

Data File : BF093180.D
Acq On : 25 Feb 2017 9:20
Operator : SJ/MA
Sample : I1972-21MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Quant Time: Feb 26 23:38:56 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	153131	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	588875	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	259018	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	386160	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	317100	20.00	ng	-0.01
86) Perylene-d12	15.44	264	284486	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1041046	116.63	ng	-0.01
7) Phenol-d6	6.49	99	1371932	119.46	ng	0.00
23) Nitrobenzene-d5	7.41	82	920992	87.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	179123	95.61	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1328349	92.91	ng	-0.01
78) Terphenyl-d14	12.96	244	762322	56.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	174736	36.23	ng	# 85
3) Pyridine	3.16	79	363788	29.66	ng	88
4) n-Nitrosodimethylamine	3.12	42	247233	42.93	ng	88
6) Aniline	6.50	93	192138	12.26	ng	# 12
8) 2-Chlorophenol	6.62	128	409845	41.62	ng	94
9) Benzaldehyde	6.37	77	177840	21.61	ng	86
10) Phenol	6.50	94	652308	48.55	ng	# 77
11) bis(2-Chloroethyl)ether	6.58	93	463161	43.19	ng	97
12) 1,3-Dichlorobenzene	6.77	146	465132	40.33	ng	# 94
13) 1,4-Dichlorobenzene	6.85	146	483978	41.46	ng	96
14) 1,2-Dichlorobenzene	7.00	146	414762	37.16	ng	97
15) Benzyl Alcohol	6.99	79	353043	41.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	743701	39.91	ng	93
17) 2-Methylphenol	7.10	107	296102	35.05	ng	98
18) Hexachloroethane	7.34	117	141401	35.48	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	309653	42.36	ng	93
20) 3+4-Methylphenols	7.26	107	400531	39.66	ng	# 75
22) Acetophenone	7.25	105	614701	45.72	ng	# 97
24) Nitrobenzene	7.42	77	450000	41.44	ng	99
25) Isophorone	7.66	82	849974	43.13	ng	97
26) 2-Nitrophenol	7.74	139	228823	44.33	ng	89
27) 2,4-Dimethylphenol	7.79	122	284229	31.36	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	569341	43.63	ng	100
29) 2,4-Dichlorophenol	7.98	162	335905	39.73	ng	85
30) 1,2,4-Trichlorobenzene	8.06	180	358339	39.33	ng	95
31) Naphthalene	8.14	128	1156786	38.75	ng	99
32) Benzoic acid	7.79	122	284229	54.24	ng	# 9
33) 4-Chloroaniline	8.20	127	125525	10.72	ng	99
34) Hexachlorobutadiene	8.26	225	183518	36.61	ng	98
35) Caprolactam	8.57	113	110645	41.61	ng	# 36
36) 4-Chloro-3-methylphenol	8.69	107	337203	38.26	ng	97
37) 2-Methylnaphthalene	8.93	142	637732	33.27	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	315932	43.45	ng	99
40) Hexachlorocyclopentadiene	8.99	237	76538	23.33	ng	99

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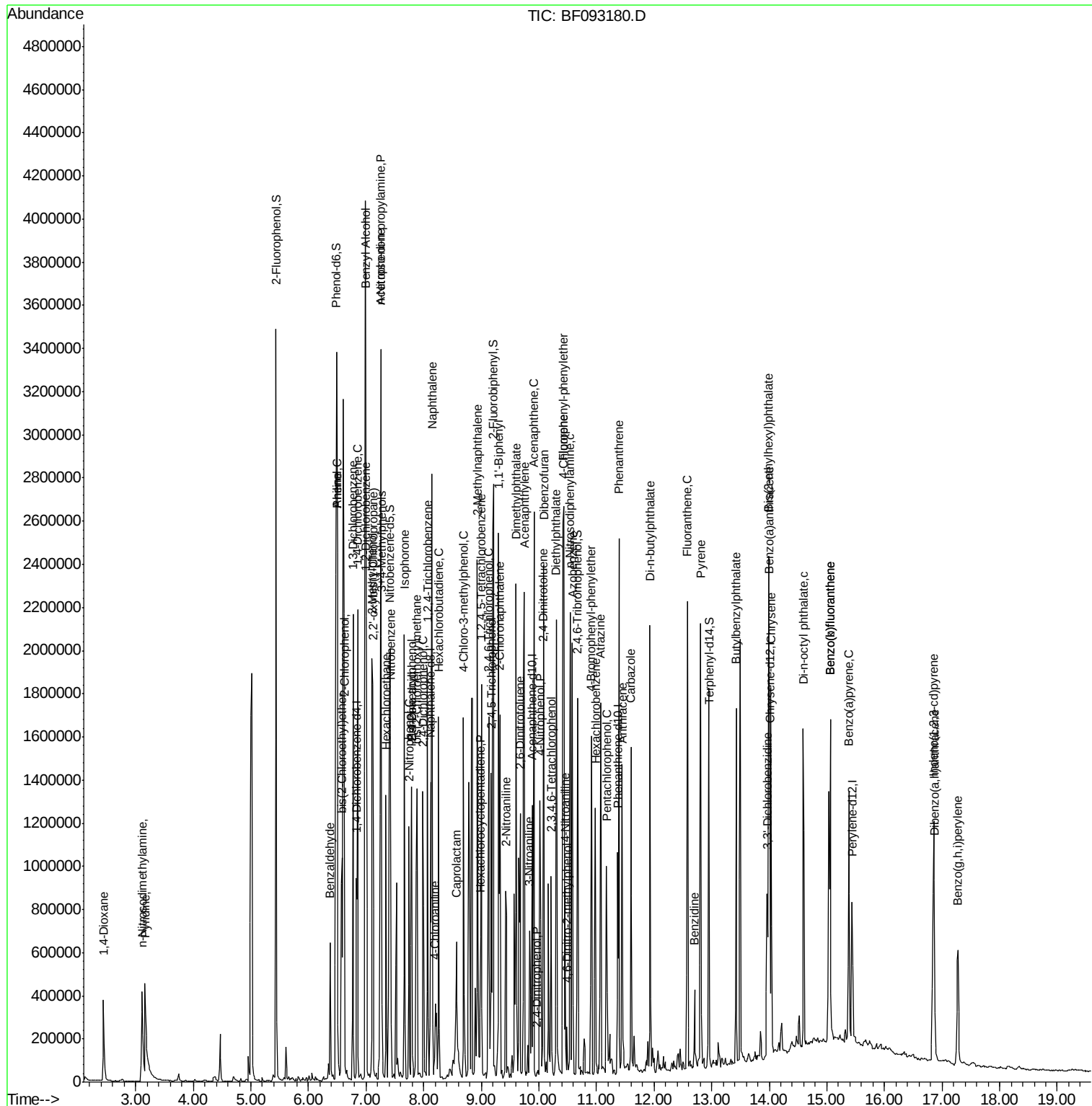
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	215885	45.19	ng	94
43) 2,4,5-Trichlorophenol	9.17	196	220865	42.19	ng	# 87
45) 1,1'-Biphenyl	9.30	154	817876	43.61	ng	96
46) 2-Chloronaphthalene	9.32	162	668543	45.57	ng	94
47) 2-Nitroaniline	9.42	65	216459	43.88	ng	88
48) Acenaphthylene	9.74	152	1065743	42.05	ng	99
49) Dimethylphthalate	9.61	163	1030214	59.05	ng	99
50) 2,6-Dinitrotoluene	9.68	165	185300	49.18	ng	93
51) Acenaphthene	9.92	154	626719	41.36	ng	97
52) 3-Nitroaniline	9.84	138	127265	29.51	ng	86
53) 2,4-Dinitrophenol	9.96	184	5310	7.34	ng	# 64
54) Dibenzofuran	10.09	168	906014	44.70	ng	93
55) 4-Nitrophenol	10.02	139	184336	59.36	ng	87
56) 2,4-Dinitrotoluene	10.08	165	183930	36.67	ng	# 87
57) Fluorene	10.43	166	685971	43.99	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	148281	42.46	ng	94
59) Diethylphthalate	10.30	149	737795	44.87	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	291596	38.92	ng	92
61) 4-Nitroaniline	10.45	138	137426	31.12	ng	93
62) Azobenzene	10.58	77	776136	45.69	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	24316	12.44	ng	# 29
65) n-Nitrosodiphenylamine	10.54	169	602775	48.86	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	178925	44.35	ng	94
67) Hexachlorobenzene	10.98	284	162366	40.73	ng	96
68) Atrazine	11.07	200	162458	41.04	ng	100
69) Pentachlorophenol	11.17	266	121683	61.00	ng	97
70) Phenanthrene	11.39	178	879645	39.76	ng	98
71) Anthracene	11.45	178	840443	37.83	ng	97
72) Carbazole	11.60	167	738570	34.78	ng	99
73) Di-n-butylphthalate	11.93	149	1007434	43.86	ng	# 98
74) Fluoranthene	12.58	202	813129	35.63	ng	97
76) Benzidine	12.71	184	144671	10.71	ng	97
77) Pyrene	12.81	202	796434	33.56	ng	99
79) Butylbenzylphthalate	13.43	149	366794	38.06	ng	96
80) Benzo(a)anthracene	14.00	228	711011	36.66	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	176421	25.52	ng	# 96
82) Chrysene	14.03	228	600336	33.06	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	510802	38.76	ng	# 97
84) Di-n-octyl phthalate	14.59	149	895816	41.74	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	534472	38.00	ng	# 92
87) Benzo(b)fluoranthene	15.06	252	1318011	70.39	ng	98
88) Benzo(k)fluoranthene	15.06	252	1318011	81.52	ng	98
89) Benzo(a)pyrene	15.38	252	589904	36.42	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	467423	35.71	ng	98
91) Benzo(g,h,i)perylene	17.28	276	421099	31.84	ng	# 94

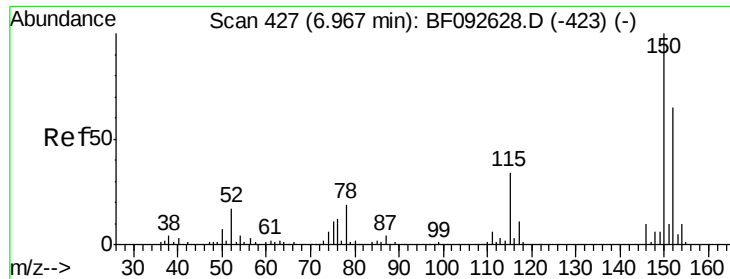
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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E2-Z5-BASEMSD

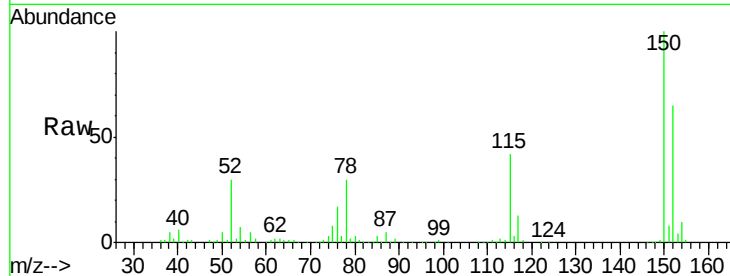
Tgt Ion:152 Resp: 153131

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

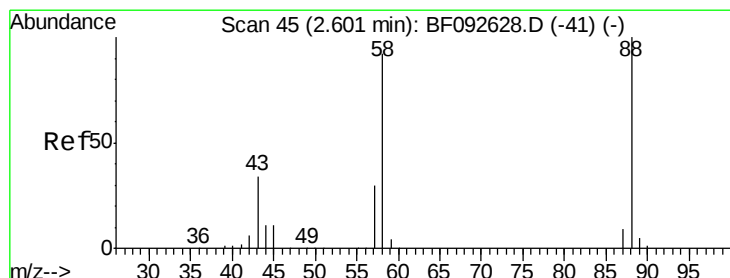
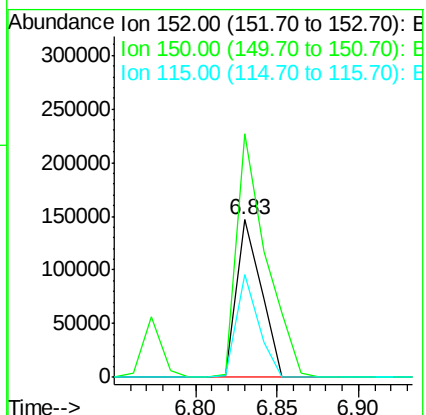
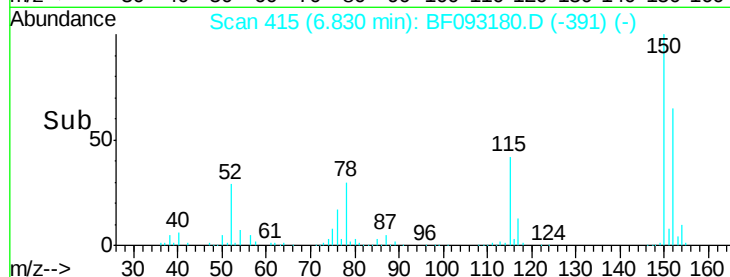
115 65.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.23 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

