

Data Path : Z:\HPCHEM1\BNA F\Data\BF022717\
 Data File : BF093198.D
 Acq On : 27 Feb 2017 10:11
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 27 10:52:08 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	6.83	152	215879	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	879228	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	475217	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	757112	20.00	ng	0.00
75) Chrysene-d12	14.02	240	549913	20.00	ng	0.00
86) Perylene-d12	15.44	264	443755	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	997022	79.23	ng	-0.02
7) Phenol-d6	6.49	99	1261638	77.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	1270627	80.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	235255	68.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1898578	72.38	ng	-0.01
78) Terphenyl-d14	12.96	244	1767215	75.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	273597	40.24	ng	# 85
3) Pyridine	3.08	79	762474	44.10	ng	86
4) n-Nitrosodimethylamine	3.06	42	360255	44.38	ng	85
6) Aniline	6.50	93	852765	38.61	ng	89
8) 2-Chlorophenol	6.62	128	573542	41.32	ng	91
9) Benzaldehyde	6.37	77	395560	34.10	ng	91
10) Phenol	6.50	94	765671	40.42	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	611149	40.42	ng	90
12) 1,3-Dichlorobenzene	6.77	146	683754	42.05	ng	98
13) 1,4-Dichlorobenzene	6.77	146	683754	41.55	ng	95
14) 1,2-Dichlorobenzene	7.00	146	571182	36.30	ng	98
15) Benzyl Alcohol	6.99	79	444789	37.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	996130	37.92	ng	82
17) 2-Methylphenol	7.10	107	474434	39.84	ng	95
18) Hexachloroethane	7.34	117	236687	42.13	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	428599	41.59	ng	98
20) 3+4-Methylphenols	7.26	107	569000	39.96	ng	# 80
22) Acetophenone	7.25	105	778348	38.77	ng	# 98
24) Nitrobenzene	7.42	77	627002	38.67	ng	99
25) Isophorone	7.68	82	1234067	41.95	ng	99
26) 2-Nitrophenol	7.74	139	323146	41.93	ng	97
27) 2,4-Dimethylphenol	7.79	122	499389	36.90	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	774462	39.75	ng	99
29) 2,4-Dichlorophenol	8.00	162	514077	40.73	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	509412	37.45	ng	# 94
31) Naphthalene	8.14	128	1632353	36.62	ng	100
32) Benzoic acid	7.95	122	270958	37.23	ng	98
33) 4-Chloroaniline	8.20	127	657459	37.61	ng	94
34) Hexachlorobutadiene	8.26	225	265725	35.51	ng	99
35) Caprolactam	8.60	113	155201	39.09	ng	# 27
36) 4-Chloro-3-methylphenol	8.70	107	511234	38.85	ng	99
37) 2-Methylnaphthalene	8.84	142	981445	34.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	489571	36.70	ng	99
40) Hexachlorocyclopentadiene	8.99	237	210268	34.94	ng	95

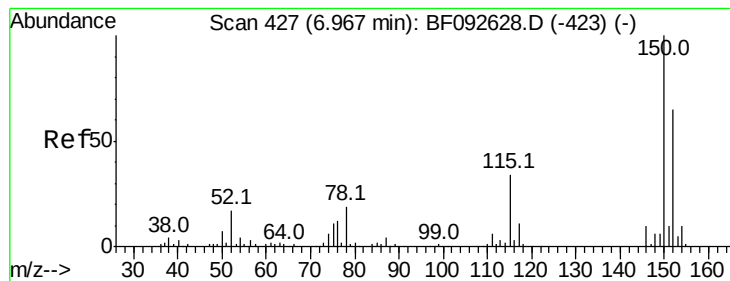
Data Path : Z:\HPCHEM1\BNA F\Data\BF022717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	321600	36.69	nq	91
43) 2,4,5-Trichlorophenol	9.18	196	358308	37.31	nq	# 82
45) 1,1'-Biphenyl	9.31	154	1191377	34.62	nq	97
46) 2-Chloronaphthalene	9.33	162	1035135	38.45	nq	94
47) 2-Nitroaniline	9.45	65	399469	44.14	nq	# 79
48) Acenaphthylene	9.76	152	1676940	36.06	nq	99
49) Dimethylphthalate	9.62	163	1198507	37.44	nq	98
50) 2,6-Dinitrotoluene	9.69	165	260663	37.71	nq	# 81
51) Acenaphthene	9.93	154	947338	34.07	nq	97
52) 3-Nitroaniline	9.86	138	303036	38.31	nq	99
53) 2,4-Dinitrophenol	9.97	184	140511	42.33	nq	# 85
54) Dibenzofuran	10.10	168	1206463	32.44	nq	96
55) 4-Nitrophenol	10.04	139	192957	33.87	nq	# 80
56) 2,4-Dinitrotoluene	10.10	165	342134	37.18	nq	91
57) Fluorene	10.44	166	1072497	37.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	263365	41.11	nq	93
59) Diethylphthalate	10.32	149	1036188	34.35	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	443316	32.25	nq	90
61) 4-Nitroaniline	10.48	138	305773	37.74	nq	94
62) Azobenzene	10.59	77	1204118	38.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	213809	46.48	nq	82
65) n-Nitrosodiphenylamine	10.56	169	927021	38.33	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	311489	39.38	nq	# 89
67) Hexachlorobenzene	10.99	284	308158	39.42	nq	99
68) Atrazine	11.08	200	277945	35.81	nq	99
69) Pentachlorophenol	11.19	266	132877	37.17	nq	98
70) Phenanthrene	11.40	178	1538358	35.47	nq	100
71) Anthracene	11.46	178	1729359	39.70	nq	98
72) Carbazole	11.62	167	1726606	41.47	nq	97
73) Di-n-butylphthalate	11.94	149	1856229	41.22	nq	# 97
74) Fluoranthene	12.59	202	1656070	37.01	nq	97
76) Benzidine	12.72	184	860989	36.74	nq	98
77) Pyrene	12.82	202	1714424	41.66	nq	99
79) Butylbenzylphthalate	13.43	149	727050	43.50	nq	97
80) Benzo(a)anthracene	14.00	228	1334183	39.67	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	460255	38.39	nq	99
82) Chrysene	14.04	228	1328844	42.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	998744	43.70	nq	# 96
84) Di-n-octyl phthalate	14.59	149	1506147	40.47	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	959924	39.35	nq	# 93
87) Benzo(b)fluoranthene	15.06	252	2184963	74.81	nq	99
88) Benzo(k)fluoranthene	15.06	252	2185785	86.67	nq	97
89) Benzo(a)pyrene	15.38	252	995149	39.39	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	811195	39.73	nq	96
91) Benzo(g,h,i)perylene	17.28	276	850603	41.24	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093198.D

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BNA_F

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SSTDCCC040

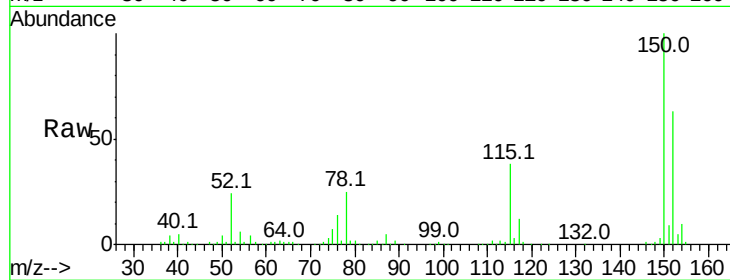
Tot Ion:152 Resp: 215879

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

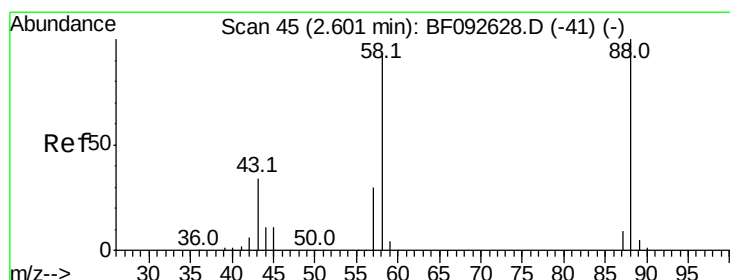
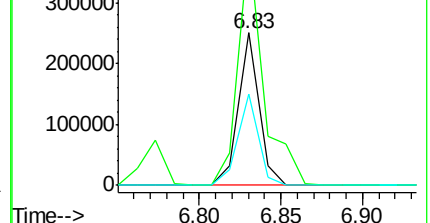
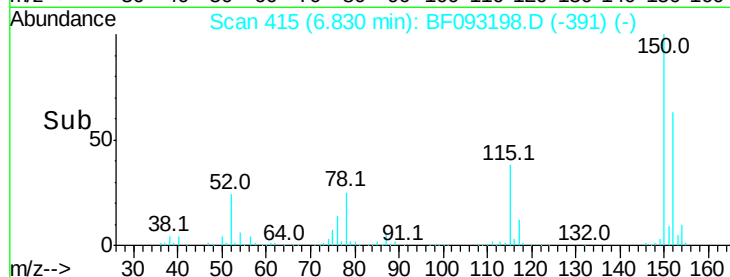
115 60.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.24 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.06 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

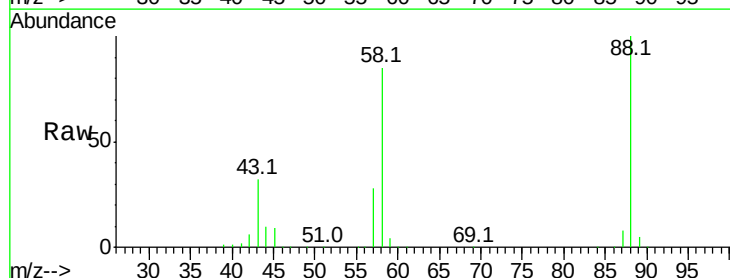
Tgt Ion: 88 Resp: 273597

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

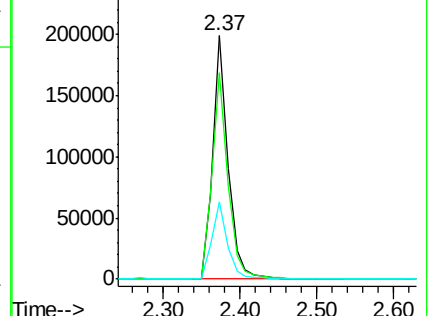
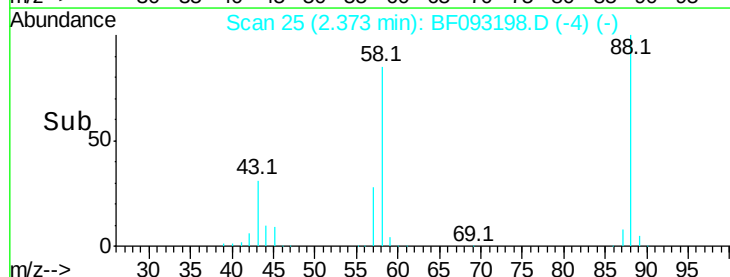
43 31.3 22.3 33.5

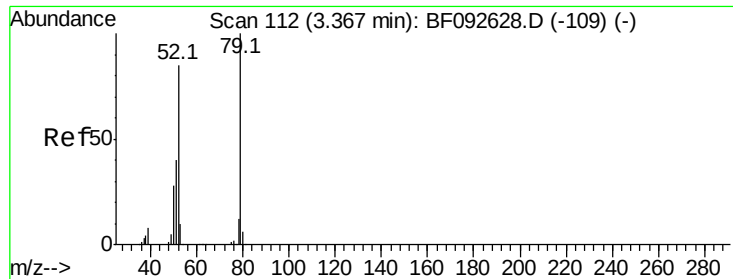


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

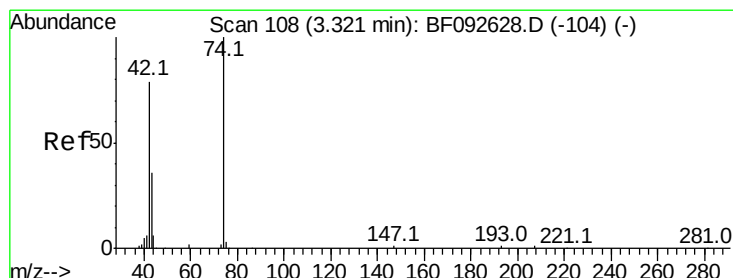
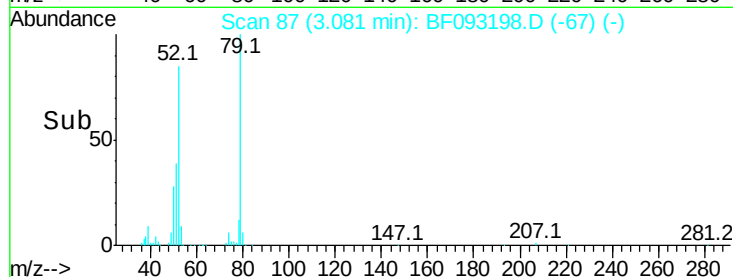
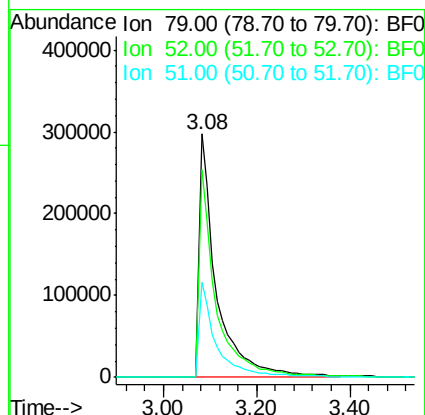
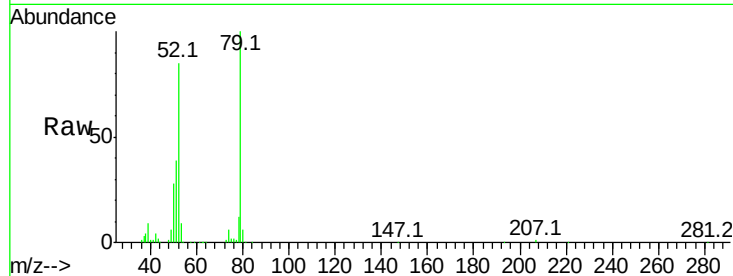




#3
 Pvridine
 Concen: 44.10 ng
 RT: 3.08 min Scan# 87
 Delta R.T. -0.07 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

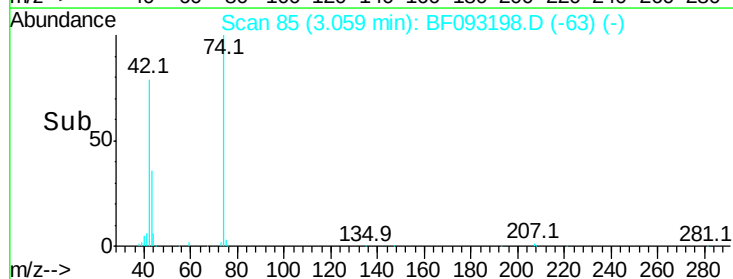
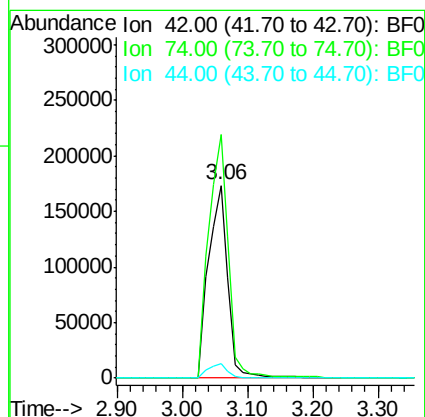
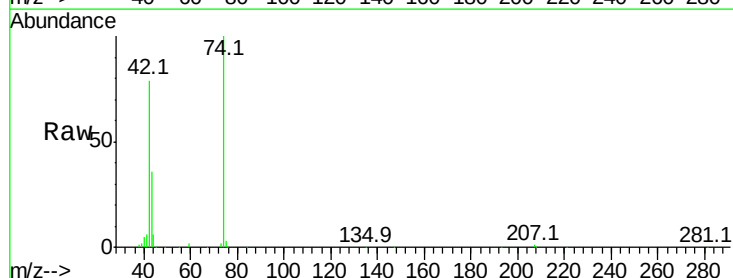
Instrument :
 BNA_F
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 SSTDCCC040

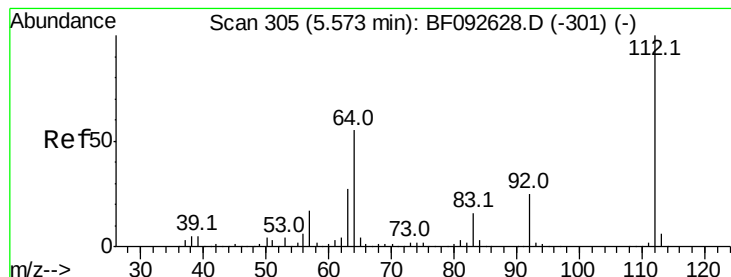
Tot Ion: 79 Resp: 762474
 Ion Ratio Lower Upper
 79 100
 52 85.1 57.1 85.7
 51 39.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 44.38 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.05 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion: 42 Resp: 360255
 Ion Ratio Lower Upper
 42 100
 74 126.5 117.0 175.4
 44 7.5 5.5 8.3

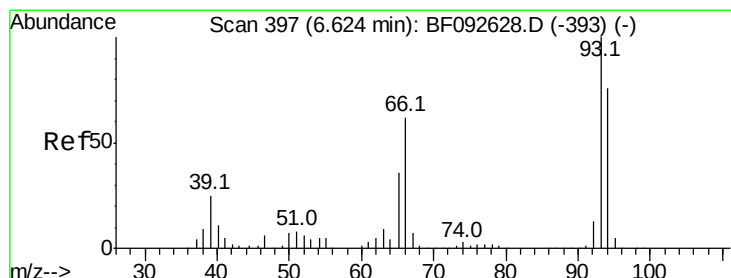
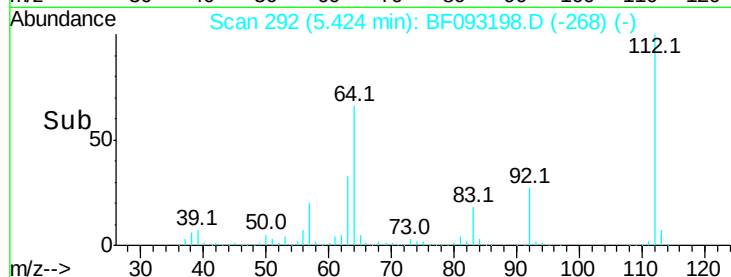
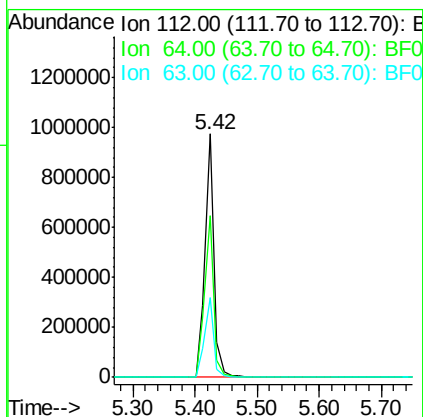
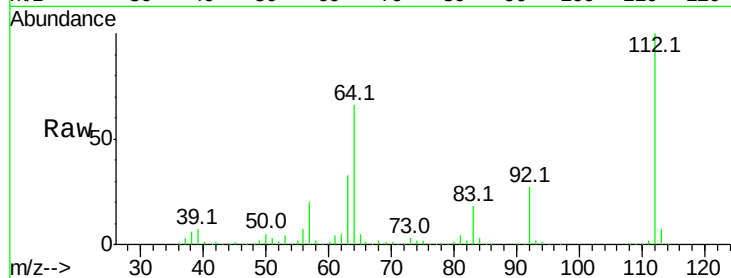




#5
 2-Fluorophenol
 Concen: 79.23 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

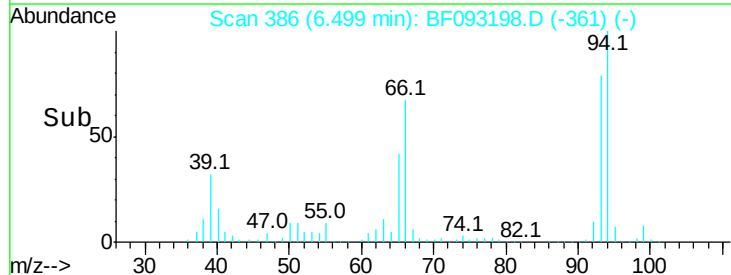
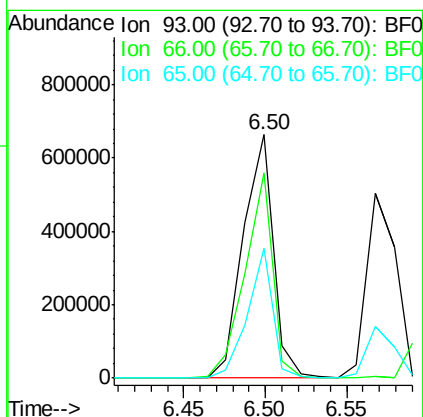
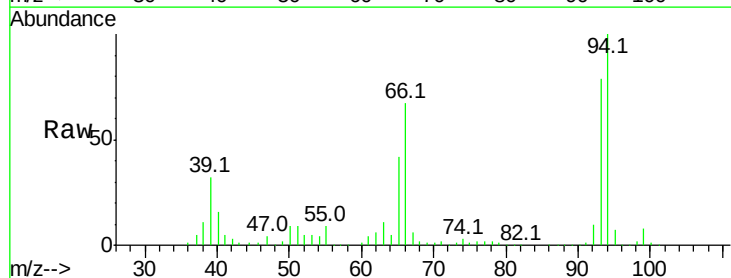
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

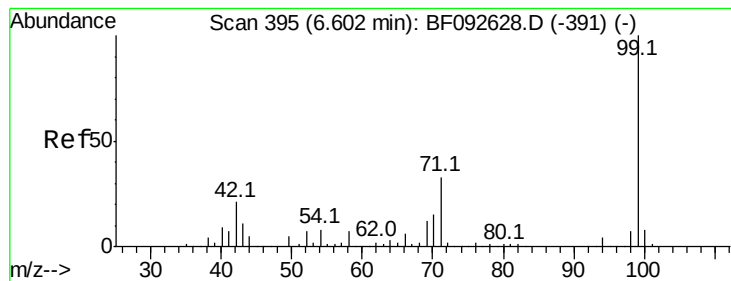
Tot Ion:	112	Resp:	997022
Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.1	69.1
63	32.8	23.8	35.6



#6
 Aniline
 Concen: 38.61 ng
 RT: 6.50 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:	93	Resp:	852765
Ion	Ratio	Lower	Upper
93	100		
66	84.1	76.2	114.2
65	53.4	49.3	73.9





#7

Phenol-d6

Concen: 77.93 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

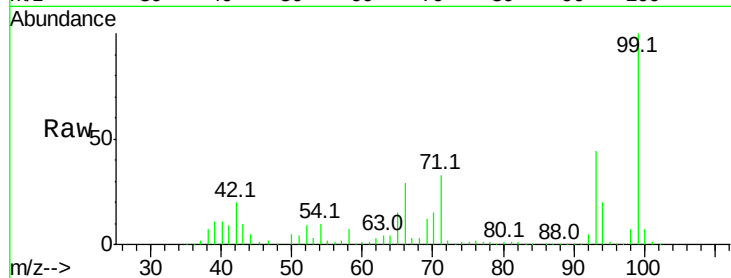
Tot Ion: 99 Resp: 1261638

Ion Ratio Lower Upper

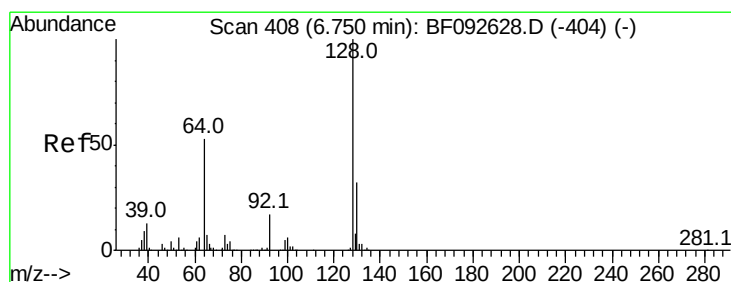
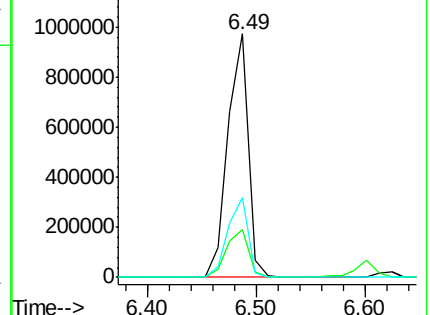
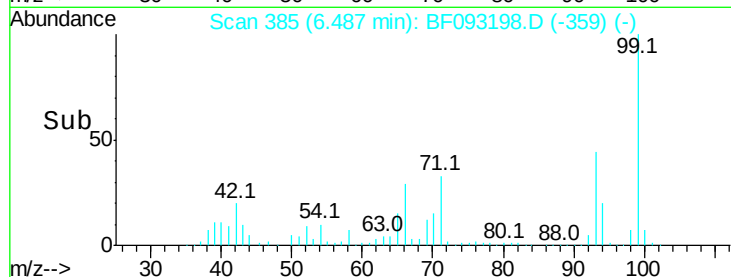
99 100

42 19.7 15.6 23.4

71 32.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.32 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

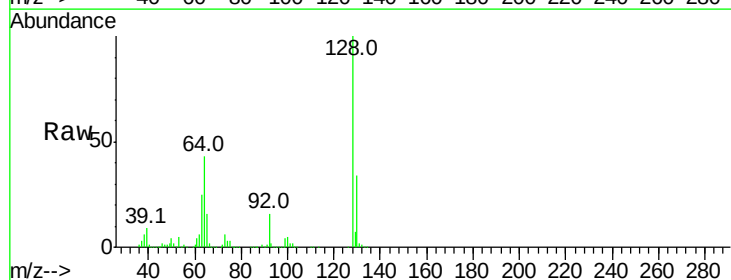
Tgt Ion: 128 Resp: 573542

Ion Ratio Lower Upper

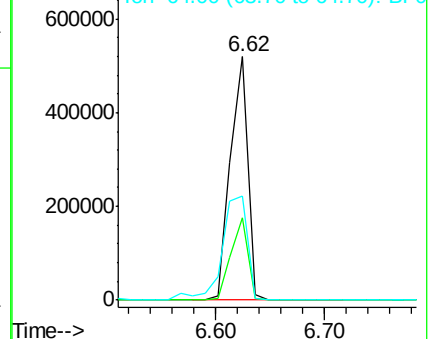
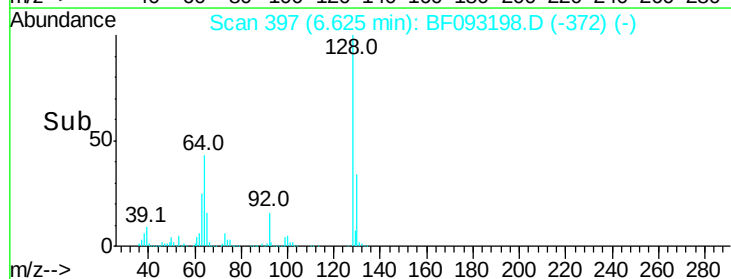
128 100

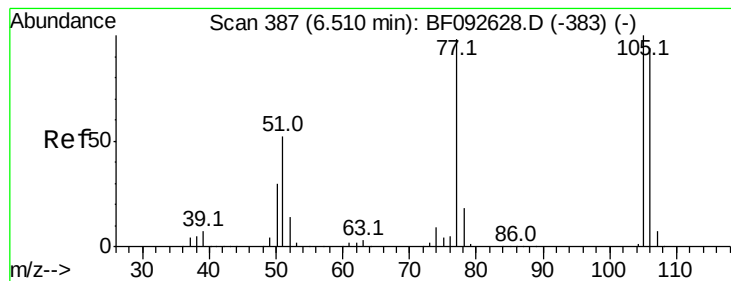
130 33.6 12.3 52.3

64 42.7 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: 34.10 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

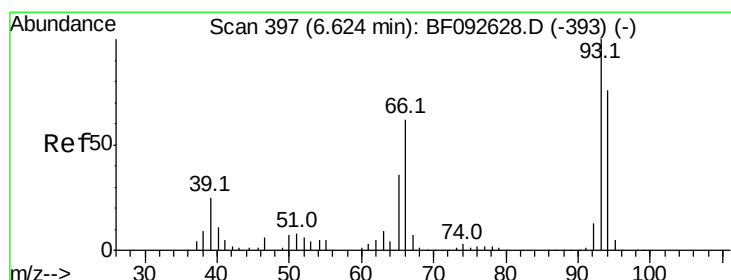
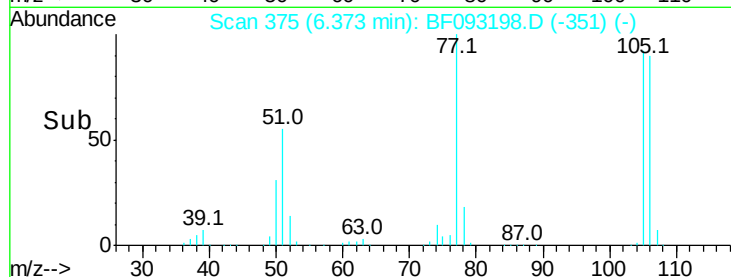
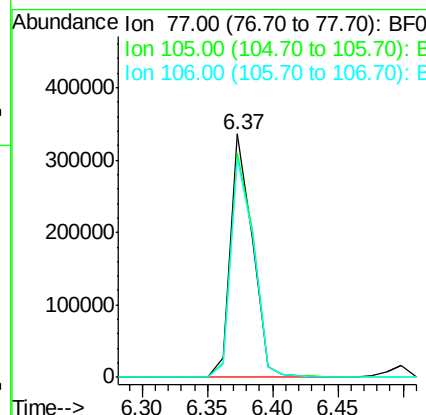
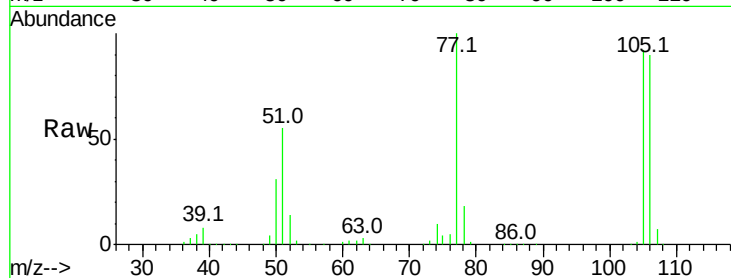
Tot Ion: 77 Resp: 395560

