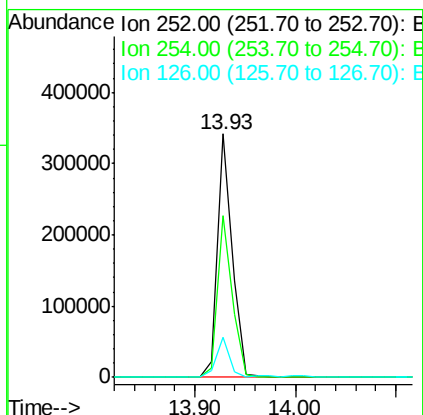
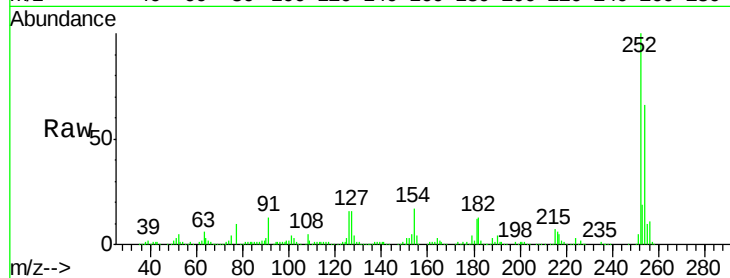




#81
 3,3'-Dichlorobenzidine
 Concen: 38.47 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

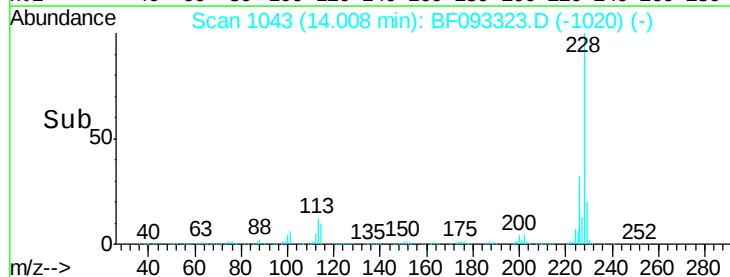
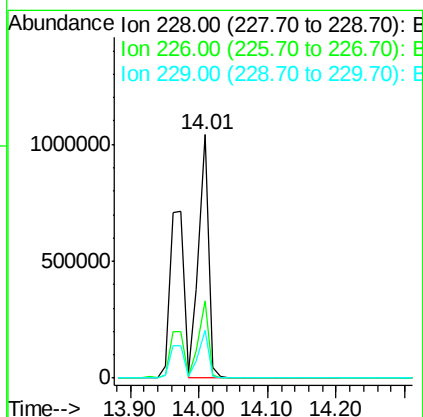
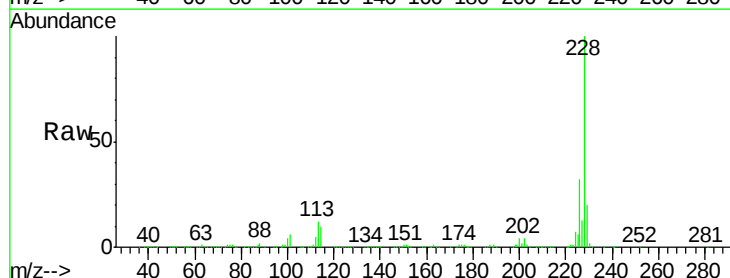
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

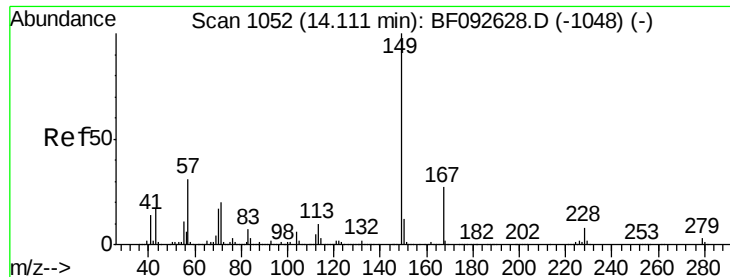
Tgt Ion: 252 Resp: 349791
 Ion Ratio Lower Upper
 252 100
 254 66.5 52.3 78.5
 126 16.5 13.6 20.4



#82
 Chrysene
 Concen: 42.67 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion: 228 Resp: 1019145
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.4 38.0
 229 19.7 16.2 24.2