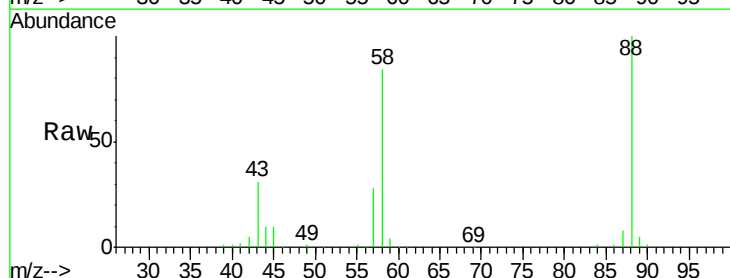
Tgt Ion: 88 Resp: 174736

Ion Ratio Lower Upper

88 100

58 87.5 57.8 86.8#

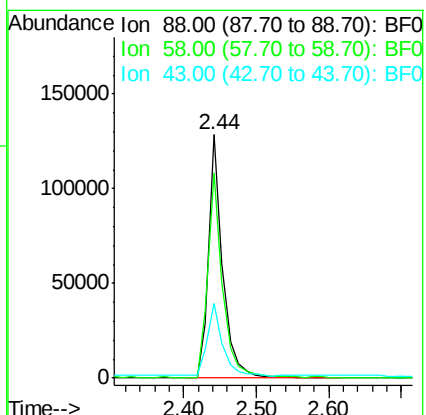
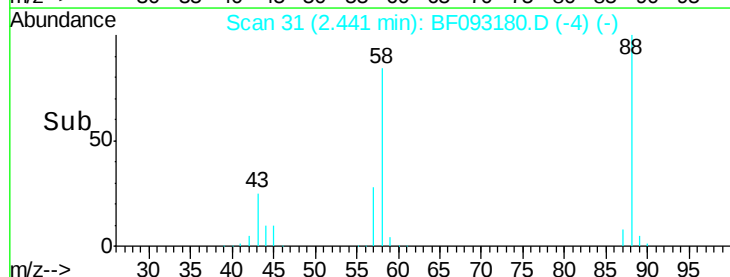
43 32.0 22.3 33.5

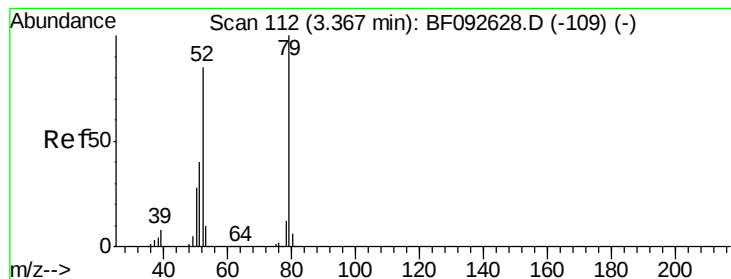


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.66 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF093180.D

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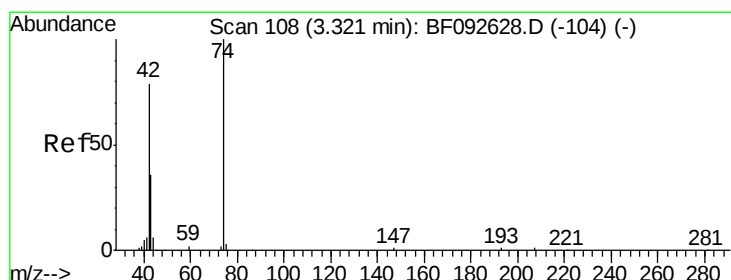
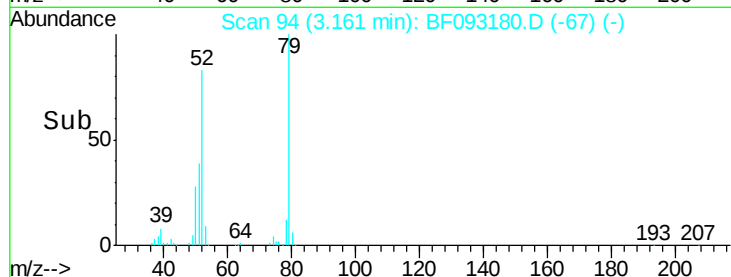
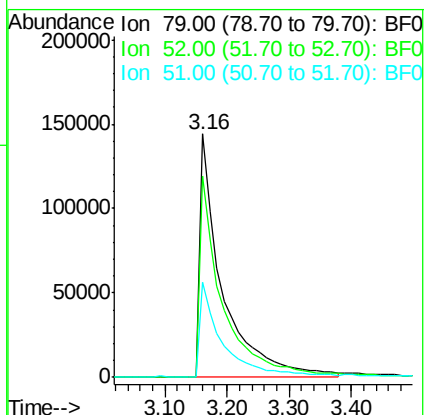
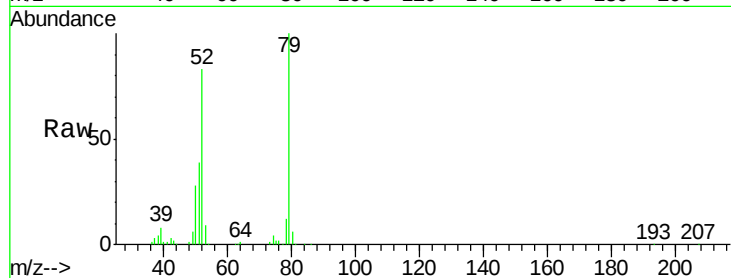
Tgt Ion: 79 Resp: 363788

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

51 39.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.93 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

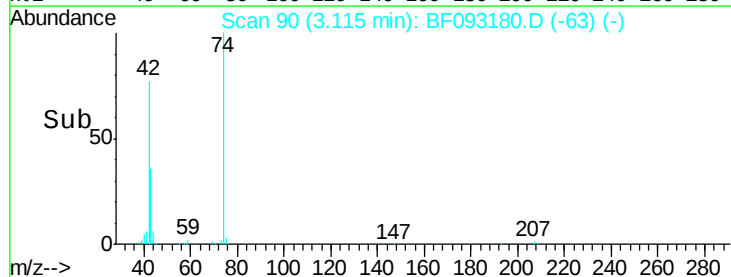
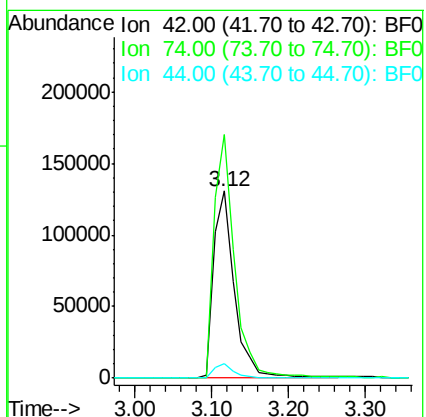
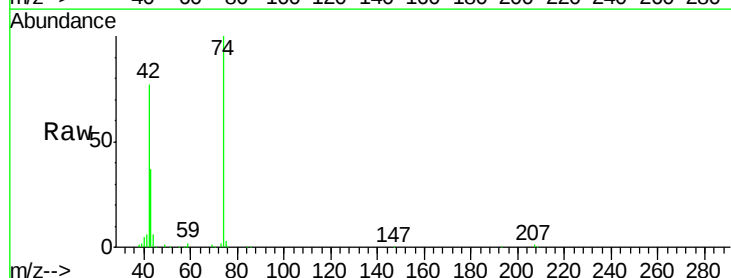
Tgt Ion: 42 Resp: 247233

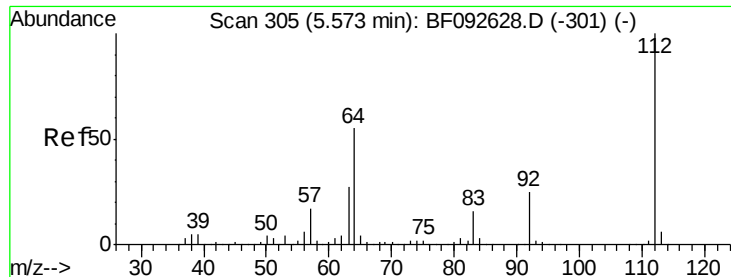
Ion Ratio Lower Upper

42 100

74 130.3 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 116.63 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

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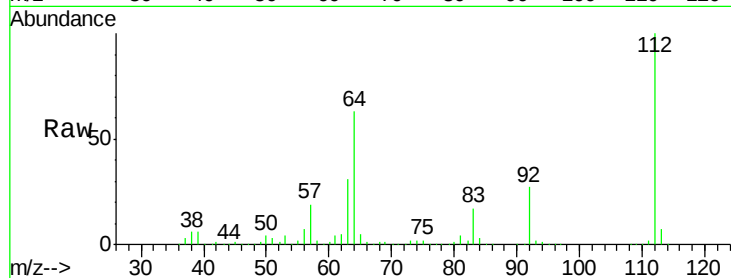
Tgt Ion: 112 Resp: 1041046

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

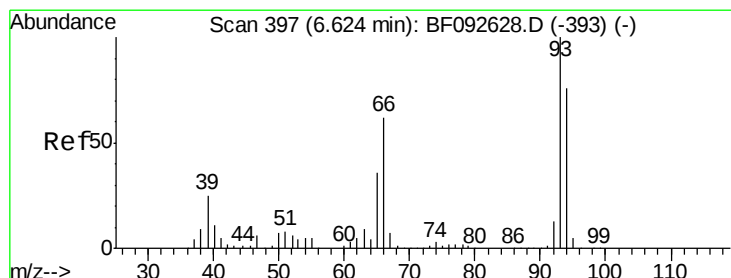
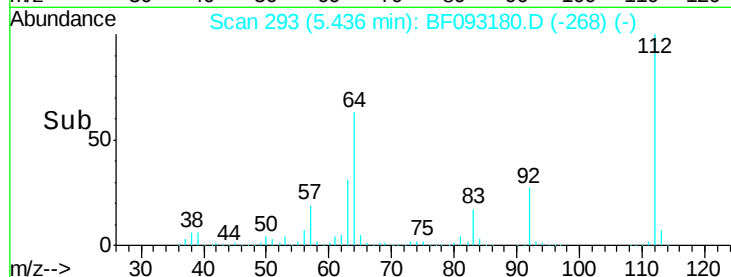
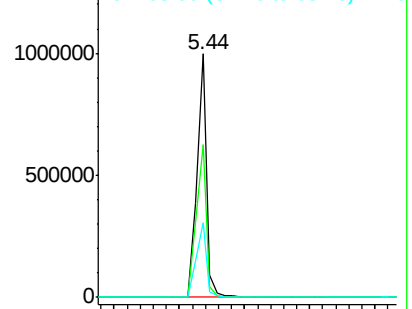
63 30.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.26 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

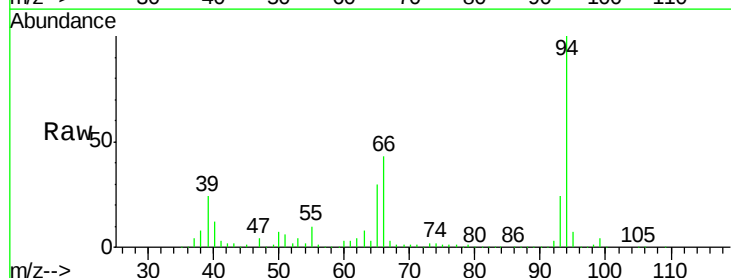
Tgt Ion: 93 Resp: 192138

Ion Ratio Lower Upper

93 100

66 181.4 76.2 114.2#

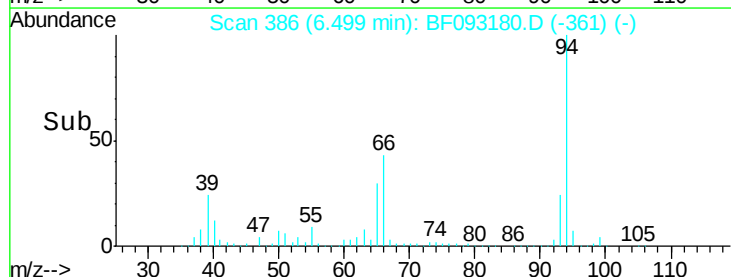
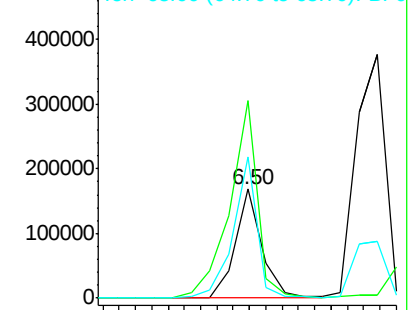
65 129.3 49.3 73.9#

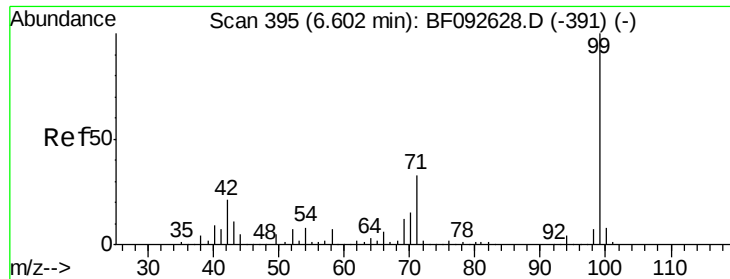


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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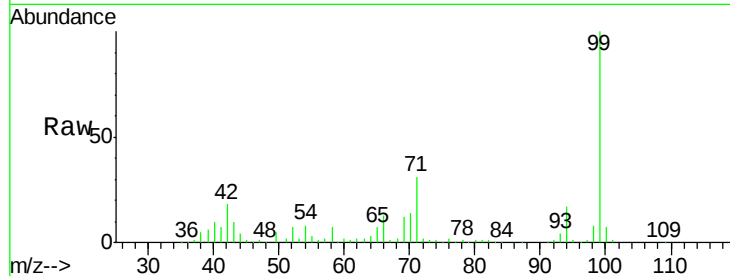
Tgt Ion: 99 Resp: 1371932

