

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093459.D
 Acq On : 9 Mar 2017 6:43
 Operator : SJ/MA
 Sample : I2103-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Quant Time: Mar 09 07:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178863	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	723778	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	299556	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	427925	20.00	ng	0.01
75) Chrysene-d12	13.93	240	372400	20.00	ng	0.01
86) Perylene-d12	15.35	264	293970	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1210369	112.63	ng	0.02
7) Phenol-d6	6.42	99	1465708	108.15	ng	0.01
23) Nitrobenzene-d5	7.34	82	958597	73.49	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	215222	110.28	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1462712	90.82	ng	0.00
78) Terphenyl-d14	12.87	244	936209	65.36	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	192594	32.54	ng	# 72
3) Pyridine	3.12	79	324012	21.47	ng	89
4) n-Nitrosodimethylamine	3.04	42	263804	36.60	ng	92
6) Aniline	6.44	93	143380	7.71	ng	# 1
8) 2-Chlorophenol	6.56	128	429629	35.68	ng	94
9) Benzaldehyde	6.33	77	30667	2.30	ng	97
10) Phenol	6.44	94	566443	34.11	ng	82
11) bis(2-Chloroethyl)ether	6.50	93	453774	33.81	ng	94
12) 1,3-Dichlorobenzene	6.94	146	426972	30.98	ng	96
13) 1,4-Dichlorobenzene	6.78	146	481966	34.16	ng	99
14) 1,2-Dichlorobenzene	6.94	146	435636	34.86	ng	96
15) Benzyl Alcohol	6.93	79	358841	37.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	781617	35.06	ng	63
17) 2-Methylphenol	7.05	107	349921	34.36	ng	# 87
18) Hexachloroethane	7.27	117	152928	32.13	ng	91
19) n-Nitroso-di-n-propylamine	7.19	70	354431	38.04	ng	95
20) 3+4-Methylphenols	7.21	107	492284	37.27	ng	# 72
22) Acetophenone	7.19	105	643376	36.94	ng	# 92
24) Nitrobenzene	7.36	77	526260	35.90	ng	95
25) Isophorone	7.60	82	924429	35.14	ng	95
26) 2-Nitrophenol	7.68	139	217401	32.50	ng	92
27) 2,4-Dimethylphenol	7.73	122	372121	34.20	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	572278	34.46	ng	100
29) 2,4-Dichlorophenol	7.93	162	376786	36.81	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	386694	35.52	ng	97
31) Naphthalene	8.08	128	1247928	34.41	ng	99
32) Benzoic acid	7.88	122	168251	29.76	ng	95
33) 4-Chloroaniline	8.15	127	115506	7.85	ng	97
34) Hexachlorobutadiene	8.20	225	201516	35.94	ng	99
35) Caprolactam	8.52	113	98280	28.11	ng	# 28
36) 4-Chloro-3-methylphenol	8.64	107	378728	34.66	ng	98
37) 2-Methylnaphthalene	8.77	142	757076	32.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	354909	43.39	ng	99
40) Hexachlorocyclopentadiene	8.92	237	14674	18.12	ng	98

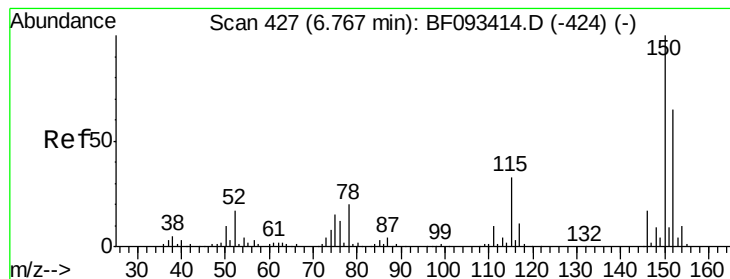
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	218386	42.73	ng	93
43) 2,4,5-Trichlorophenol	9.11	196	211278	38.53	ng	93
45) 1,1'-Biphenyl	9.24	154	978537	44.84	ng	99
46) 2-Chloronaphthalene	9.26	162	735501	44.03	ng	97
47) 2-Nitroaniline	9.37	65	267971	45.38	ng	# 79
48) Acenaphthylene	9.67	152	1050334	38.13	ng	98
49) Dimethylphthalate	9.53	163	858724	43.24	ng	99
50) 2,6-Dinitrotoluene	9.61	165	177553	40.74	ng	89
51) Acenaphthene	9.84	154	649428	39.87	ng	96
52) 3-Nitroaniline	9.78	138	122408	23.38	ng	86
53) 2,4-Dinitrophenol	9.92	184	10994	5.54	ng	# 73
54) Dibenzofuran	10.01	168	899188	44.10	ng	98
55) 4-Nitrophenol	10.01	139	509082	200.20	ng	# 9
56) 2,4-Dinitrotoluene	10.02	165	196152	36.64	ng	# 74
57) Fluorene	10.36	166	697806	40.39	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	140828	36.39	ng	99
59) Diethylphthalate	10.23	149	784880	41.35	ng	100
60) 4-Chlorophenyl-phenylether	10.34	204	321857	41.56	ng	92
61) 4-Nitroaniline	10.39	138	175249	32.73	ng	94
62) Azobenzene	10.50	77	897373	41.61	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	10824	3.90	ng	# 5
65) n-Nitrosodiphenylamine	10.47	169	627429	43.91	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	185636	41.02	ng	91
67) Hexachlorobenzene	10.90	284	161246	37.32	ng	# 84
68) Atrazine	11.00	200	119398	28.55	ng	99
69) Pentachlorophenol	11.11	266	112702	75.54	ng	97
70) Phenanthrene	11.32	178	871834	35.69	ng	99
71) Anthracene	11.37	178	926923	37.51	ng	98
72) Carbazole	11.53	167	821516	35.39	ng	98
73) Di-n-butylphthalate	11.85	149	1120343	41.72	ng	# 97
74) Fluoranthene	12.51	202	826251	35.02	ng	96
76) Benzidine	12.63	184	169002	13.80	ng	96
77) Pyrene	12.73	202	843589	31.15	ng	98
79) Butylbenzylphthalate	13.35	149	397690	34.88	ng	# 77
80) Benzo(a)anthracene	13.92	228	770829	35.05	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	211343	27.44	ng	# 95
82) Chrysene	13.96	228	675739	33.21	ng	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	576612	36.28	ng	# 99
84) Di-n-octyl phthalate	14.52	149	1050707	39.67	ng	96
85) Indeno(1,2,3-cd)pyrene	16.72	276	537964	31.59	ng	# 92
87) Benzo(b)fluoranthene	14.97	252	1346584	75.21	ng	98
88) Benzo(k)fluoranthene	14.97	252	1346584	77.99	ng	97
89) Benzo(a)pyrene	15.29	252	613995	37.52	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	463128	34.21	ng	# 95
91) Benzo(g,h,i)perylene	17.13	276	443735	31.94	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