Ion Ratio Lower Upper

77 100

105 92.4 83.9 123.9

106 90.1 77.6 117.6



#10

Phenol

Concen: 40.42 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

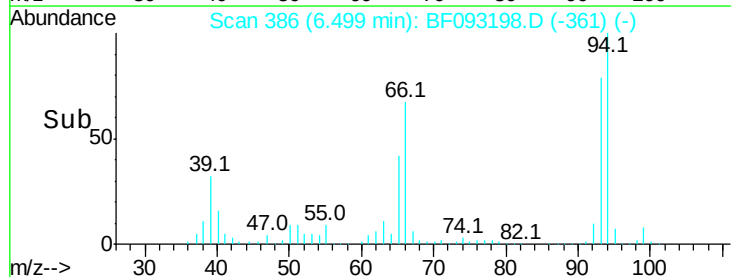
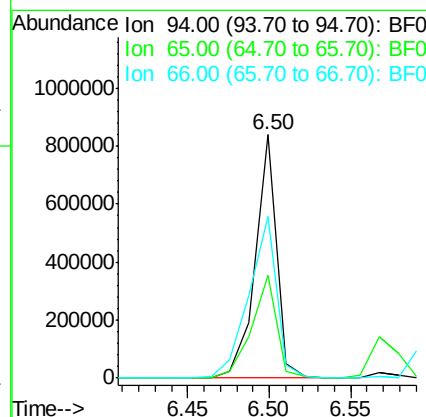
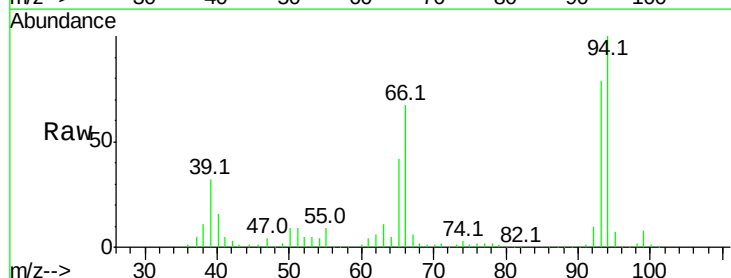
Tgt Ion: 94 Resp: 765671

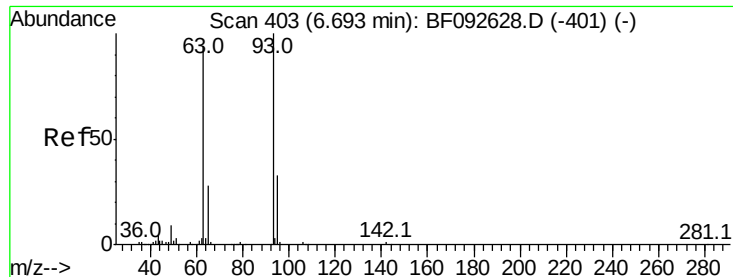
Ion Ratio Lower Upper

94 100

65 42.2 21.4 61.4

66 66.5 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 40.42 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

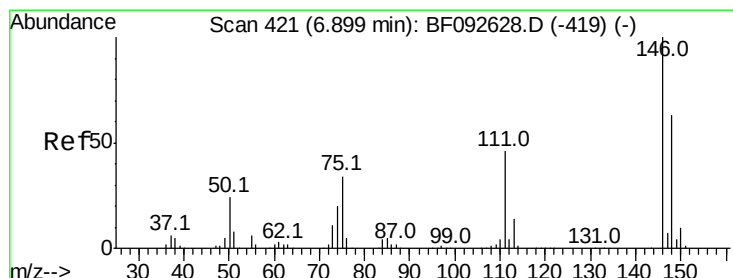
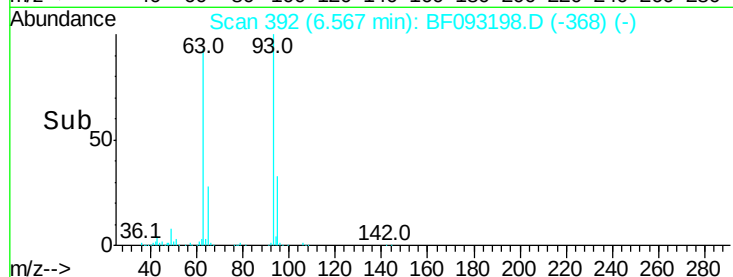
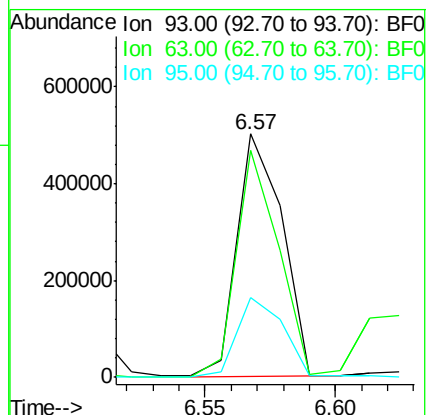
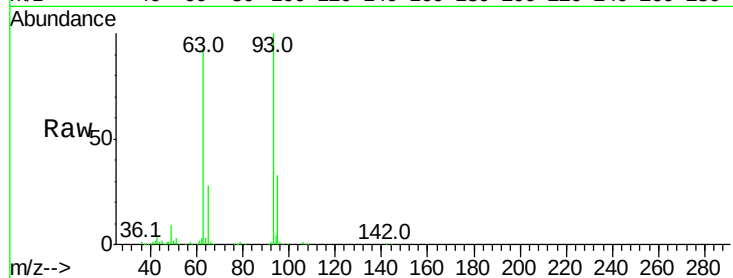
Tot Ion: 93 Resp: 611149

Ion Ratio Lower Upper

93 100

63 93.0 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.05 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

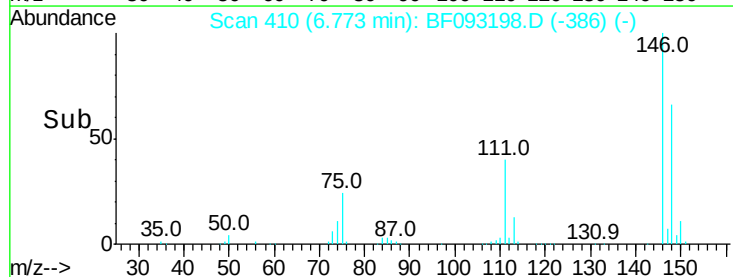
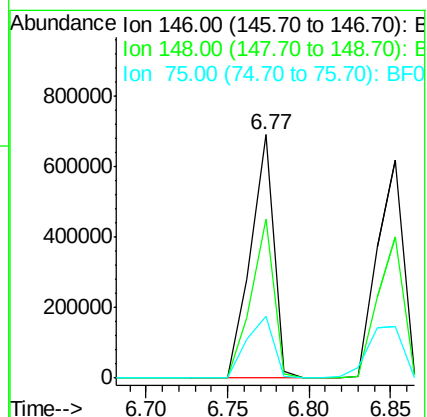
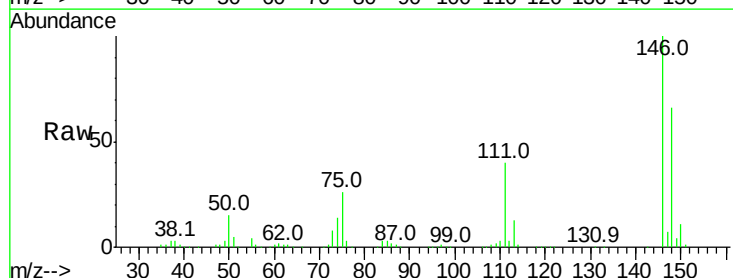
Tgt Ion: 146 Resp: 683754

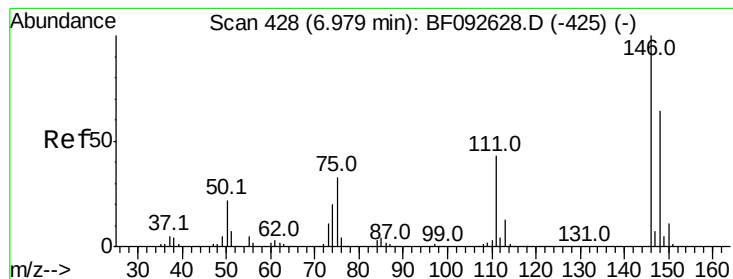
Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.0

75 25.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.55 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.10 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

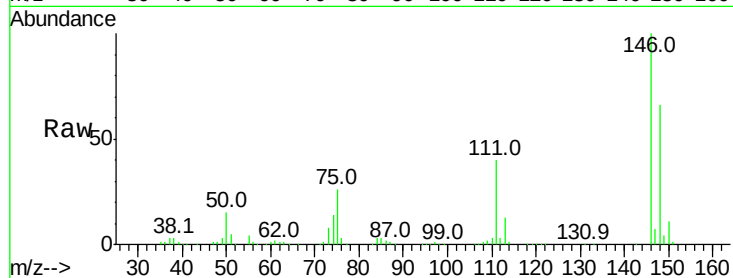
Tot Ion:146 Resp: 683754

Ion Ratio Lower Upper

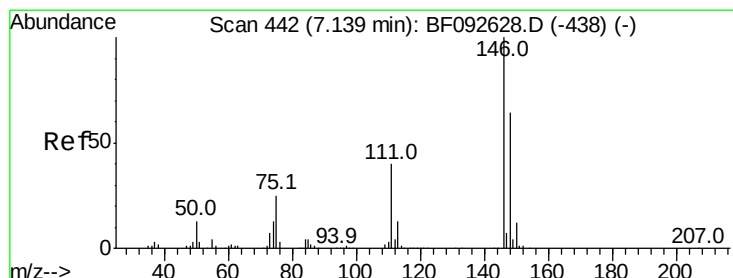
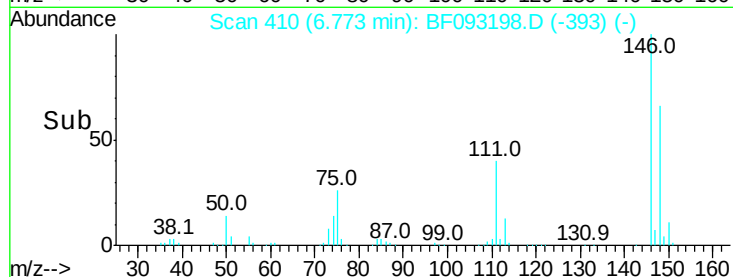
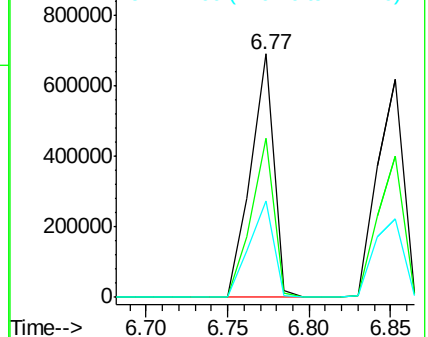
146 100

148 65.5 50.6 76.0

111 39.5 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 36.30 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

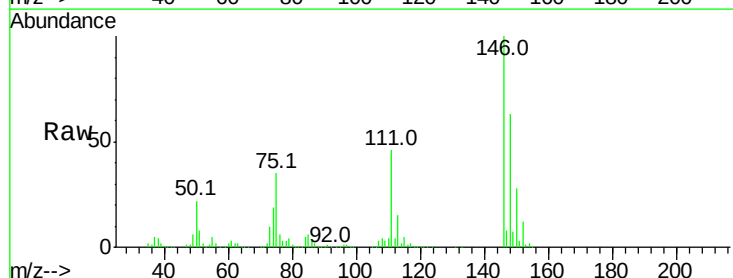
Tgt Ion:146 Resp: 571182

Ion Ratio Lower Upper

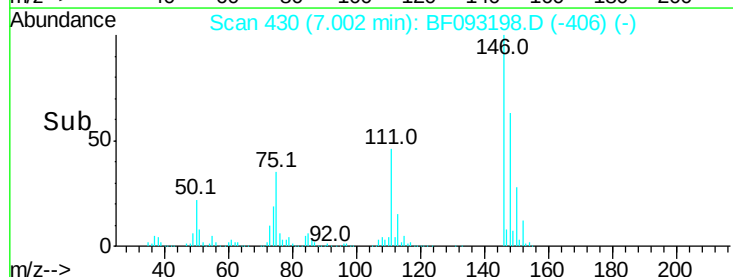
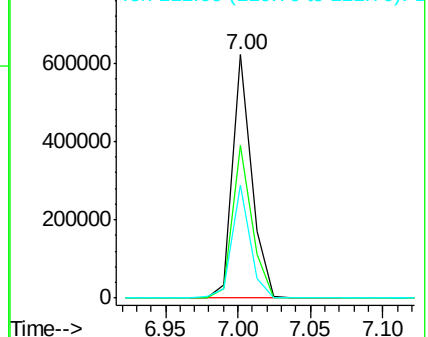
146 100

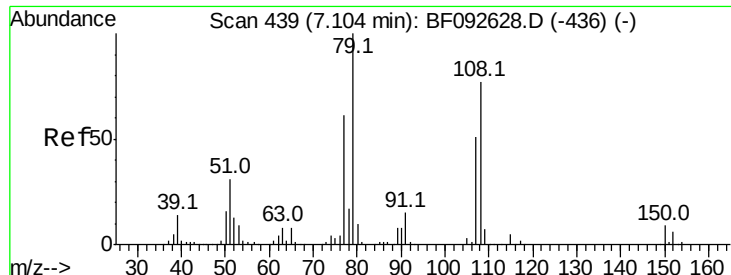
148 63.0 52.2 78.2

111 46.4 36.2 54.2



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

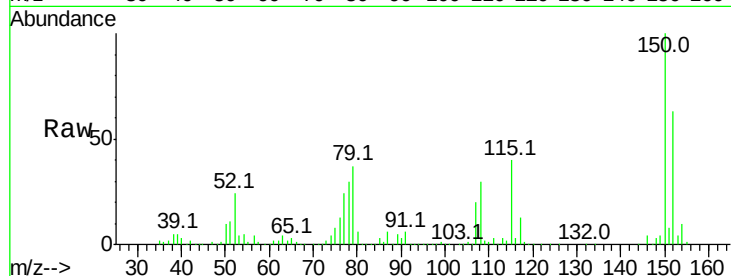




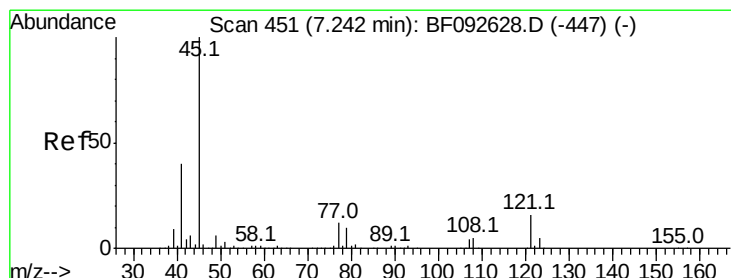
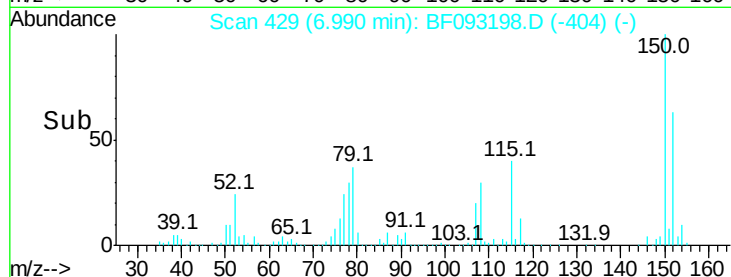
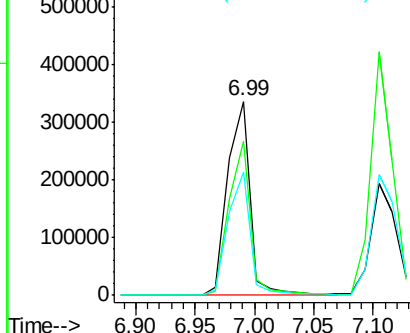
#15
Benzyl Alcohol
Concen: 37.11 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 444789
Ion Ratio Lower Upper
79 100
108 79.7 61.4 92.0
77 63.5 50.9 76.3

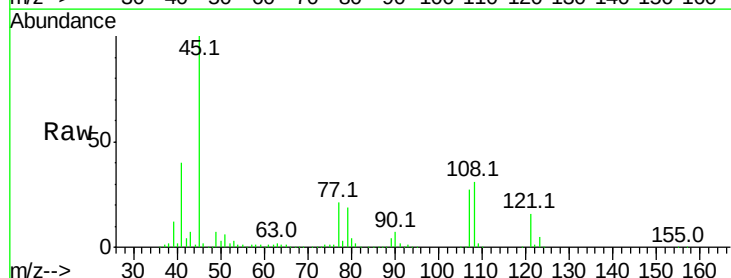


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

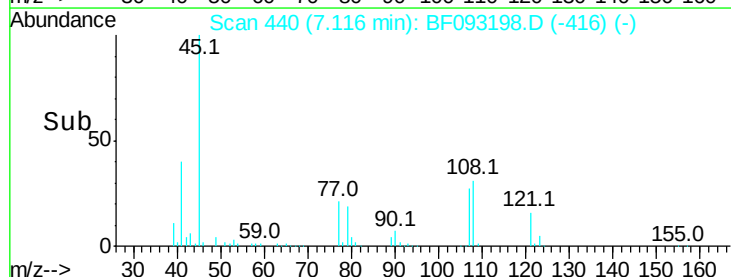
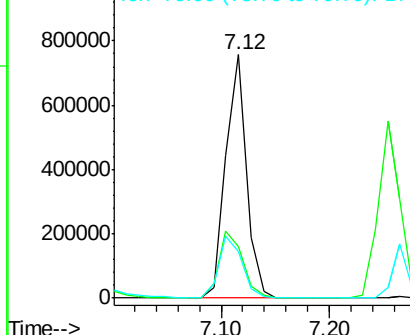


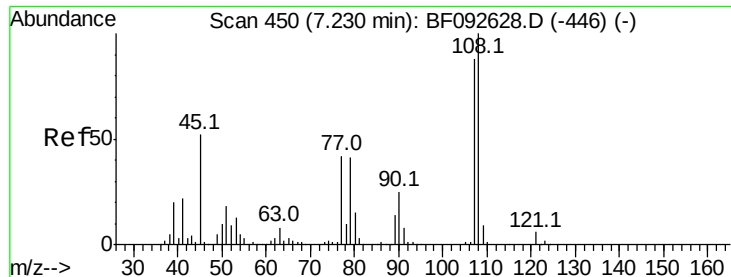
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.92 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion: 45 Resp: 996130
Ion Ratio Lower Upper
45 100
77 21.5 0.0 34.6
79 19.1 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

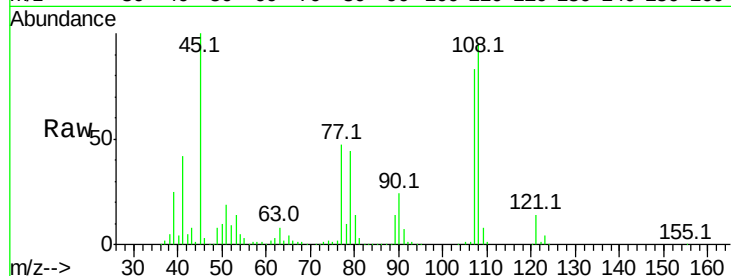




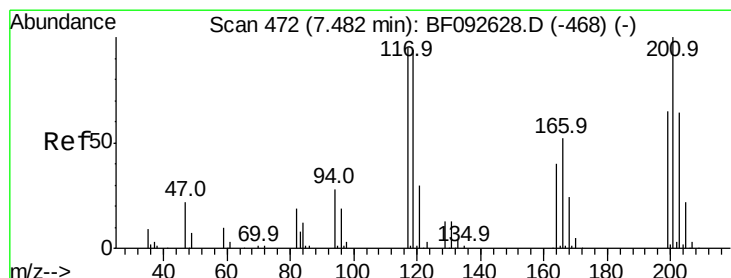
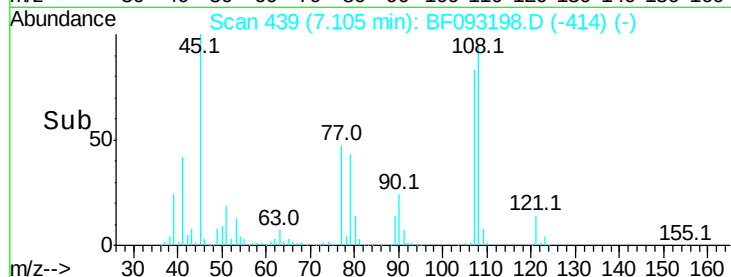
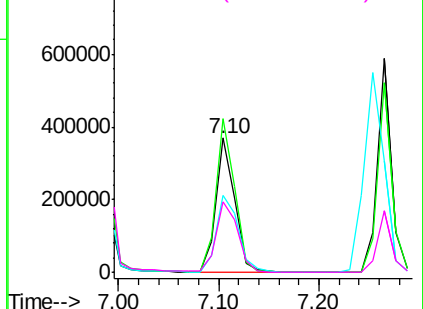
#17
2-Methylphenol
Concen: 39.84 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 474434
Ion Ratio Lower Upper
107 100
108 114.4 93.0 139.6
77 56.9 39.8 59.8
79 52.6 38.0 57.0

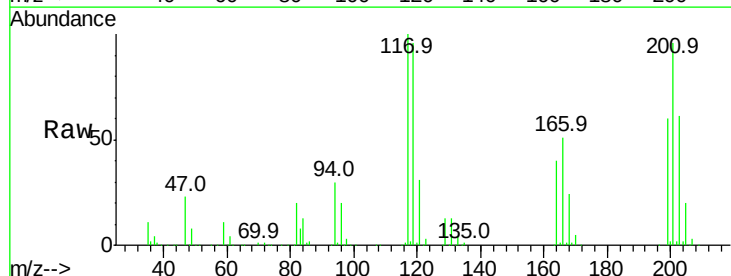


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

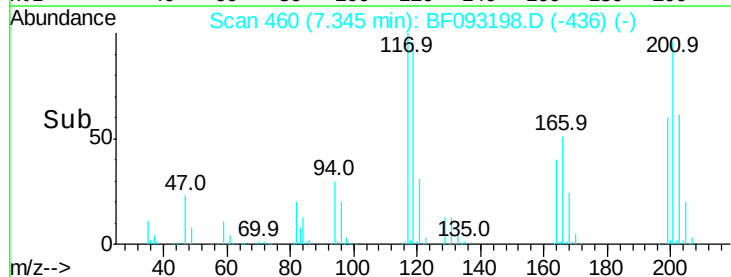
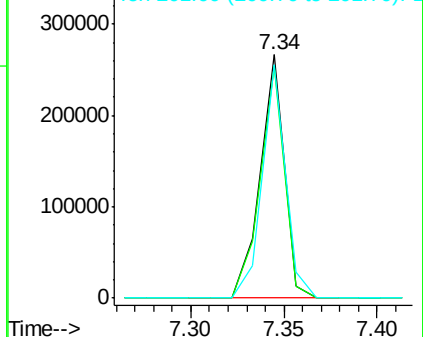


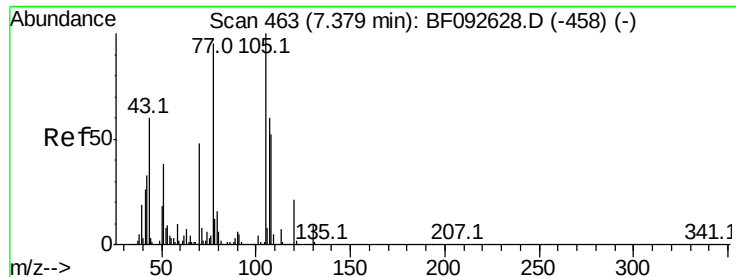
#18
Hexachloroethane
Concen: 42.13 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:117 Resp: 236687
Ion Ratio Lower Upper
117 100
119 95.6 78.1 117.1
201 95.9 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

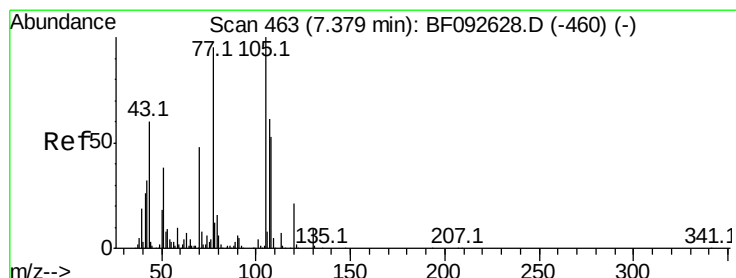
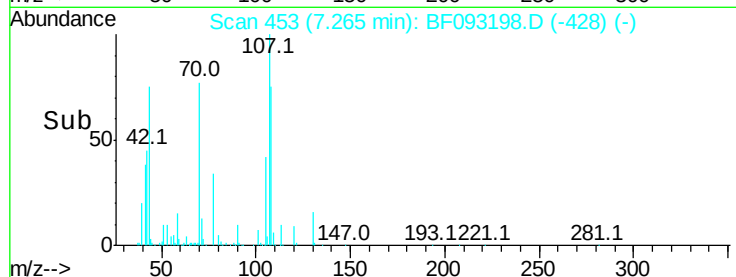
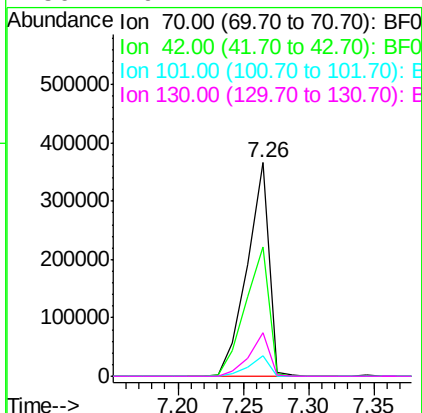
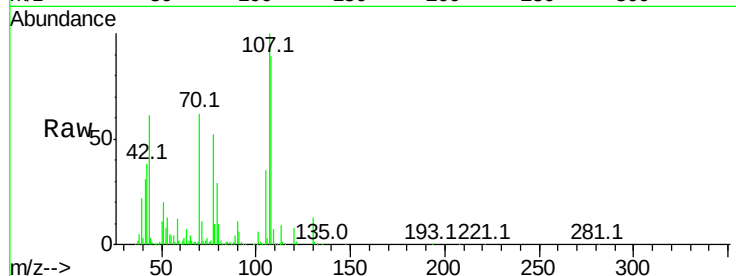




#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

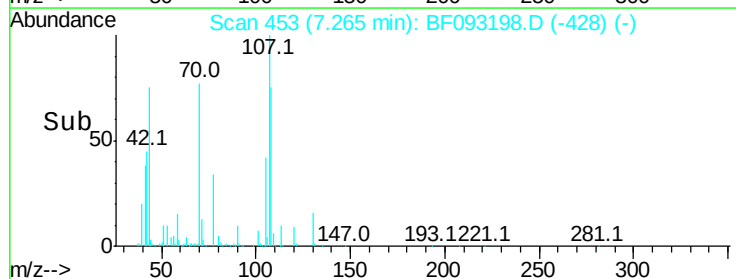
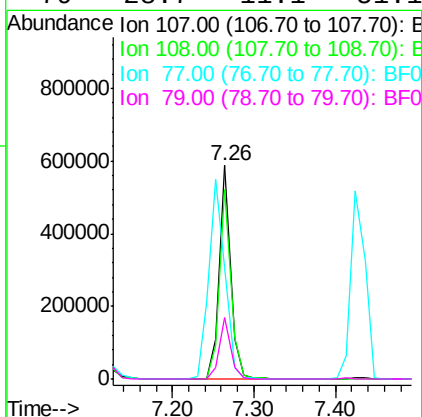
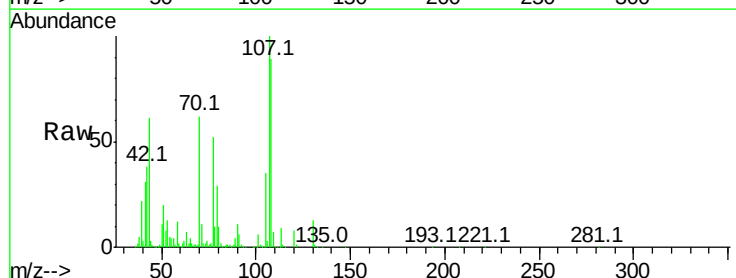
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

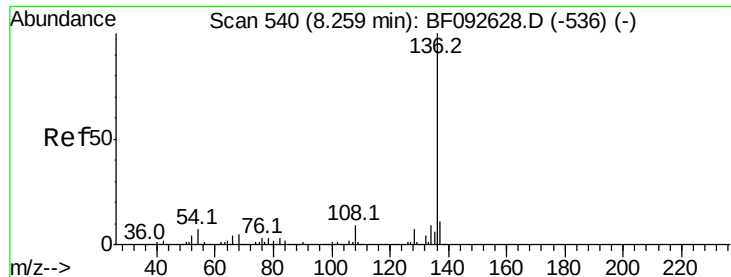
Tot Ion: 70 Resp: 428599
Ion Ratio Lower Upper
70 100
42 60.3 49.4 74.0
101 9.4 7.4 11.2
130 20.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.96 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion: 107 Resp: 569000
Ion Ratio Lower Upper
107 100
108 88.9 73.0 113.0
77 52.2 71.3 111.3#
79 28.7 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 879228

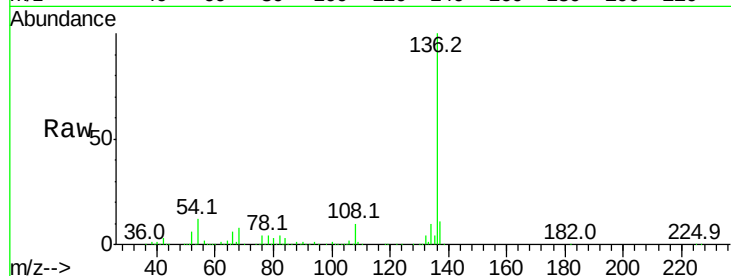
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.2 4.5 6.7#