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

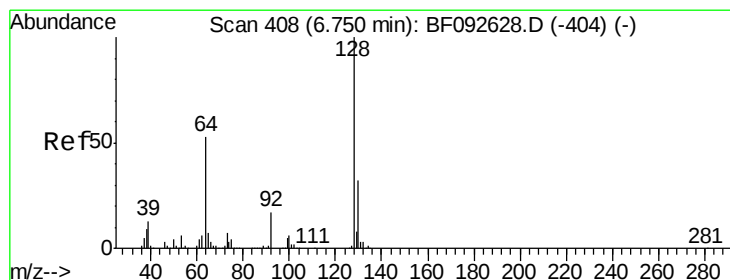
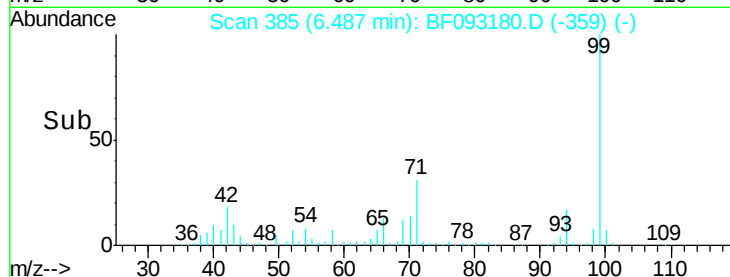
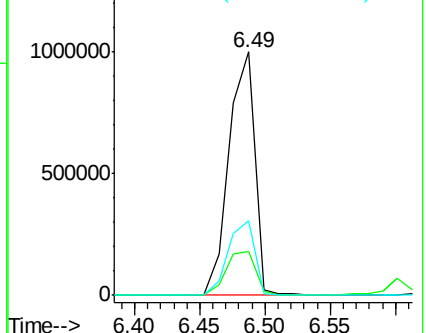
71 30.6 27.5 41.3



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: 41.62 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093180.D

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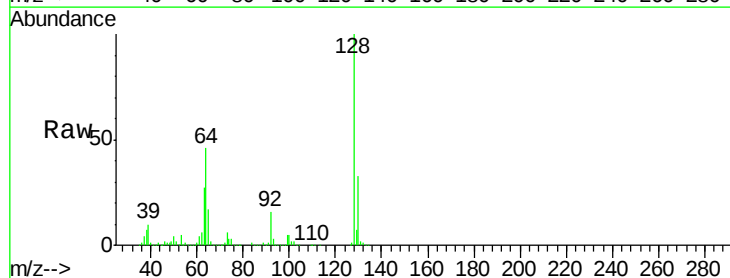
Tgt Ion: 128 Resp: 409845

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

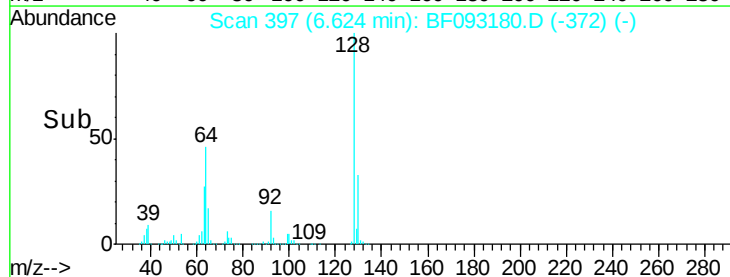
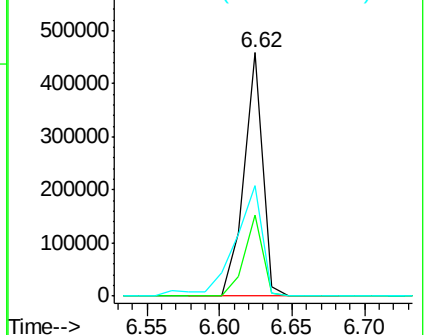
64 45.6 32.2 72.2

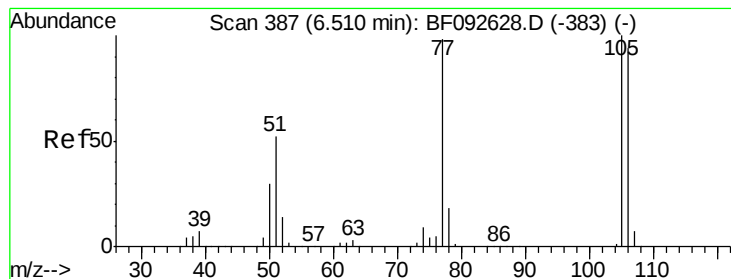


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

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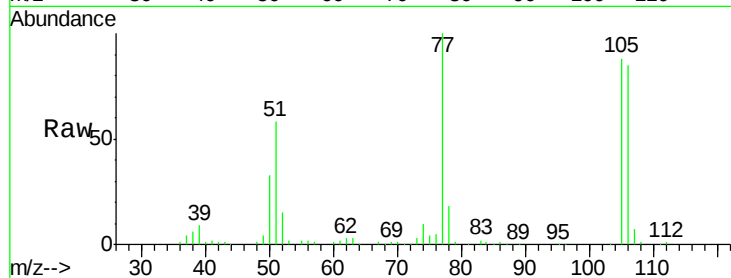
Tgt Ion: 77 Resp: 177840

Ion Ratio Lower Upper

77 100

105 88.0 83.9 123.9

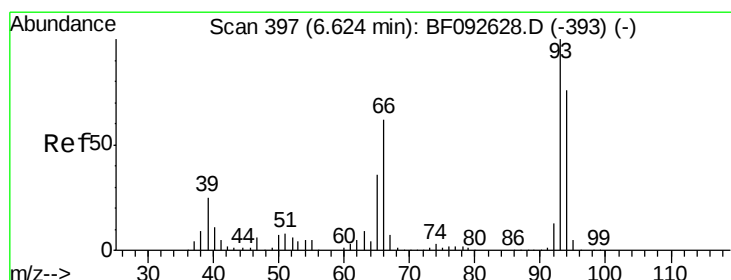
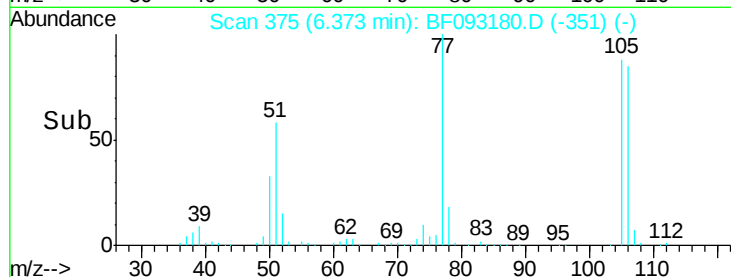
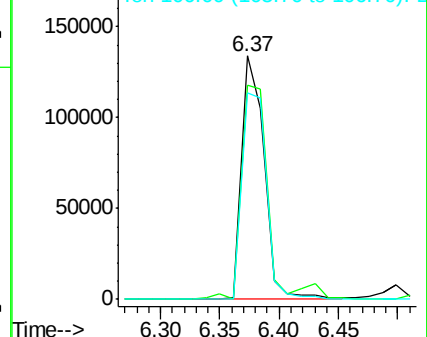
106 84.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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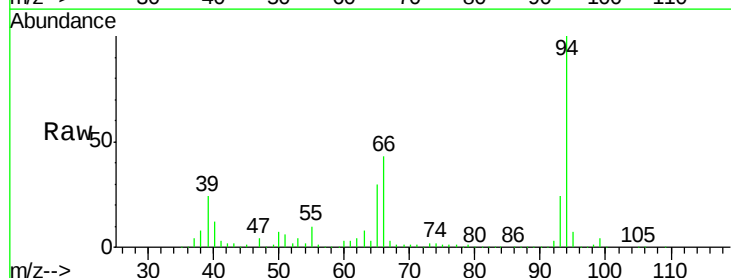
Tgt Ion: 94 Resp: 652308

Ion Ratio Lower Upper

94 100

65 30.4 21.4 61.4

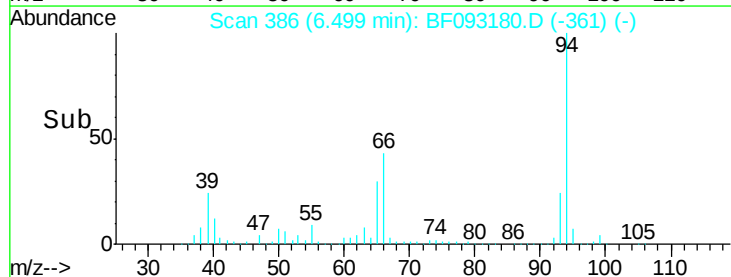
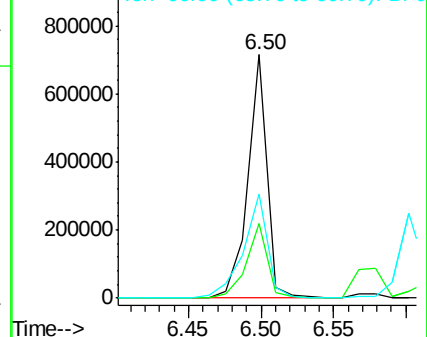
66 42.7 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

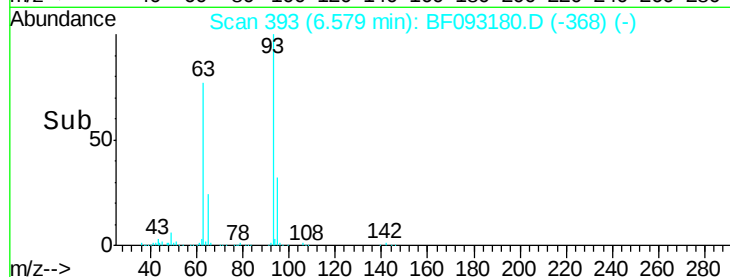
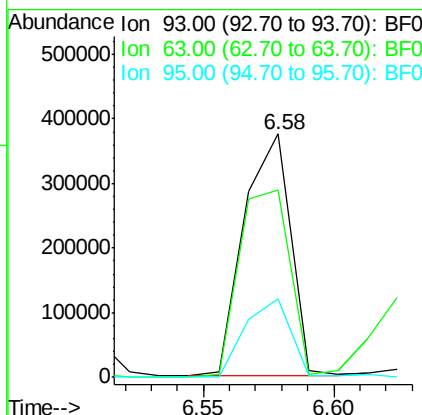
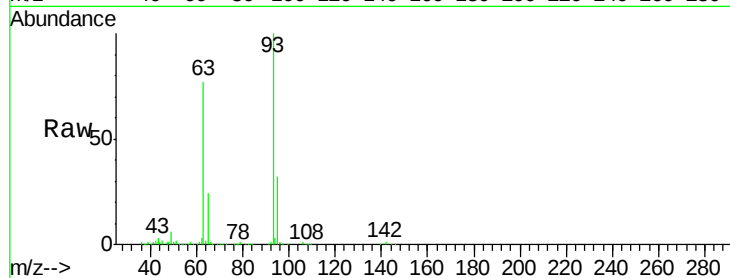




#11
bis(2-Chloroethyl)ether
Concen: 43.19 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

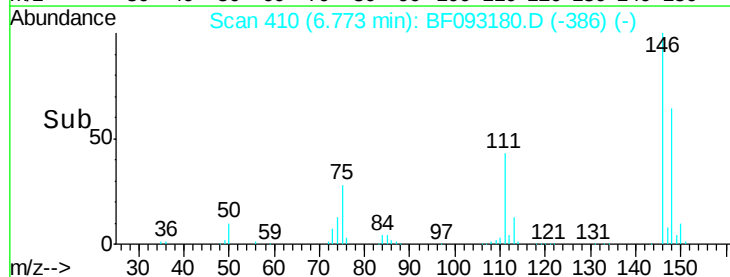
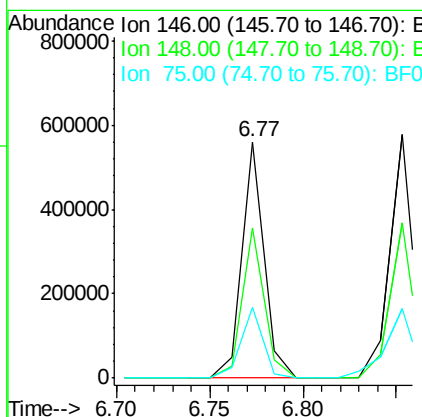
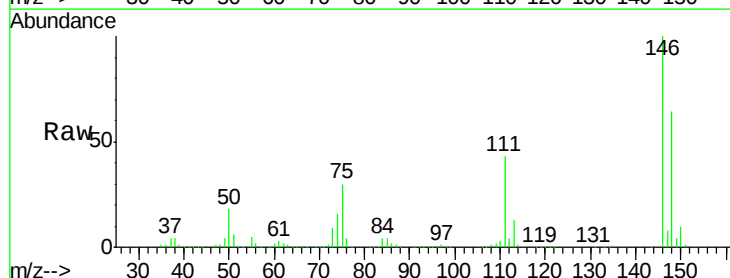
Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