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WC-B46-B47-001MS

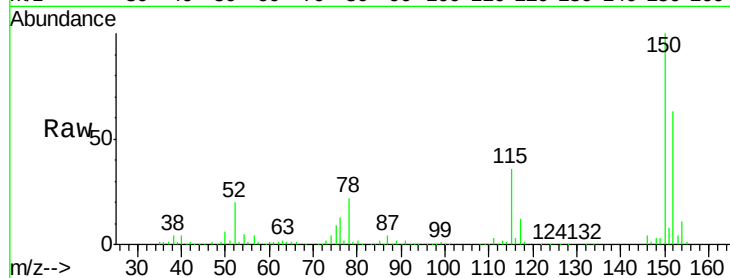
Tgt Ion:152 Resp: 178863

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

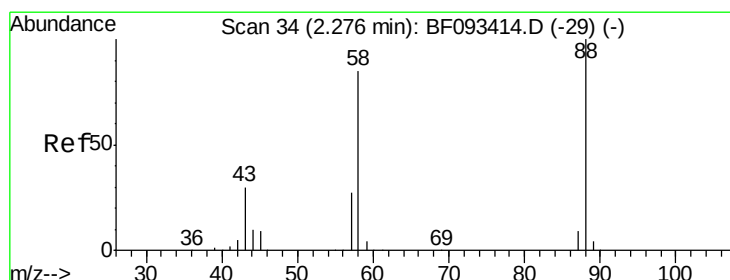
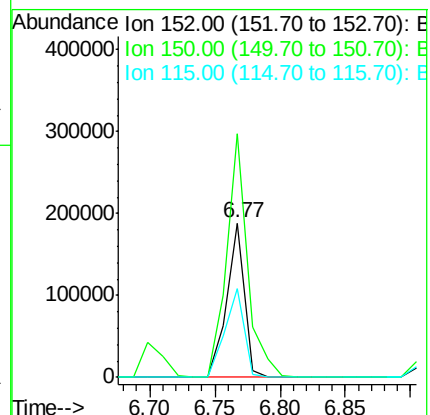
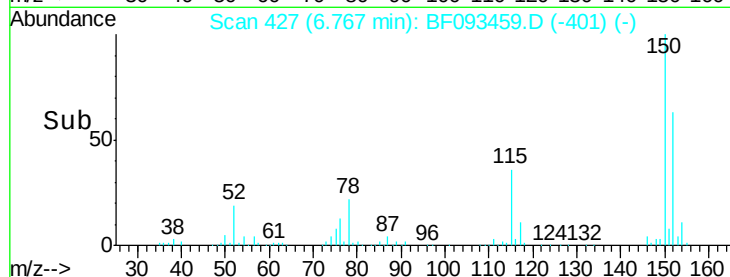
115 57.5 46.0 69.0



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: 32.54 ng

RT: 2.41 min Scan# 46

Delta R.T. 0.14 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

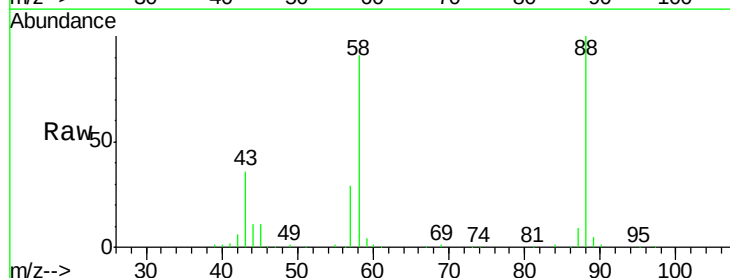
Tgt Ion: 88 Resp: 192594

Ion Ratio Lower Upper

88 100

58 88.1 57.8 86.8#

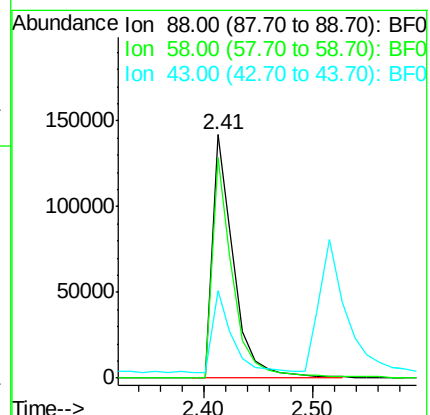
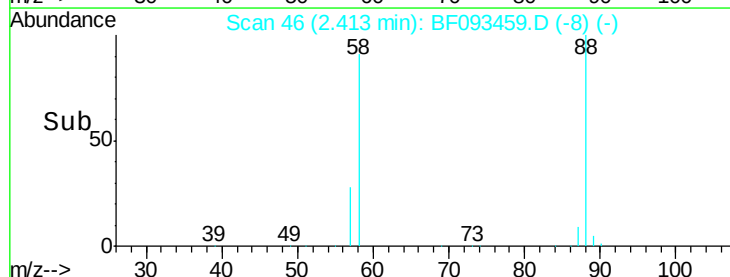
43 0.0 22.3 33.5#

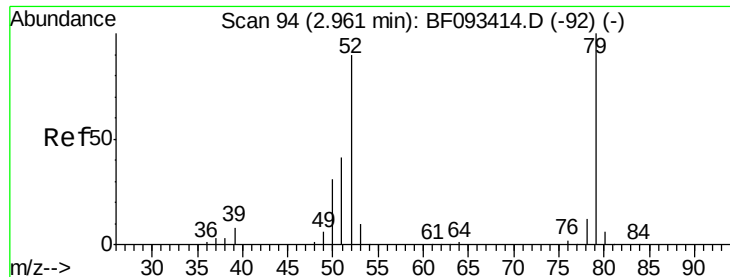


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.47 ng

RT: 3.12 min Scan# 108

Delta R.T. 0.16 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

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ClientSampleId :

WC-B46-B47-001MS

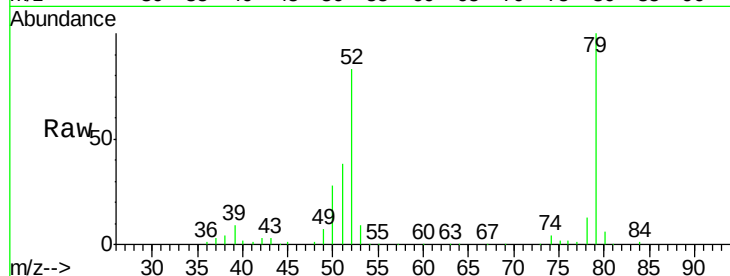
Tgt Ion: 79 Resp: 324012

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

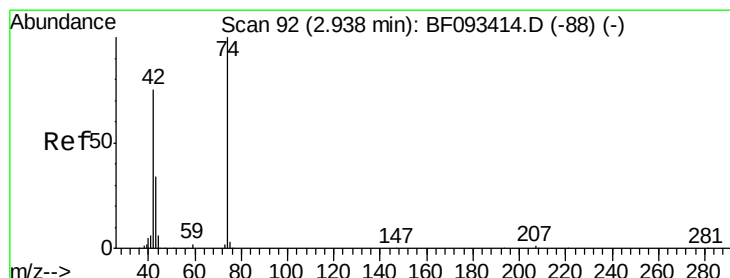
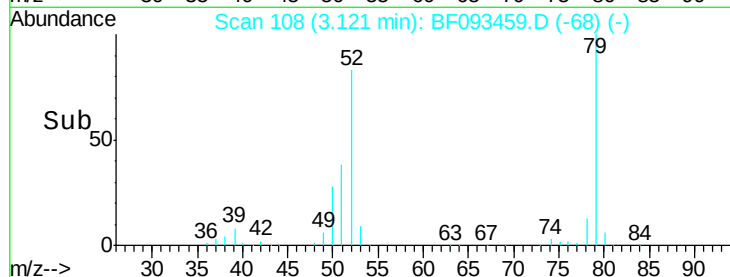
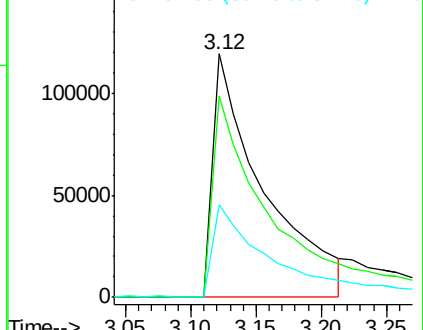
51 38.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.60 ng