68 8.4 3.6 5.4#

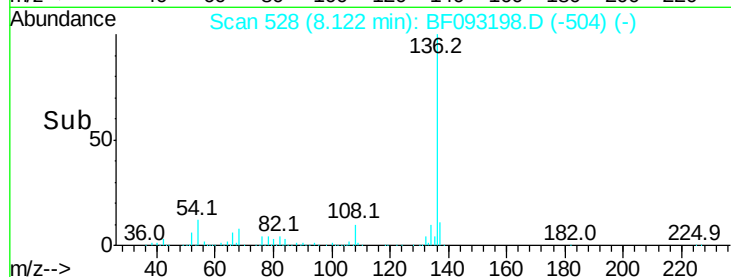


Abundance Ion 136.00 (135.70 to 136.70): E

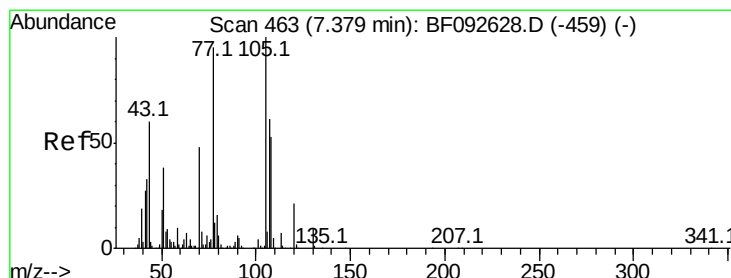
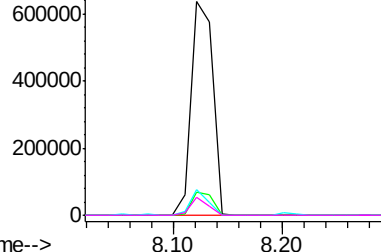
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.77 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:105 Resp: 778348

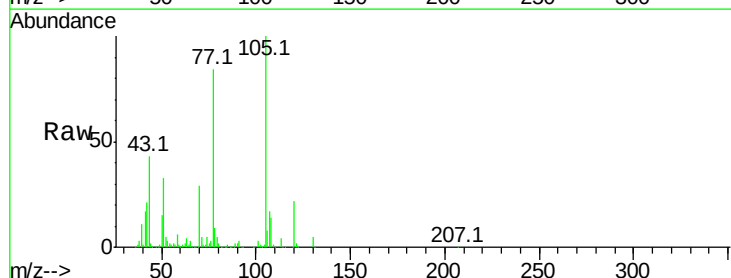
Ion Ratio Lower Upper

105 100

71 4.9 3.2 4.8#

51 33.3 26.2 39.4

120 21.8 16.6 24.8

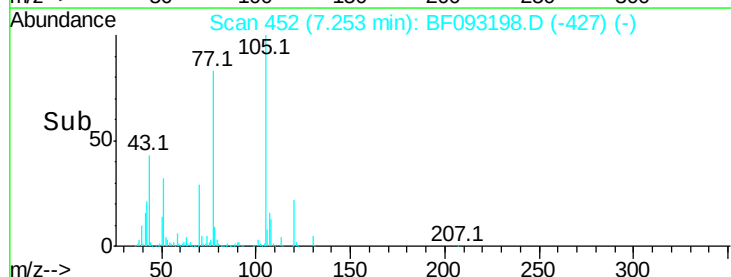


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

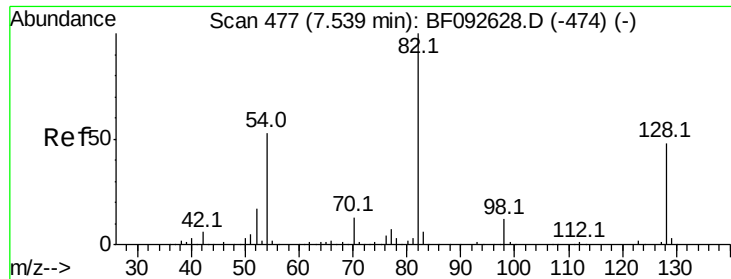
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



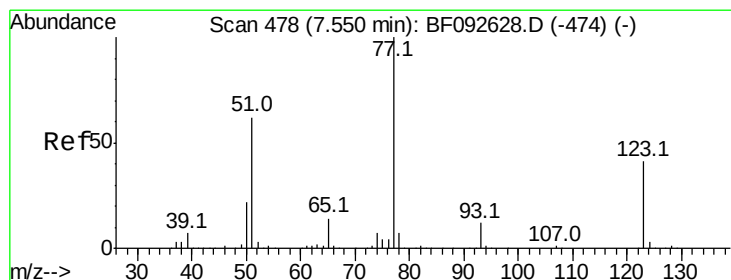
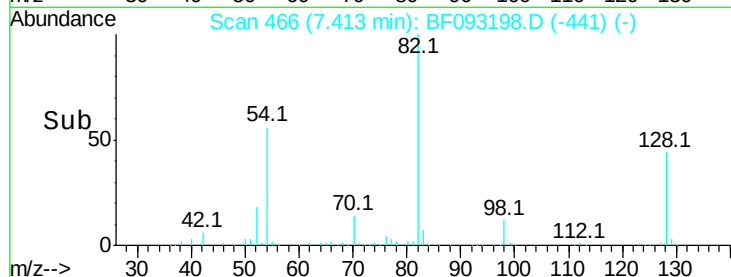
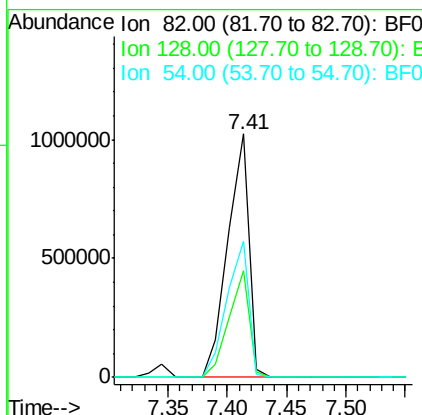
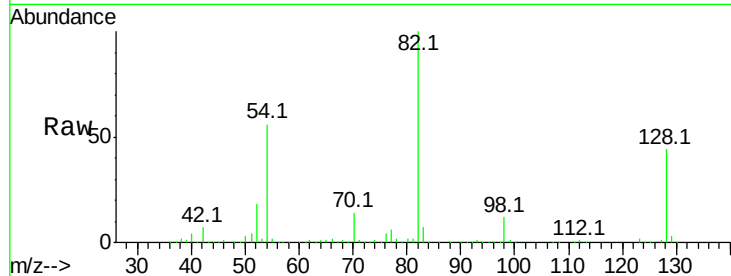


#23
 Nitrobenzene-d5
 Concen: 80.48 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1270627

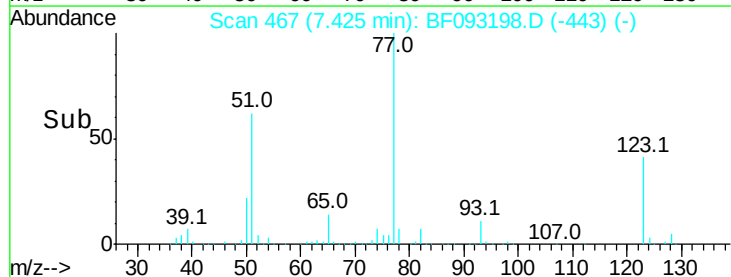
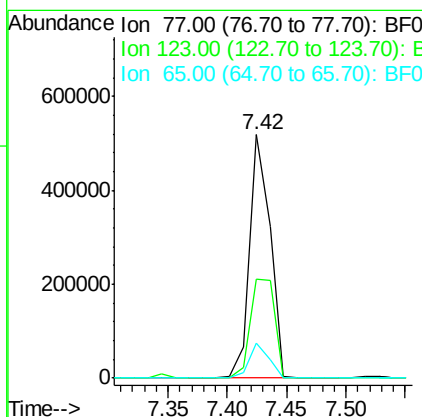
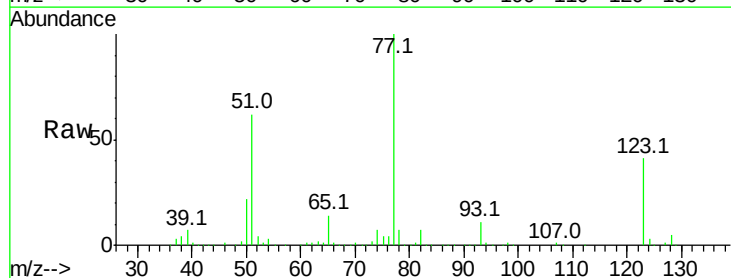
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	55.7	39.5	59.3

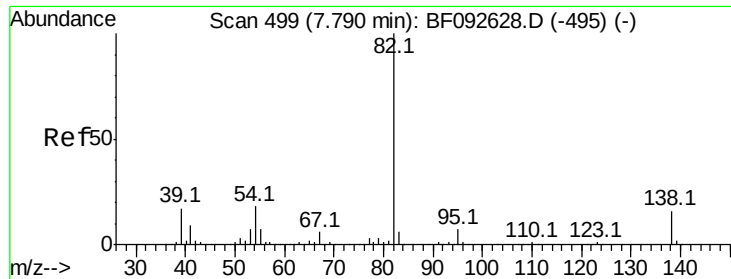


#24
 Nitrobenzene
 Concen: 38.67 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion: 77 Resp: 627002

Ion	Ratio	Lower	Upper
77	100		
123	40.5	33.0	49.4
65	14.5	11.2	16.8





#25

Isophorone

Concen: 41.95 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

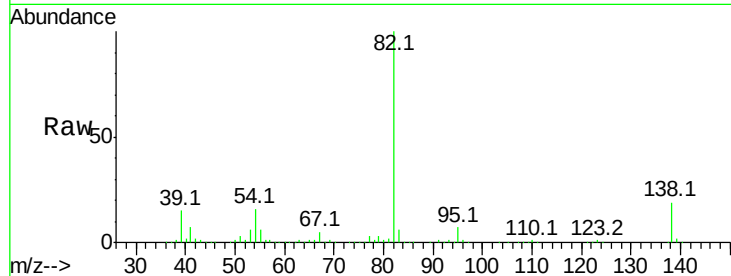
Tot Ion: 82 Resp: 1234067

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

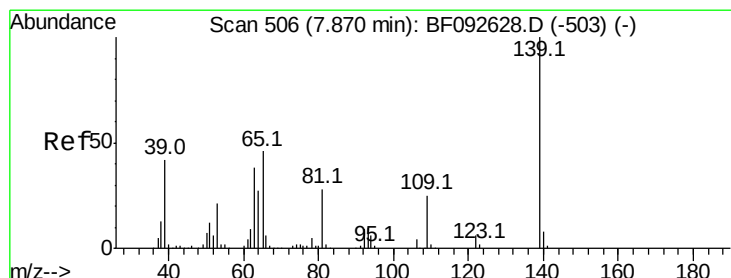
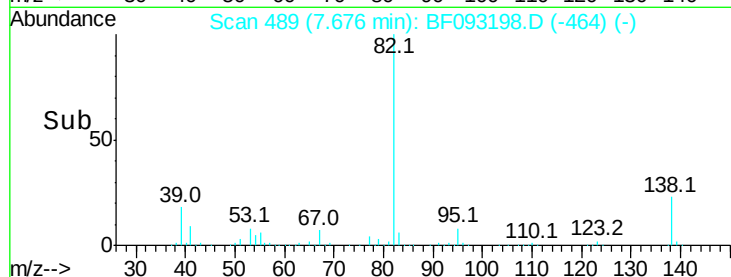
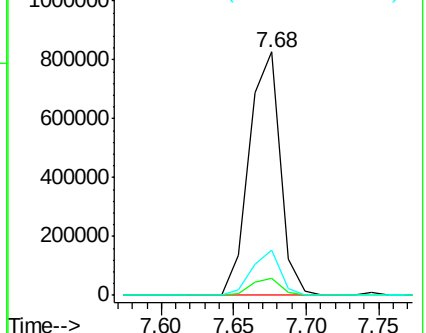
138 18.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.93 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

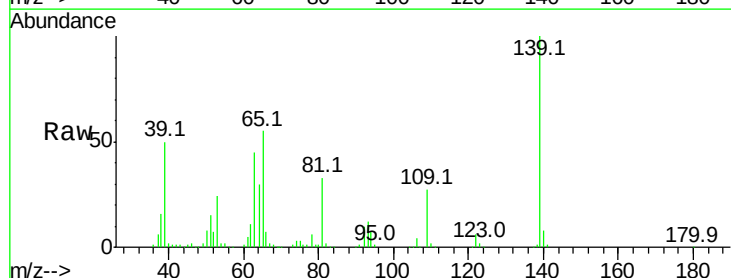
Tgt Ion: 139 Resp: 323146

Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

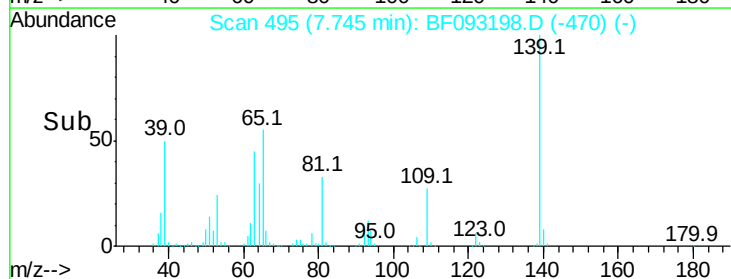
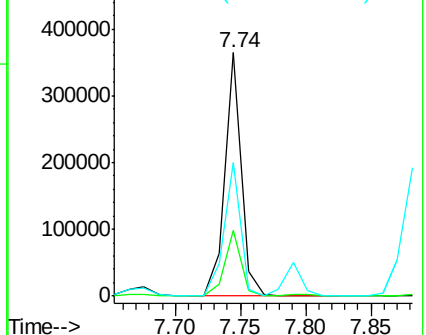
65 55.1 42.7 64.1

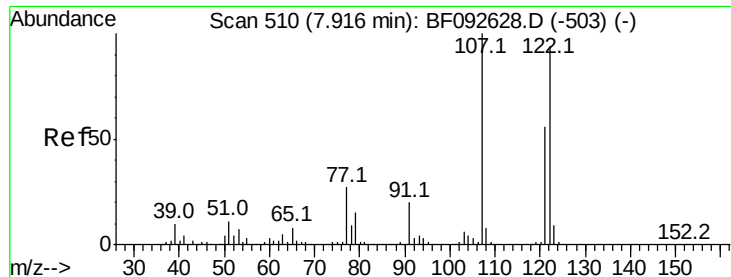


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.90 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

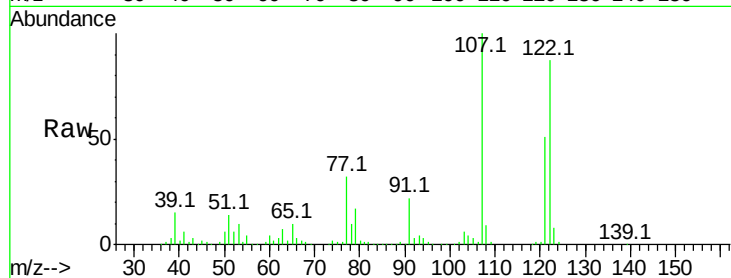
Tot Ion:122 Resp: 499389

Ion Ratio Lower Upper

122 100

107 114.6 94.1 141.1

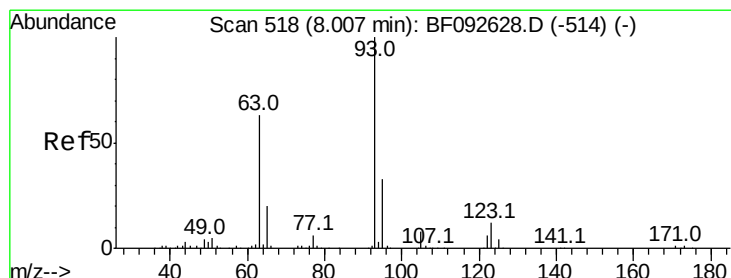
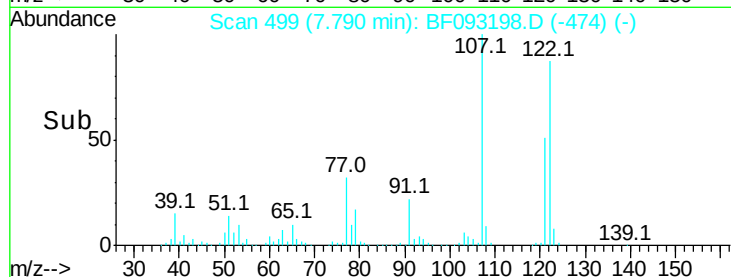
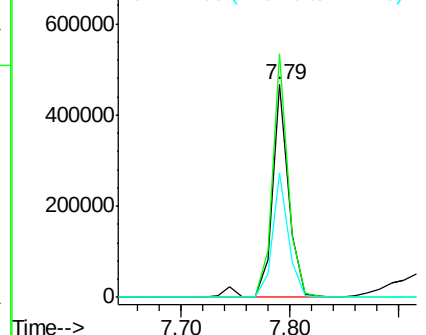
121 58.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.75 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

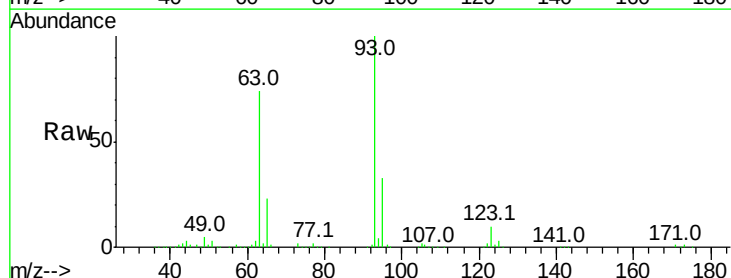
Tgt Ion: 93 Resp: 774462

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

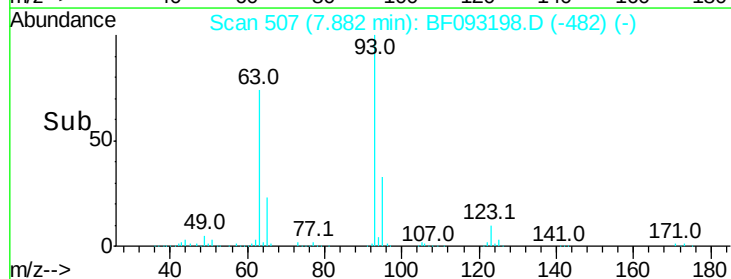
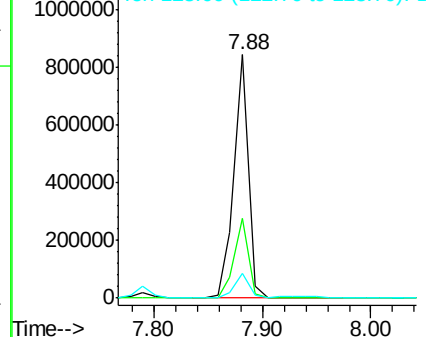
123 10.4 8.6 13.0

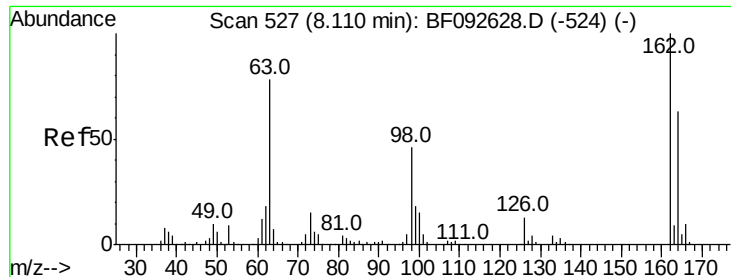


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

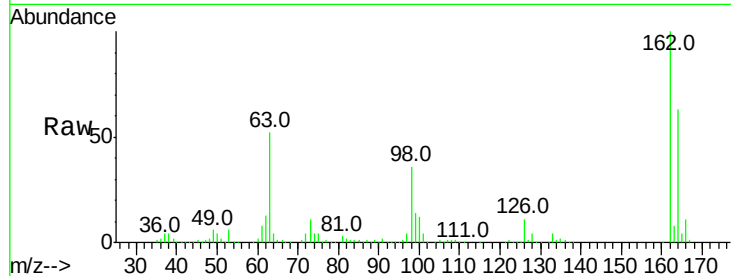




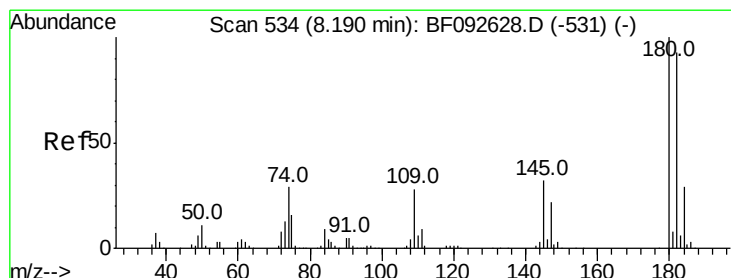
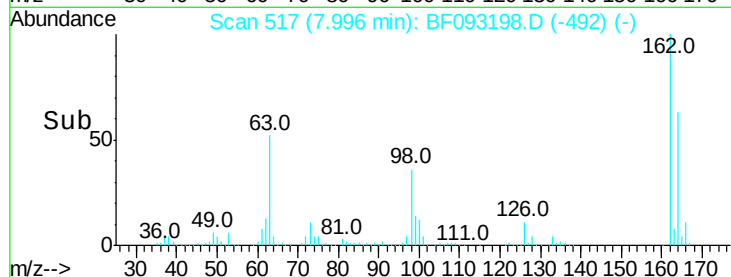
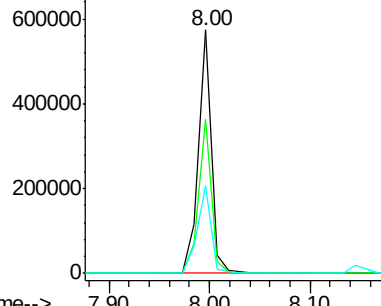
#29
 2,4-Dichlorophenol
 Concen: 40.73 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.8	86.8
98	35.7	9.1	49.1

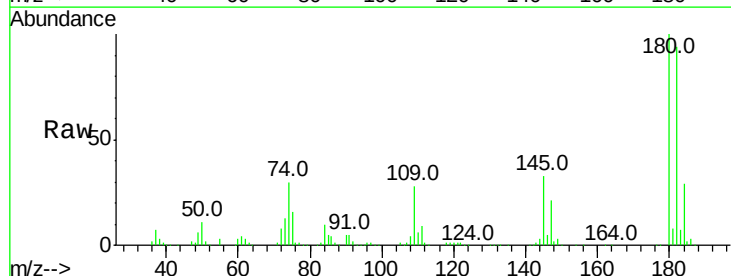


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

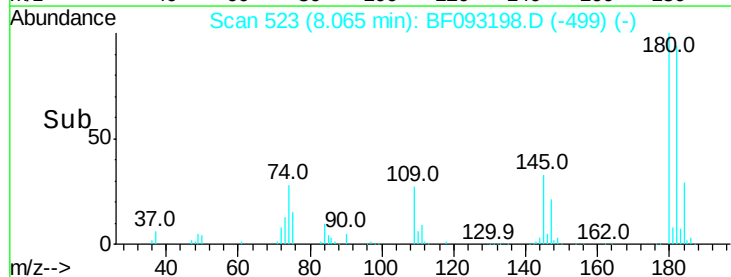
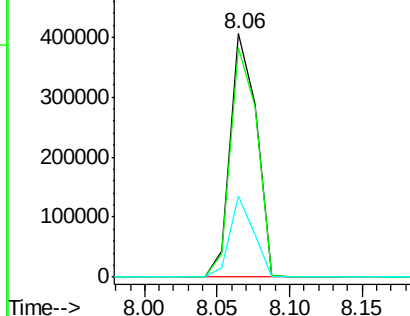


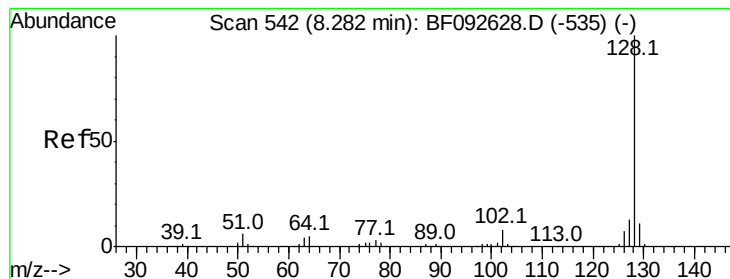
#30
 1,2,4-Trichlorobenzene
 Concen: 37.45 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.2	117.4
145	33.3	21.6	32.4



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





#31

Naphthalene

Concen: 36.62 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

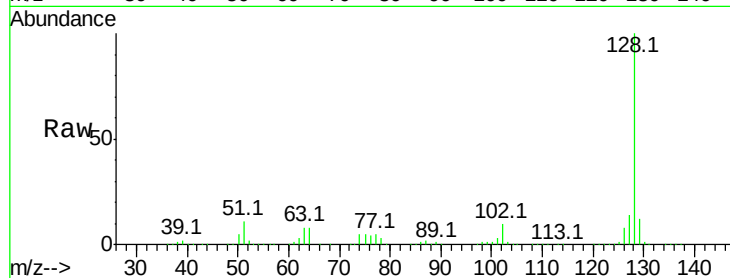
Tot Ion:128 Resp: 1632353

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

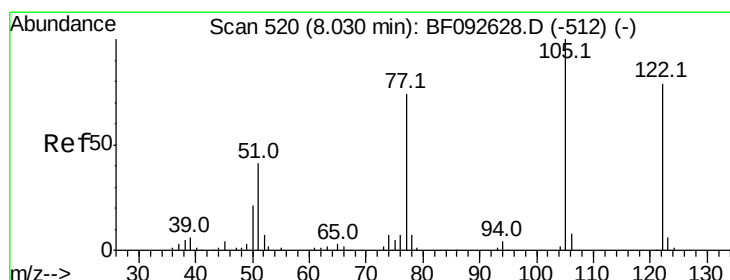
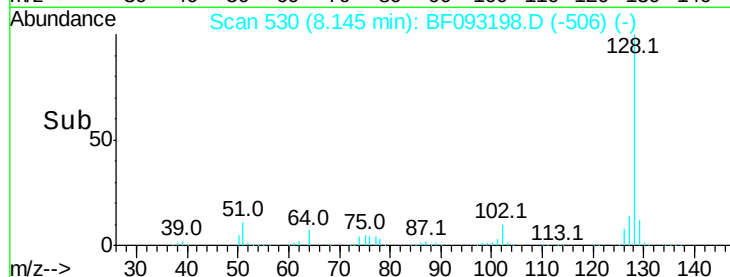
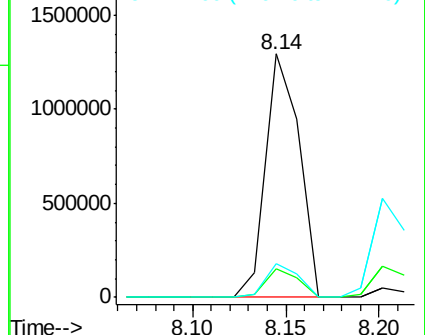
127 13.7 10.8 16.2



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: 37.23 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

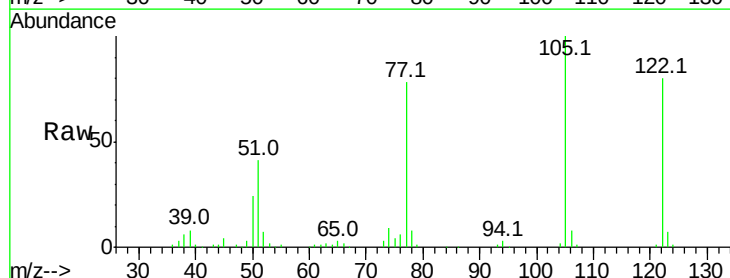
Tgt Ion:122 Resp: 270958

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

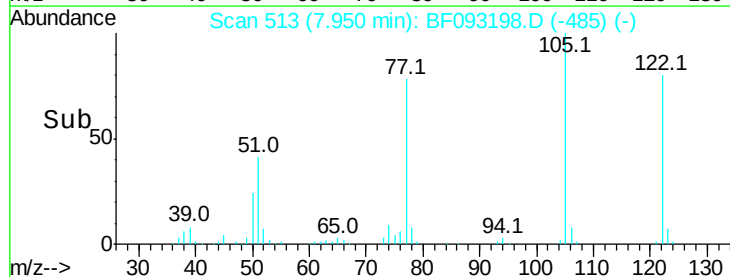
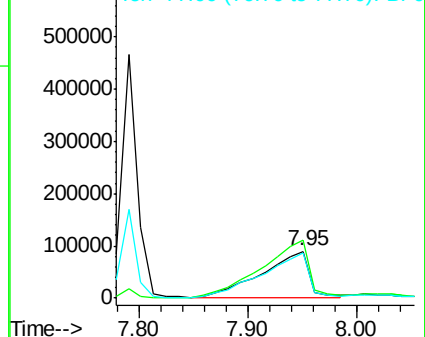
77 96.6 74.5 114.5