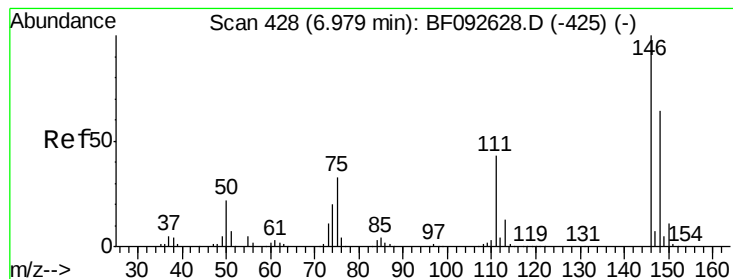
Tgt Ion: 93 Resp: 463161
Ion Ratio Lower Upper
93 100
63 77.2 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.33 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion: 146 Resp: 465132
Ion Ratio Lower Upper
146 100
148 63.8 53.4 80.0
75 29.9 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.46 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BAEMSD

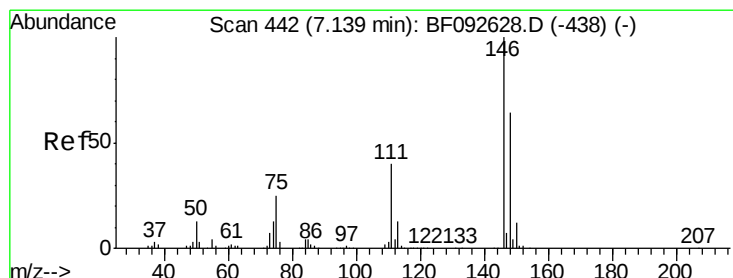
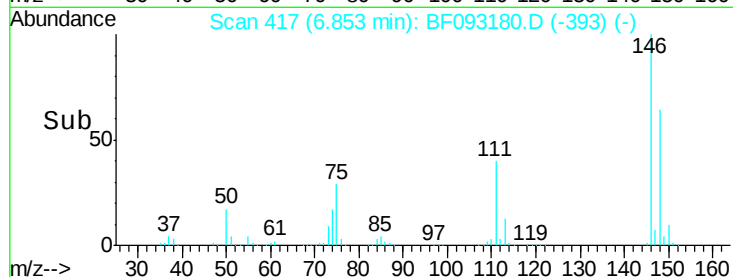
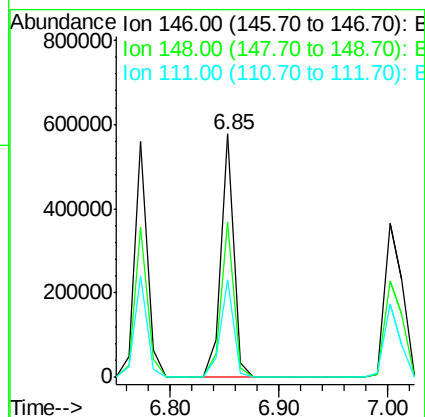
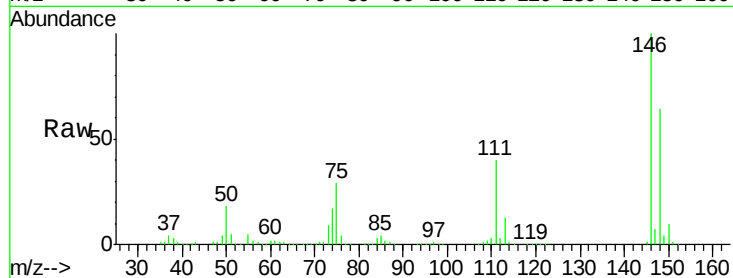
Tgt Ion:146 Resp: 483978

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 40.0 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 37.16 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

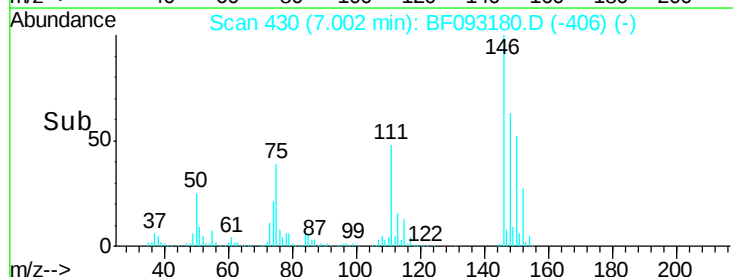
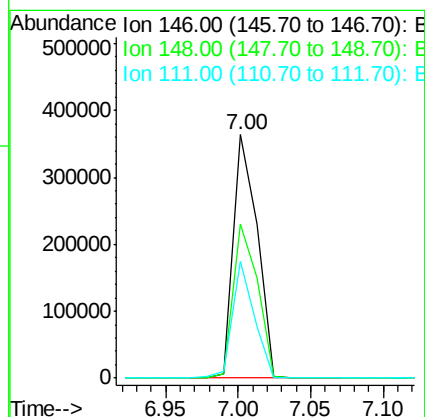
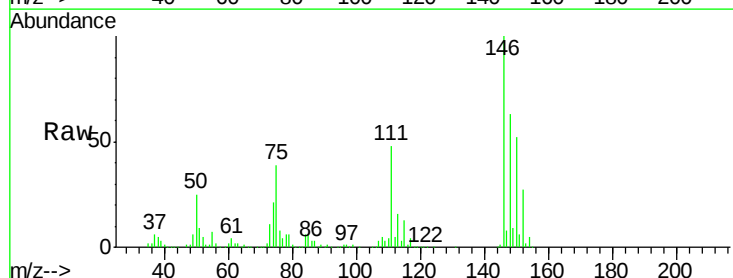
Tgt Ion:146 Resp: 414762

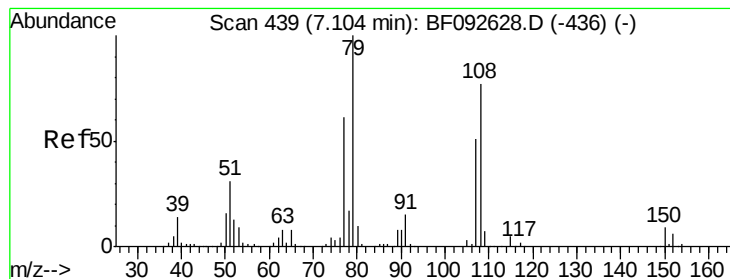
Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

111 47.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.52 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

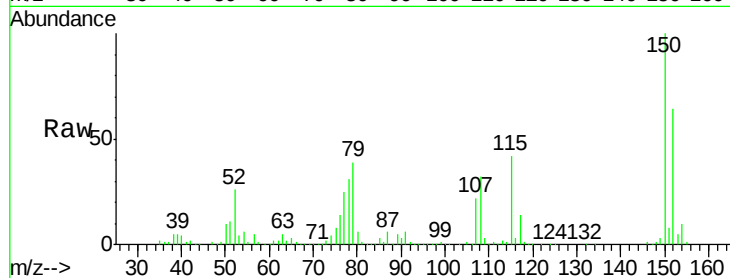
Tgt Ion: 79 Resp: 353043

Ion Ratio Lower Upper

79 100

108 80.6 61.4 92.0

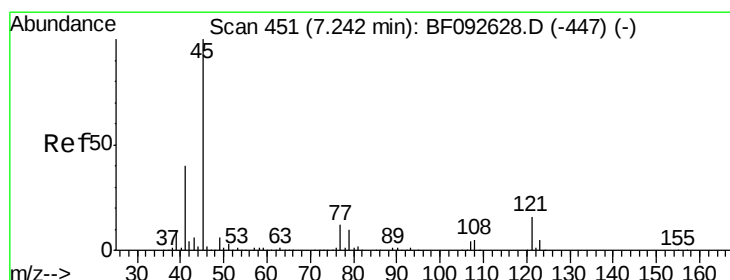
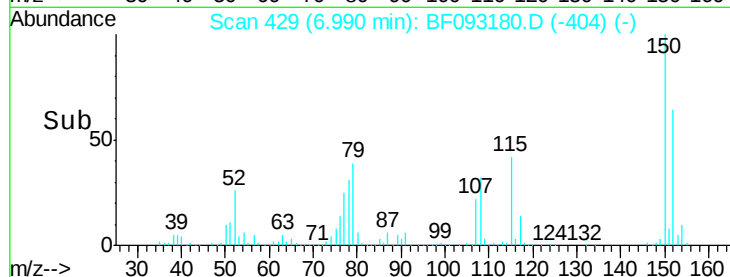
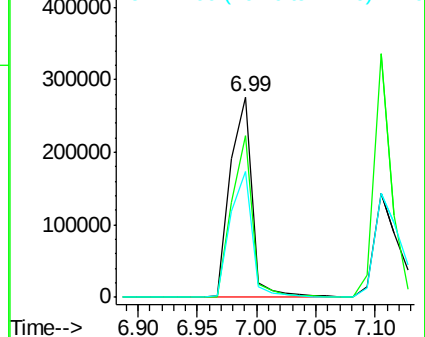
77 62.9 50.9 76.3



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: 39.91 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

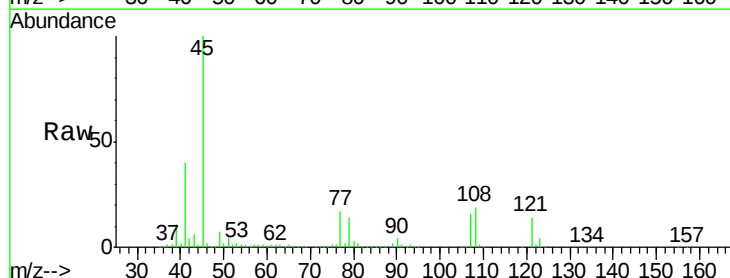
Tgt Ion: 45 Resp: 743701

Ion Ratio Lower Upper

45 100

77 16.8 0.0 34.6

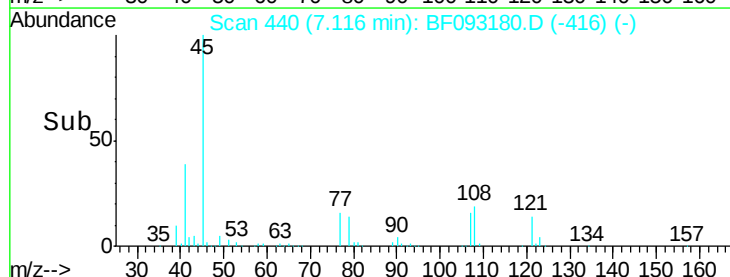
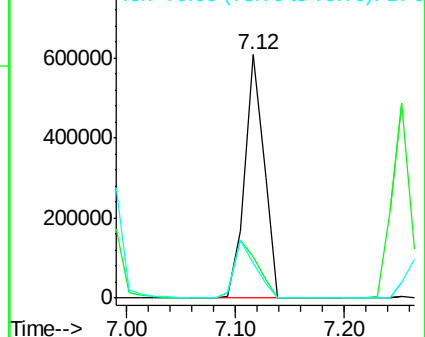
79 14.5 0.0 31.2



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

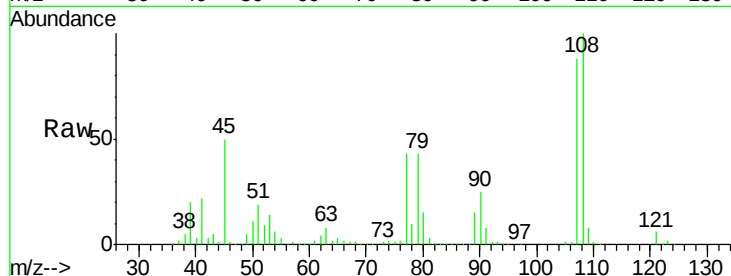




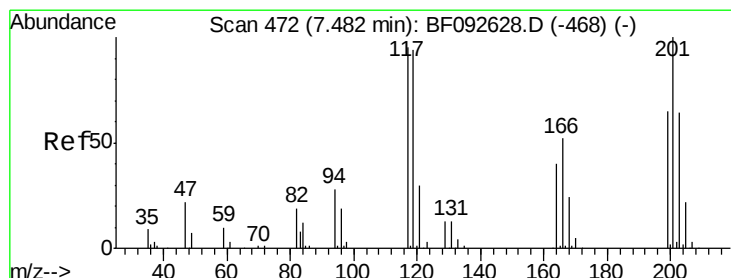
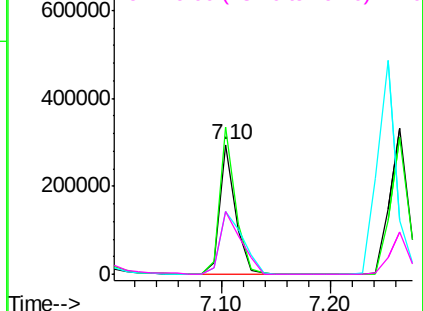
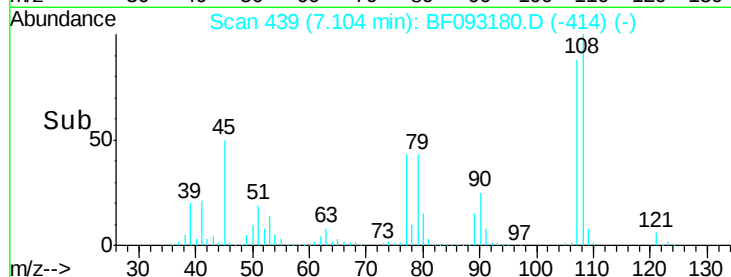
#17
2-Methylphenol
Concen: 35.05 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tgt Ion:	107	Resp:	296102
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.6
77	48.7	39.8	59.8
79	48.6	38.0	57.0