RT: 3.04 min Scan# 101

Delta R.T. 0.10 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

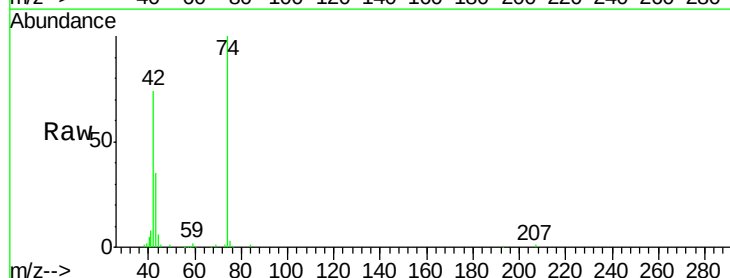
Tgt Ion: 42 Resp: 263804

Ion Ratio Lower Upper

42 100

74 135.4 117.0 175.4

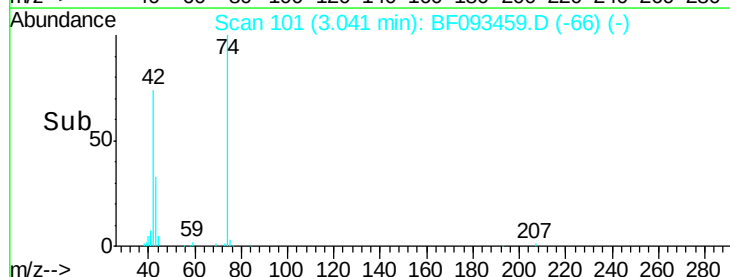
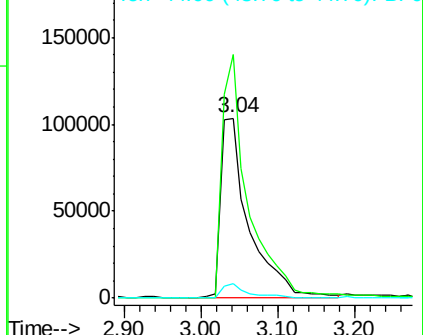
44 7.8 5.5 8.3

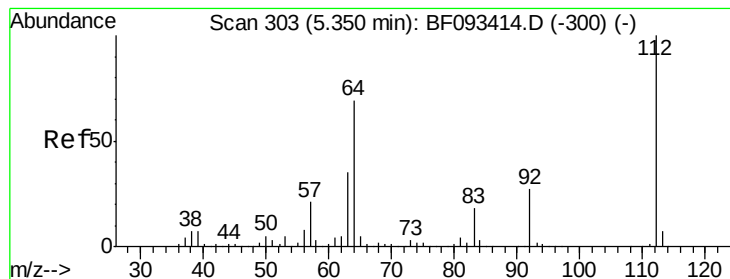


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.63 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

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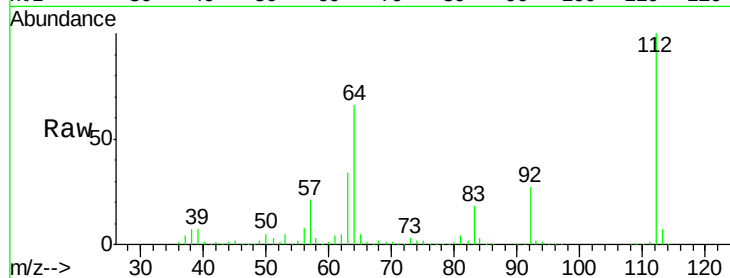
Tgt Ion:112 Resp: 1210369

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

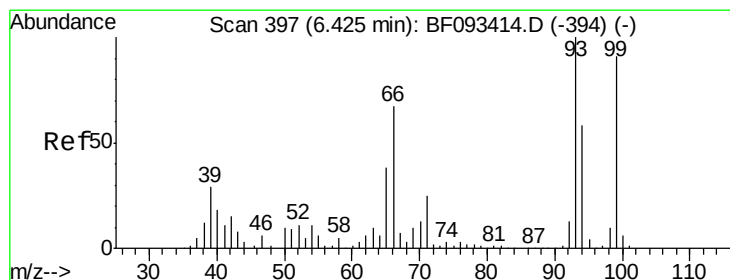
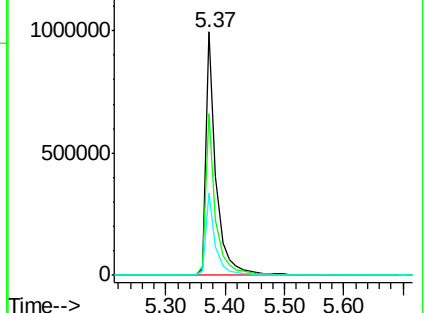
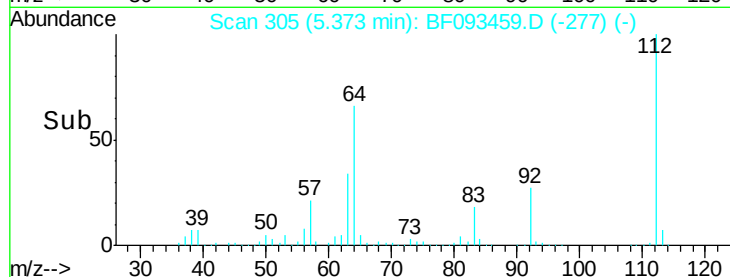
63 33.9 23.8 35.6



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: 7.71 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

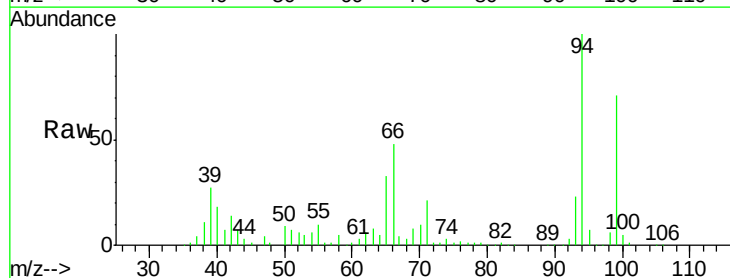
Tgt Ion: 93 Resp: 143380

Ion Ratio Lower Upper

93 100

66 209.1 76.2 114.2#

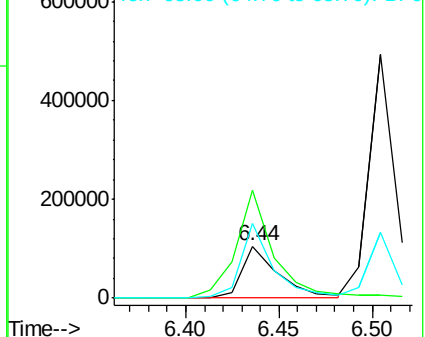
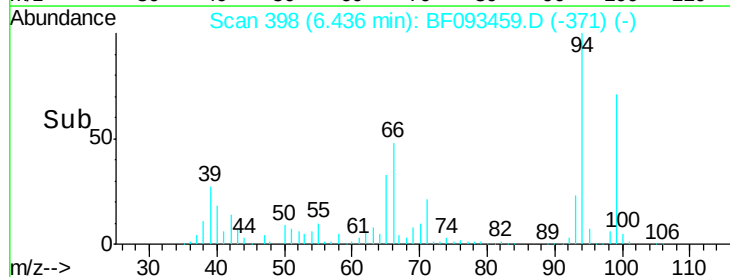
65 145.0 49.3 73.9#