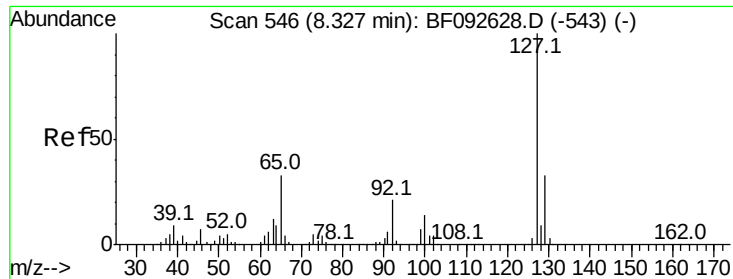


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

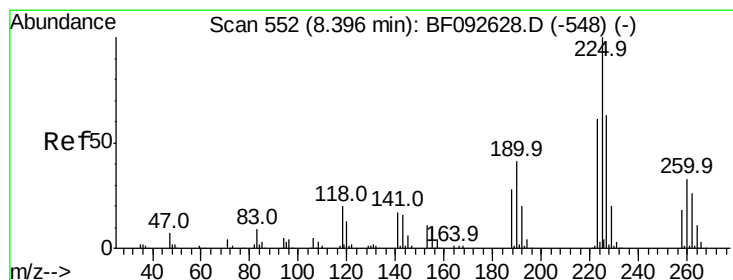
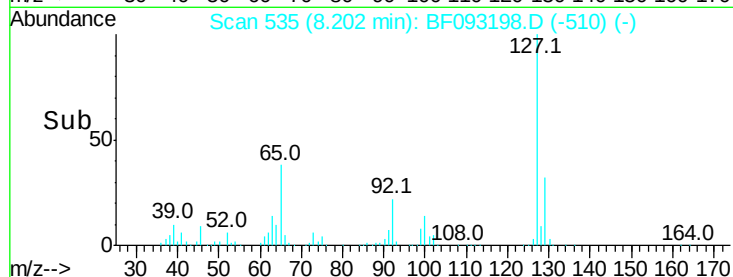
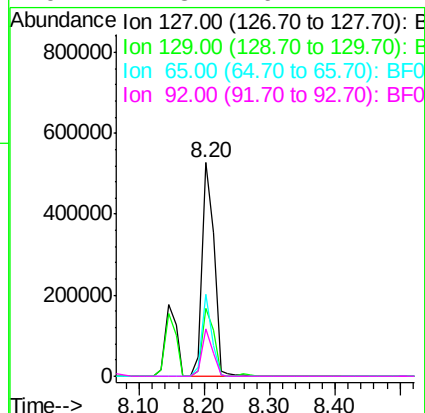
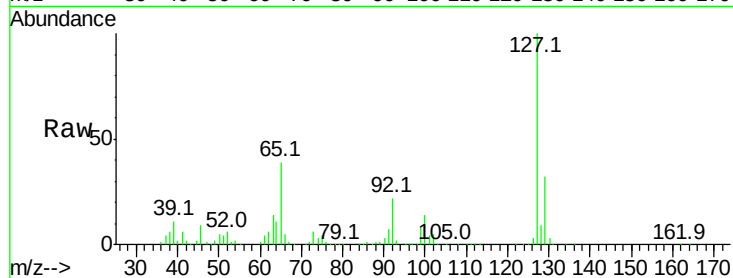




#33
 4-Chloroaniline
 Concen: 37.61 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

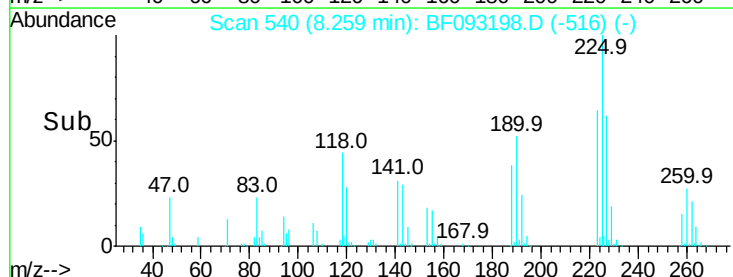
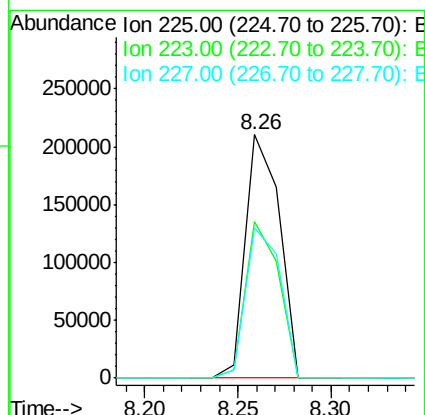
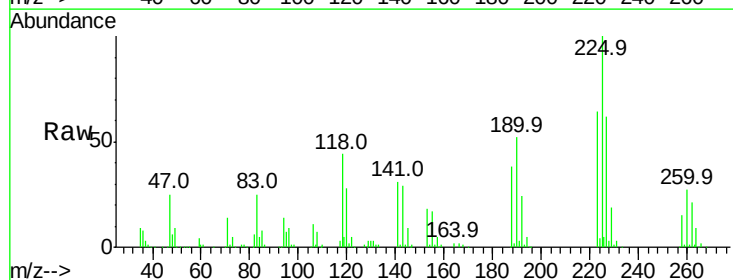
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

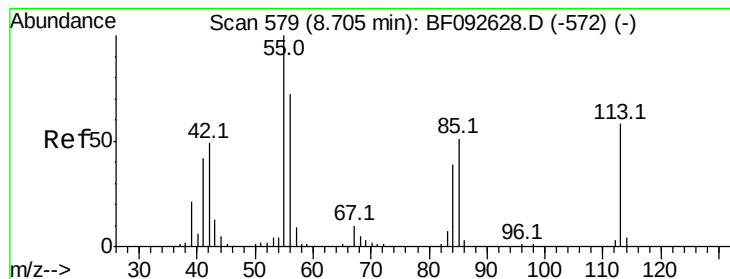
Tot Ion:	127	Resp:	657459
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	38.5	25.8	38.8
92	22.3	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 35.51 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:	225	Resp:	265725
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.6
227	61.7	50.6	76.0





#35

Caprolactam

Concen: 39.09 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

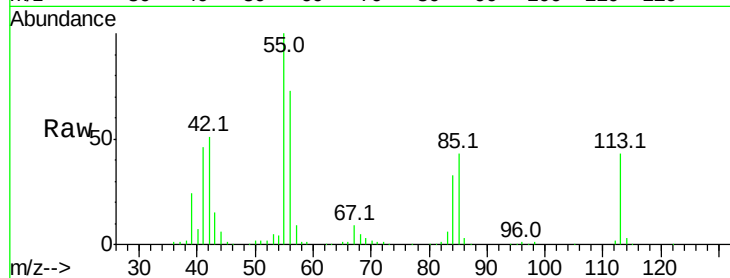
Tot Ion:113 Resp: 155201

Ion Ratio Lower Upper

113 100

55 233.9 119.2 159.2#

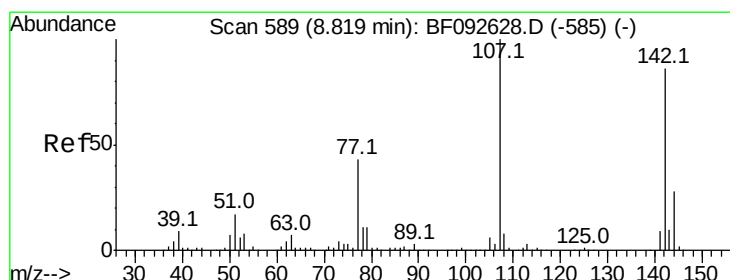
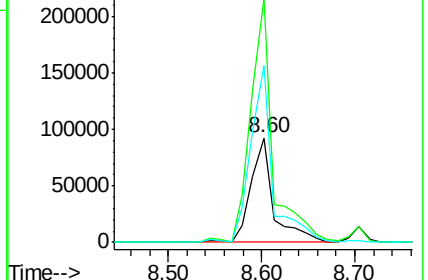
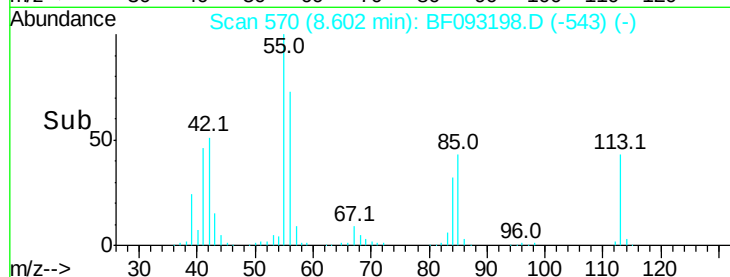
56 170.4 83.8 123.8#



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: 38.85 ng

RT: 8.70 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

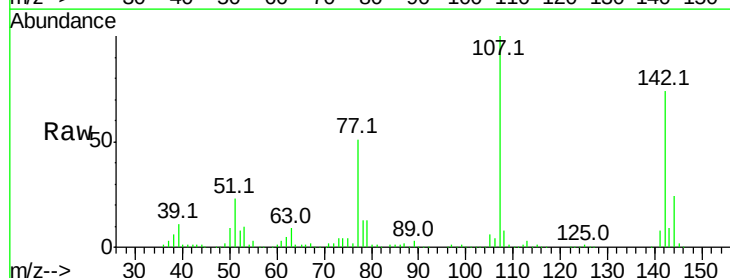
Tgt Ion:107 Resp: 511234

Ion Ratio Lower Upper

107 100

144 23.7 19.3 28.9

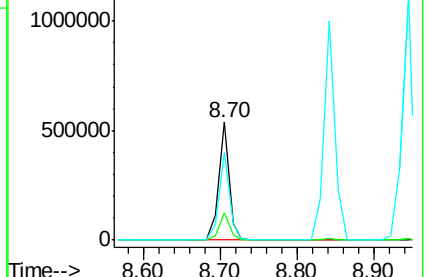
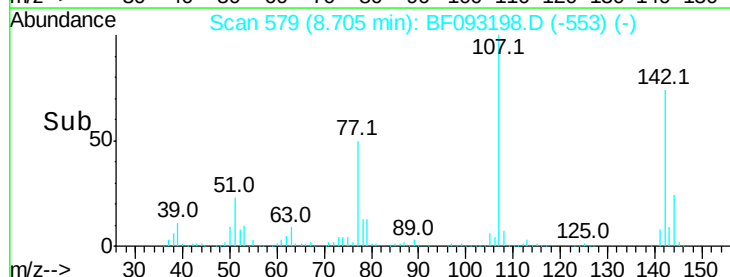
142 74.4 59.0 88.6

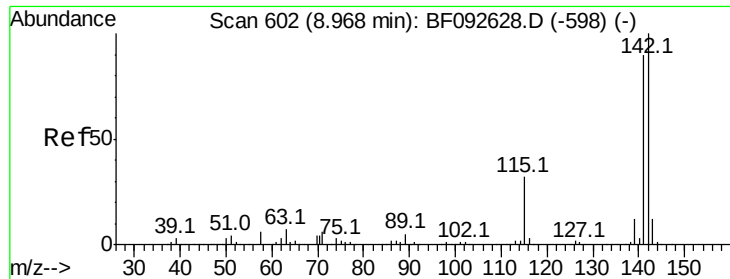


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

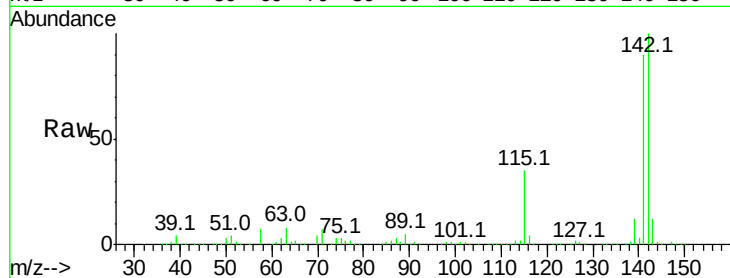




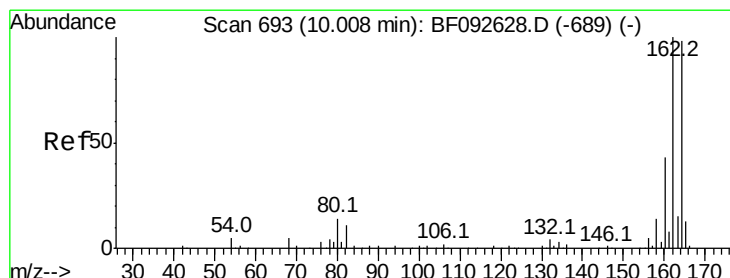
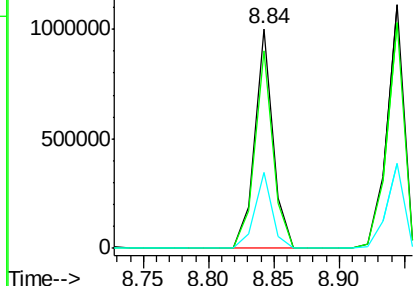
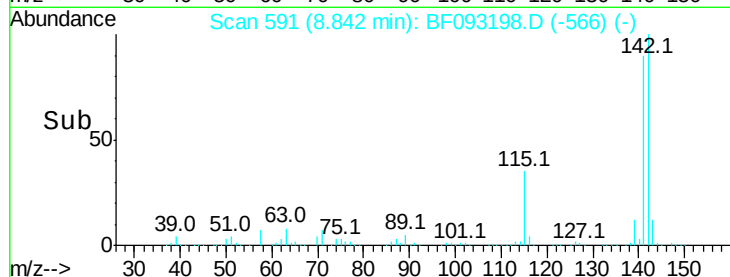
#37
2-Methylnaphthalene
Concen: 34.30 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 981445
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 34.8 28.3 42.5

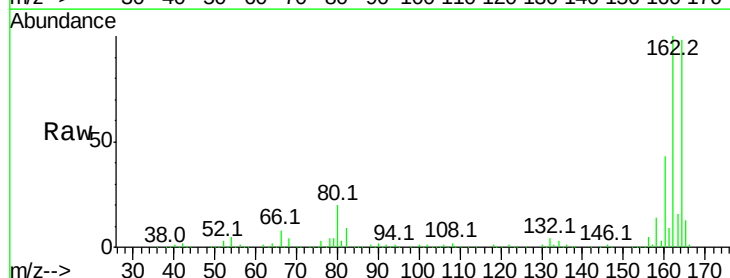


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

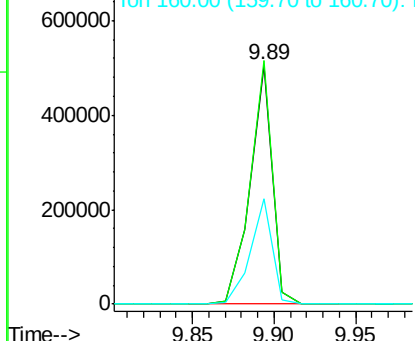
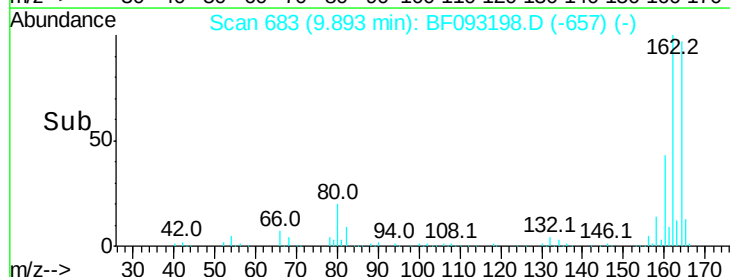


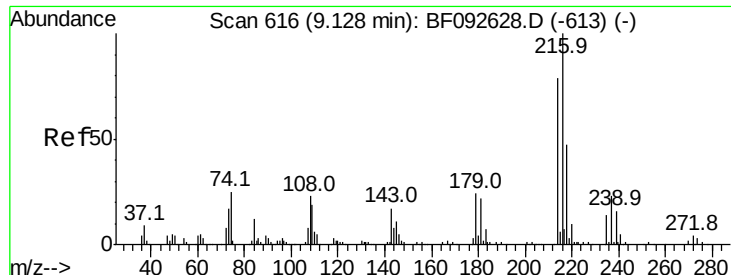
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:164 Resp: 475217
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 44.1 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

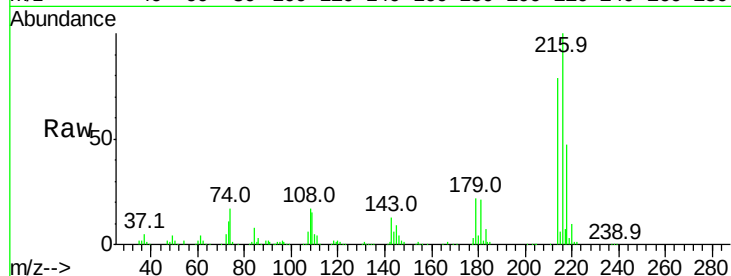




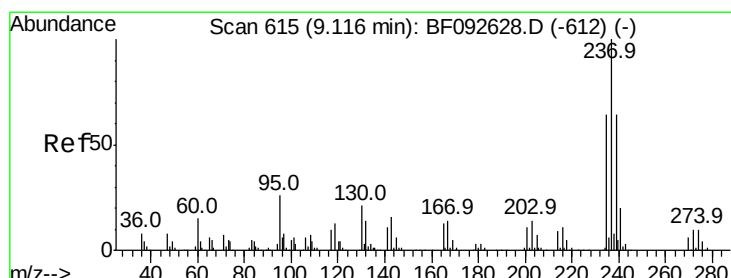
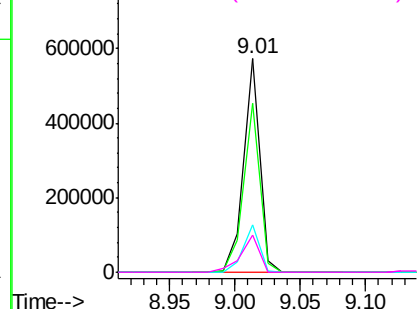
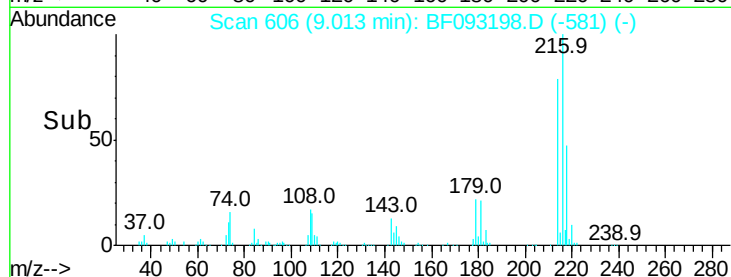
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.70 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216 Resp: 489571
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.4 95.0
 179 22.5 17.4 26.2
 108 20.6 15.6 23.4

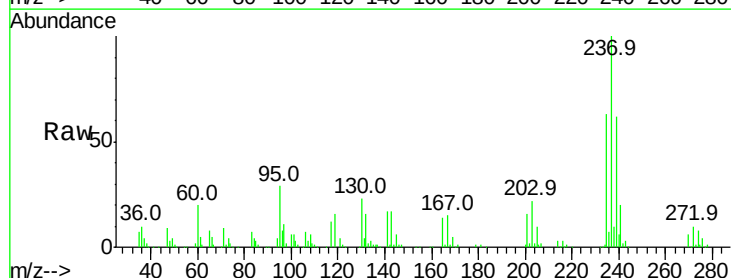


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

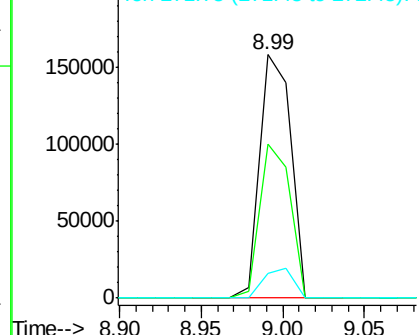
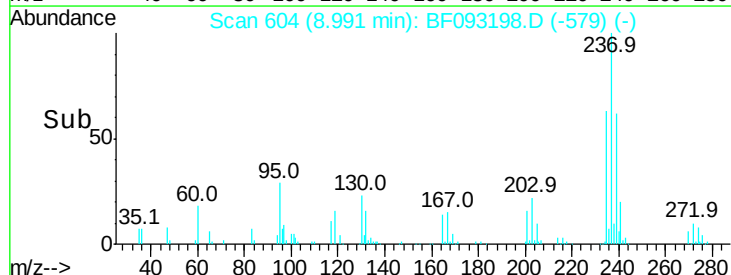


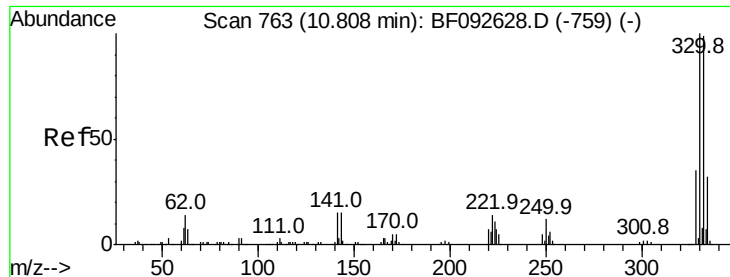
#40
 Hexachlorocyclopentadiene
 Concen: 34.94 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:237 Resp: 210268
 Ion Ratio Lower Upper
 237 100
 235 63.4 41.2 81.2
 272 10.3 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

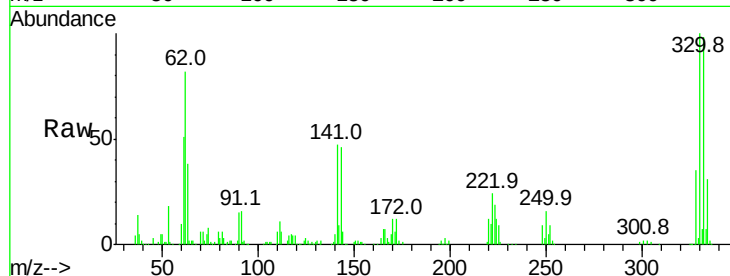




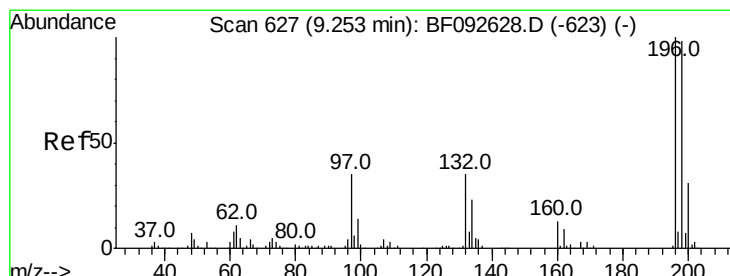
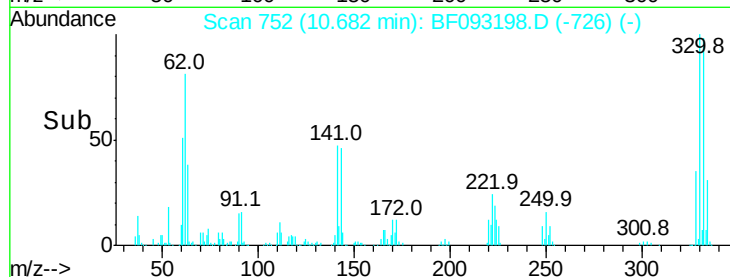
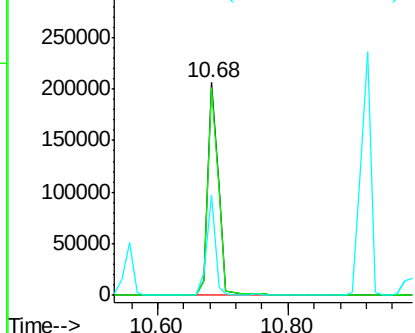
#41
 2,4,6-Tribromophenol
 Concen: 68.45 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	38.3	34.1	51.1

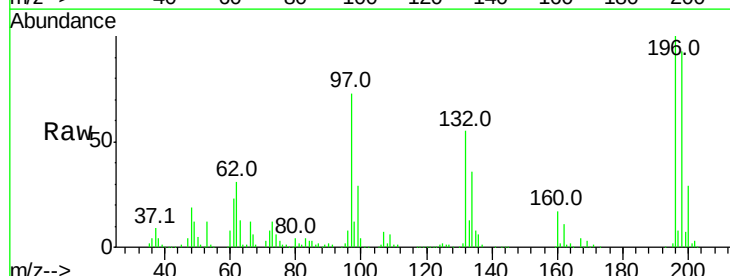


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

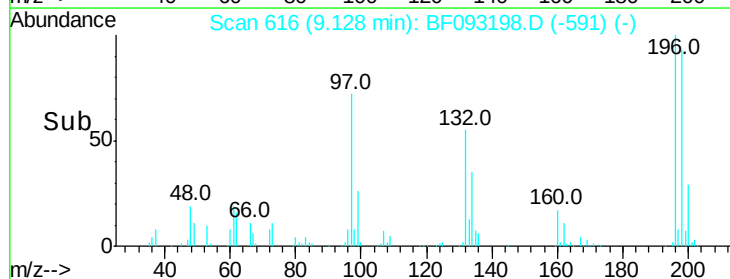
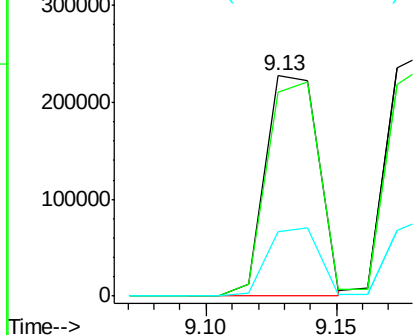


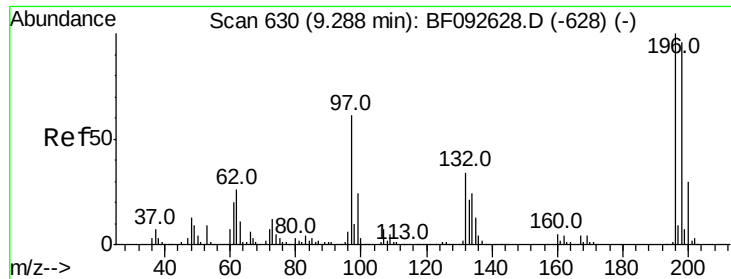
#42
 2,4,6-Trichlorophenol
 Concen: 36.69 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	82.1	123.1
200	29.0	27.0	40.4



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

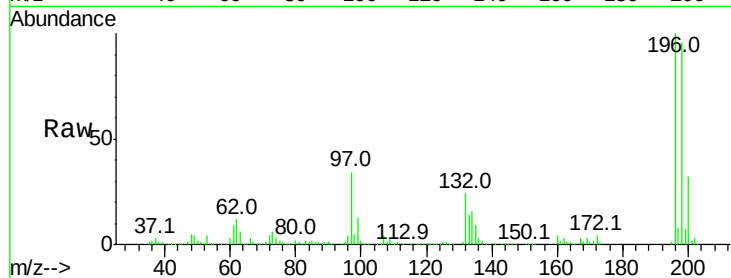




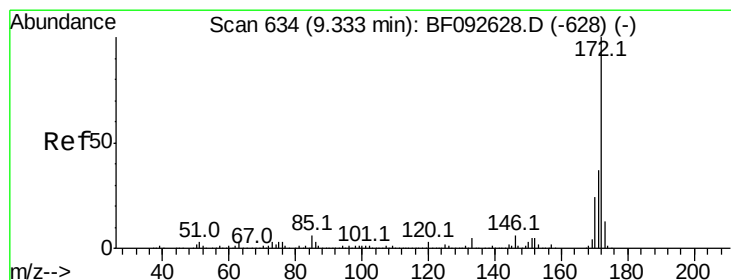
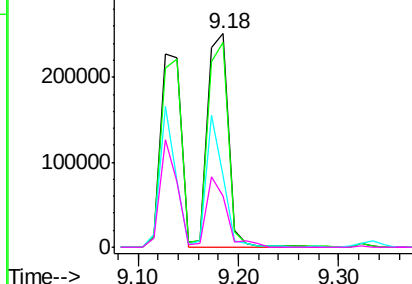
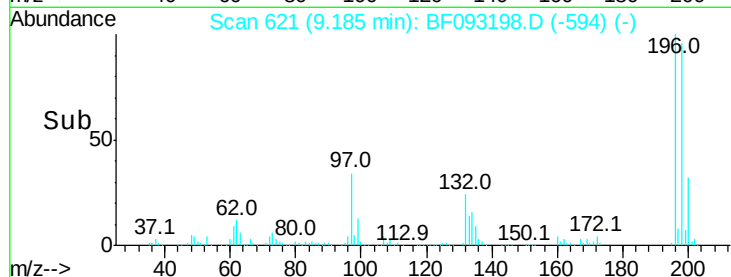
#43
 2,4,5-Trichlorophenol
 Concen: 37.31 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 358308
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.4 119.2
 97 33.8 51.5 77.3#
 132 24.2 27.4 41.2#

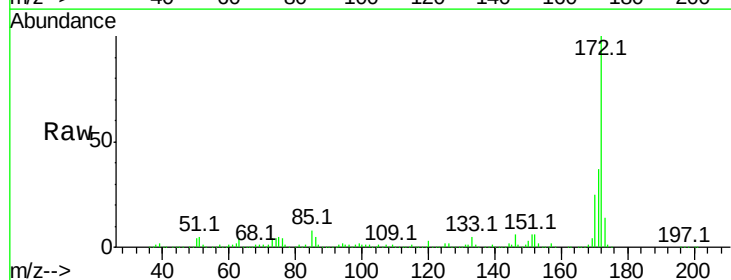


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

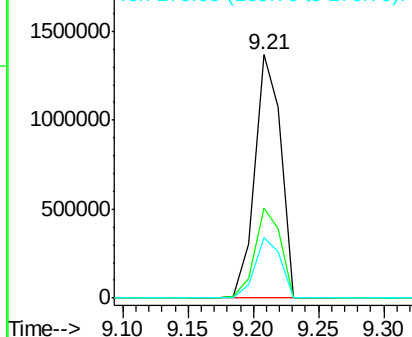
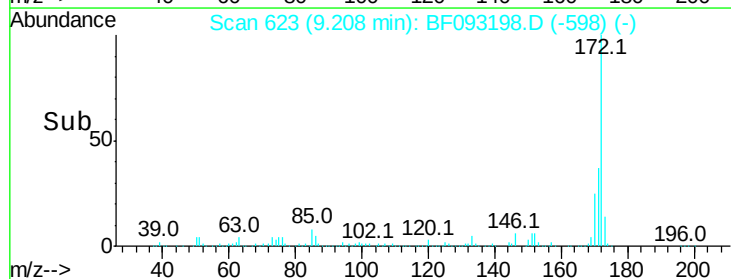


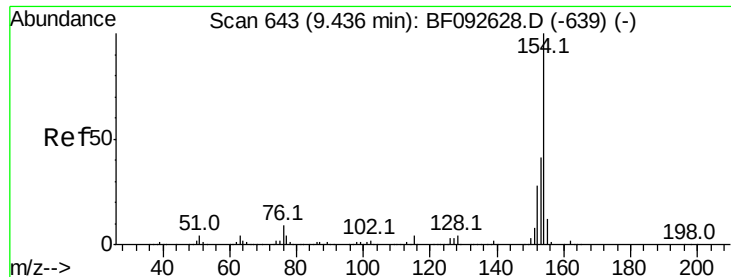
#44
 2-Fluorobiphenyl
 Concen: 72.38 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:172 Resp: 1898578
 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