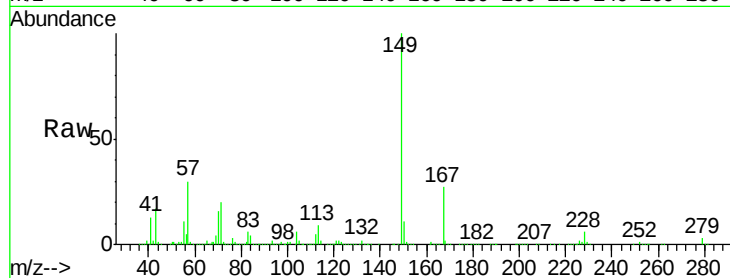




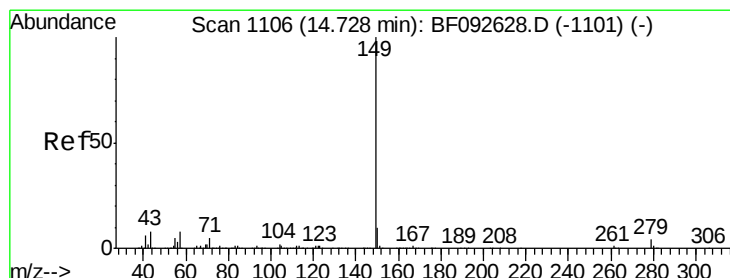
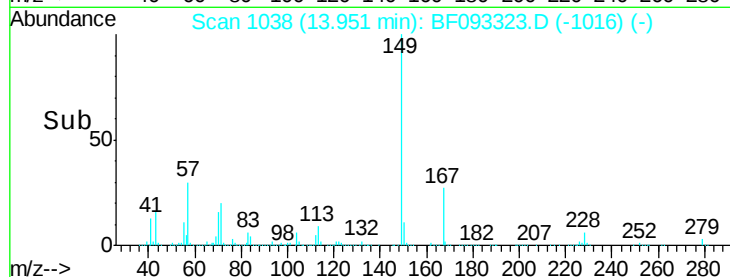
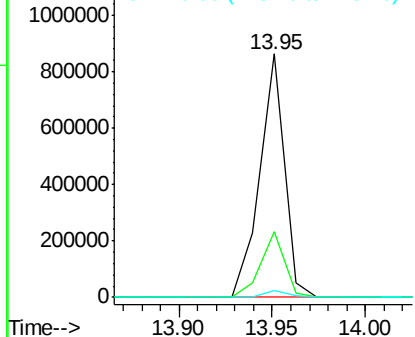
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.44 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 787724
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.0 1.8 2.8#

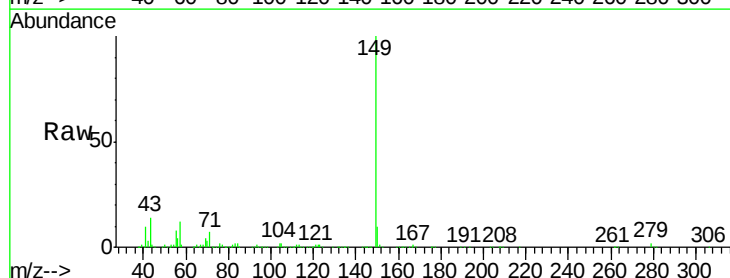


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

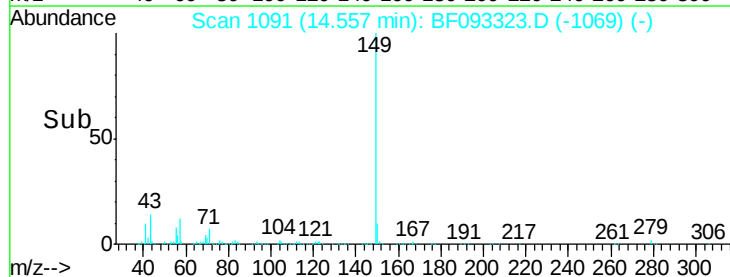
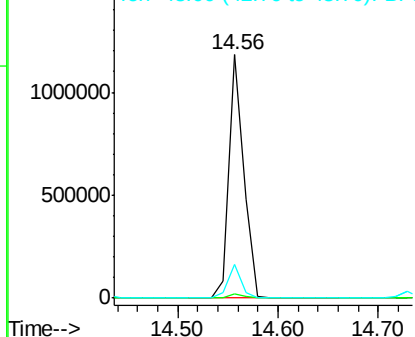