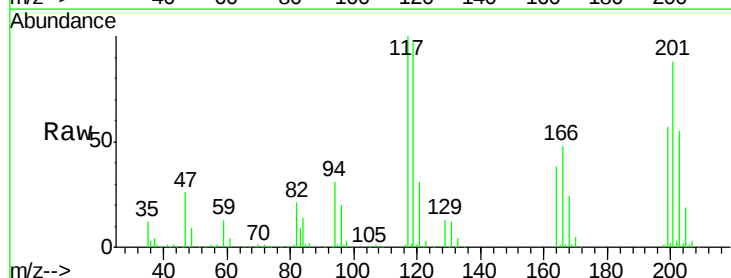


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

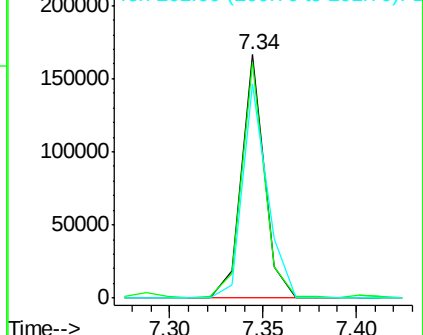
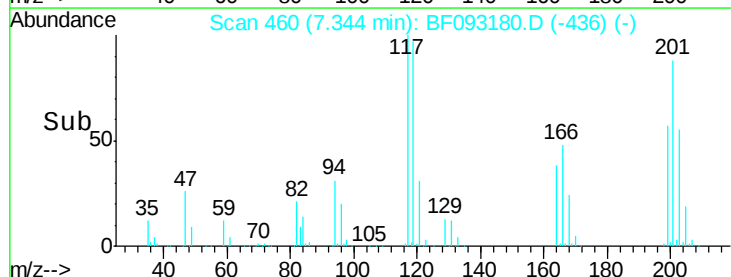


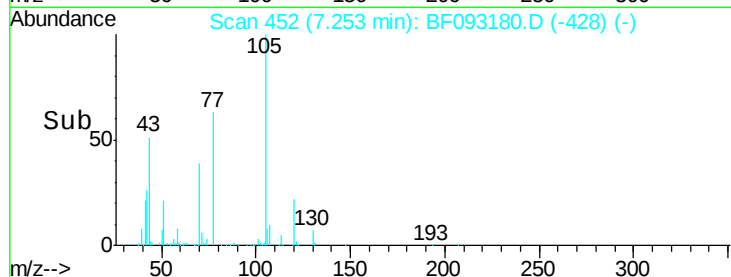
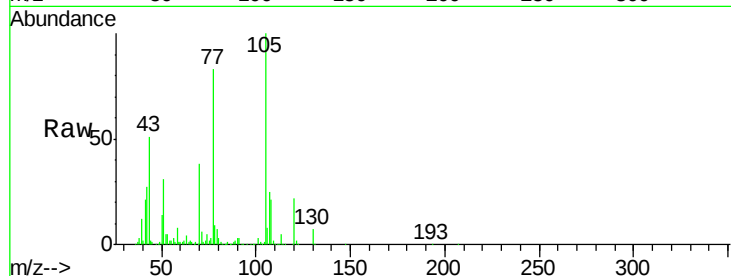
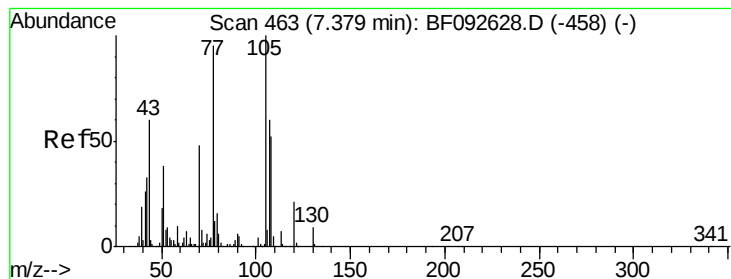
#18
Hexachloroethane
Concen: 35.48 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion:	117	Resp:	141401
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
201	87.8	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: 42.36 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

Tgt Ion: 70 Resp: 309653

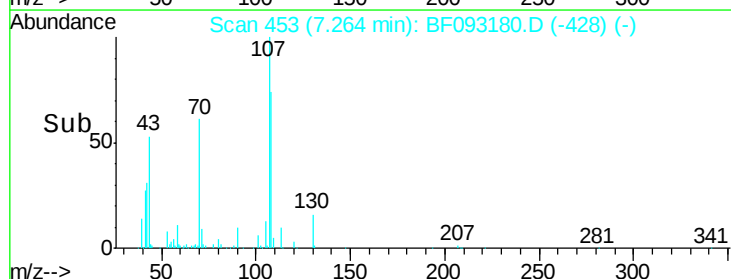
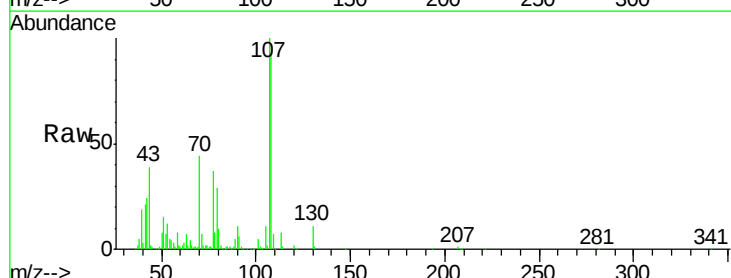
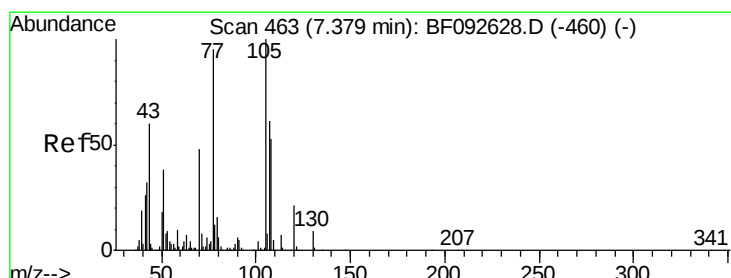
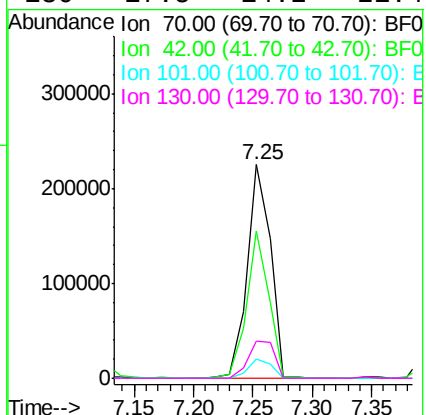
Ion Ratio Lower Upper

70 100

42 69.2 49.4 74.0

101 9.0 7.4 11.2

130 17.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 39.66 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion: 107 Resp: 400531

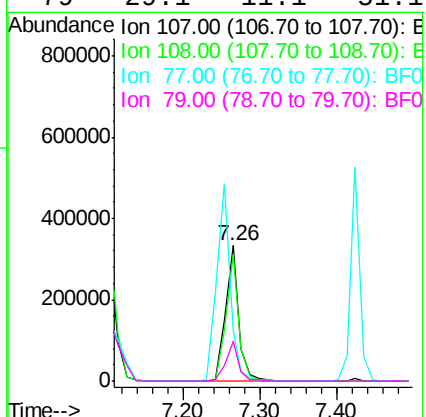
Ion Ratio Lower Upper

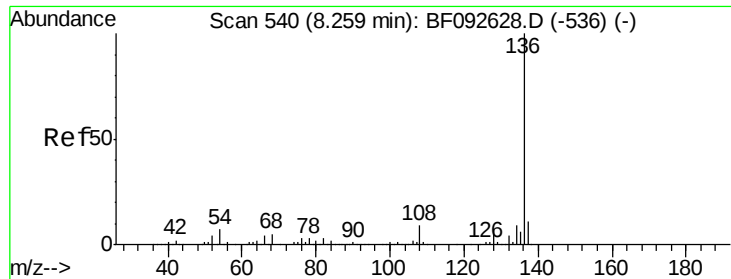
107 100

108 93.3 73.0 113.0

77 37.1 71.3 111.3#

79 29.1 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: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

Tgt Ion:136 Resp: 588875

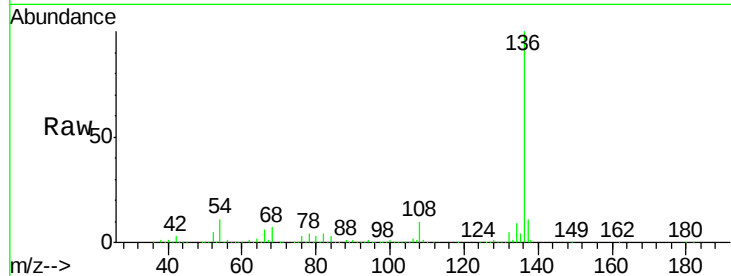
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.7 4.5 6.7#

68 7.3 3.6 5.4#

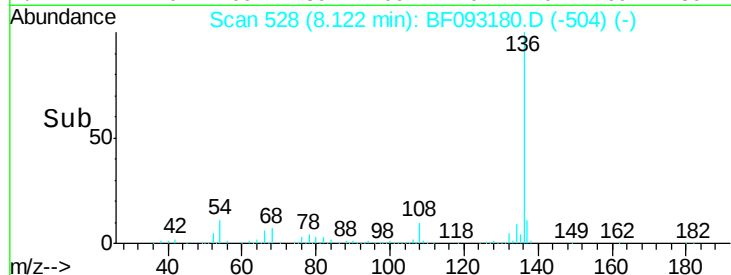


Abundance Ion 136.00 (135.70 to 136.70): E

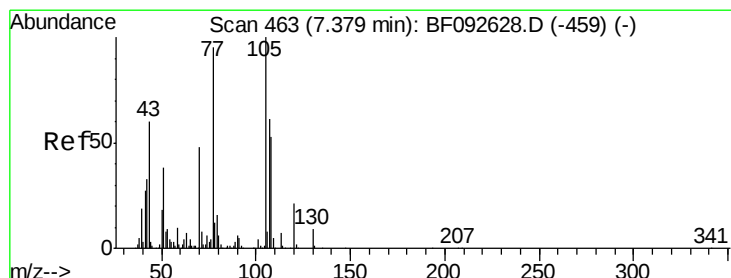
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.72 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Tgt Ion:105 Resp: 614701

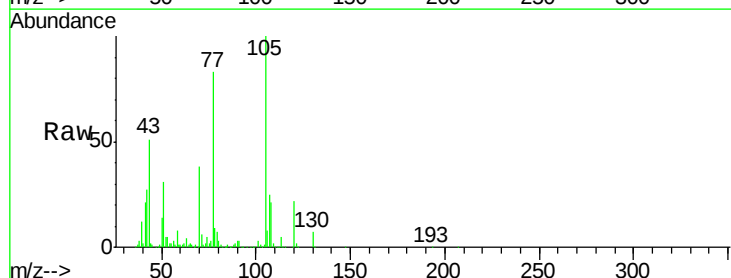
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 31.1 26.2 39.4

120 22.3 16.6 24.8

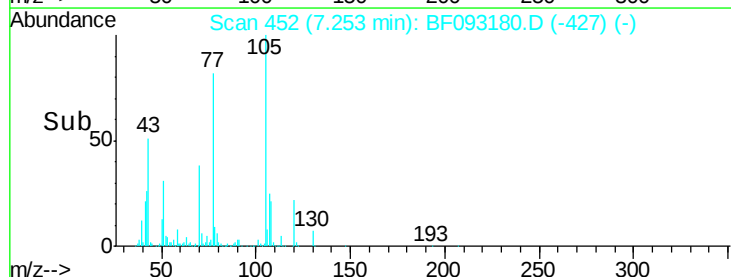


Abundance Ion 105.00 (104.70 to 105.70): E

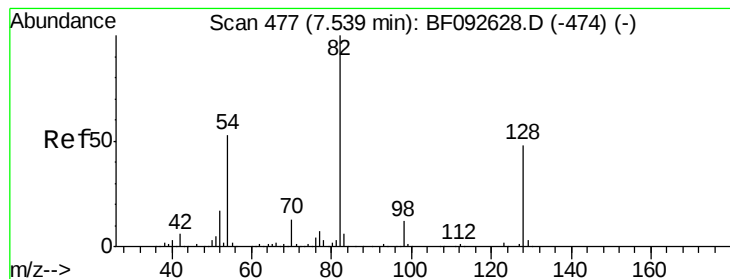
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 87.09 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