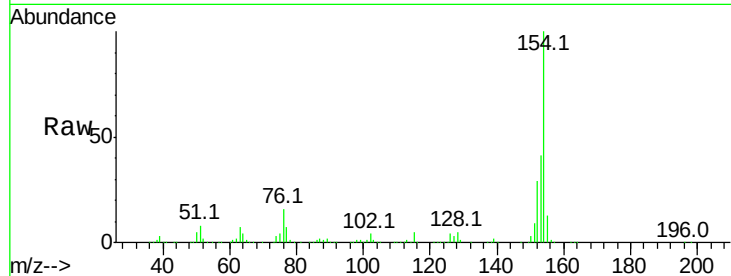


#45
 1,1'-Biphenyl
 Concen: 34.62 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

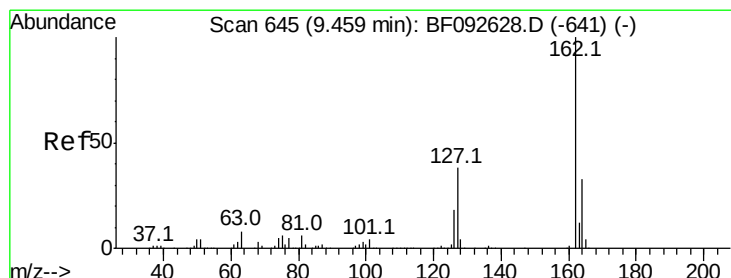
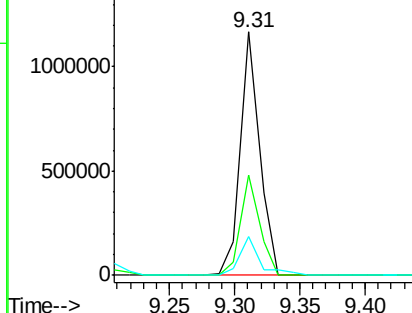
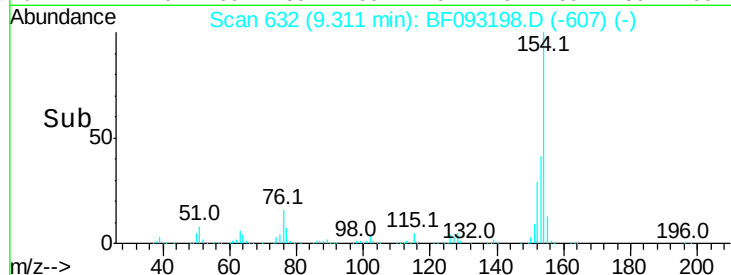
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1191377

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	15.8	0.0	30.5



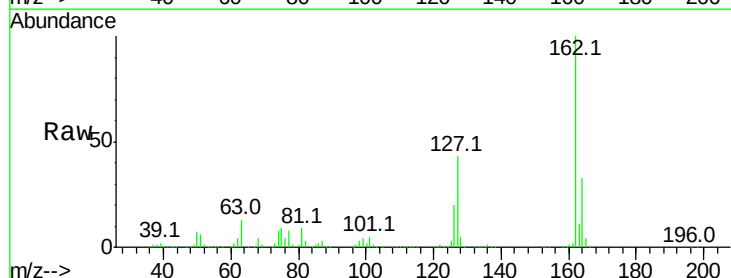
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



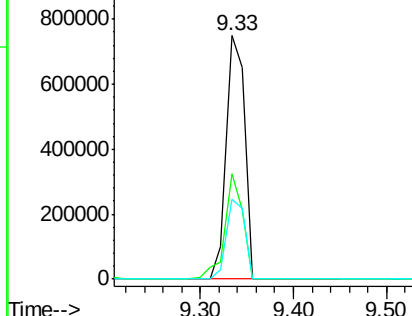
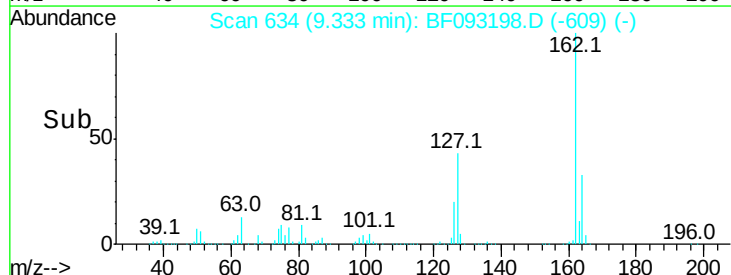
#46
 2-Chloronaphthalene
 Concen: 38.45 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

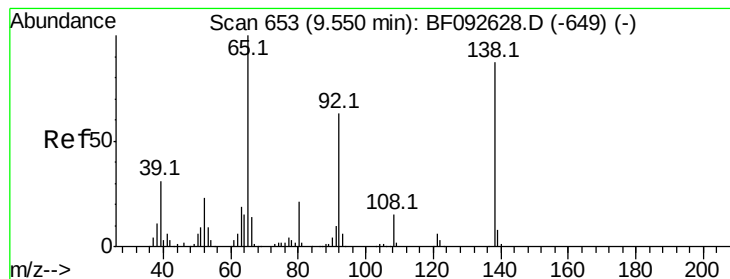
Tgt Ion:162 Resp: 1035135

Ion	Ratio	Lower	Upper
162	100		
127	43.1	30.7	46.1
164	32.8	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: 44.14 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

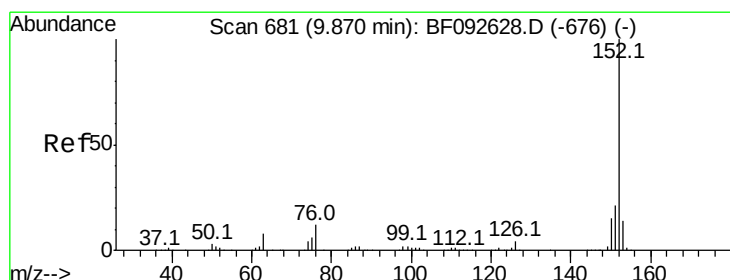
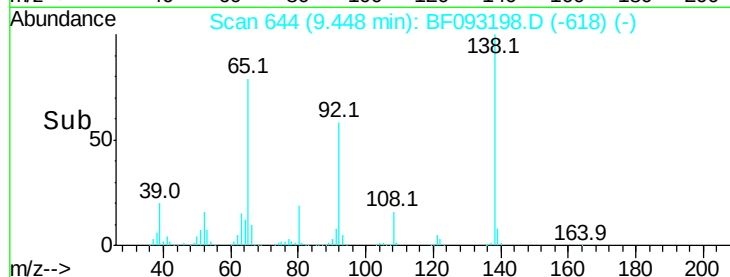
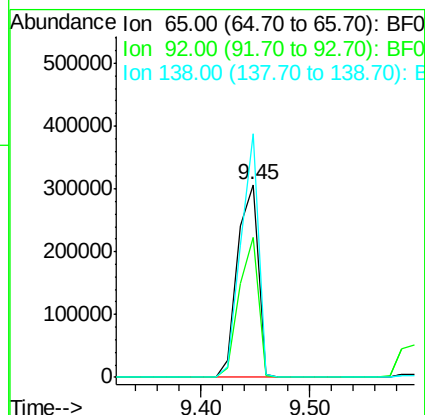
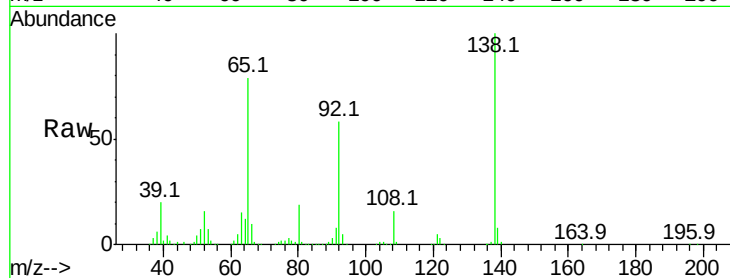
Tot Ion: 65 Resp: 399469

Ion Ratio Lower Upper

65 100

92 72.7 53.9 80.9

138 126.3 76.8 115.2#



#48

Acenaphthylene

Concen: 36.06 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

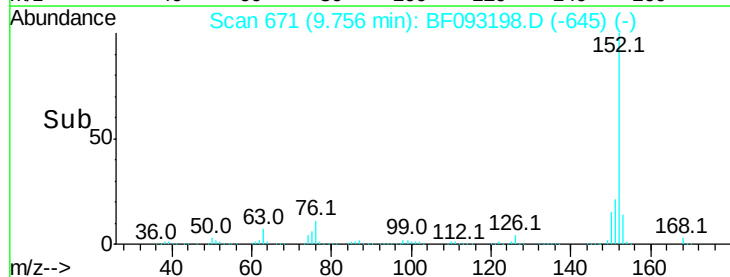
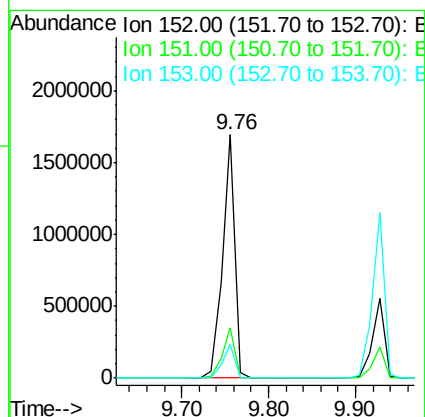
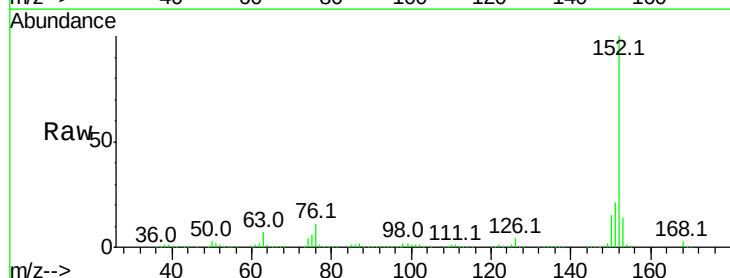
Tgt Ion: 152 Resp: 1676940

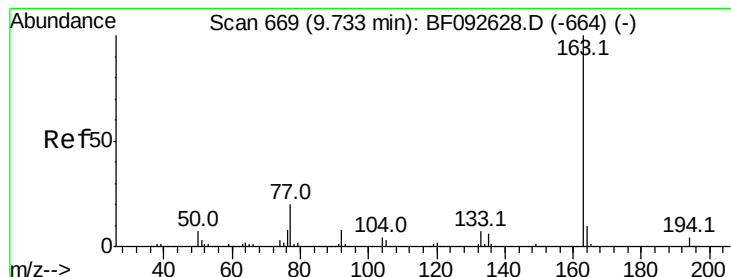
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 37.44 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

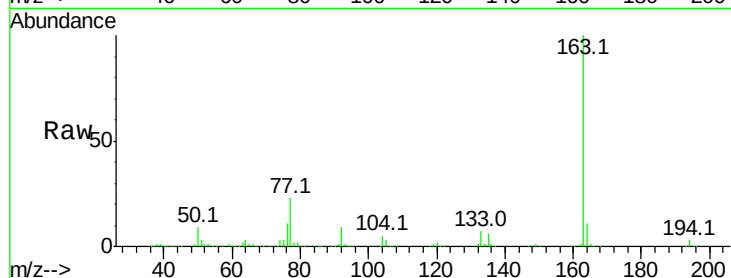
Tot Ion:163 Resp: 1198507

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

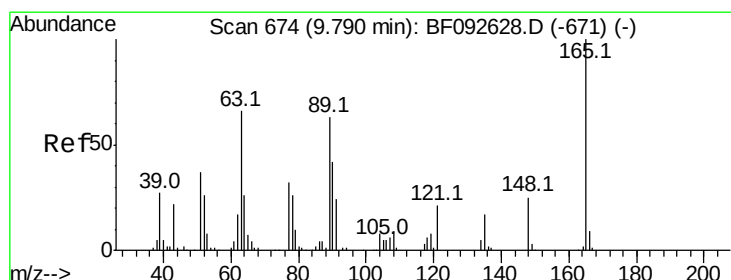
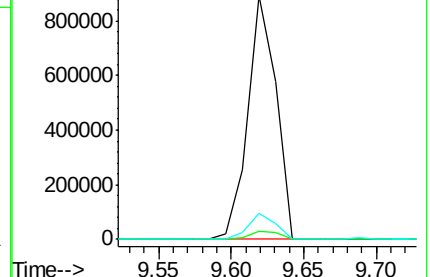
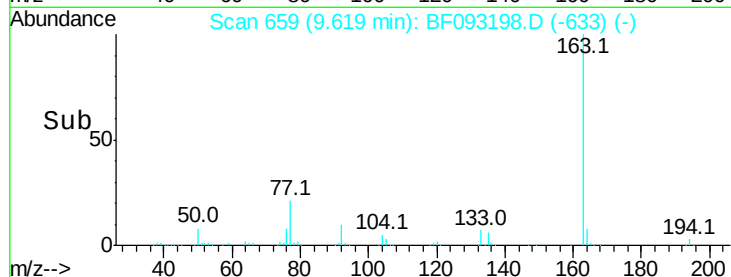
164 10.8 8.0 12.0



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: 37.71 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

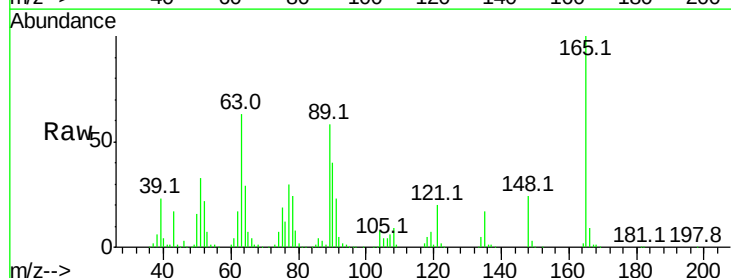
Tgt Ion:165 Resp: 260663

Ion Ratio Lower Upper

165 100

63 63.3 36.2 54.4#

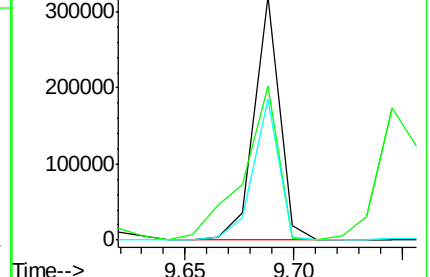
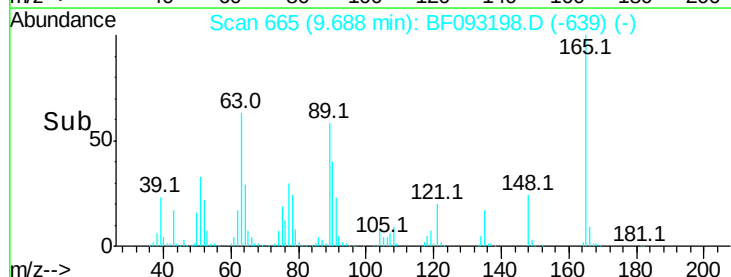
89 58.1 40.2 60.4

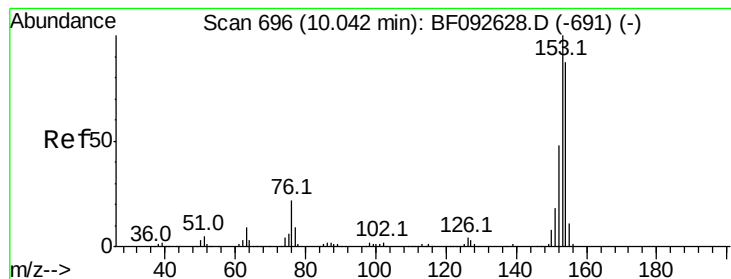


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.07 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

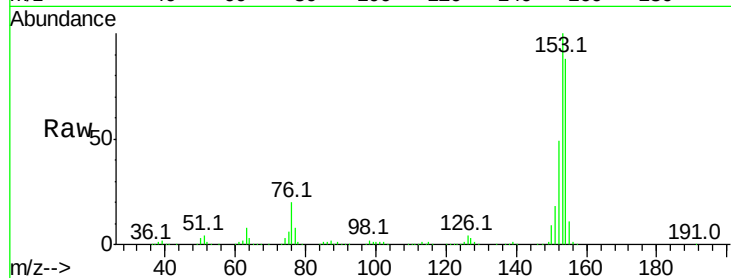
Tot Ion:154 Resp: 947338

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

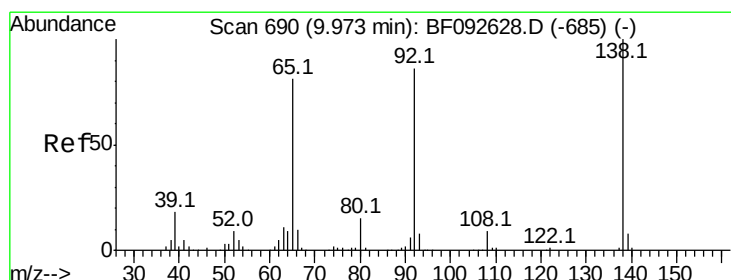
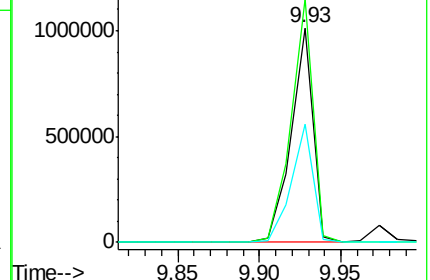
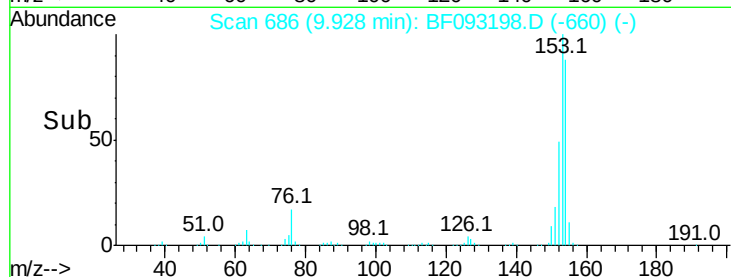
152 55.2 41.6 62.4



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: 38.31 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

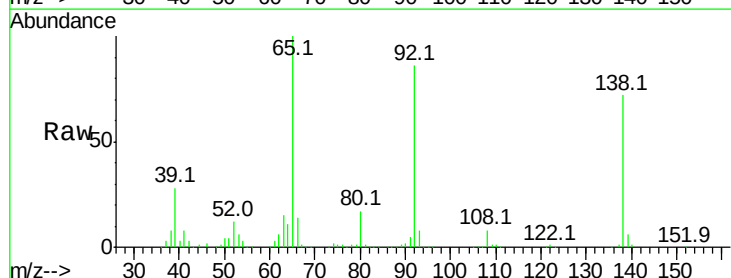
Tgt Ion:138 Resp: 303036

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

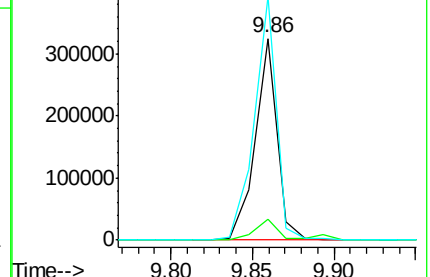
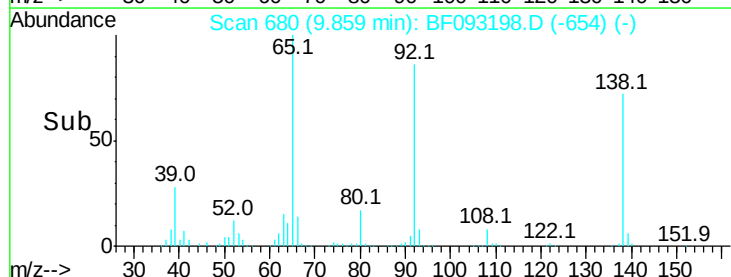
92 120.5 97.8 146.8

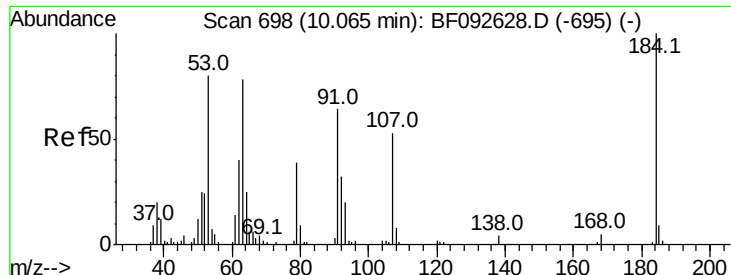


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

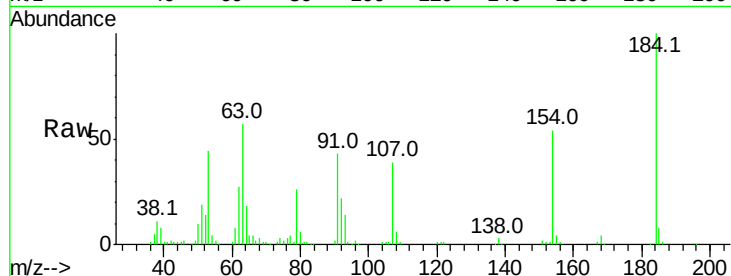




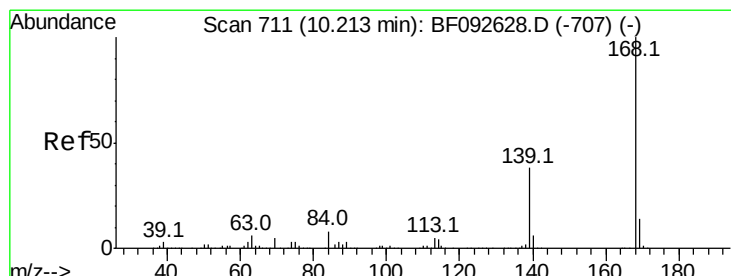
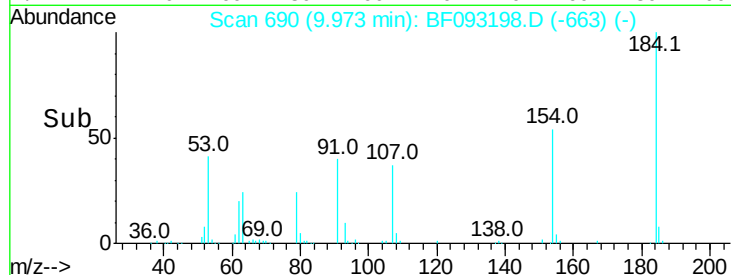
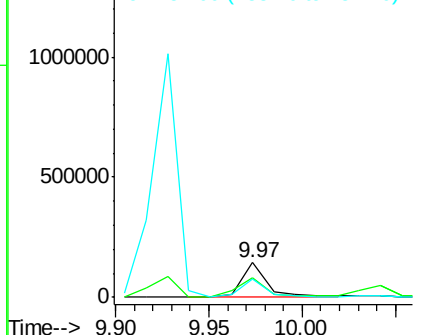
#53
 2,4-Dinitrophenol
 Concen: 42.33 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 140511
 Ion Ratio Lower Upper
 184 100
 63 56.7 28.4 42.6#
 154 54.3 44.3 66.5

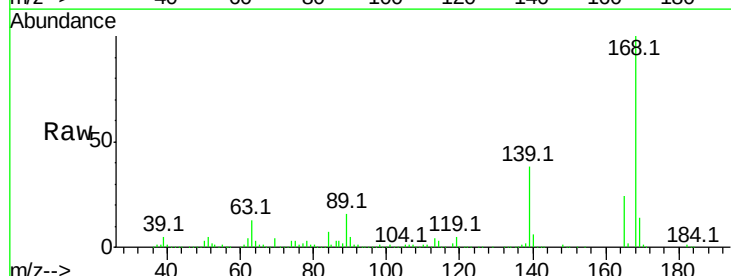


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

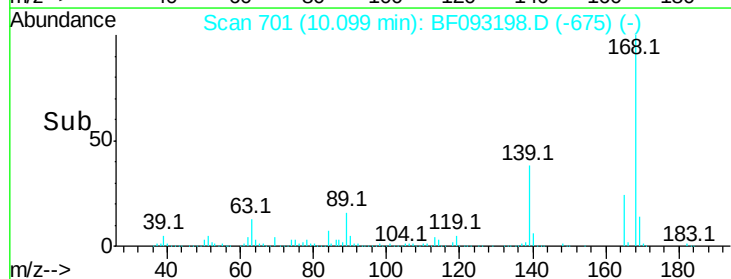
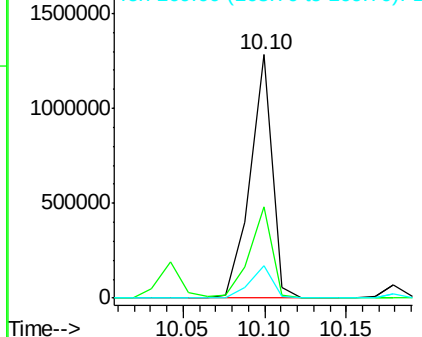


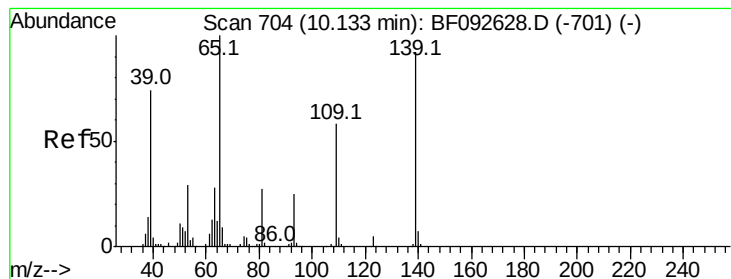
#54
 Dibenzofuran
 Concen: 32.44 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:168 Resp: 1206463
 Ion Ratio Lower Upper
 168 100
 139 37.6 32.6 49.0
 169 13.5 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: 33.87 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.02 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

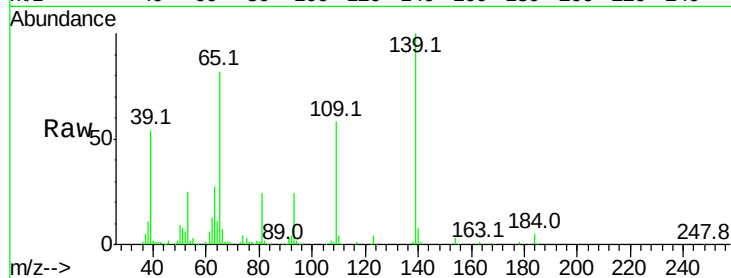
Tot Ion:139 Resp: 192957

Ion Ratio Lower Upper

139 100

109 57.9 52.2 92.2

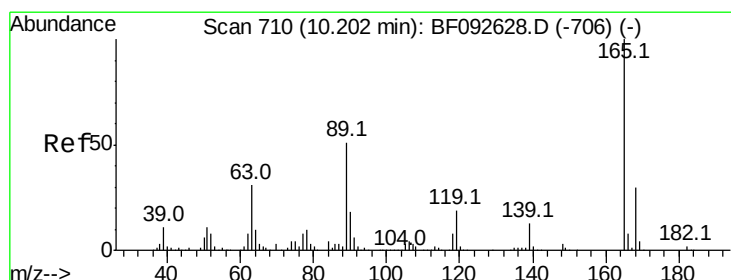
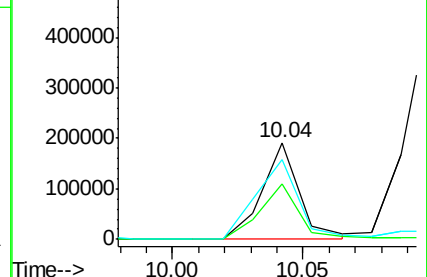
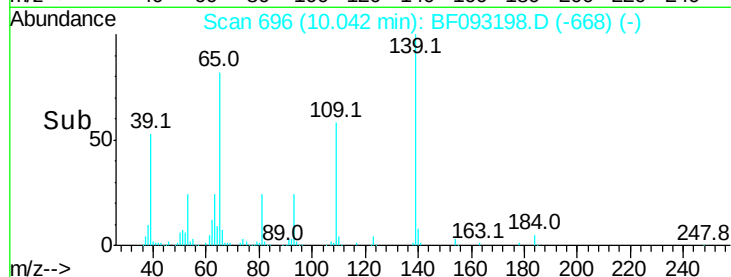
65 82.5 85.8 125.8#



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: 37.18 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:165 Resp: 342134

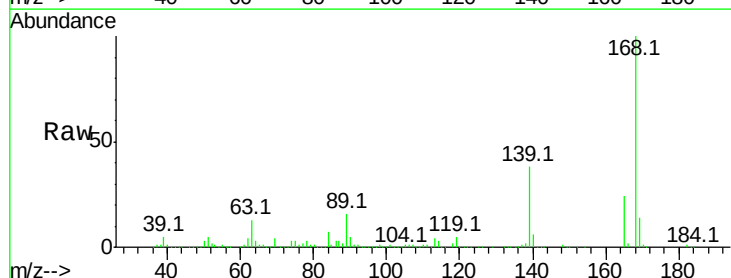
Ion Ratio Lower Upper

165 100

63 53.1 40.2 60.4

89 66.6 62.5 93.7

182 2.5 1.8 2.8

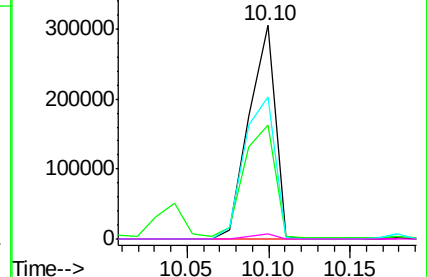
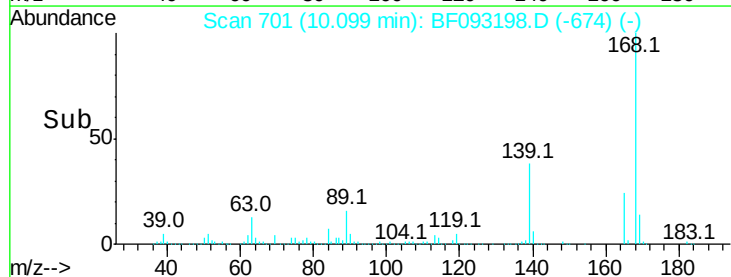