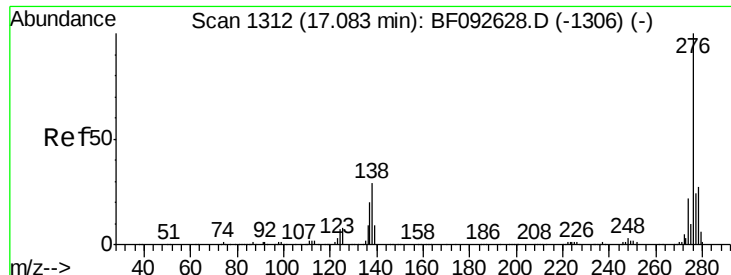
#84
 Di-n-octyl phthalate
 Concen: 42.87 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion:149 Resp: 1210203
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

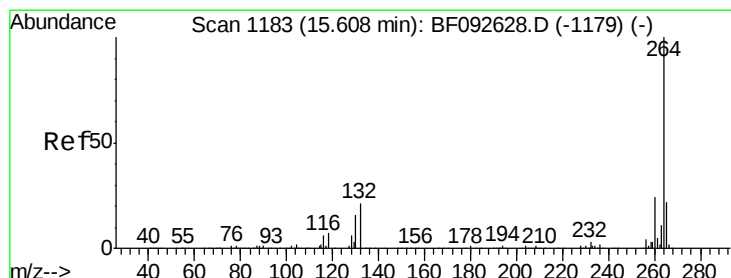
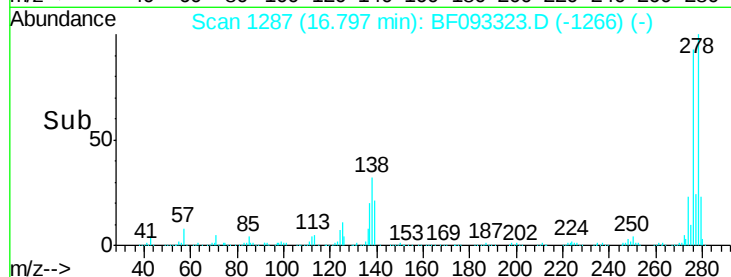
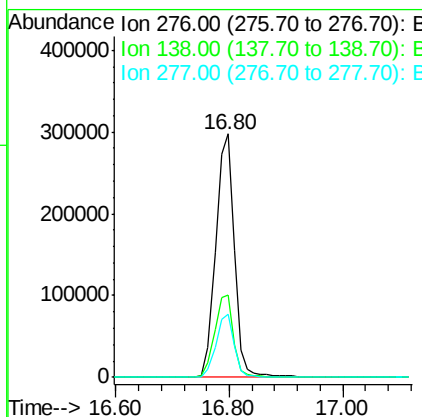
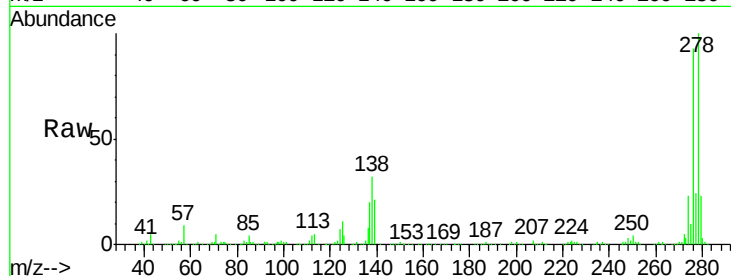




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.06 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

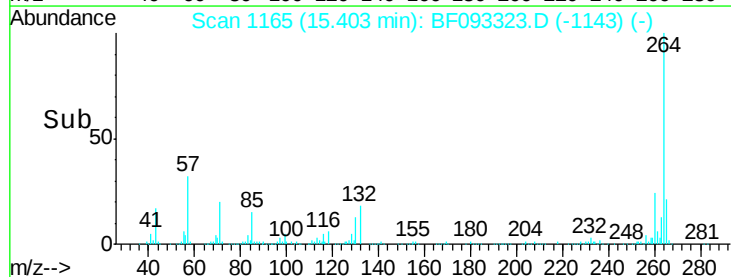
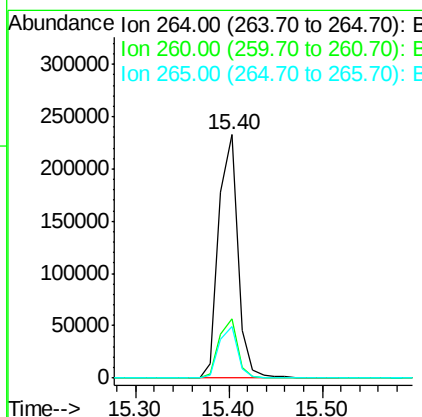
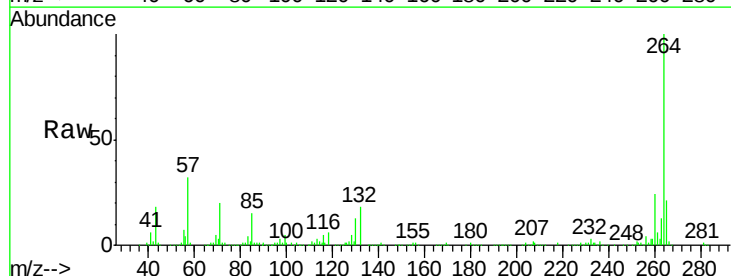
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