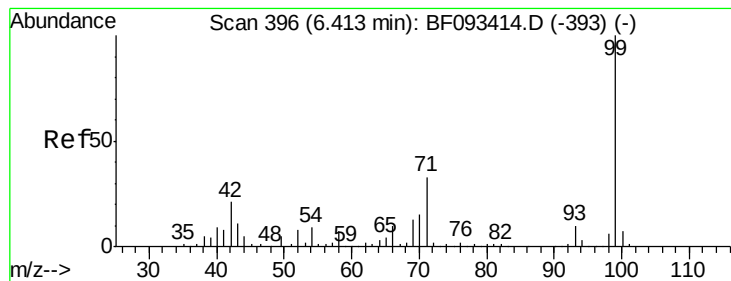


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.15 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093459.D

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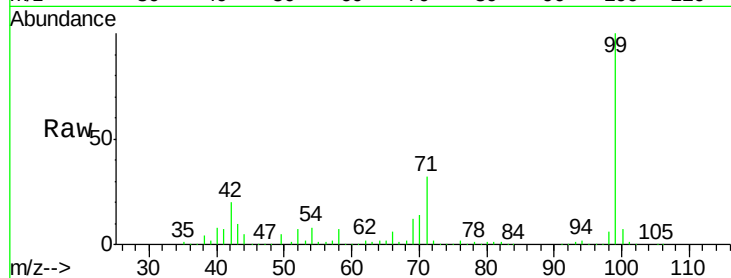
Tgt Ion: 99 Resp: 1465708

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

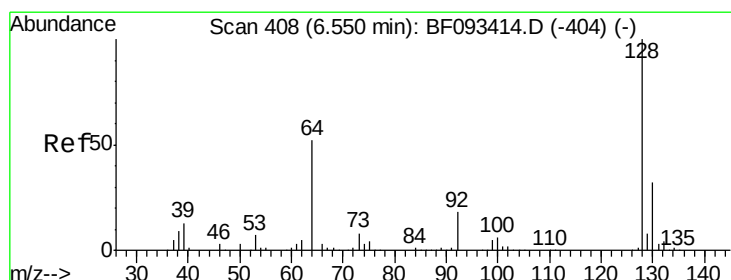
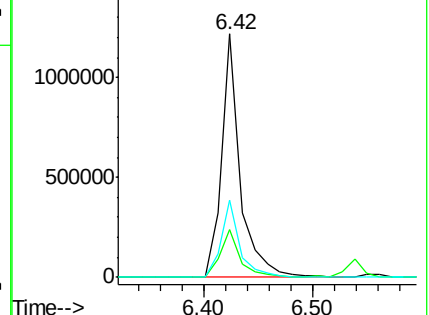
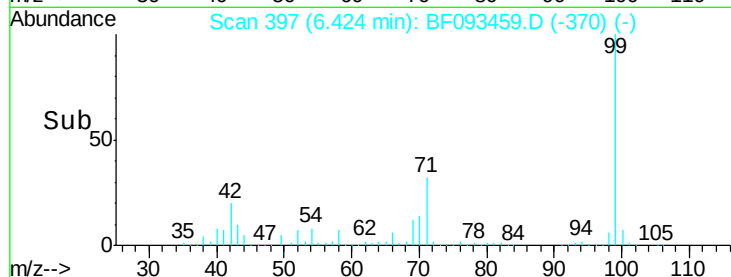
71 31.9 27.5 41.3



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: 35.68 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

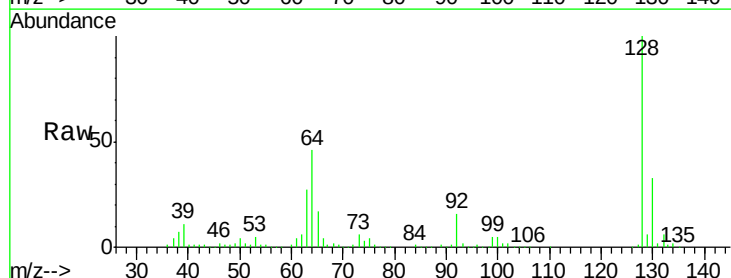
Tgt Ion: 128 Resp: 429629

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

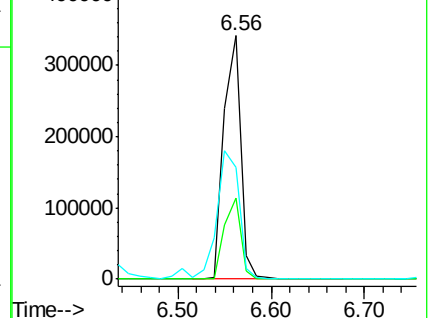
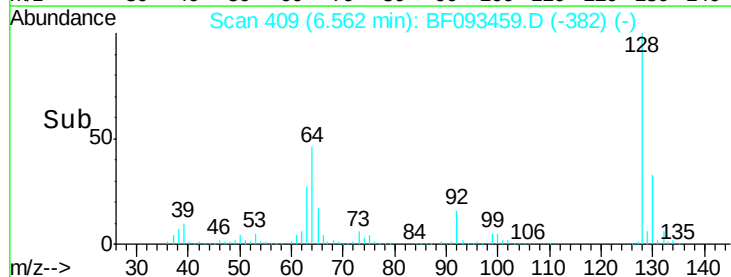
64 45.7 32.2 72.2

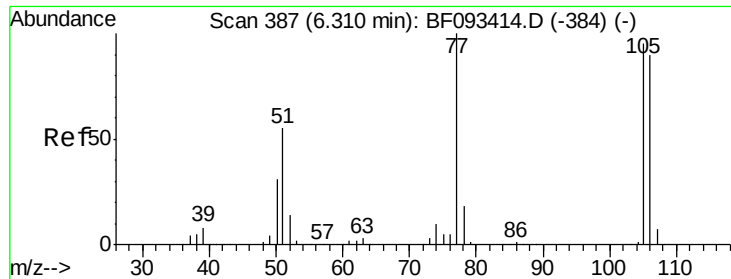


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.30 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.02 min

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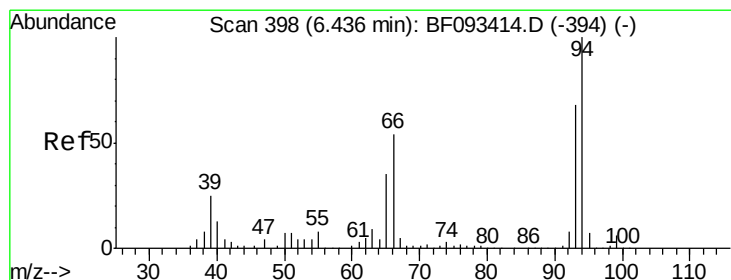
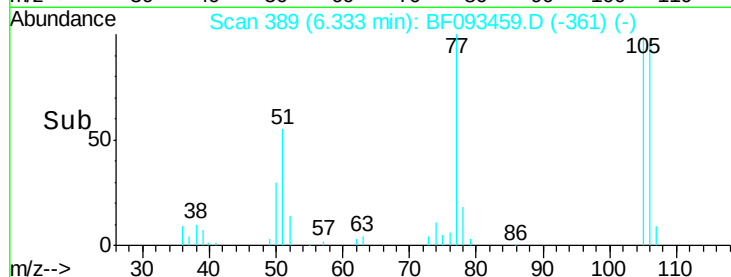
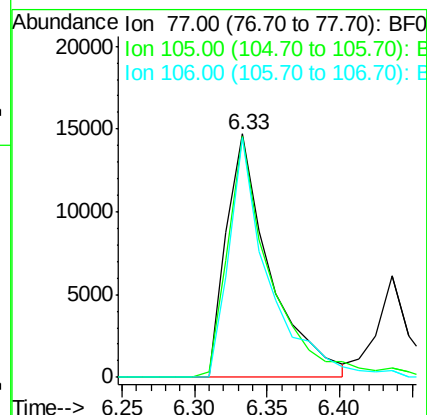
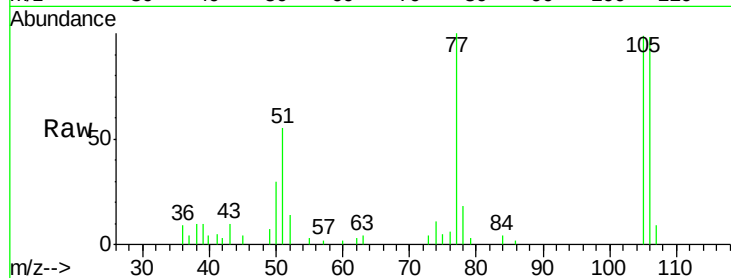
Tgt Ion: 77 Resp: 30667