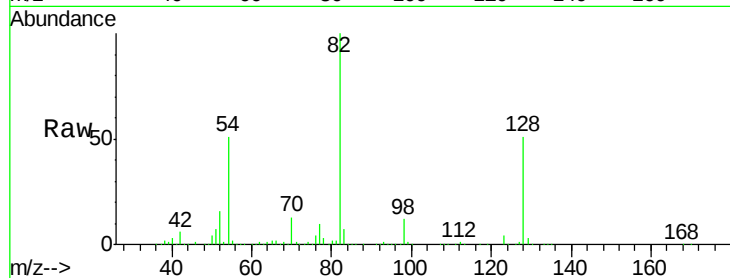
Tgt Ion: 82 Resp: 920992

Ion Ratio Lower Upper

82 100

128 51.0 34.6 52.0

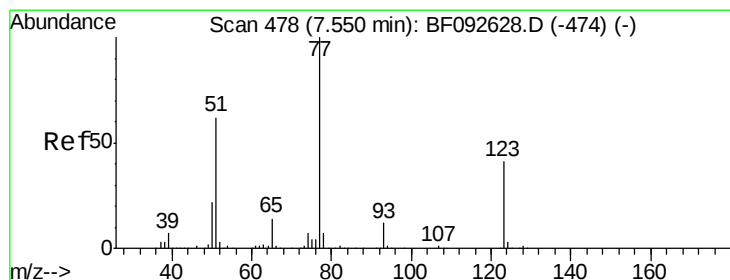
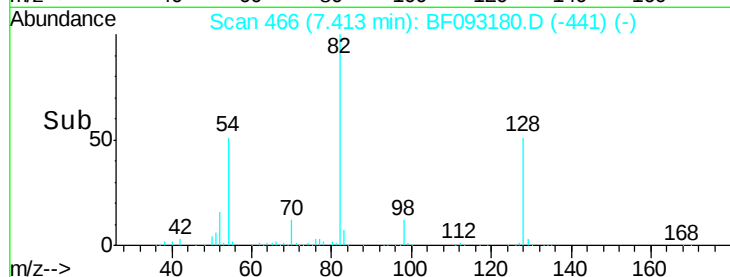
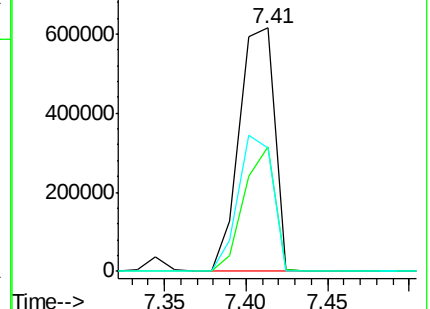
54 50.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.44 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

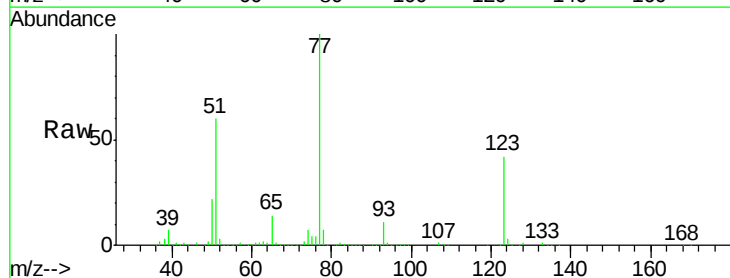
Tgt Ion: 77 Resp: 450000

Ion Ratio Lower Upper

77 100

123 42.4 33.0 49.4

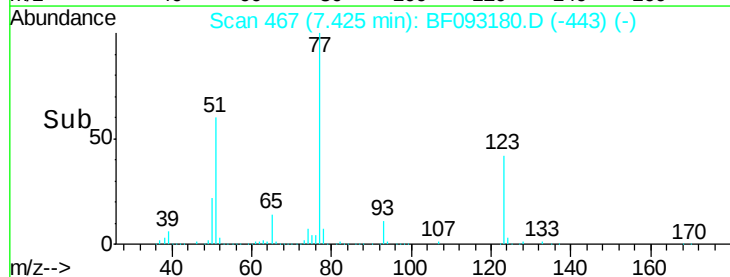
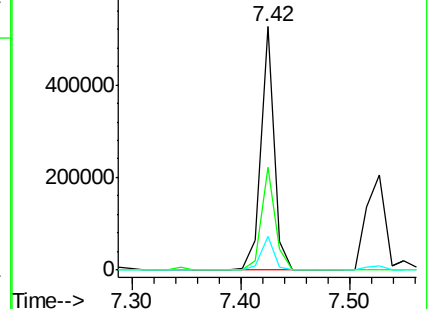
65 13.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

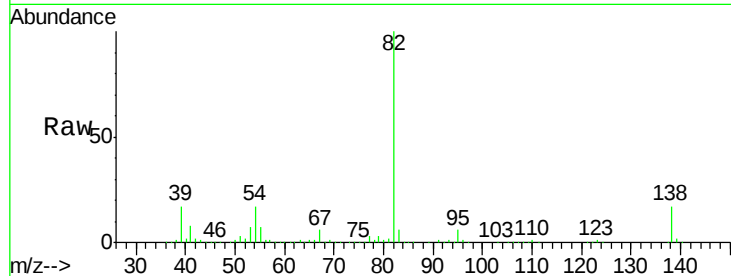




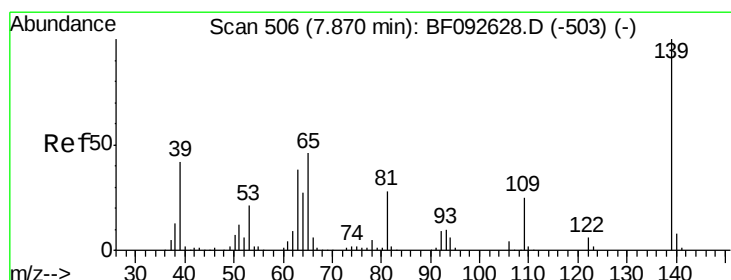
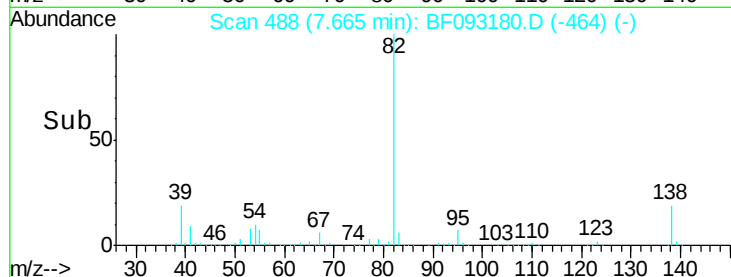
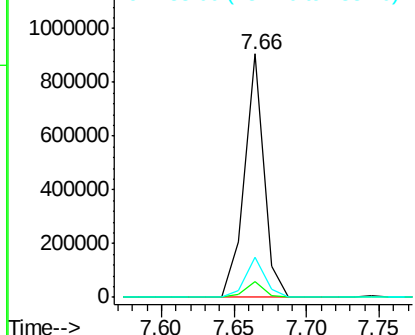
#25
Isophorone
Concen: 43.13 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tgt Ion: 82 Resp: 849974
Ion Ratio Lower Upper
82 100
95 6.4 5.6 8.4
138 16.6 14.6 22.0

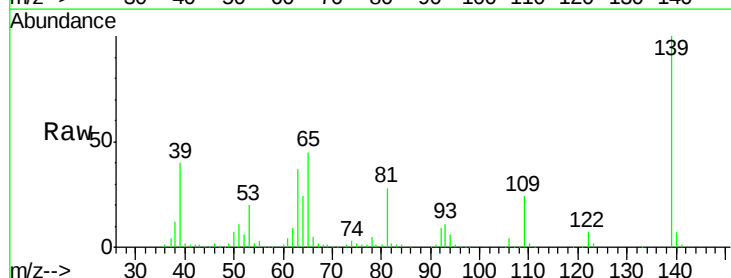


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

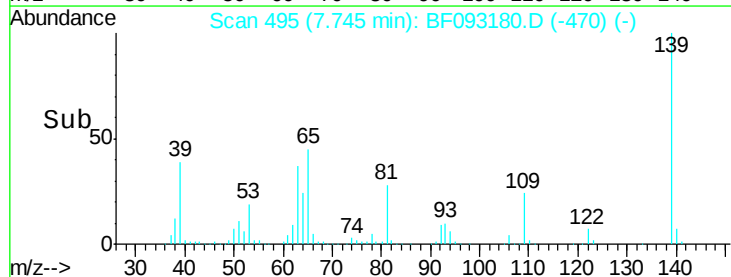
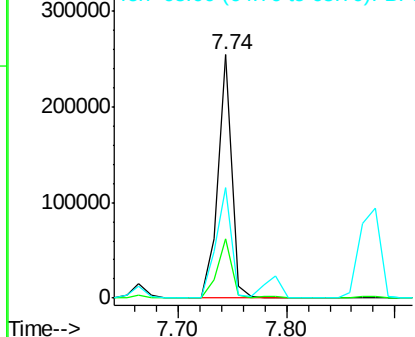


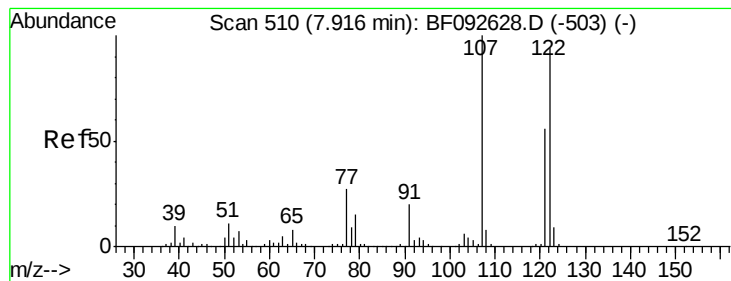
#26
2-Nitrophenol
Concen: 44.33 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion: 139 Resp: 228823
Ion Ratio Lower Upper
139 100
109 24.1 23.3 34.9
65 45.2 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 31.36 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

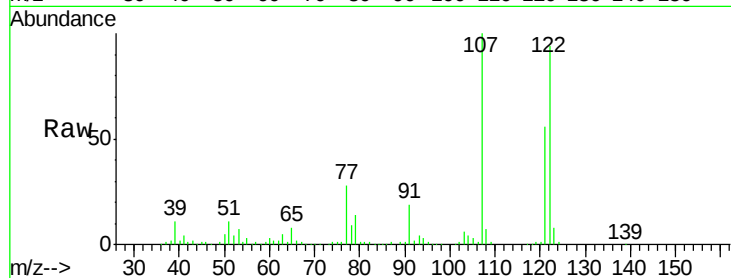
Tgt Ion:122 Resp: 284229

Ion Ratio Lower Upper

122 100

107 106.6 94.1 141.1

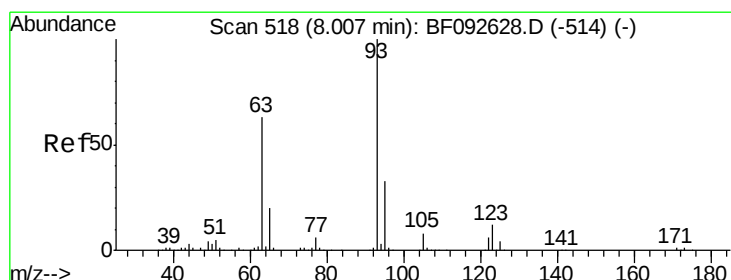
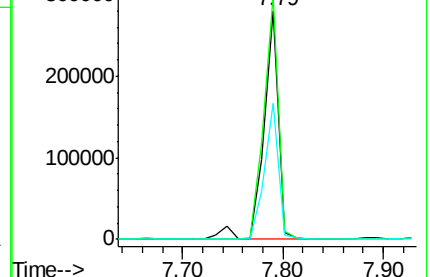
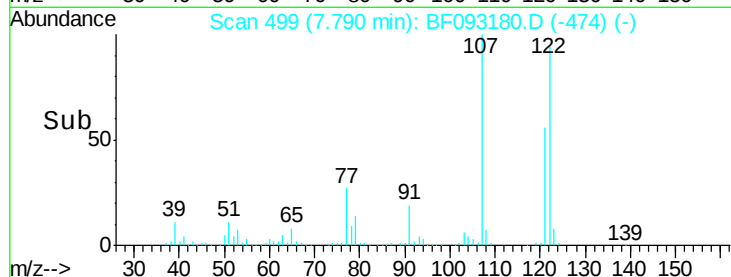
121 59.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.63 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

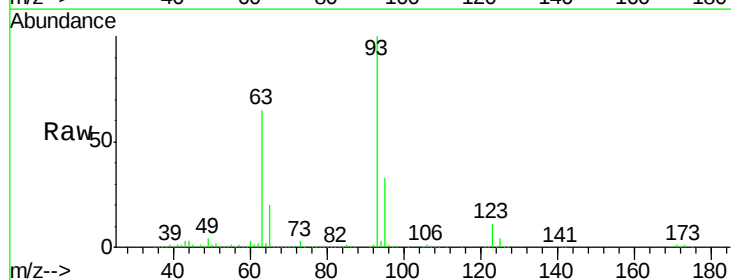
Tgt Ion: 93 Resp: 569341

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

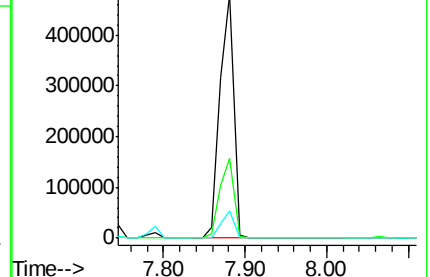
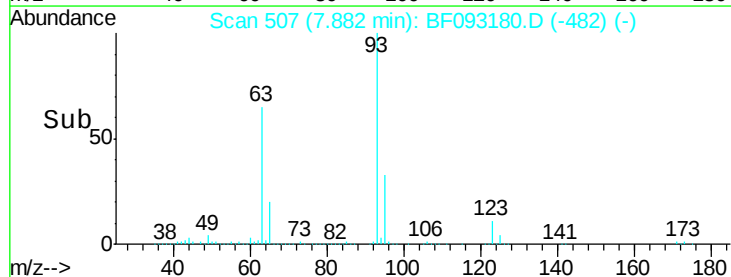
123 11.2 8.6 13.0