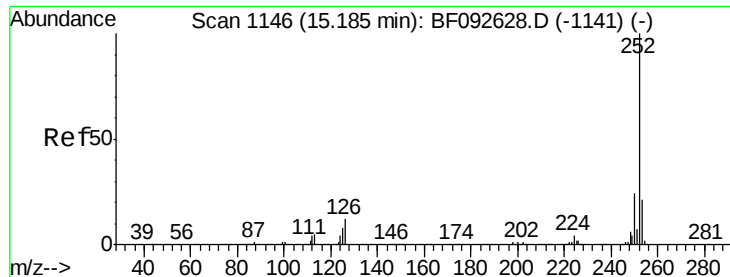
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.4	26.0

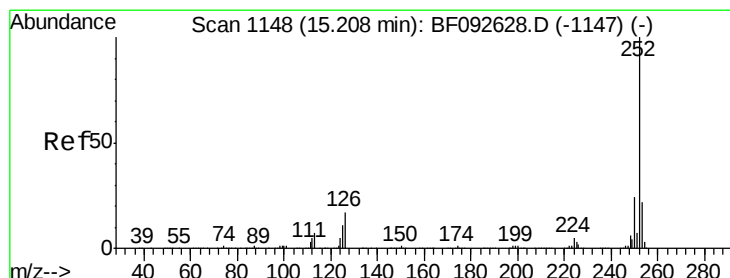
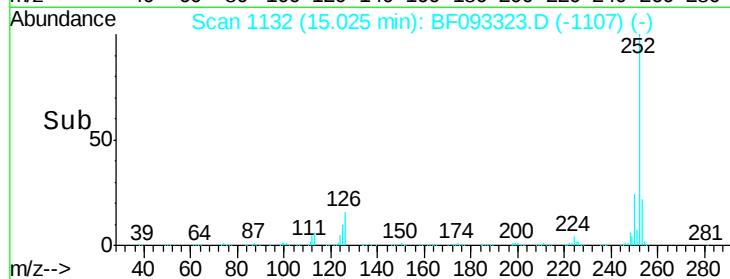
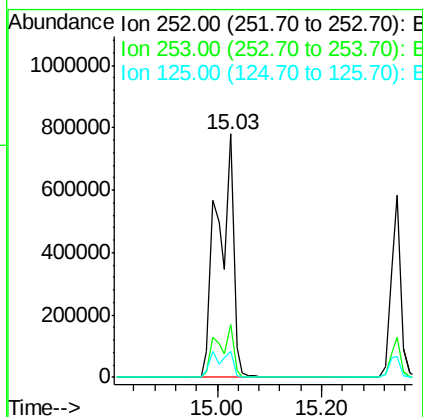
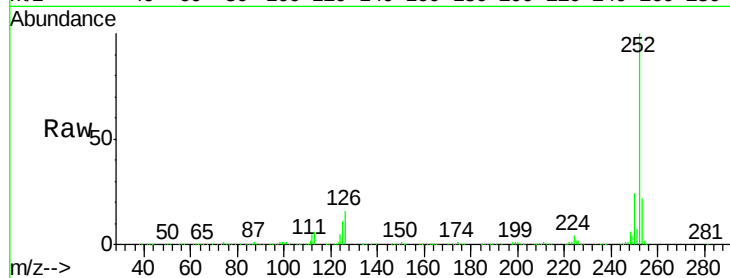




#87
Benzo(b)fluoranthene
Concen: 75.92 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