Ion Ratio Lower Upper

77 100

105 99.1 83.9 123.9

106 98.4 77.6 117.6



#10

Phenol

Concen: 34.11 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

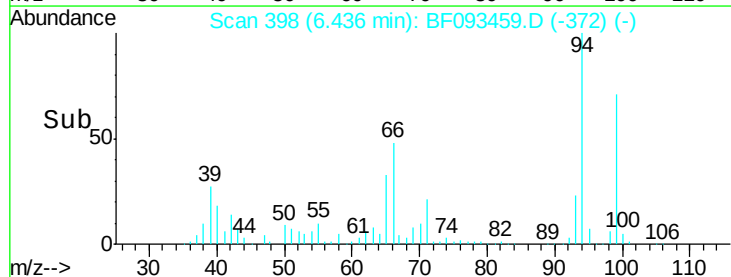
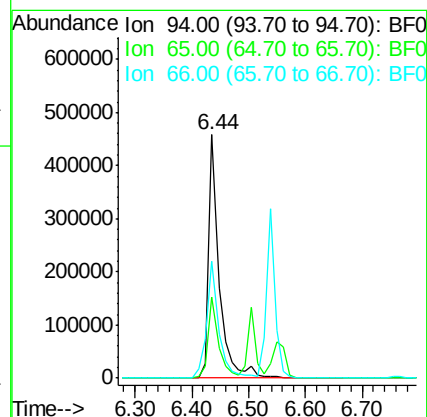
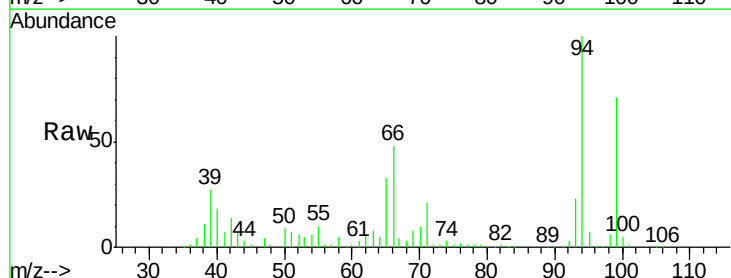
Tgt Ion: 94 Resp: 566443

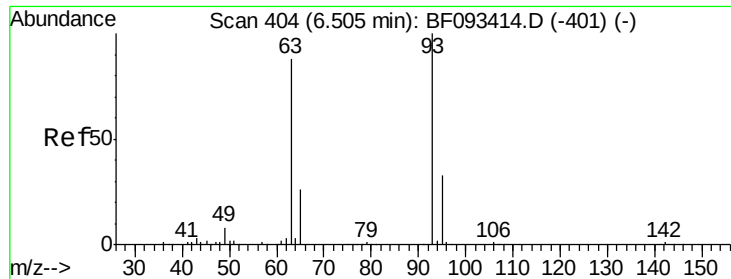
Ion Ratio Lower Upper

94 100

65 33.1 21.4 61.4

66 47.8 44.0 84.0

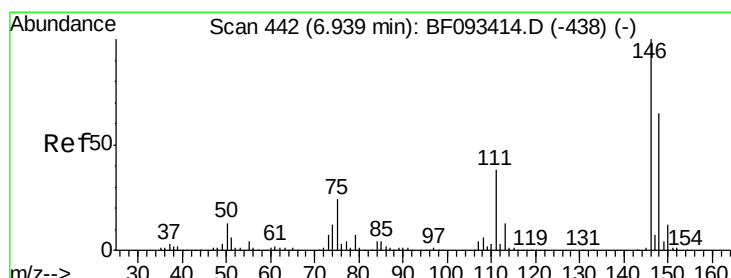
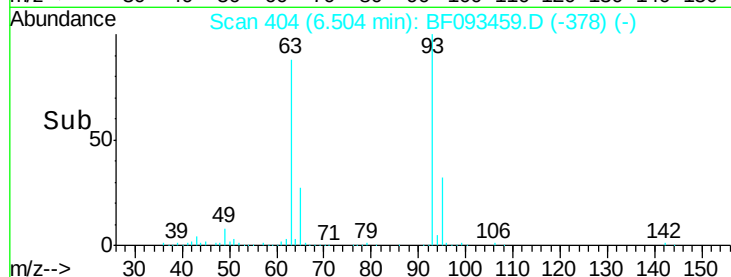
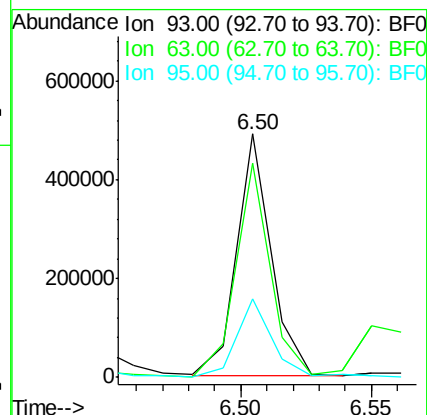
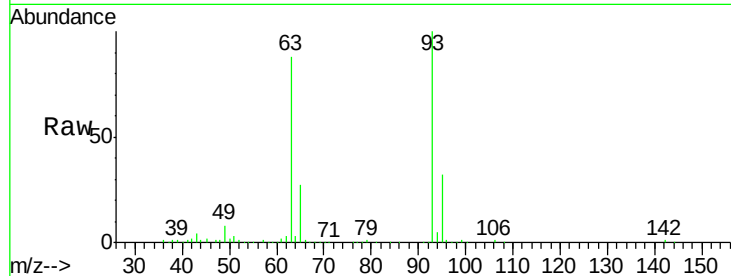




#11
bis(2-Chloroethyl)ether
Concen: 33.81 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

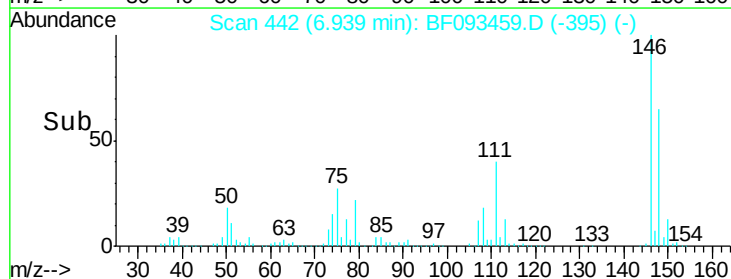
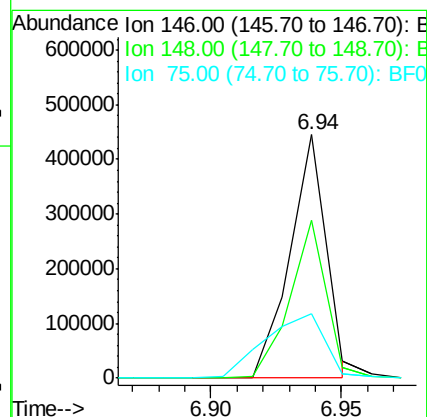
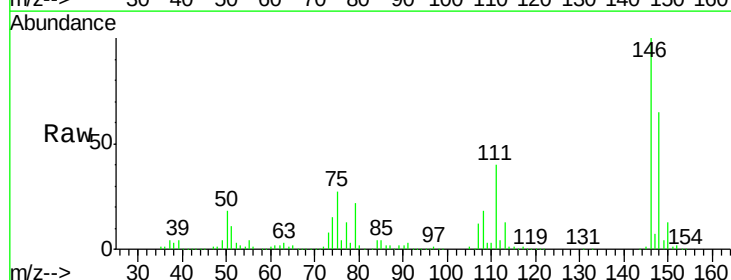
Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