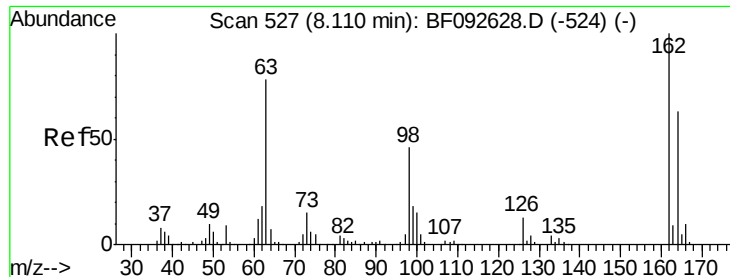


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

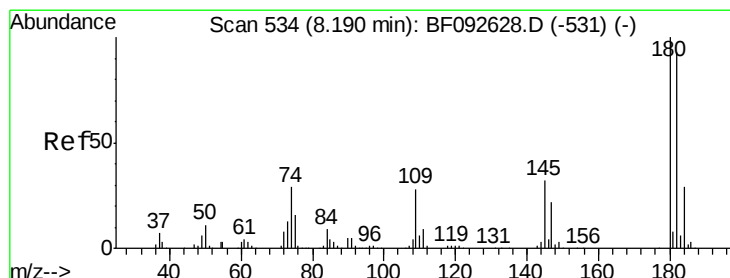
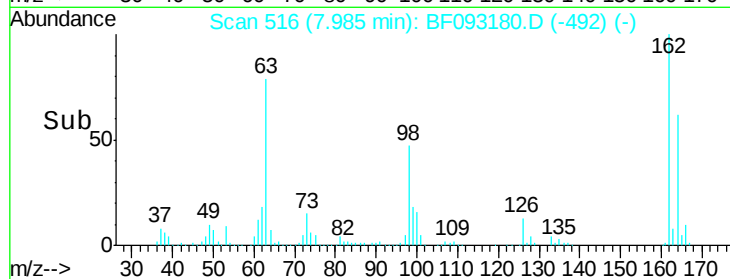
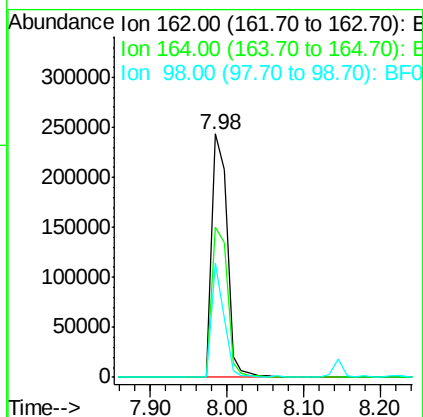
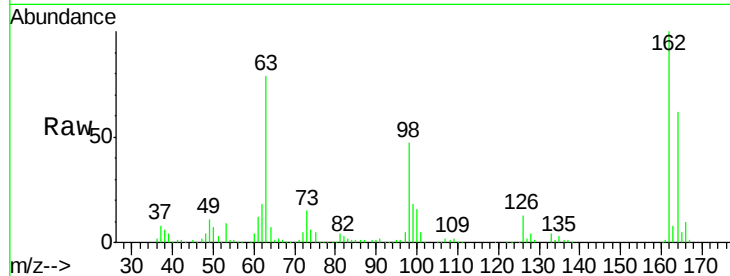




#29
2,4-Dichlorophenol
Concen: 39.73 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

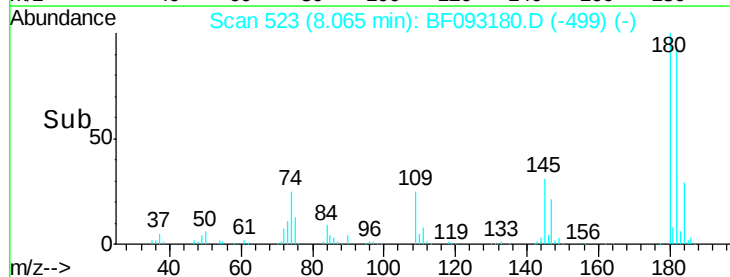
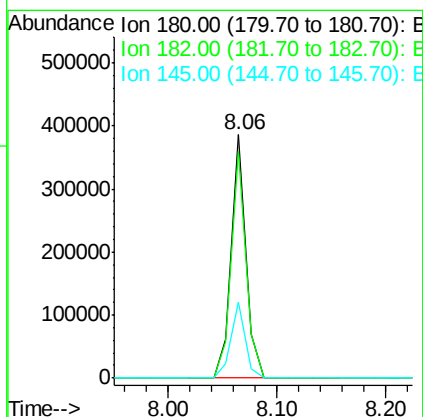
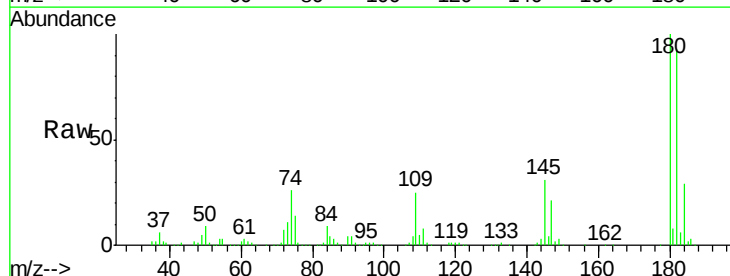
Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

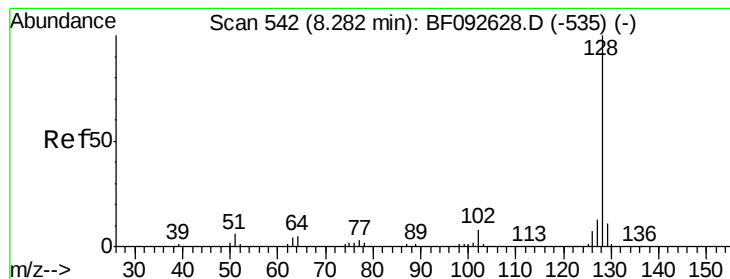
Tgt Ion:162 Resp: 335905
Ion Ratio Lower Upper
162 100
164 61.7 46.8 86.8
98 47.2 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 39.33 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion:180 Resp: 358339
Ion Ratio Lower Upper
180 100
182 93.2 78.2 117.4
145 31.0 21.6 32.4





#31

Naphthalene

Concen: 38.75 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

Instrument :

BNA_F

ClientSampleId :

E2-Z5-BASEMSD

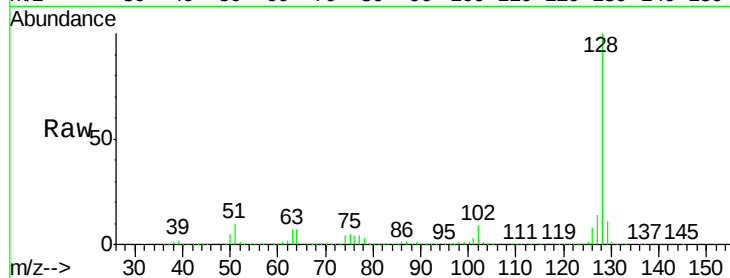
Tgt Ion:128 Resp: 1156786

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

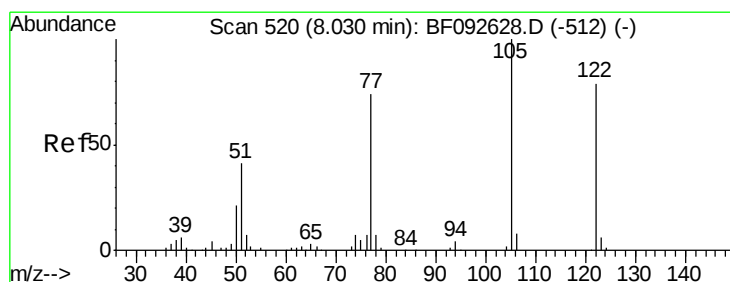
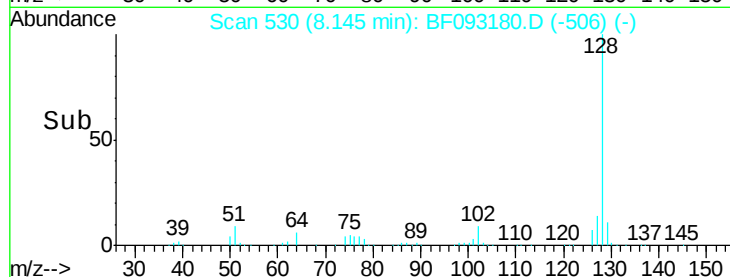
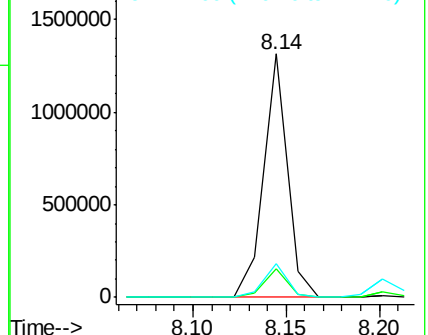
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.24 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.14 min

Lab File: BF093180.D

Acq: 25 Feb 2017 9:20

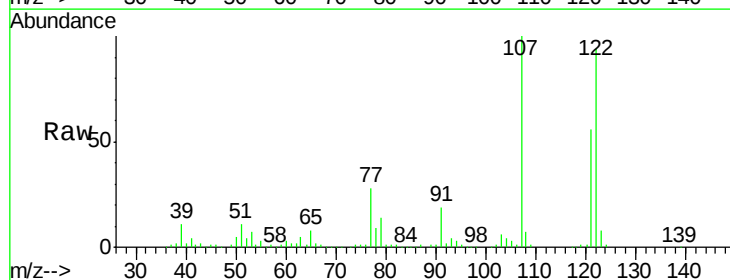
Tgt Ion:122 Resp: 284229

Ion Ratio Lower Upper

122 100

105 3.2 107.2 147.2#

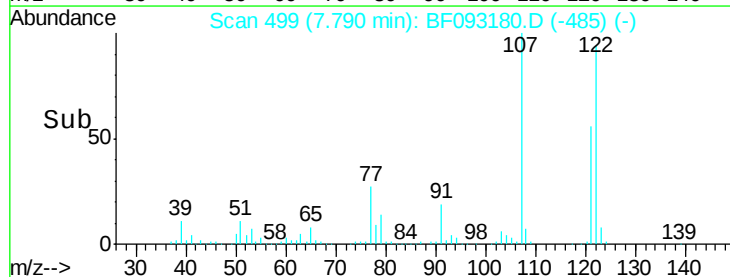
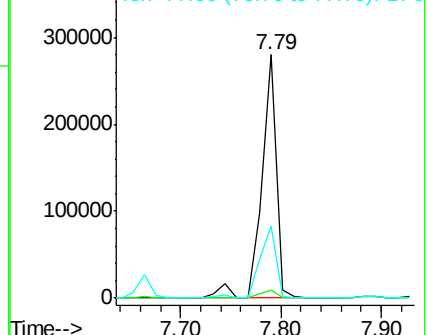
77 29.4 74.5 114.5#

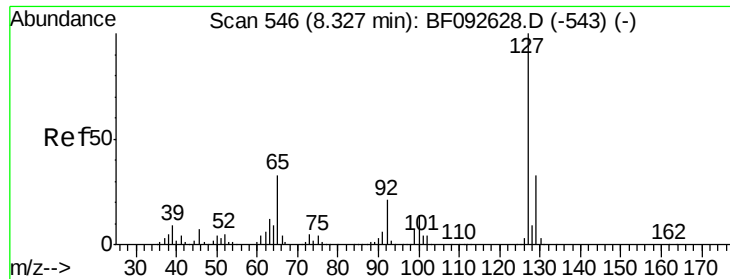


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

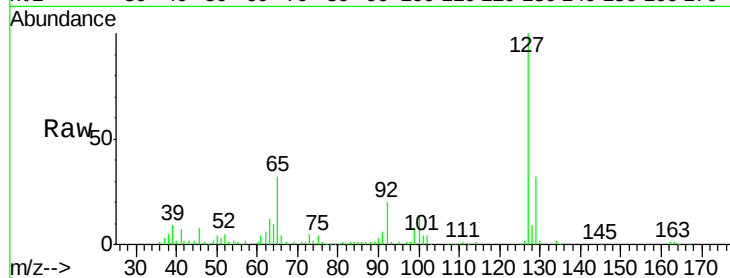




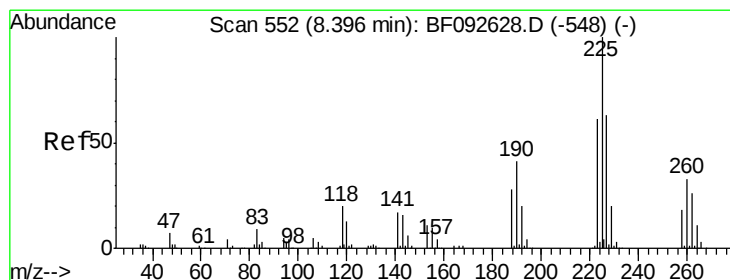
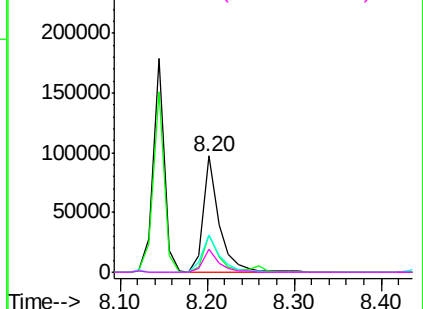
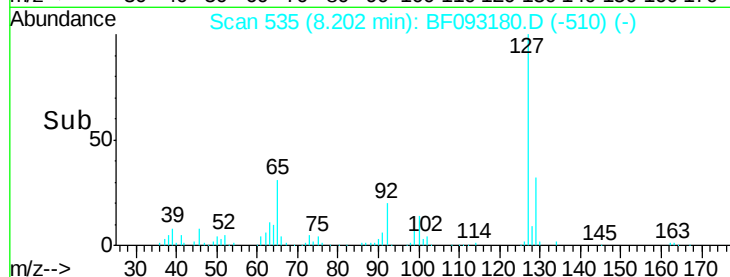
#33
4-Chloroaniline
Concen: 10.72 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tgt Ion:	127	Resp:	125525
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	31.9	25.8	38.8
92	19.8	16.1	24.1