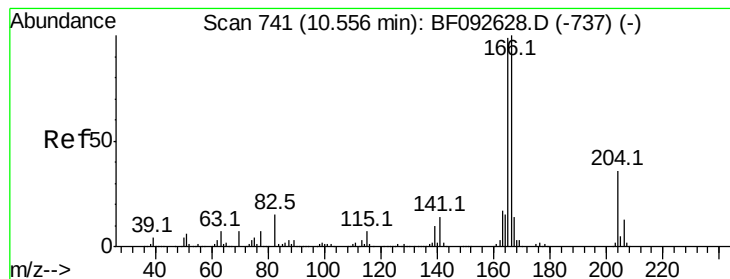
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.49 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

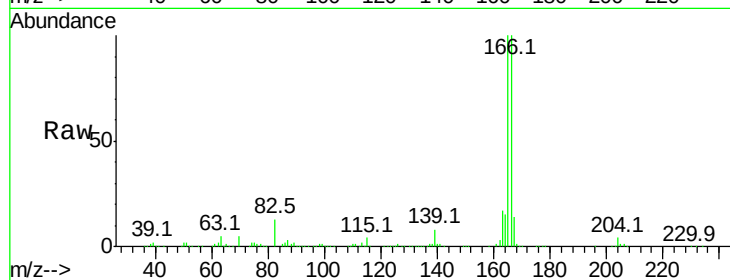
Tot Ion:166 Resp: 1072497

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

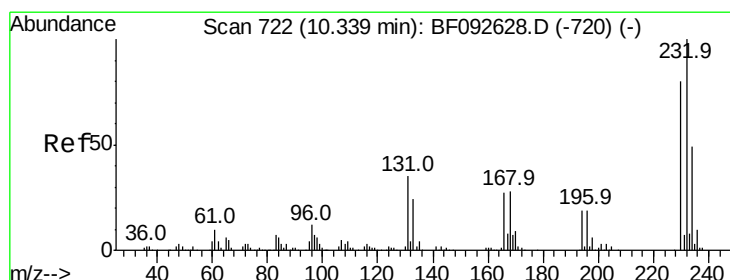
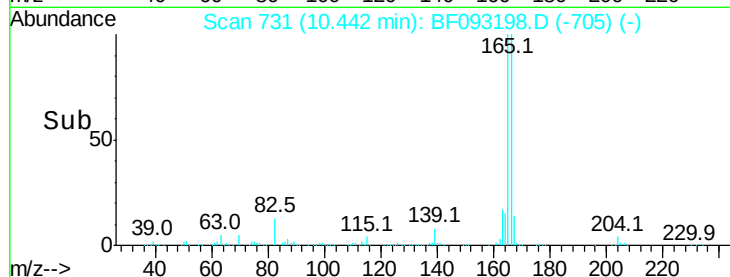
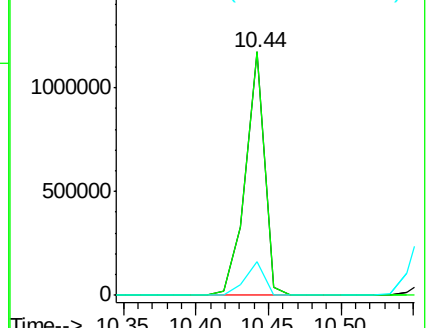
167 13.7 10.8 16.2



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: 41.11 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion:232 Resp: 263365

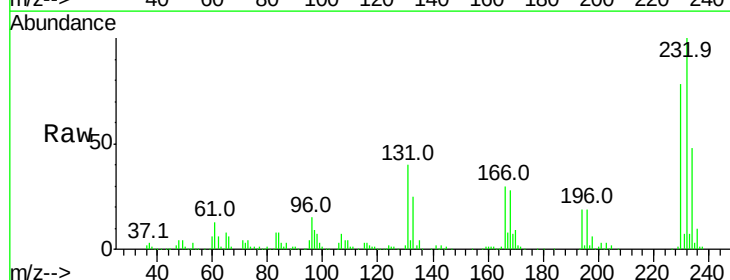
Ion Ratio Lower Upper

232 100

131 44.9 40.1 60.1

130 2.1 1.8 2.8

166 29.9 26.6 39.8

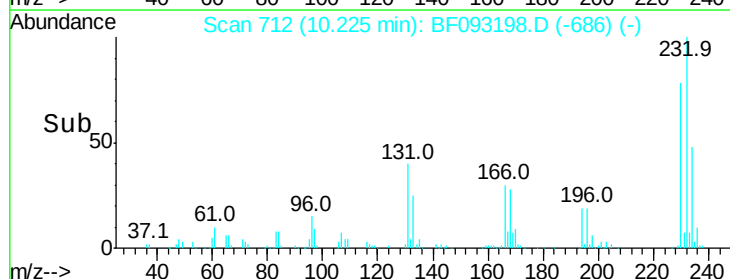
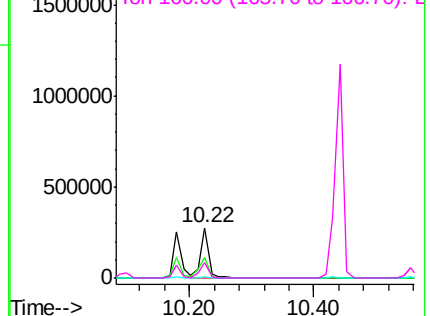


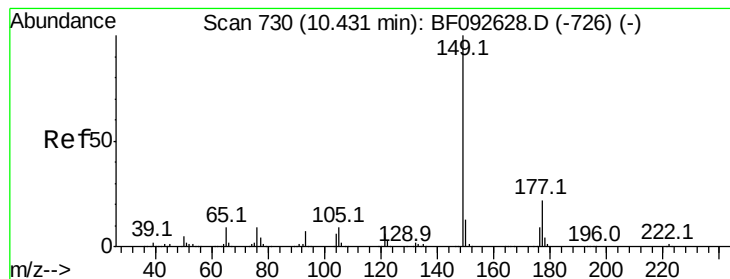
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.35 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

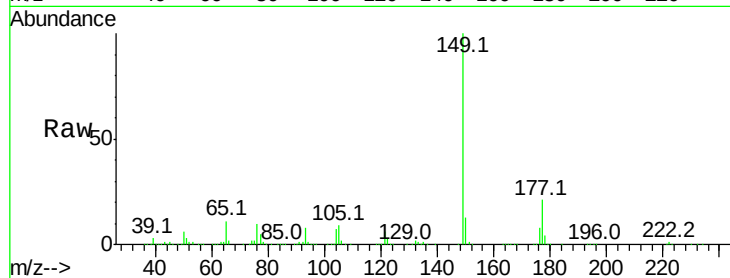
Tot Ion:149 Resp: 1036188

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

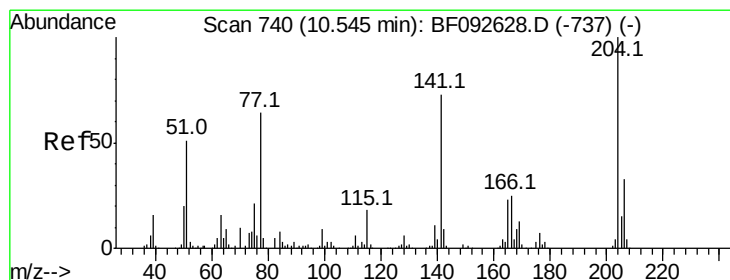
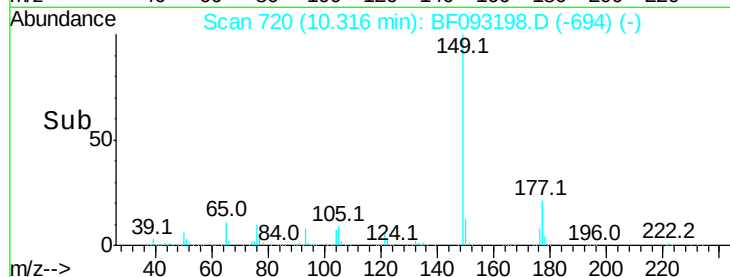
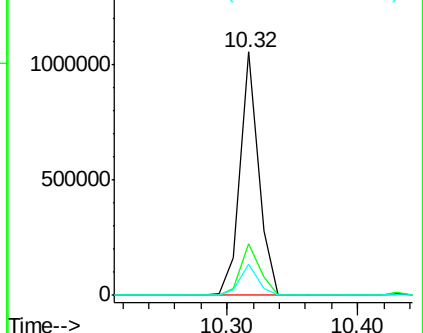
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.25 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

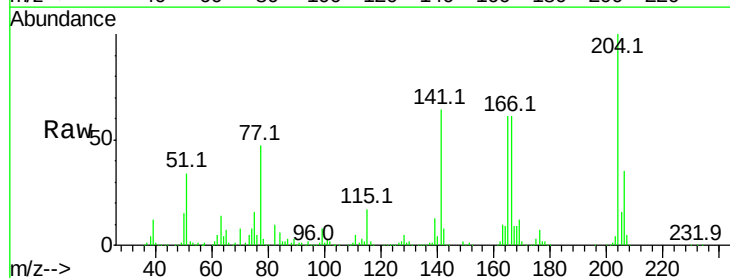
Tgt Ion:204 Resp: 443316

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

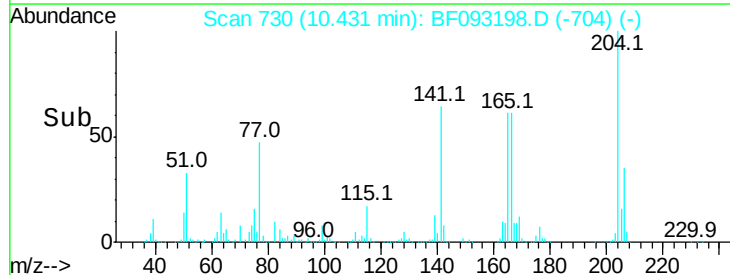
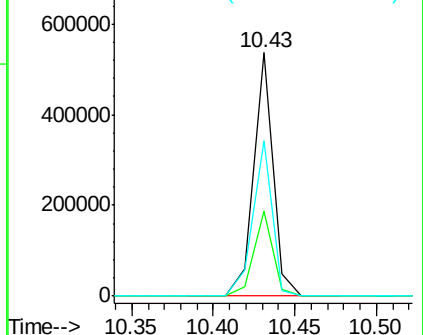
141 63.9 59.4 89.0

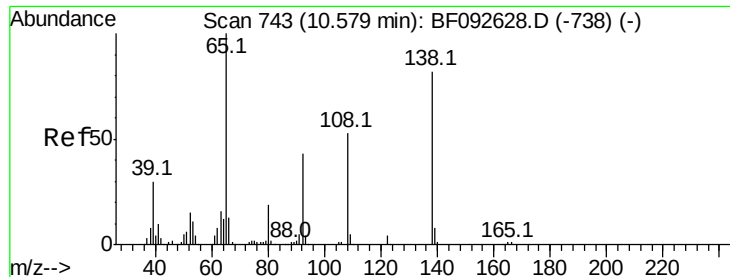


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.74 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

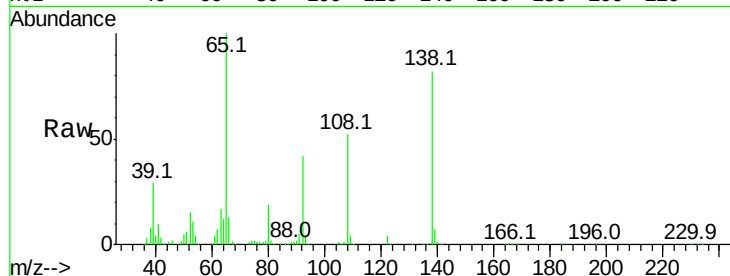
Tot Ion:138 Resp: 305773

Ion Ratio Lower Upper

138 100

92 51.6 31.7 71.7

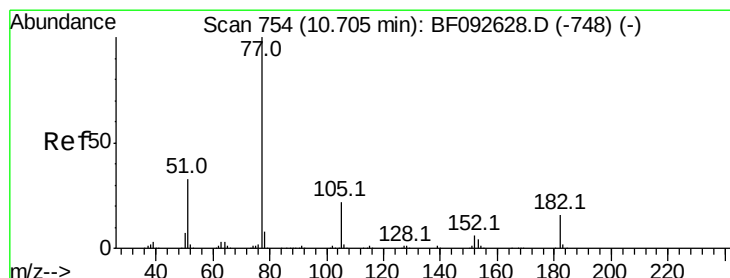
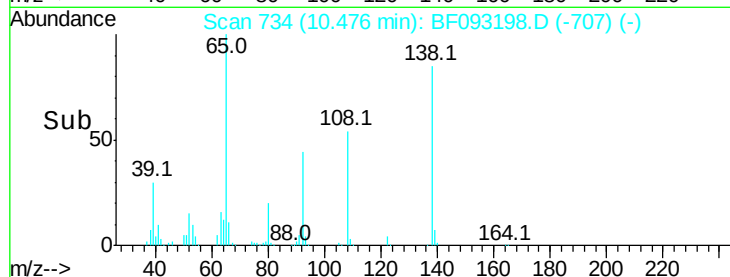
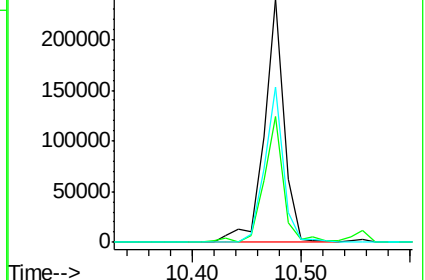
108 63.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.64 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Tgt Ion: 77 Resp: 1204118

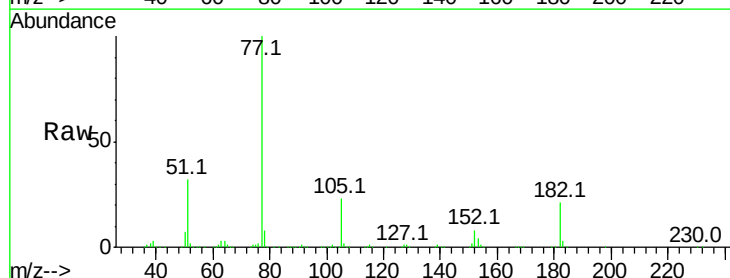
Ion Ratio Lower Upper

77 100

182 20.6 0.0 39.3

105 23.3 2.3 42.3

51 31.8 8.9 48.9

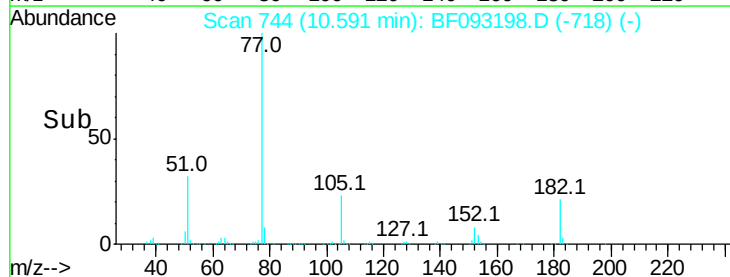
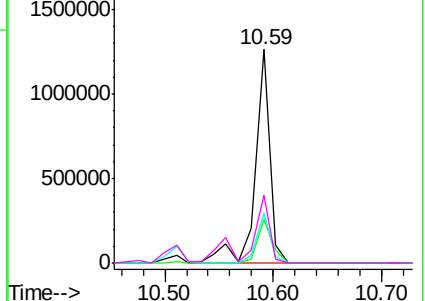


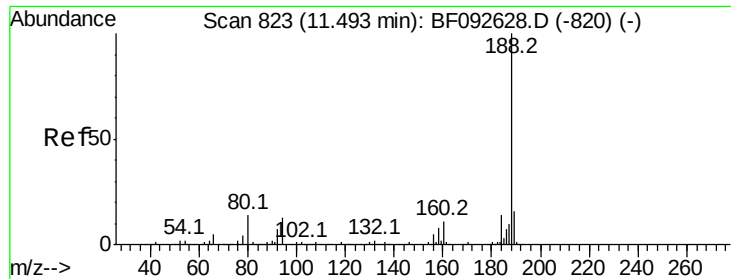
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

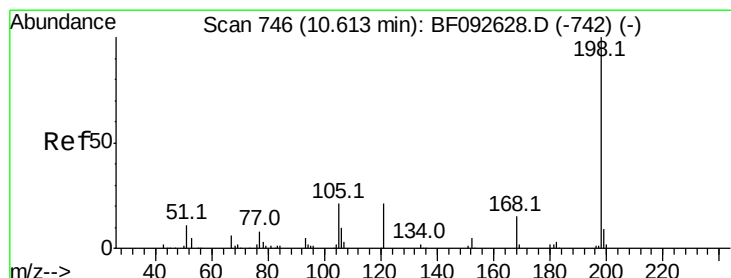
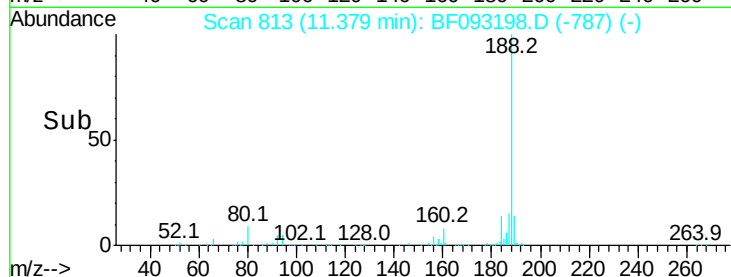
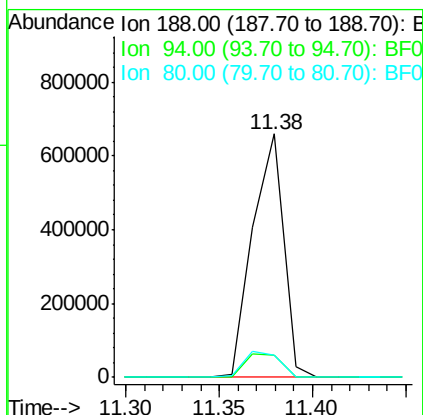
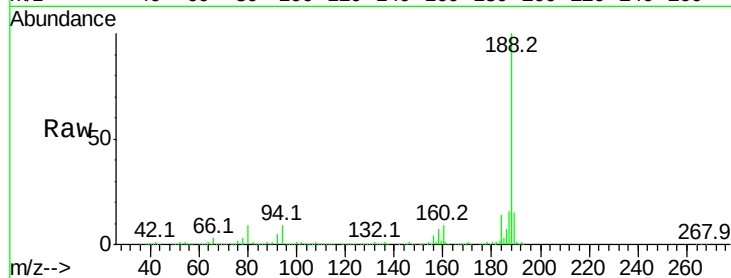




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

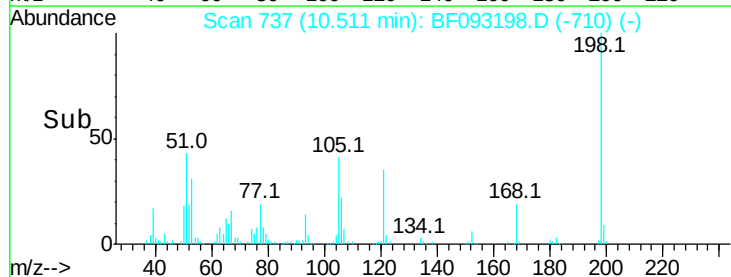
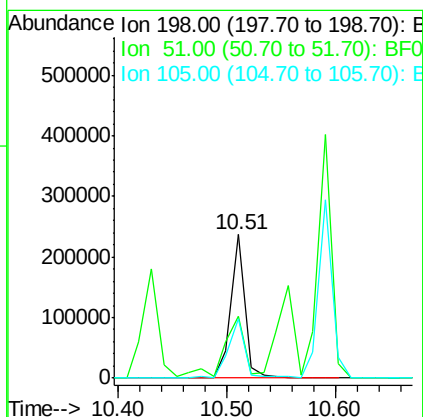
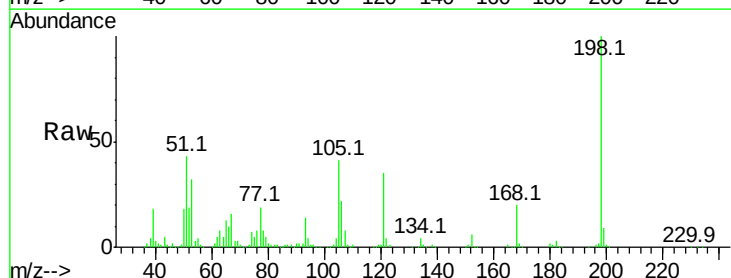
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

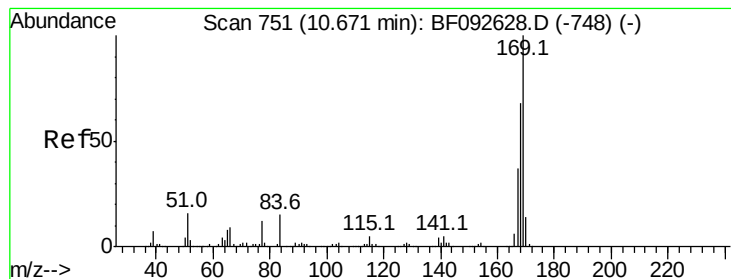
Tot Ion:188 Resp: 757112
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.48 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:198 Resp: 213809
Ion Ratio Lower Upper
198 100
51 43.4 6.7 46.7
105 41.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 38.33 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

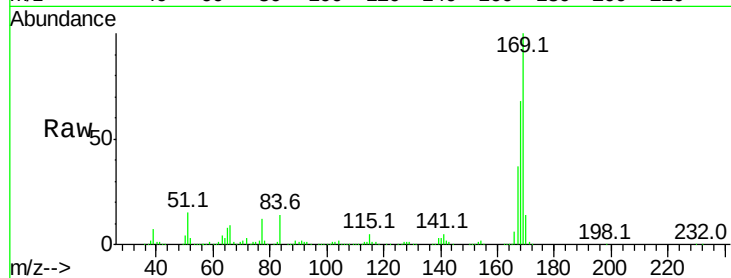
Tot Ion:169 Resp: 927021

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

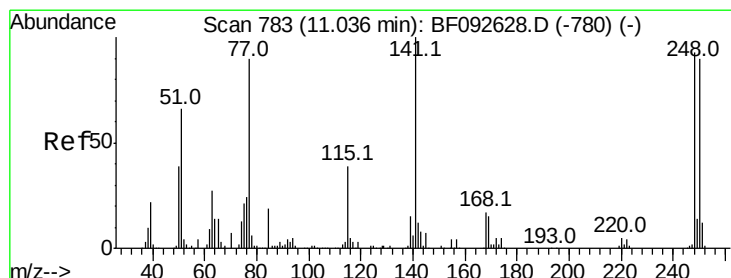
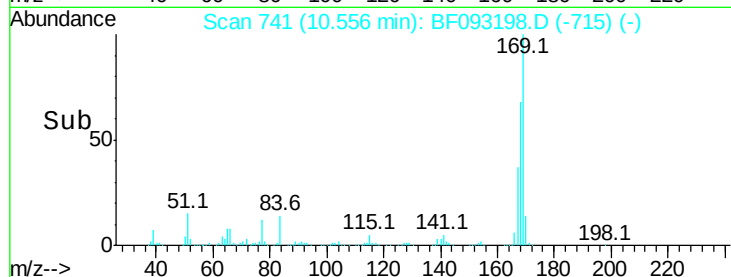
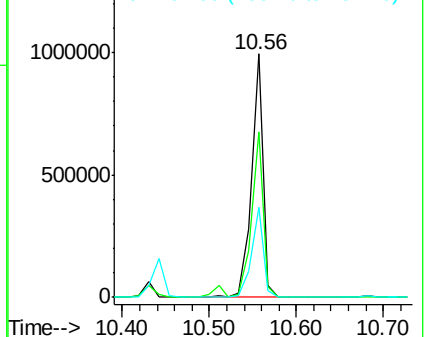
167 37.2 30.2 45.4



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: 39.38 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

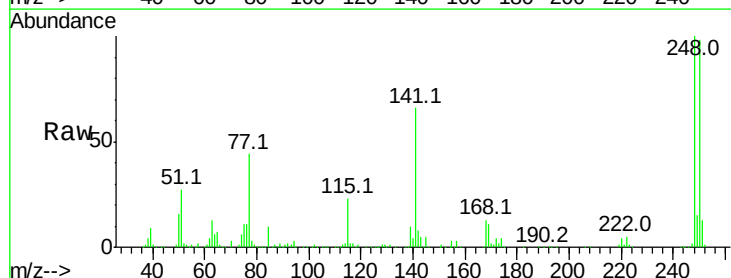
Tgt Ion:248 Resp: 311489

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

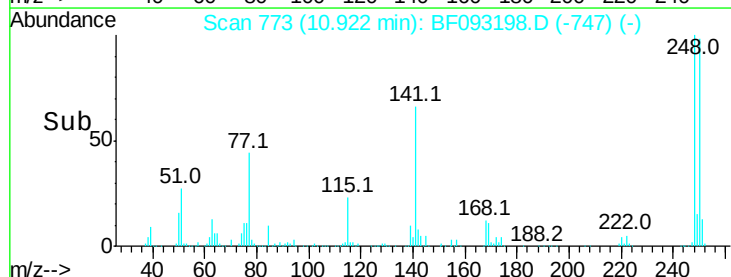
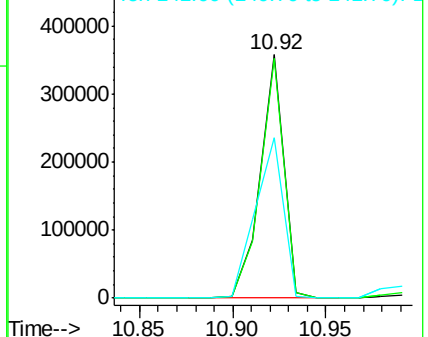
141 65.9 68.2 102.4#

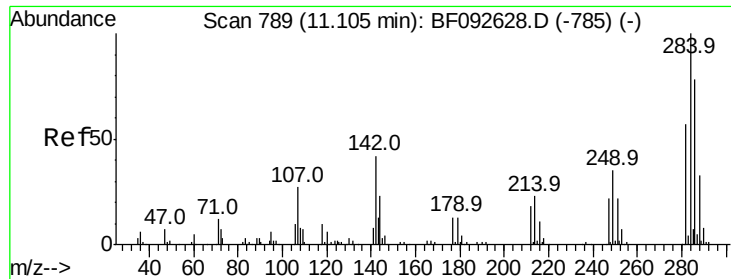


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

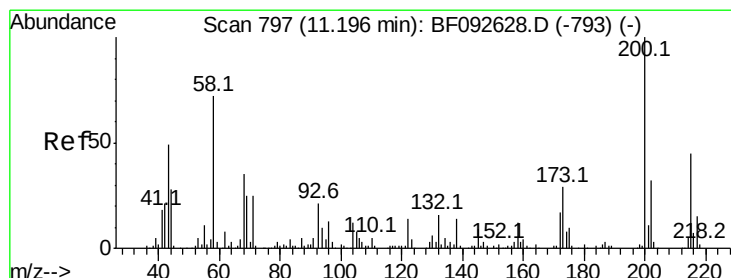
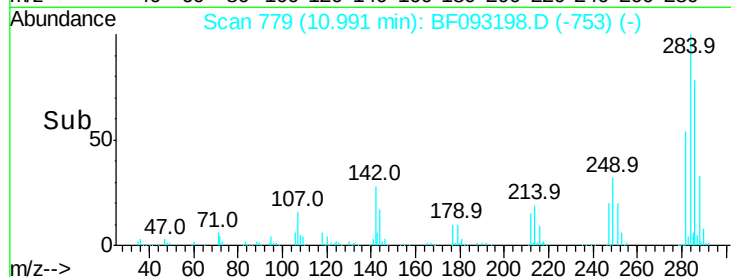
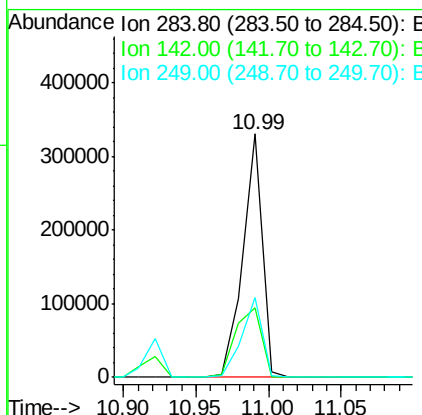
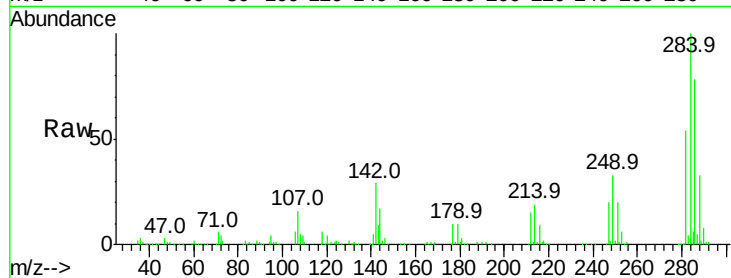




#67
Hexachlorobenzene
Concen: 39.42 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

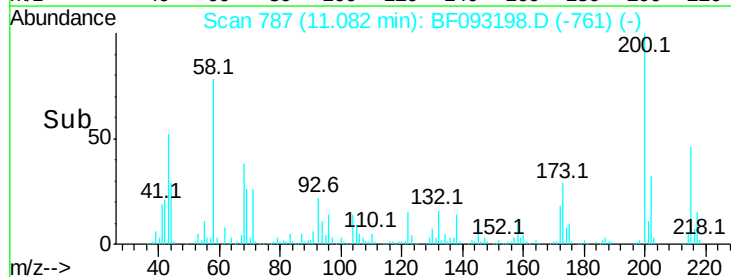
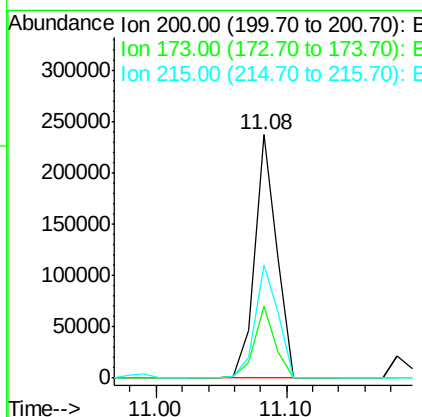
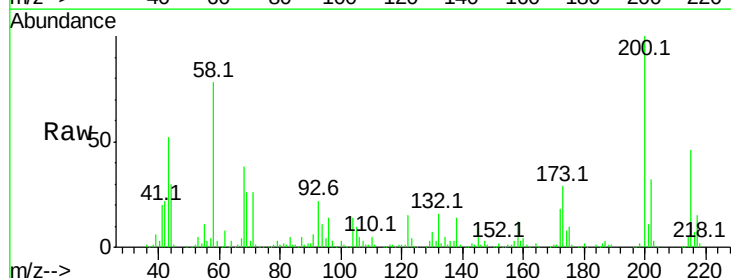
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