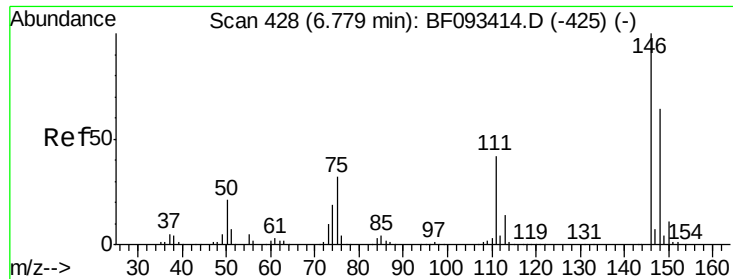
Tgt Ion: 93 Resp: 453774
Ion Ratio Lower Upper
93 100
63 87.9 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 30.98 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.24 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion: 146 Resp: 426972
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 26.7 18.5 27.7

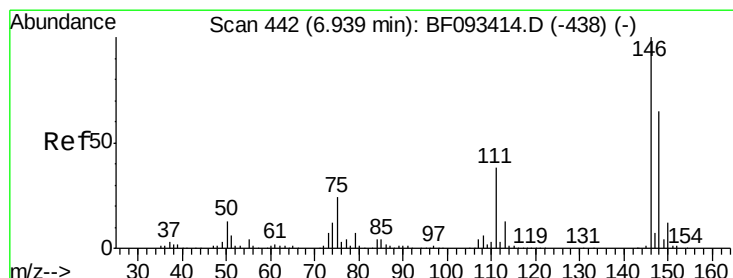
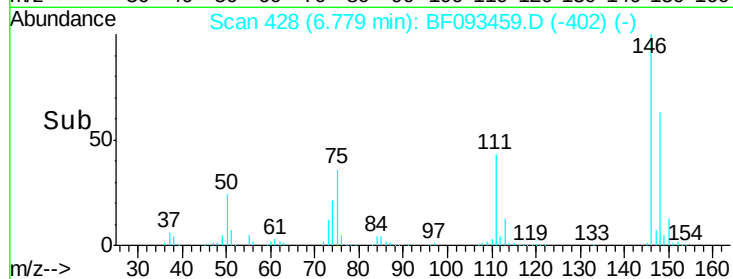
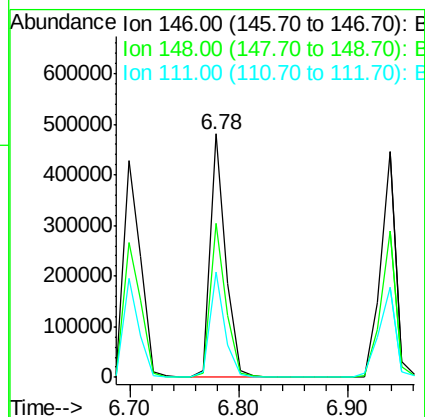
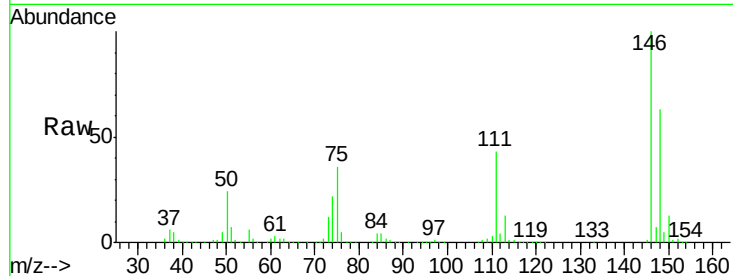




#13
 1,4-Dichlorobenzene
 Concen: 34.16 ng
 RT: 6.78 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

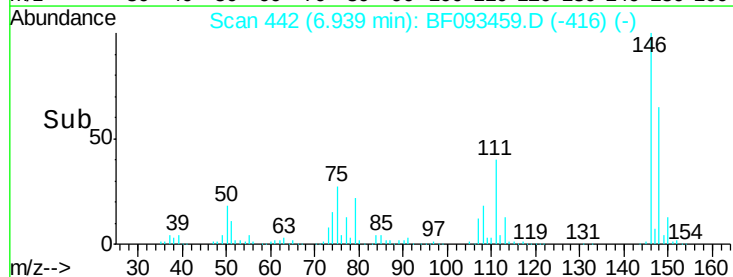
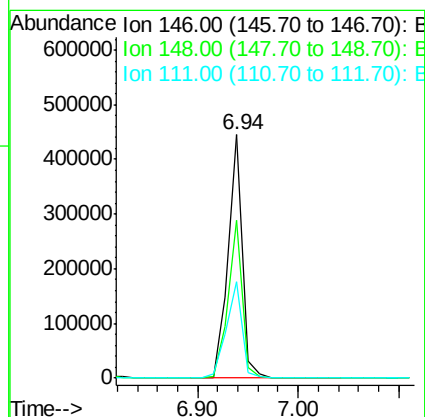
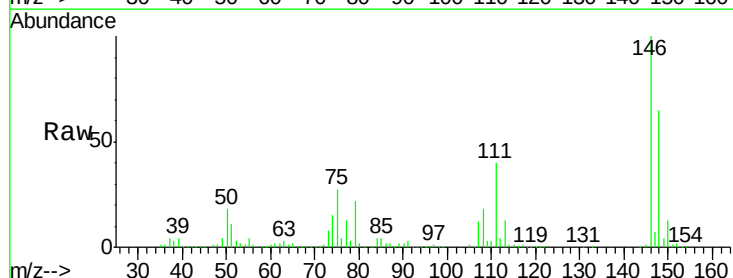
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

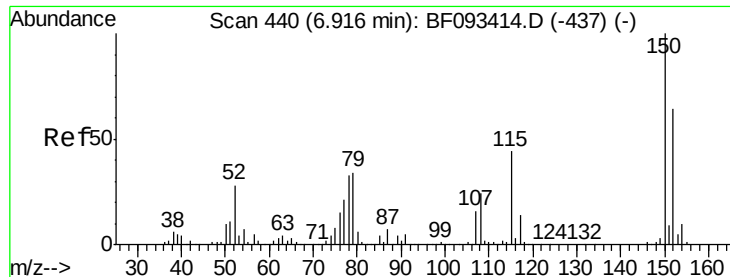
Tgt Ion:146 Resp: 481966
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 43.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 34.86 ng
 RT: 6.94 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:146 Resp: 435636
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 39.7 36.2 54.2