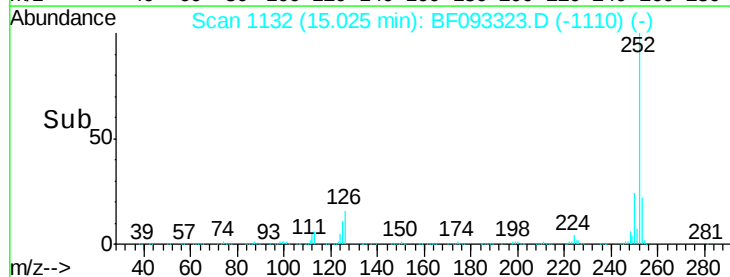
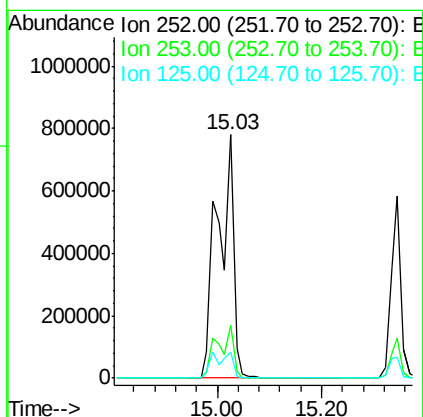
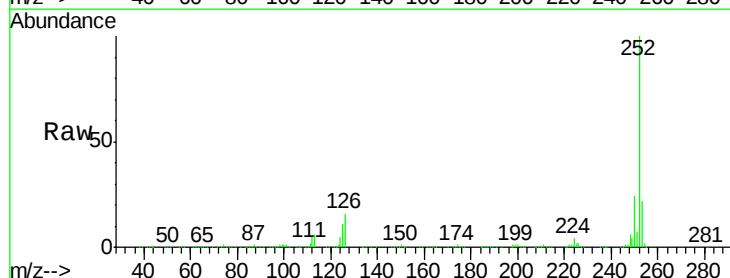
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

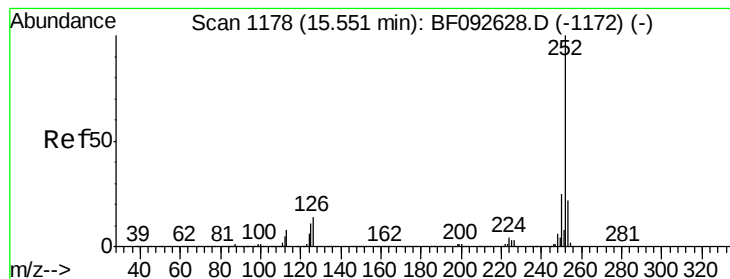
Tgt Ion:252 Resp: 1657898
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 87.93 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093323.D
Acq: 2 Mar 2017 16:08

Tgt Ion:252 Resp: 1657898
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 39.80 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

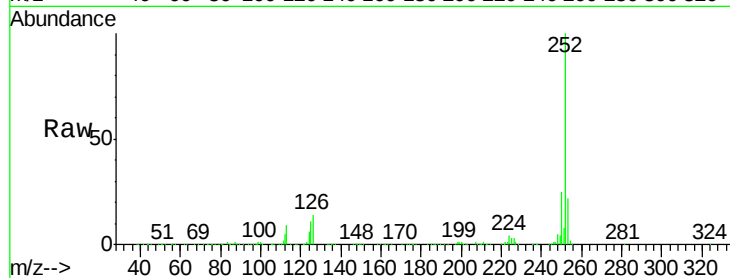
Tgt Ion:252 Resp: 751839

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

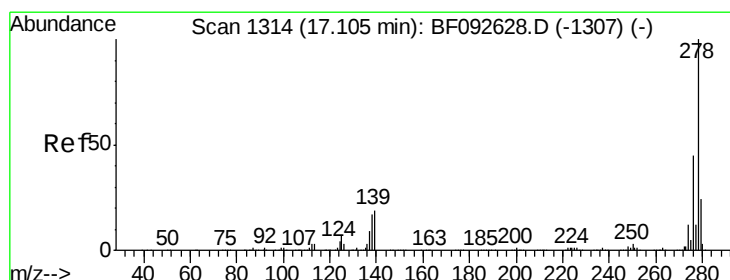
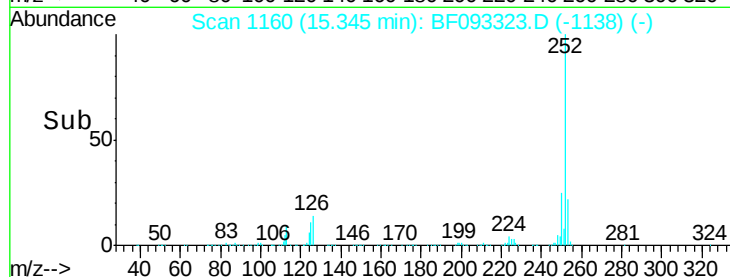
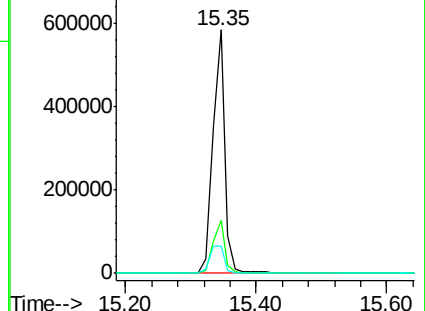
125 11.2 10.0 15.0