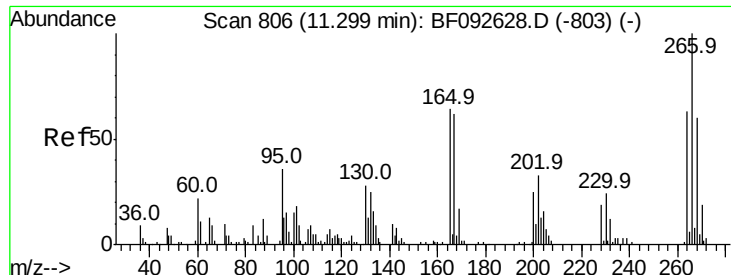
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.8	22.6	33.8
249	32.6	25.4	38.0



#68
Atrazine
Concen: 35.81 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.6	49.6
215	46.2	25.7	65.7

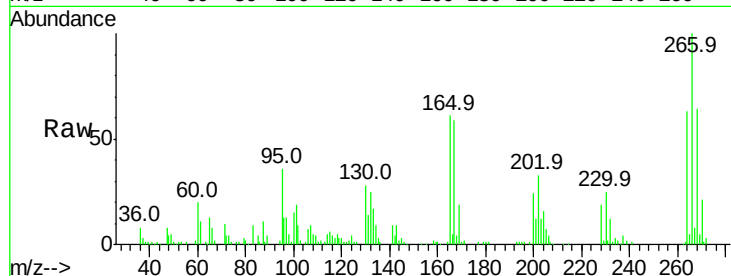




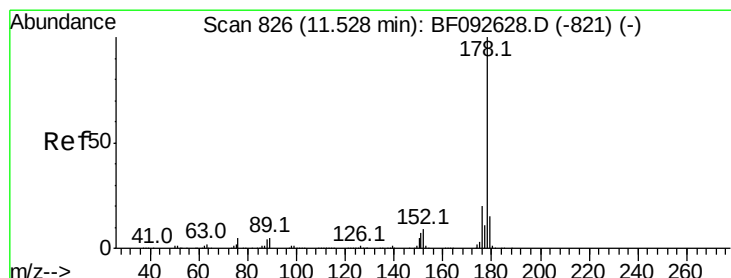
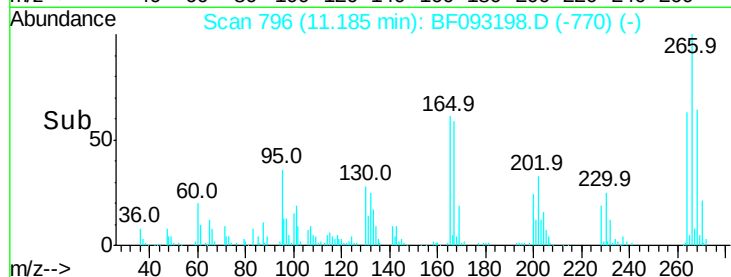
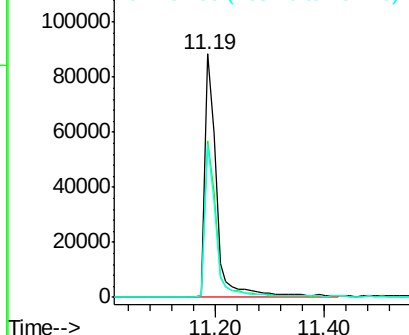
#69
 Pentachlorophenol
 Concen: 37.17 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	62.8	50.3	75.5

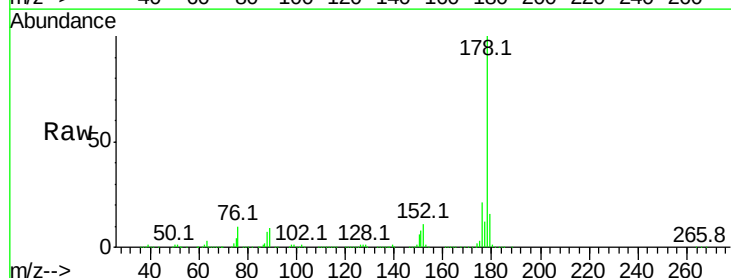


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

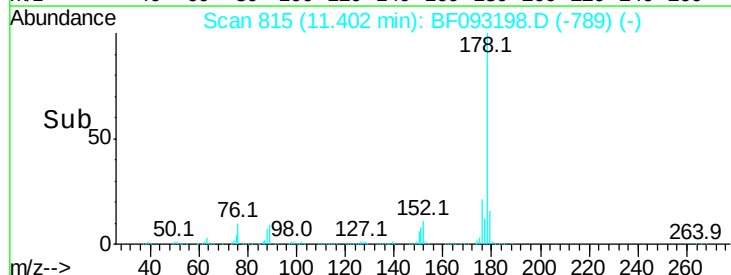
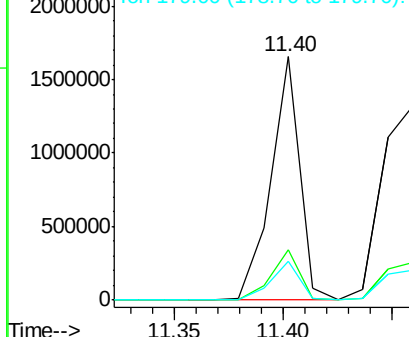


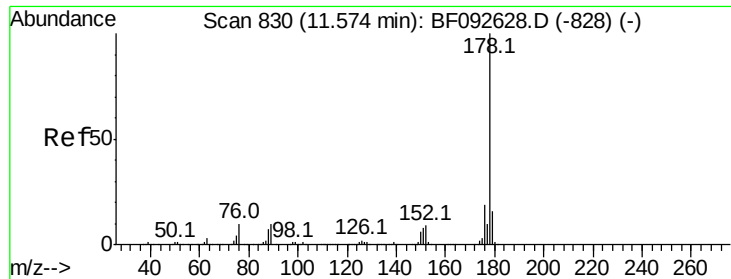
#70
 Phenanthrene
 Concen: 35.47 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	25.0
179	15.9	12.8	19.2



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

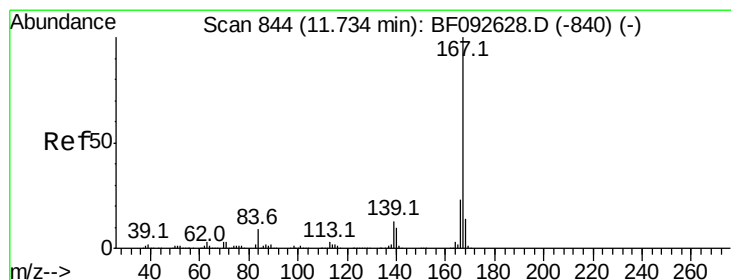
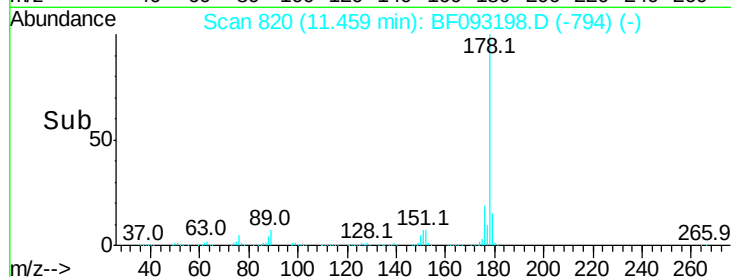
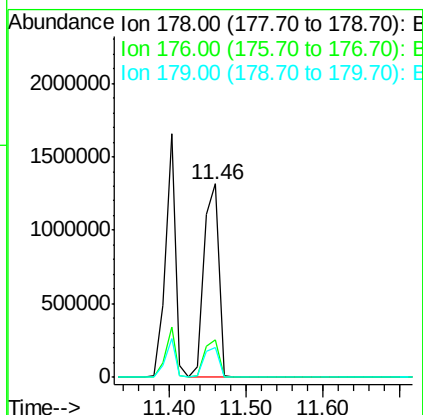
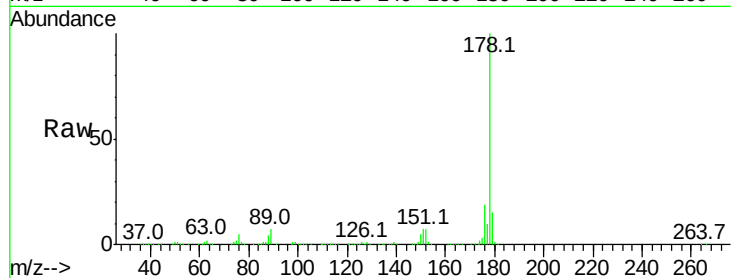




#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

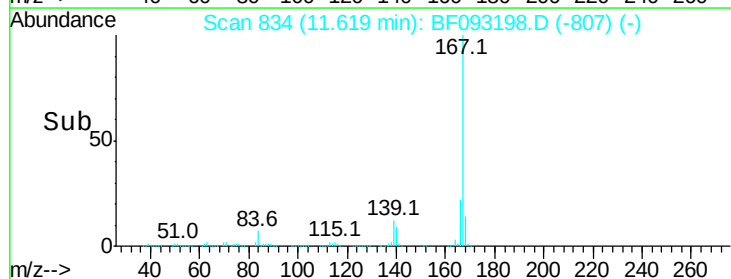
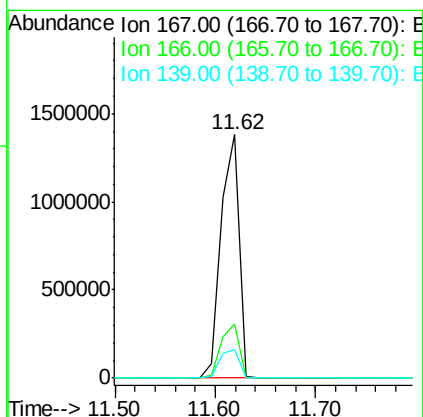
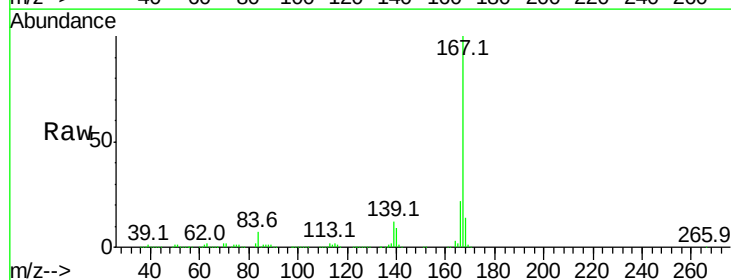
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

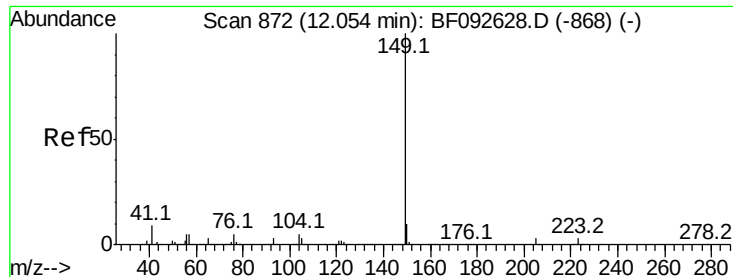
Tot Ion:178 Resp: 1729359
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 41.47 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:167 Resp: 1726606
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 12.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 41.22 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

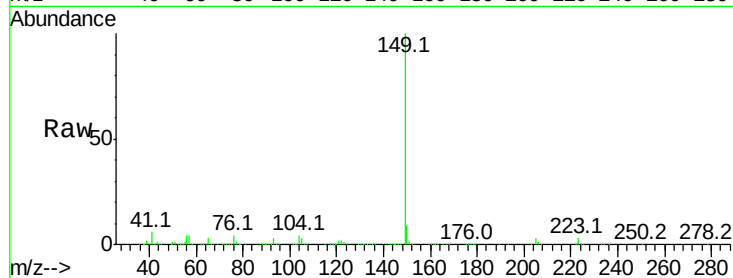
Tot Ion:149 Resp: 1856229

Ion Ratio Lower Upper

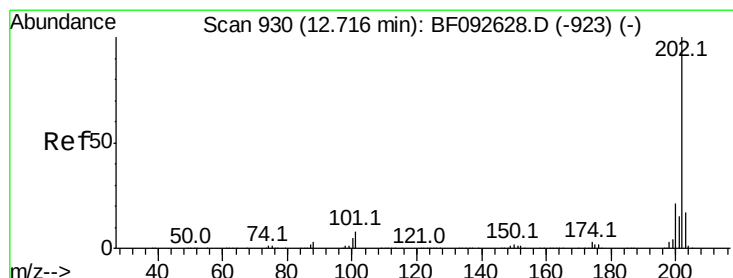
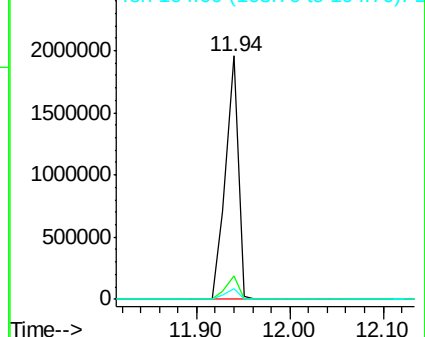
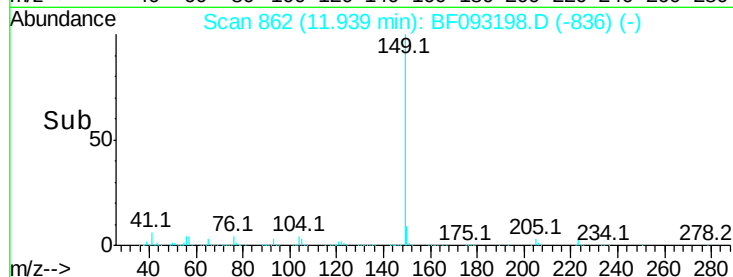
149 100

150 9.5 8.1 12.1

104 4.2 4.6 7.0#



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



#74

Fluoranthene

Concen: 37.01 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

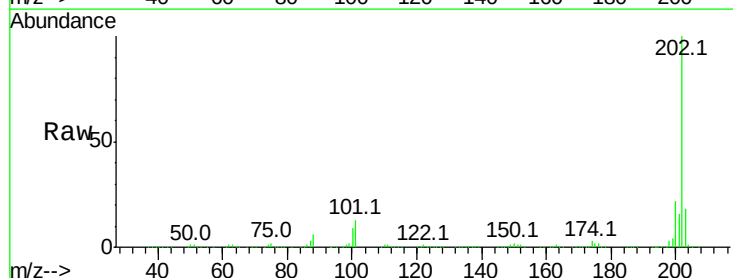
Tgt Ion:202 Resp: 1656070

Ion Ratio Lower Upper

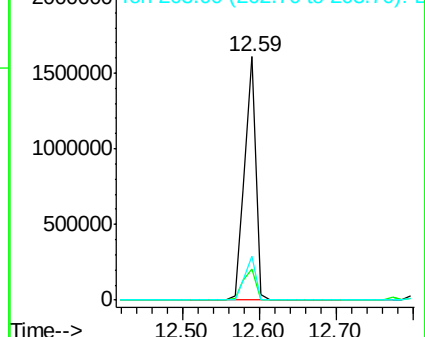
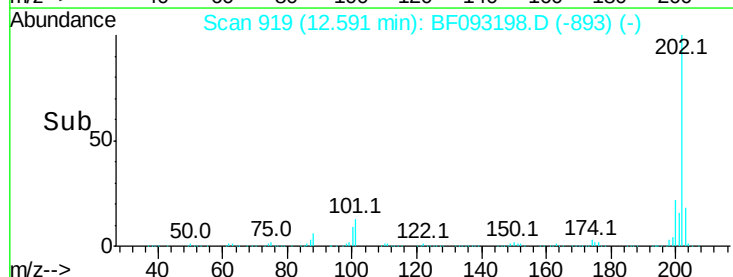
202 100

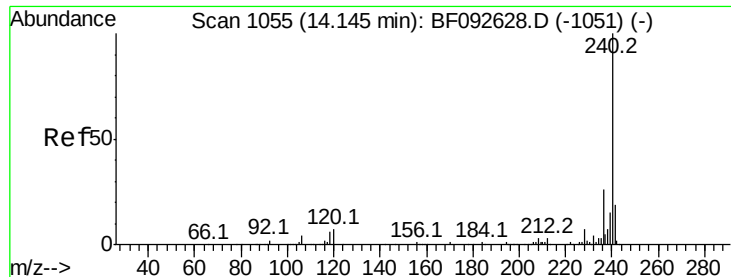
101 12.6 0.0 34.6

203 17.9 0.0 38.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

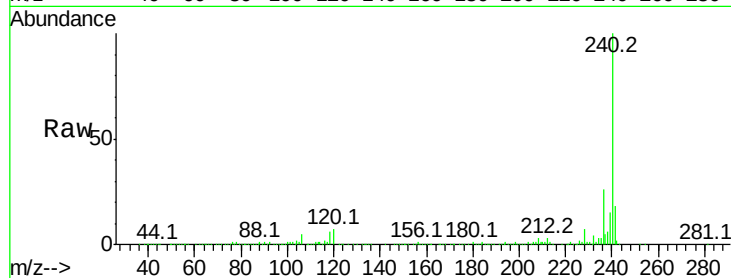
Tot Ion:240 Resp: 549913

Ion Ratio Lower Upper

240 100

120 6.9 12.9 19.3#

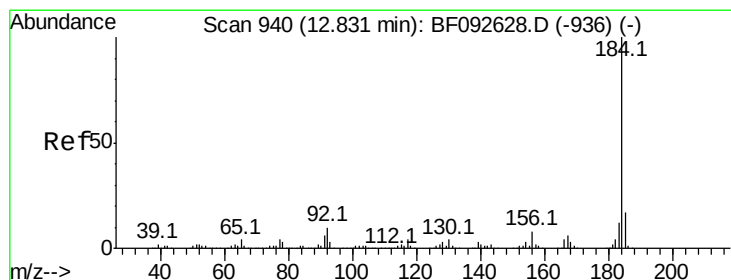
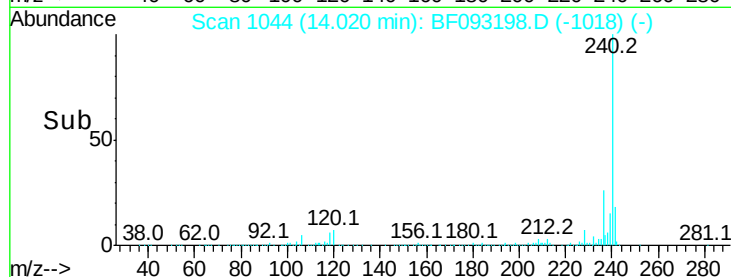
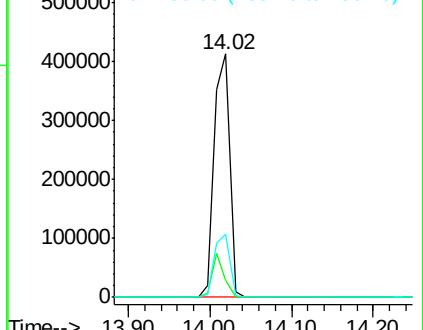
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.74 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

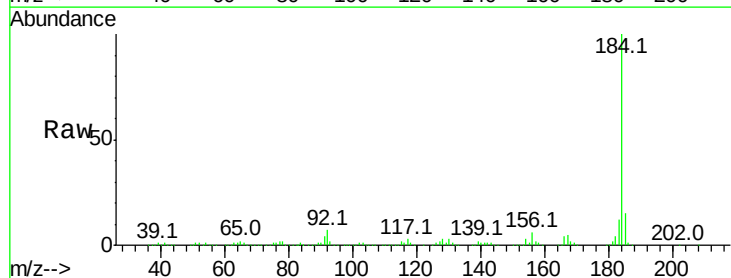
Tgt Ion:184 Resp: 860989

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

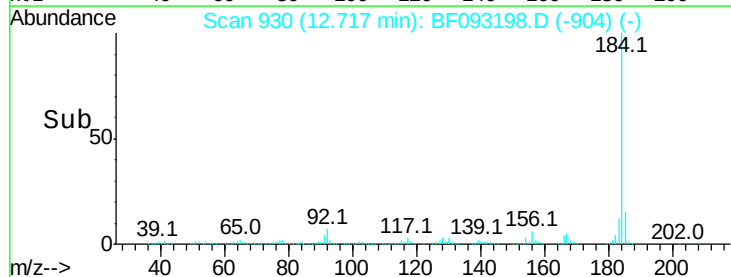
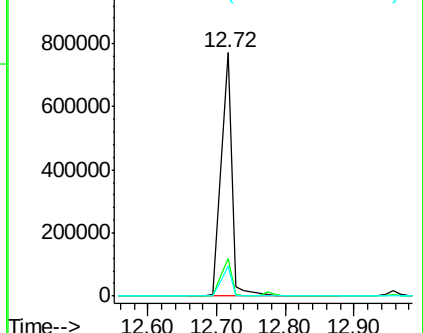
183 12.3 9.2 13.8

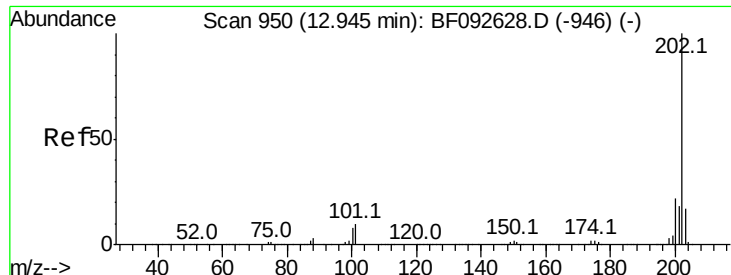


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.66 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

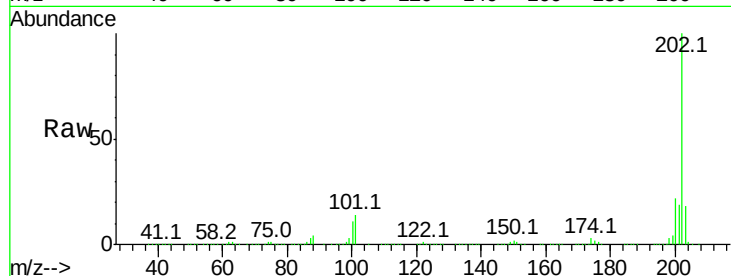
Tot Ion:202 Resp: 1714424

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

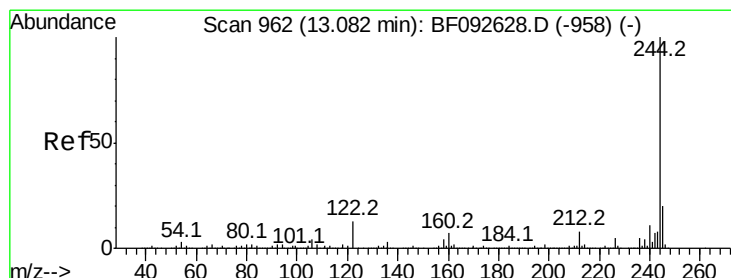
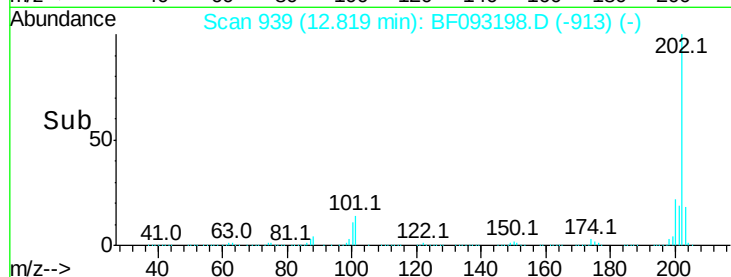
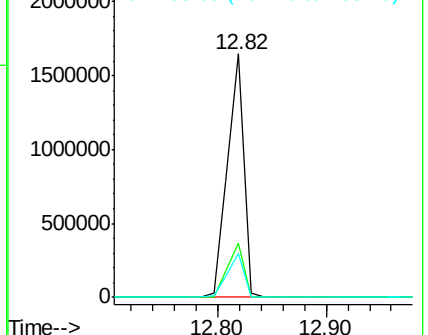
203 17.9 14.7 22.1



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: 75.51 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093198.D

Acq: 27 Feb 2017 10:11

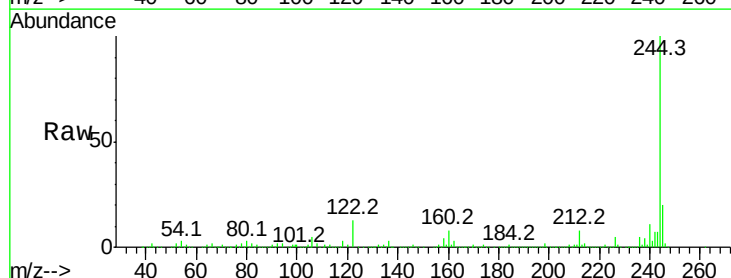
Tgt Ion:244 Resp: 1767215

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

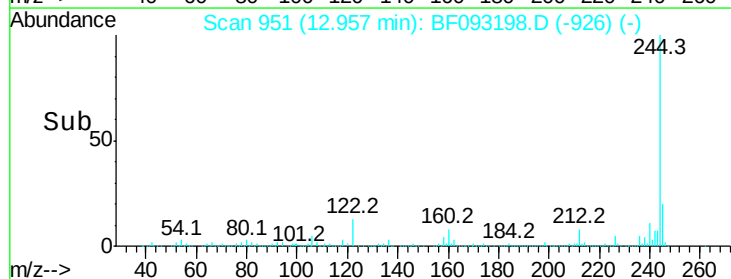
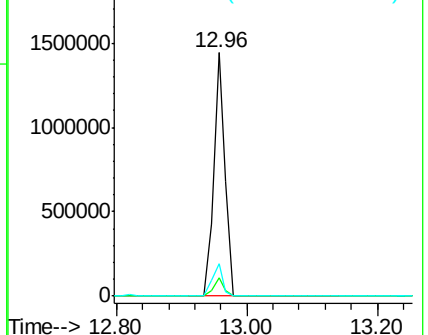
122 13.4 11.4 17.2

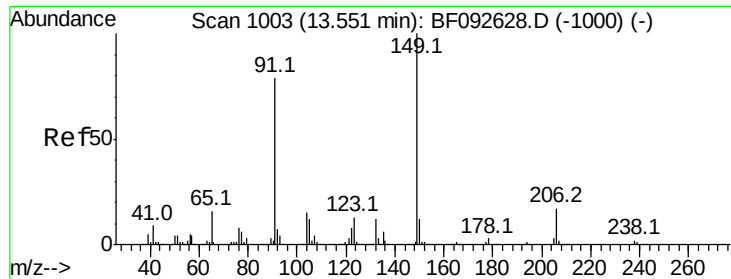


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

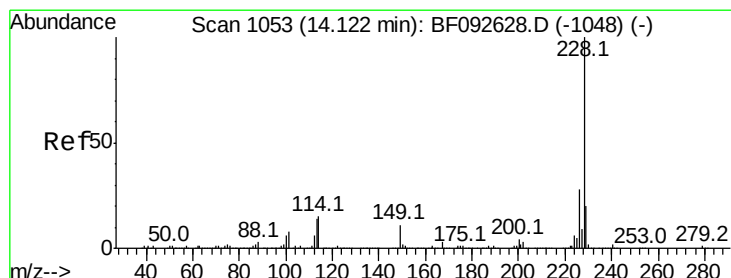
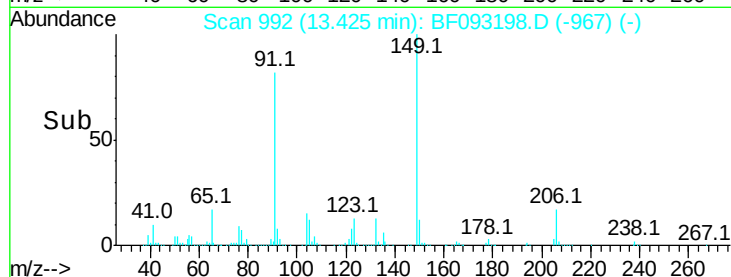
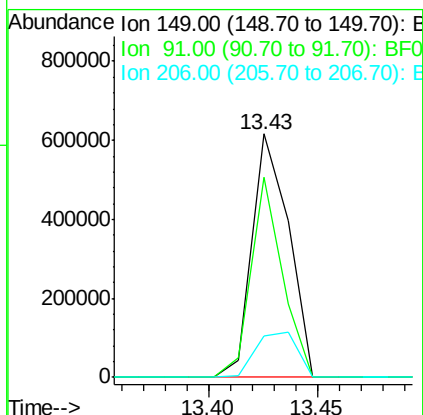
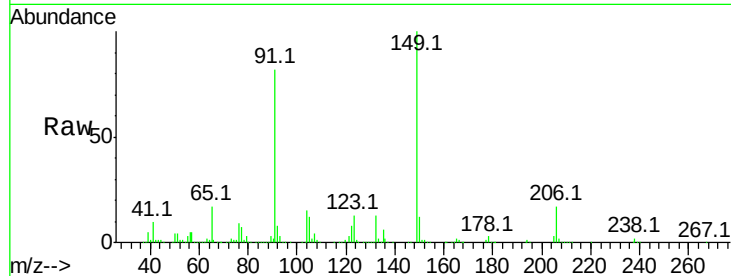




#79
Butylbenzylphthalate
Concen: 43.50 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