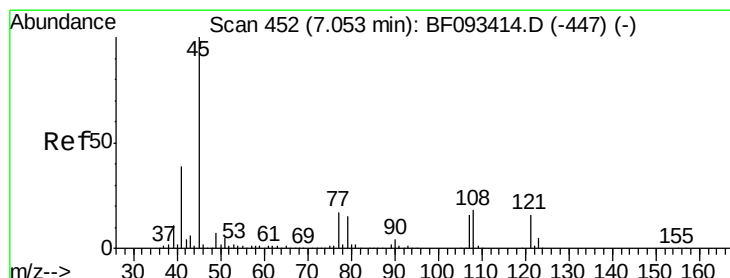
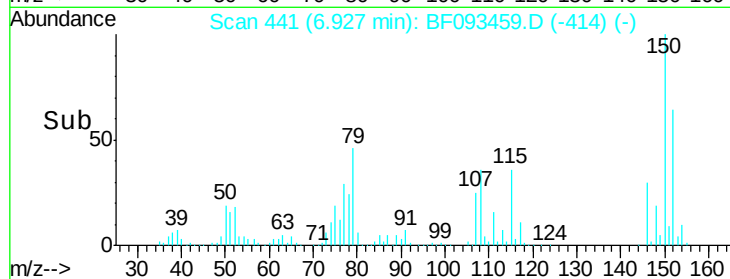
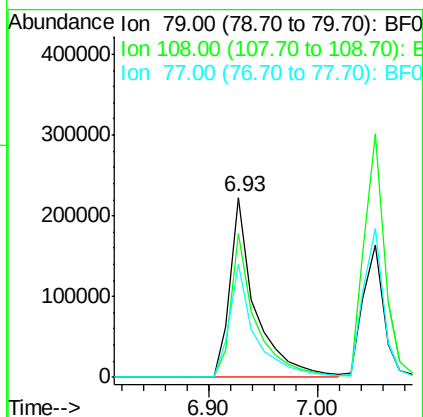
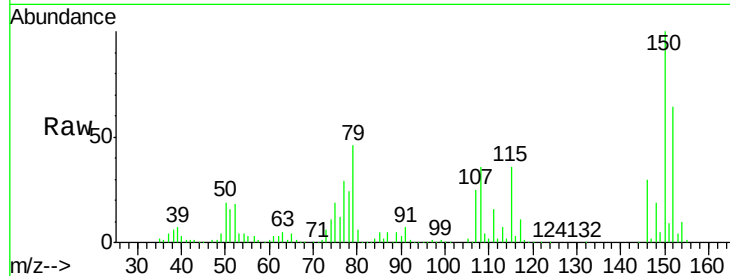




#15
Benzyl Alcohol
Concen: 37.14 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

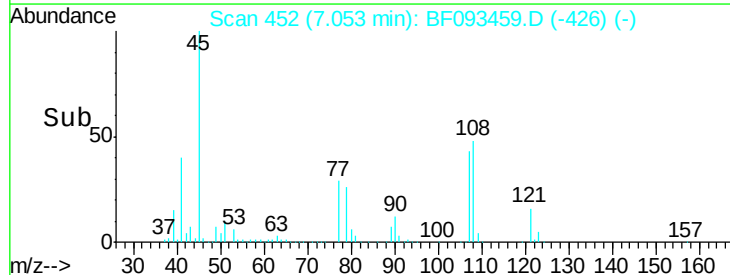
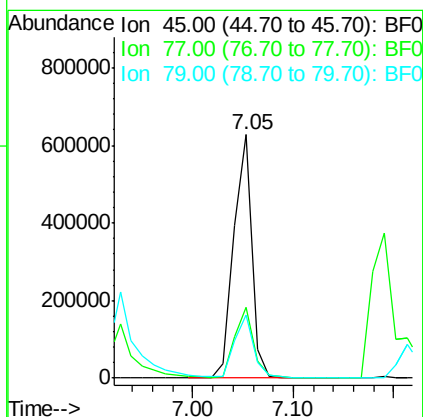
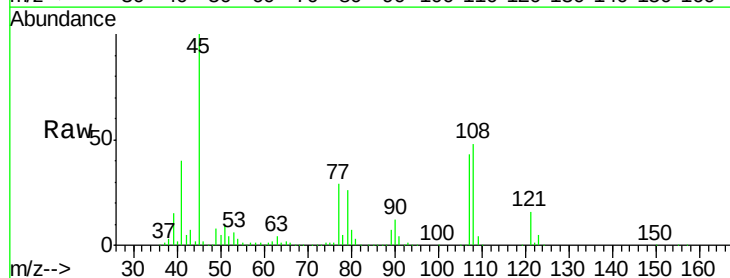
Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

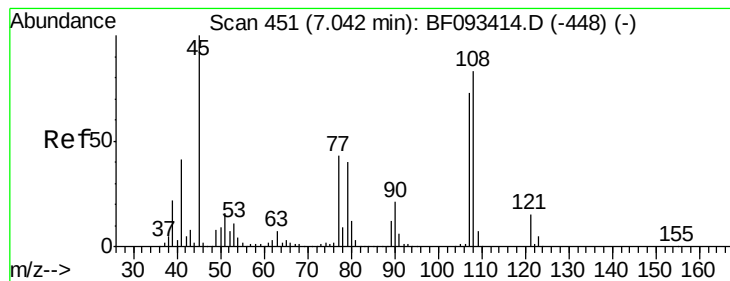
Tgt Ion: 79 Resp: 358841
Ion Ratio Lower Upper
79 100
108 79.8 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.06 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion: 45 Resp: 781617
Ion Ratio Lower Upper
45 100
77 29.3 0.0 34.6
79 26.1 0.0 31.2





#17

2-Methylphenol

Concen: 34.36 ng

RT: 7.05 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

Tgt Ion:107 Resp: 349921

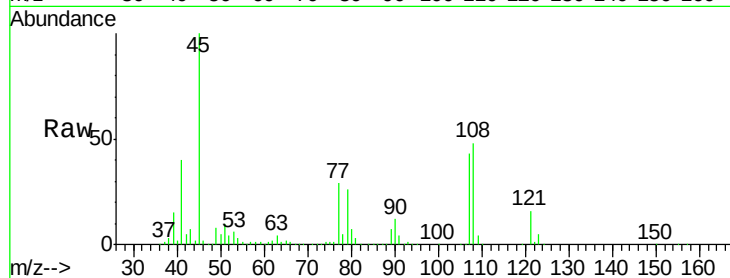
Ion Ratio Lower Upper

107 100

108 111.5 93.0 139.6

77 68.1 39.8 59.8#

79 60.6 38.0 57.0#

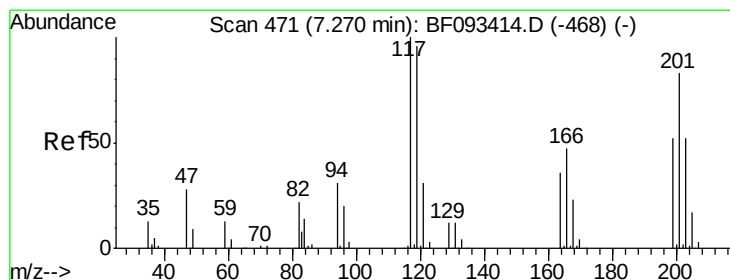
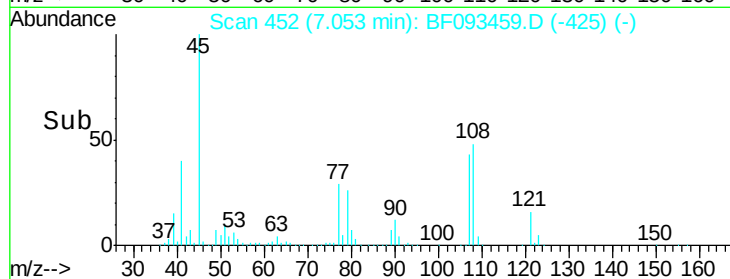
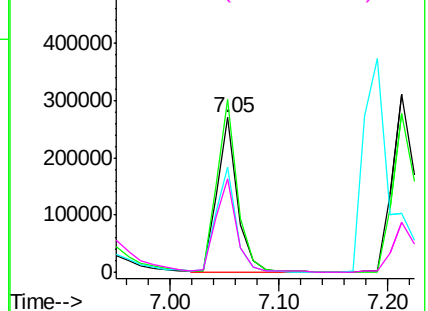