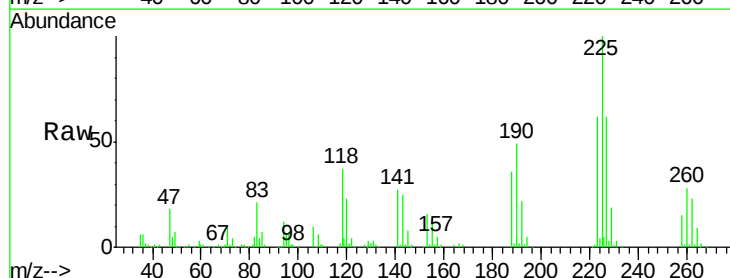


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

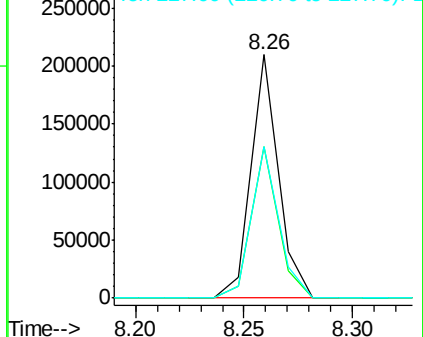
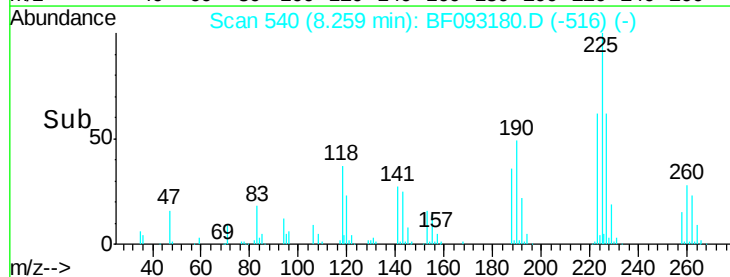


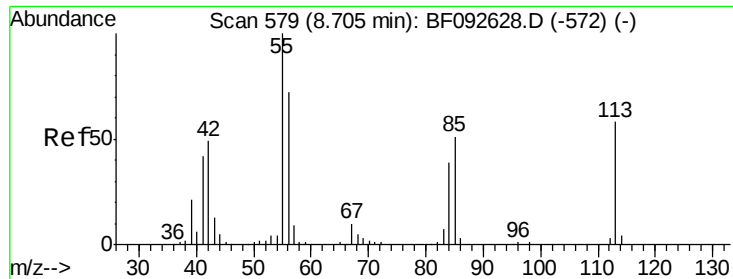
#34
Hexachlorobutadiene
Concen: 36.61 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion:	225	Resp:	183518
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	62.2	50.6	76.0



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

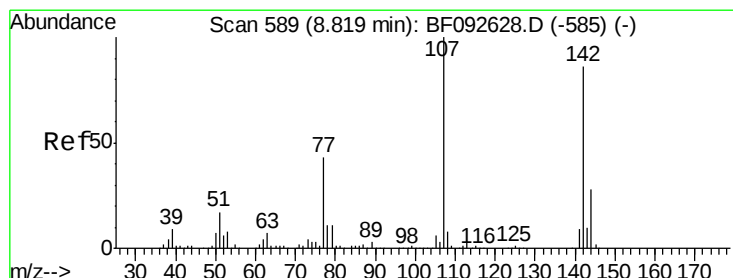
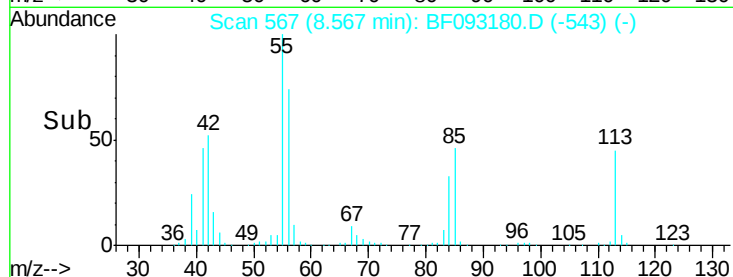
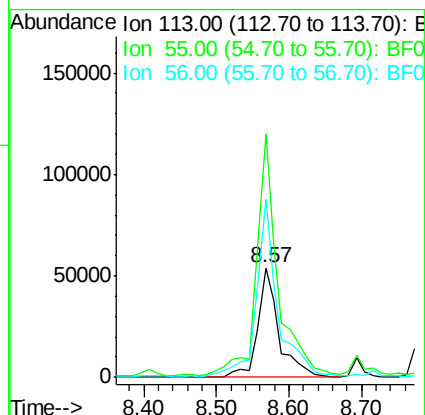
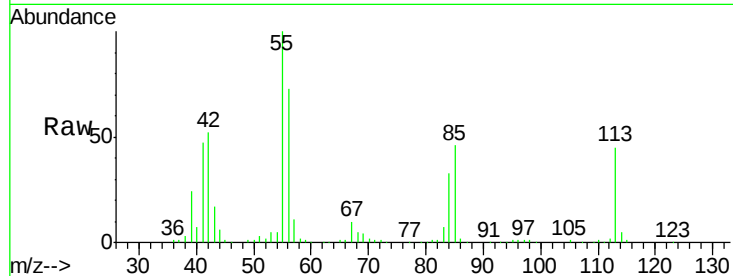




#35
 Caprolactam
 Concen: 41.61 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

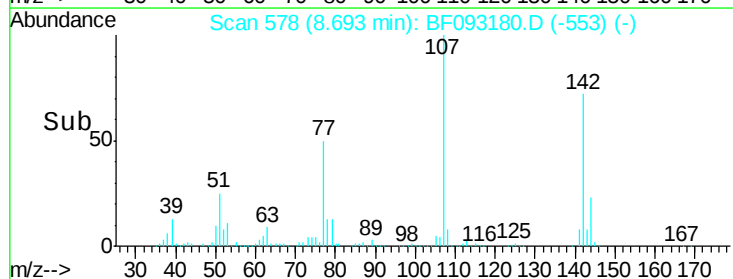
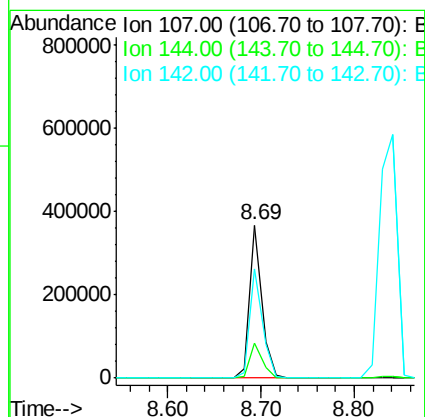
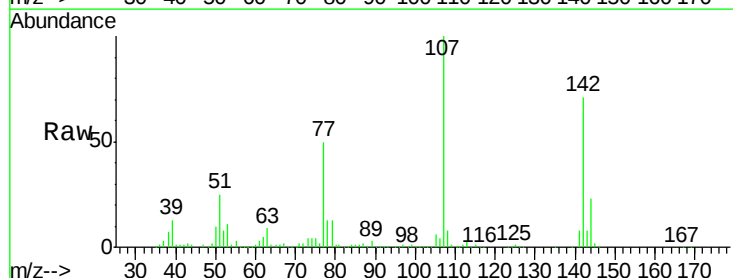
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z5-BASEMSD

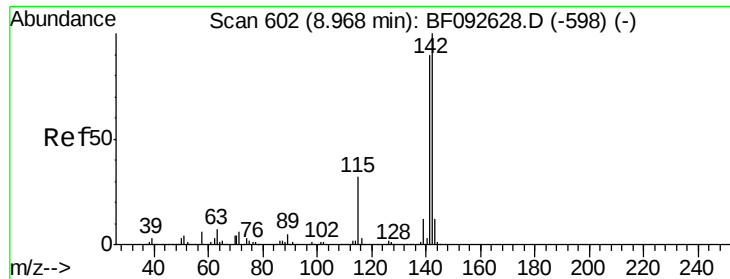
Tgt Ion:113 Resp: 110645
 Ion Ratio Lower Upper
 113 100
 55 222.9 119.2 159.2#
 56 163.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.26 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093180.D
 Acq: 25 Feb 2017 9:20

Tgt Ion:107 Resp: 337203
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 71.5 59.0 88.6

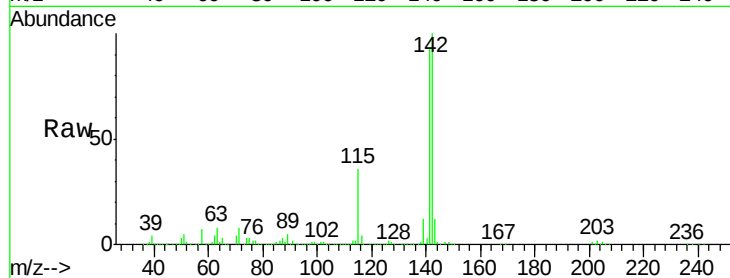




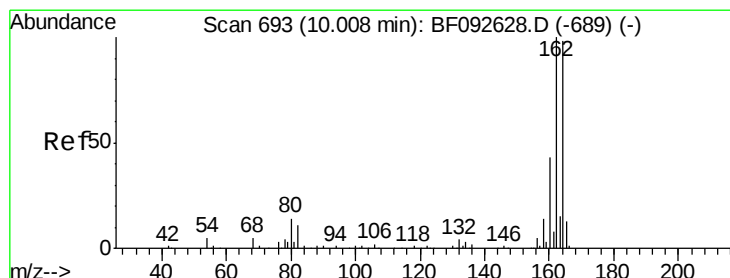
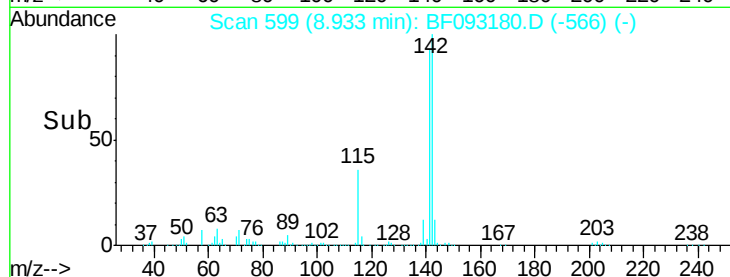
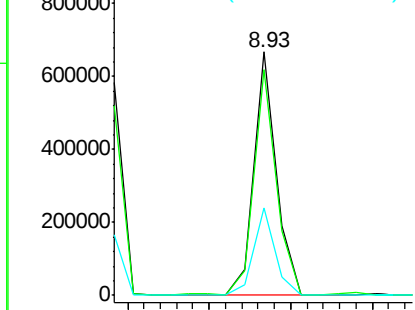
#37
2-Methylnaphthalene
Concen: 33.27 ng
RT: 8.93 min Scan# 599
Delta R.T. 0.08 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Instrument :
BNA_F
ClientSampleId :
E2-Z5-BASEMSD

Tgt Ion:142 Resp: 637732
Ion Ratio Lower Upper
142 100
141 92.8 71.0 106.6
115 35.8 28.3 42.5

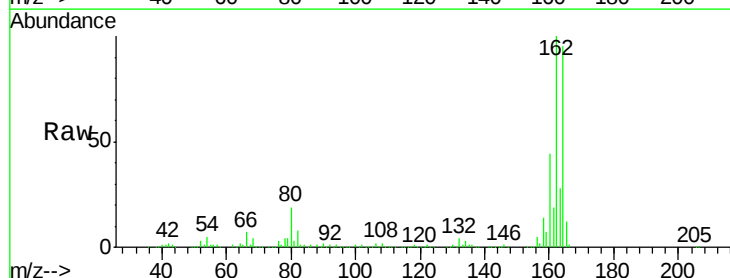


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093180.D
Acq: 25 Feb 2017 9:20

Tgt Ion:164 Resp: 259018
Ion Ratio Lower Upper
164 100
162 105.1 80.2 120.2
160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