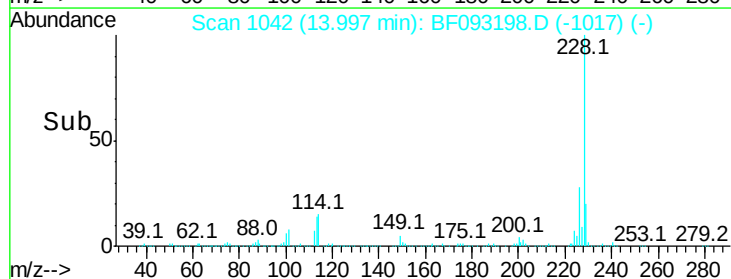
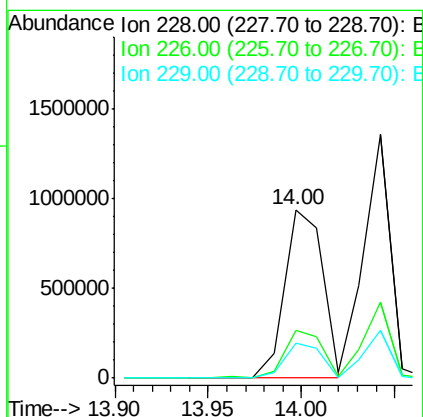
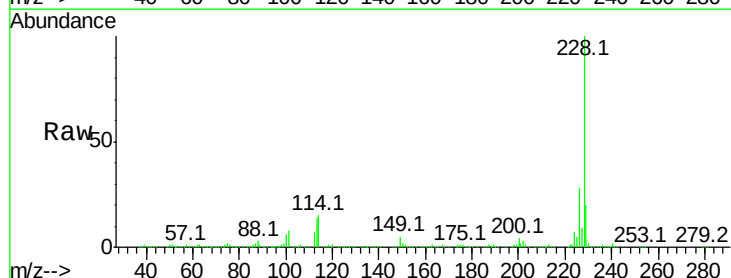
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

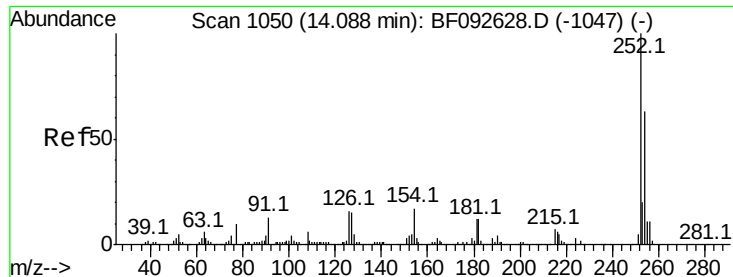
Tot Ion	149	Resp: Lower	727050 Upper
	100		
91	82.4	63.9	95.9
206	16.9	14.6	21.8



#80
Benzo(a)anthracene
Concen: 39.67 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion	228	Resp: Lower	1334183 Upper
	Ratio		
228	100		
226	28.3	22.4	33.6
229	20.4	16.2	24.4

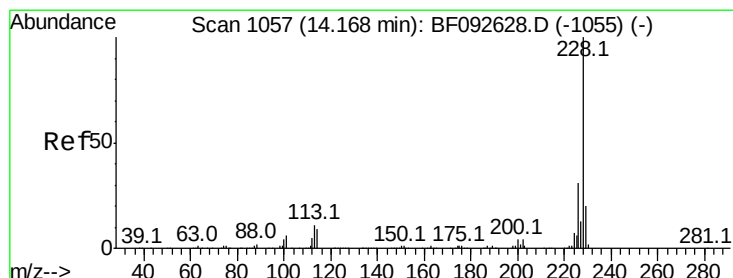
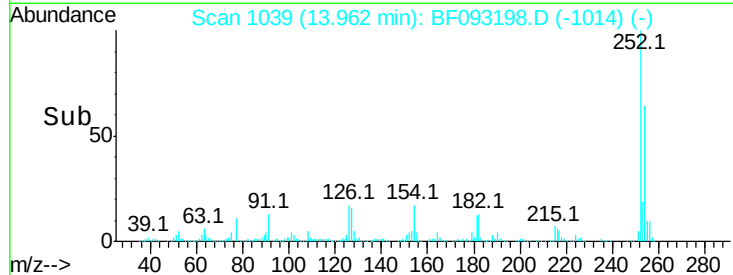
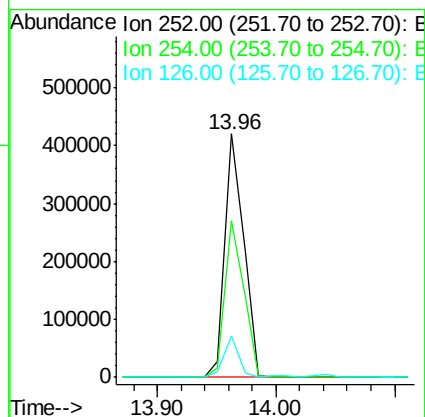
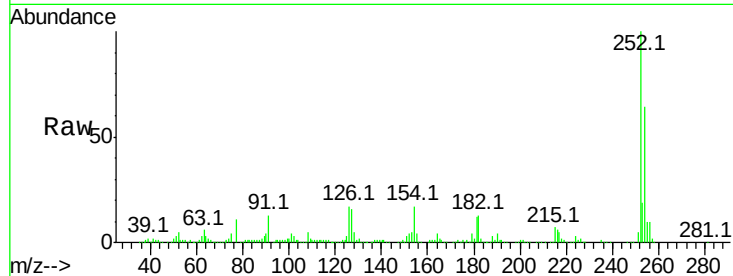




#81
 3,3'-Dichlorobenzidine
 Concen: 38.39 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

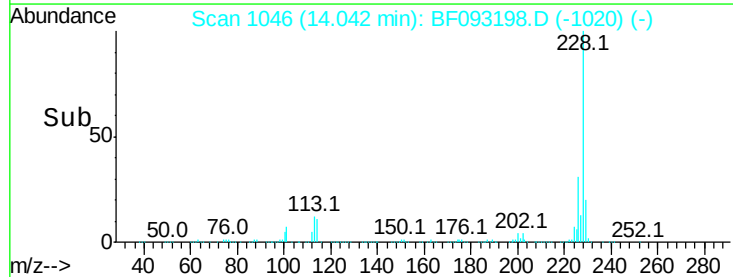
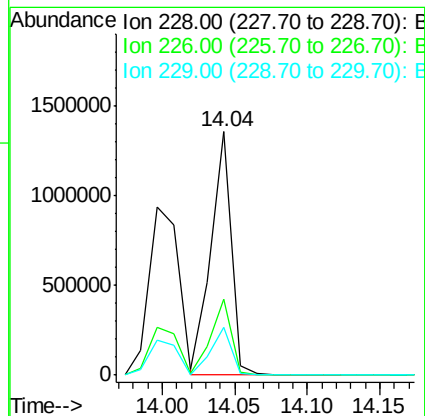
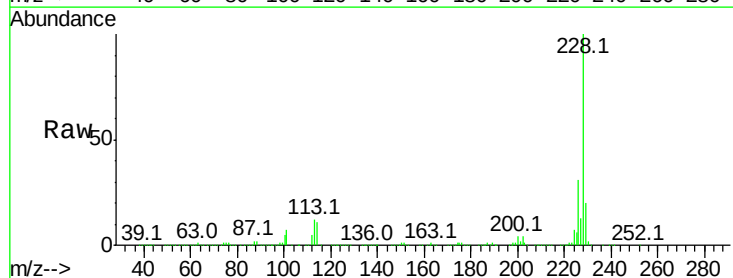
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

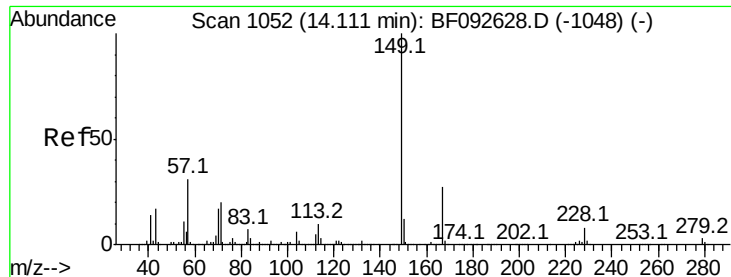
Tot Ion:252 Resp: 460255
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 16.8 13.6 20.4



#82
 Chrysene
 Concen: 42.20 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:228 Resp: 1328844
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 19.9 16.2 24.2

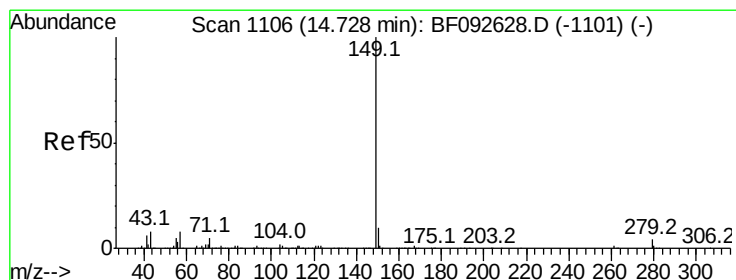
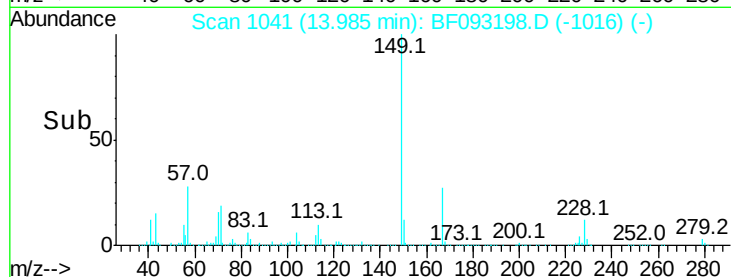
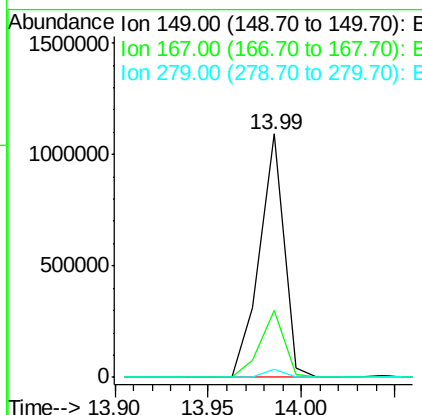
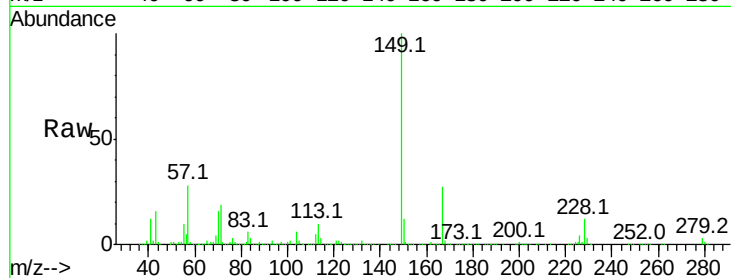




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

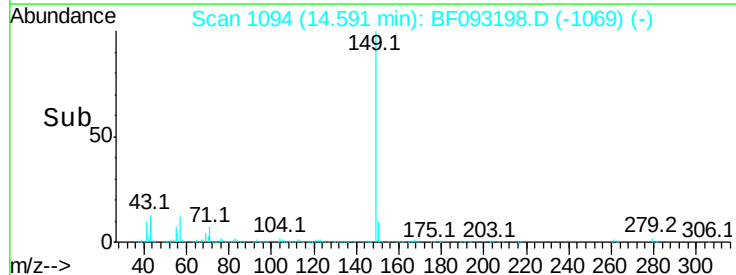
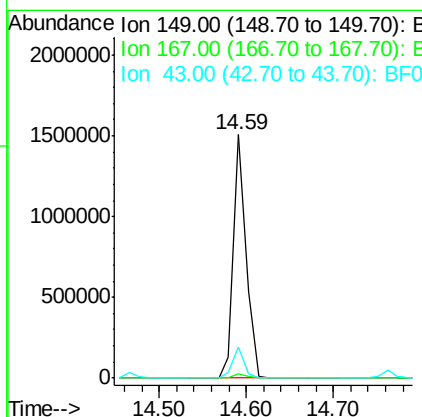
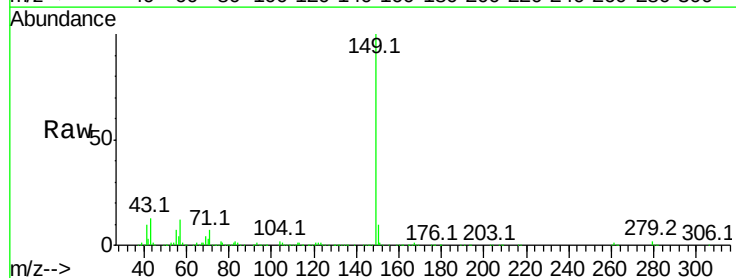
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

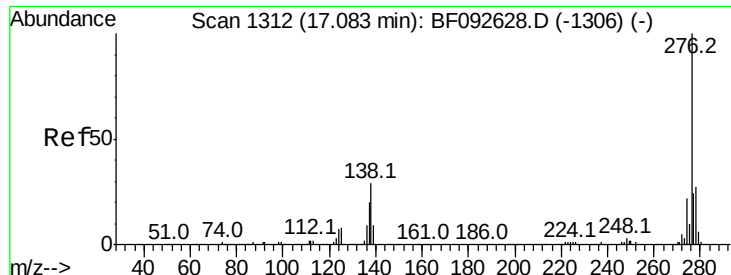
Tot Ion:149 Resp: 998744
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.2 30.4
 279 3.1 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 40.47 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:149 Resp: 1506147
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.9 8.9 13.3

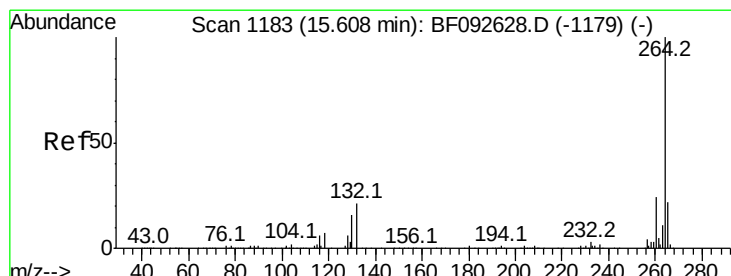
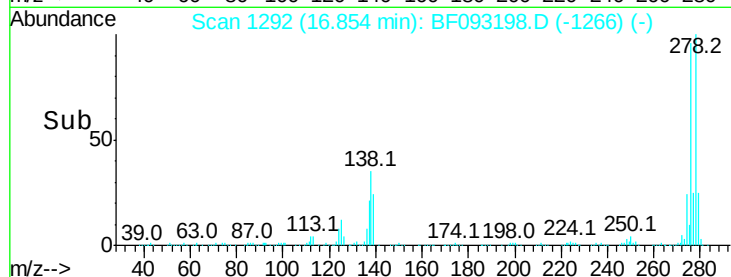
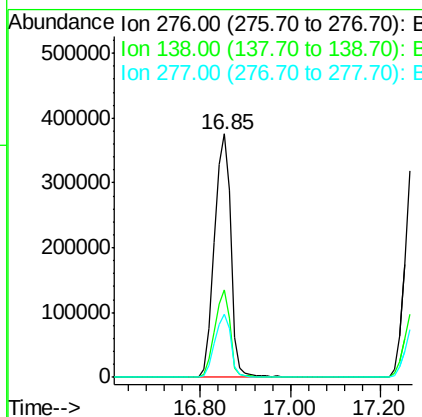
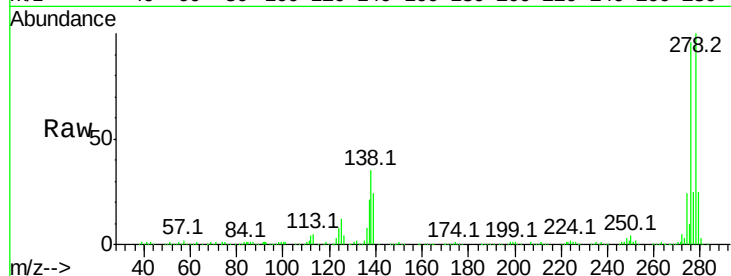




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

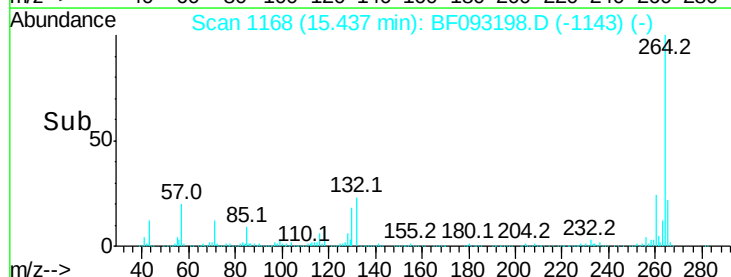
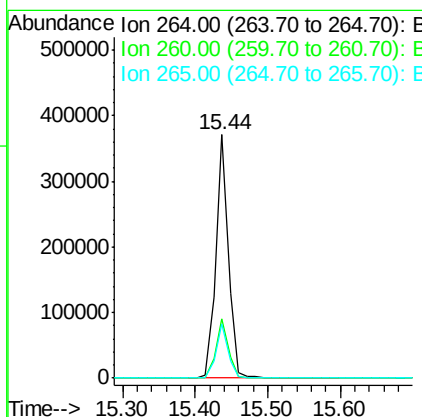
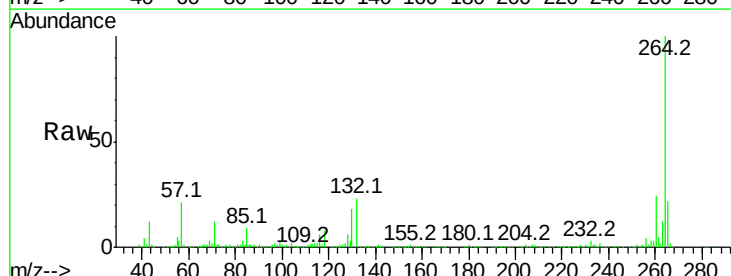
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

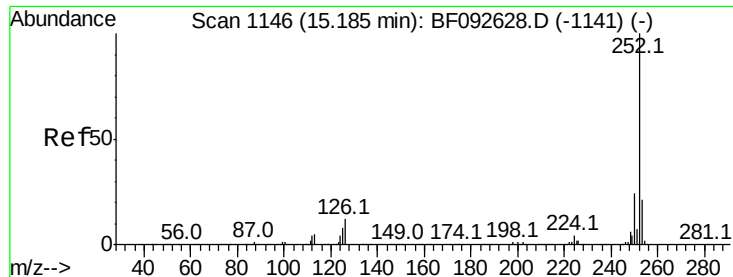
Tot Ion:276 Resp: 959924
 Ion Ratio Lower Upper
 276 100
 138 33.7 21.8 32.6#
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Tgt Ion:264 Resp: 443755
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.2 17.4 26.0

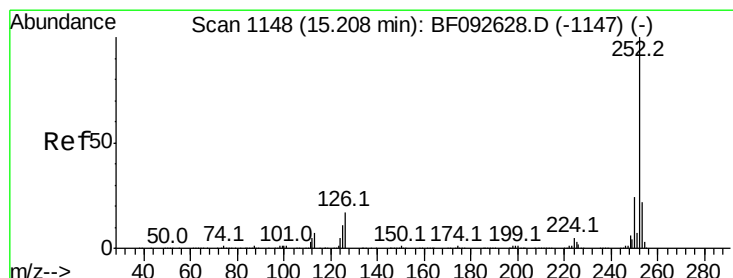
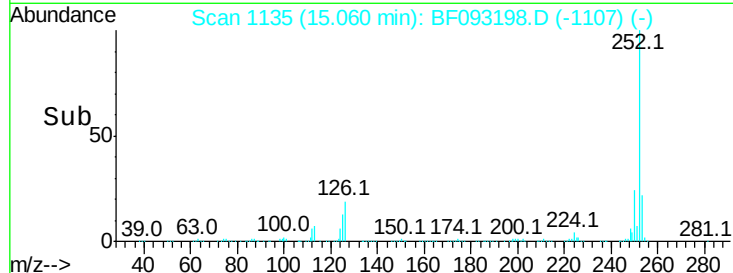
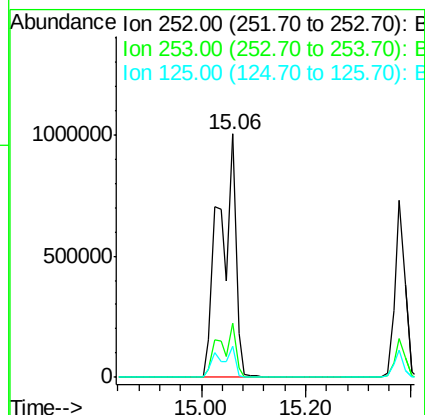
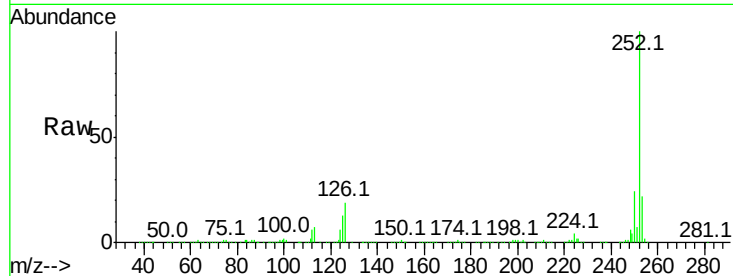




#87
Benzo(b)fluoranthene
Concen: 74.81 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

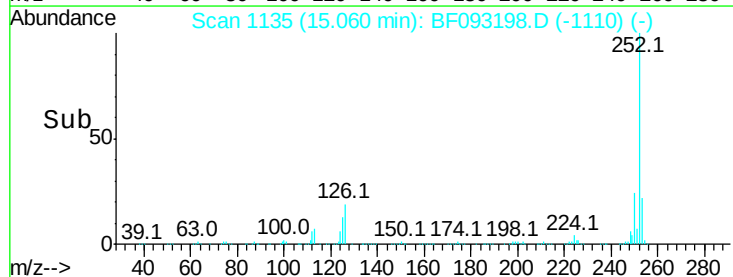
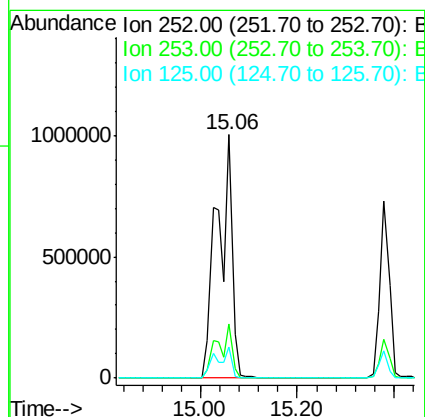
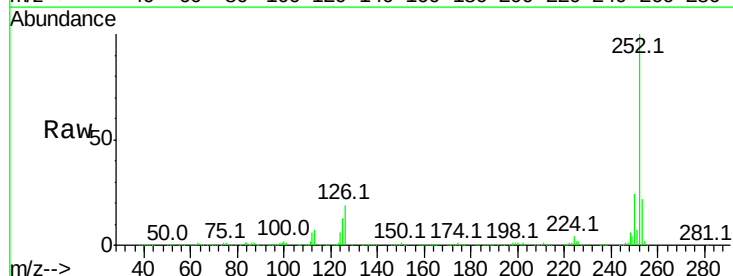
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

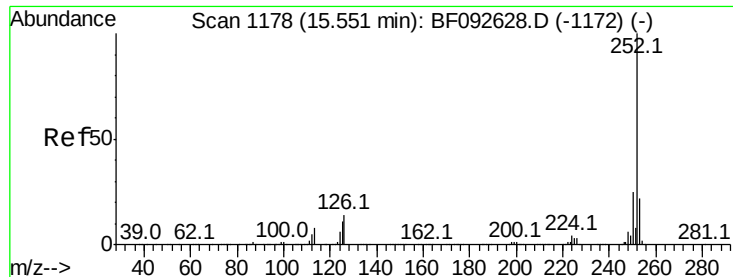
Tot Ion:252 Resp: 2184963
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 86.67 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:252 Resp: 2185785
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.6 8.9 13.3

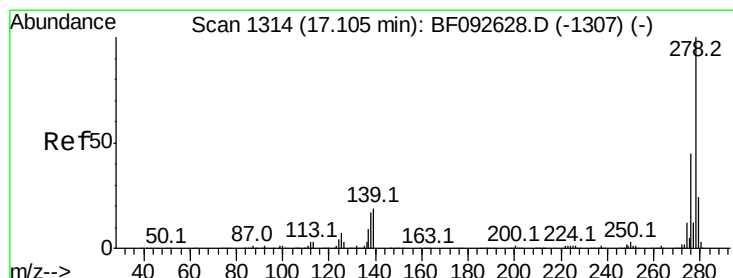
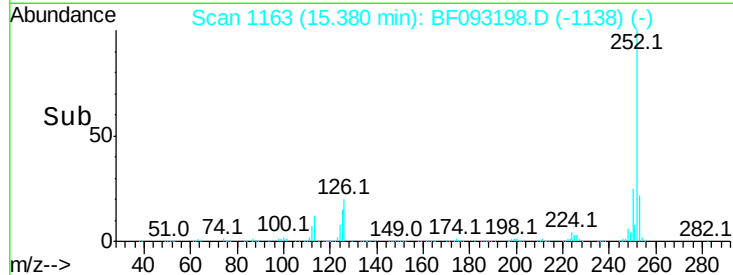
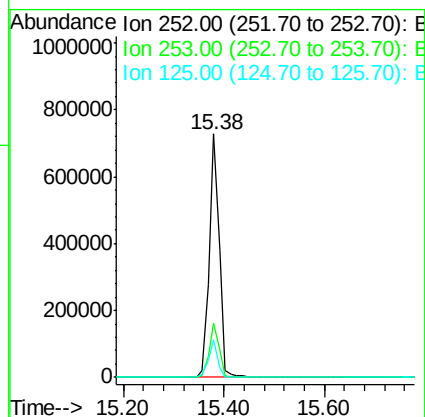
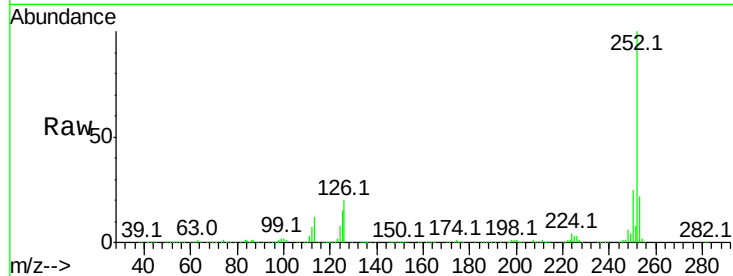




#89
Benzo(a)pyrene
Concen: 39.39 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

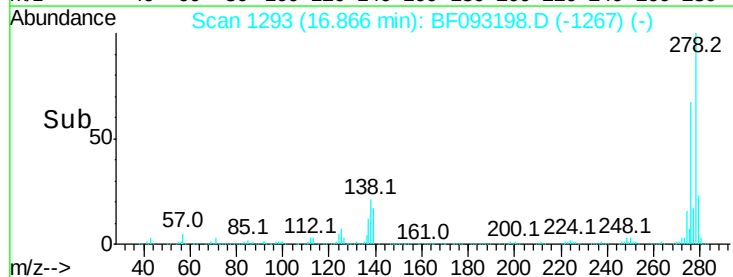
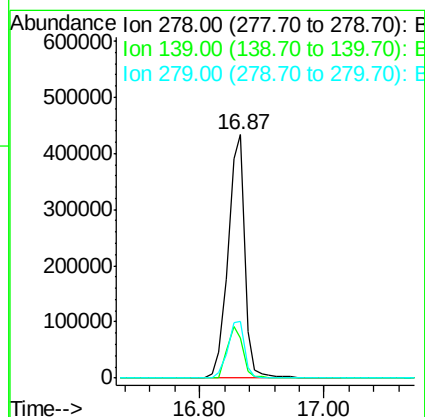
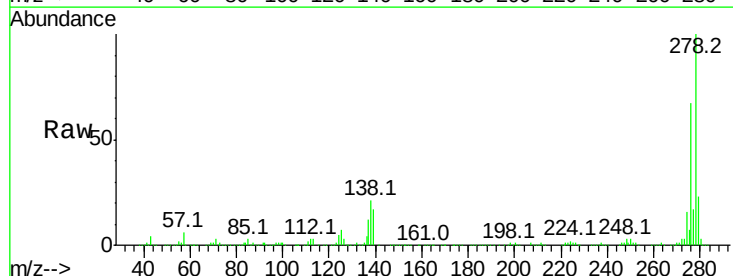
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

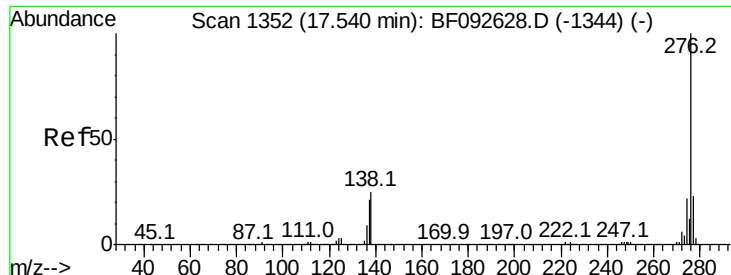
Tot Ion:252 Resp: 995149
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 15.2 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.73 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF093198.D
Acq: 27 Feb 2017 10:11

Tgt Ion:278 Resp: 811195
Ion Ratio Lower Upper
278 100
139 16.6 14.8 22.2
279 23.2 19.8 29.6

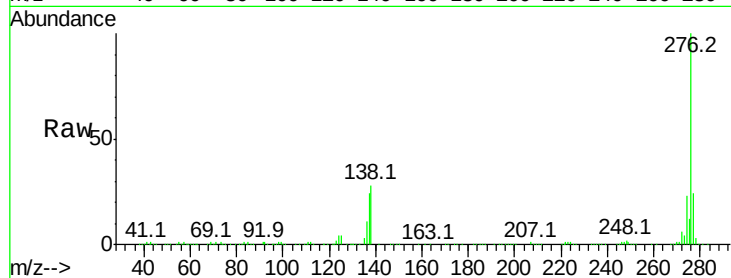




#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093198.D
 Acq: 27 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	27.9	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