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: 37.79 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093323.D

Acq: 2 Mar 2017 16:08

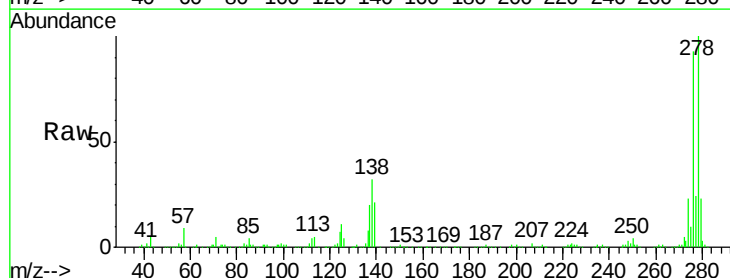
Tgt Ion:278 Resp: 576982

Ion Ratio Lower Upper

278 100

139 21.4 14.8 22.2

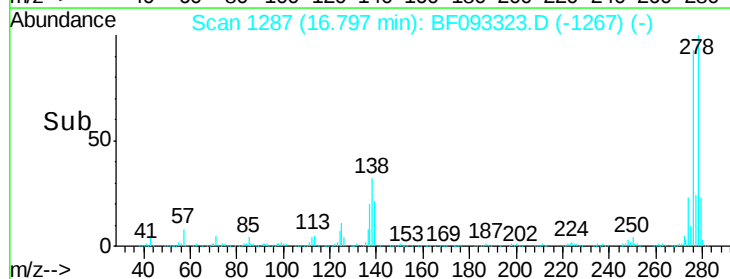
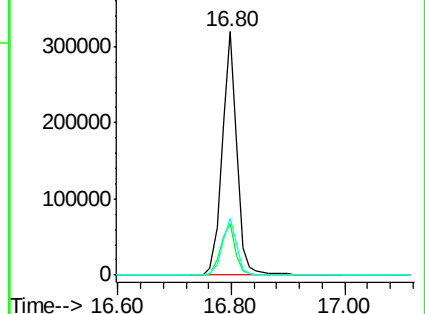
279 23.3 19.8 29.6

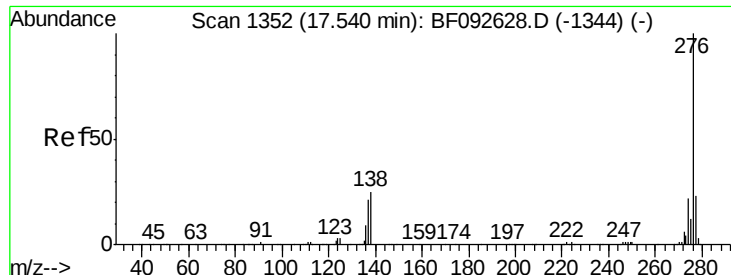


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

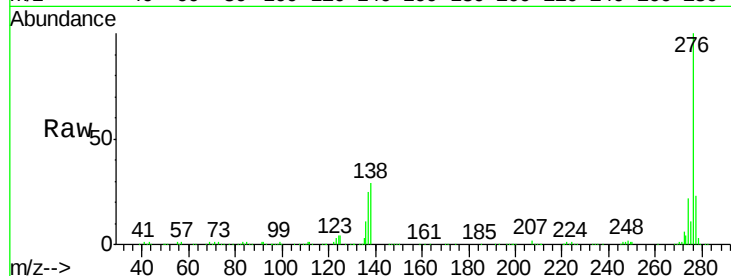




#91
 Benzo(g,h,i)perylene
 Concen: 39.01 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.08 min
 Lab File: BF093323.D
 Acq: 2 Mar 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	29.2	16.0	24.0



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