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.13 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

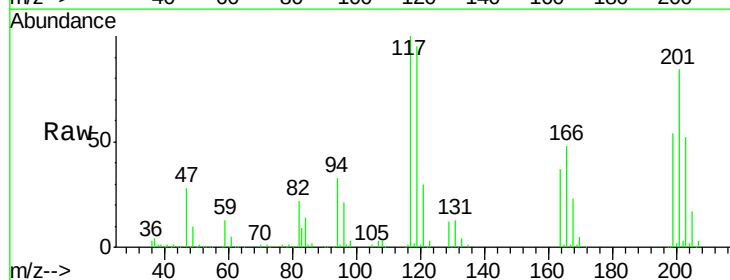
Tgt Ion:117 Resp: 152928

Ion Ratio Lower Upper

117 100

119 94.7 78.1 117.1

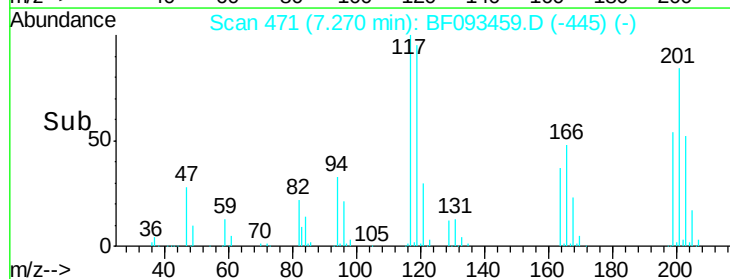
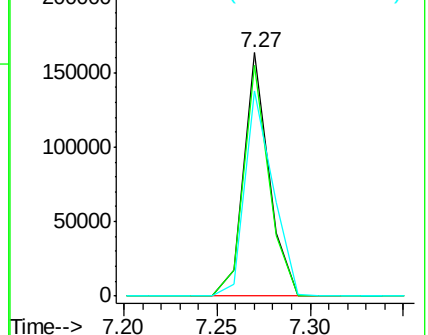
201 84.2 78.6 117.8

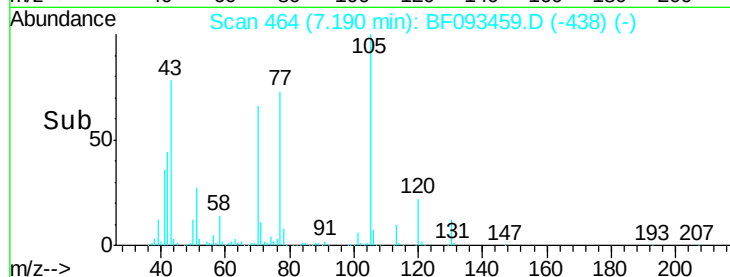
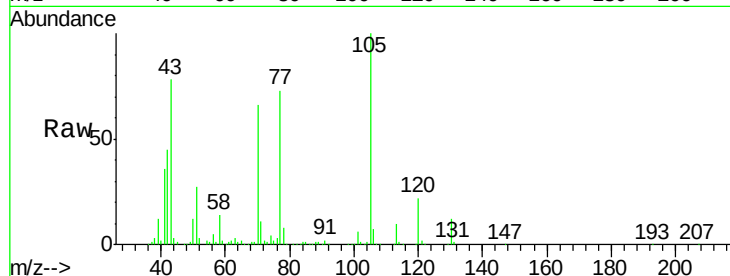
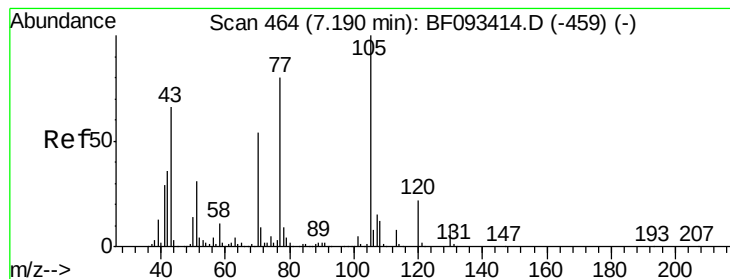


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.04 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

Tgt Ion: 70 Resp: 354431

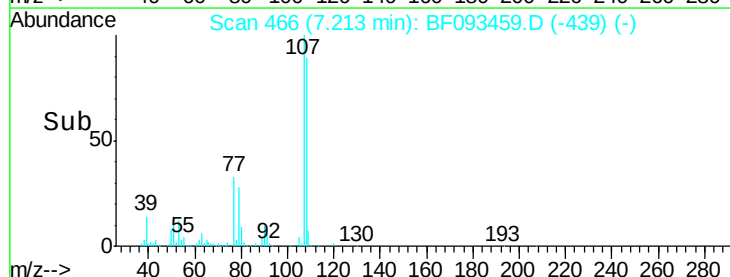
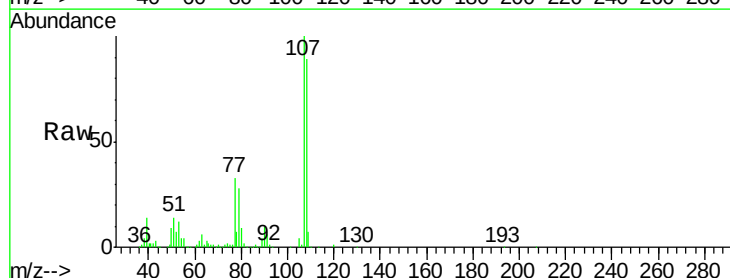
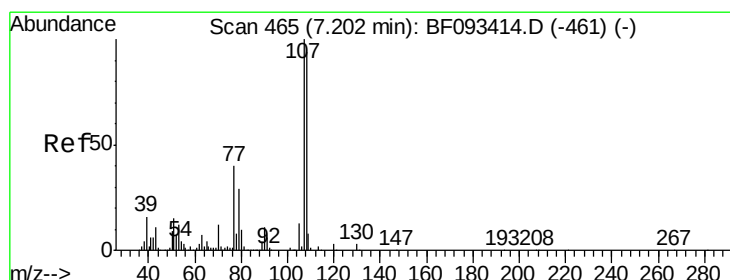
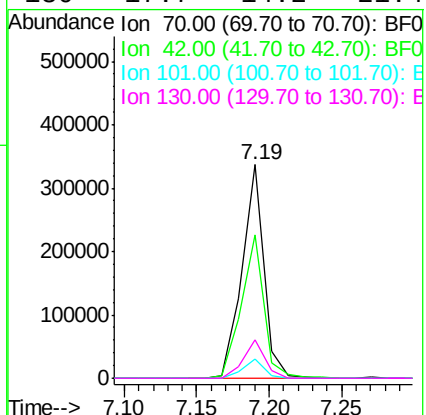
Ion Ratio Lower Upper

70 100

42 67.3 49.4 74.0

101 8.8 7.4 11.2

130 17.7 14.2 21.4



#20

3+4-Methylphenols

Concen: 37.27 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Tgt Ion: 107 Resp: 492284

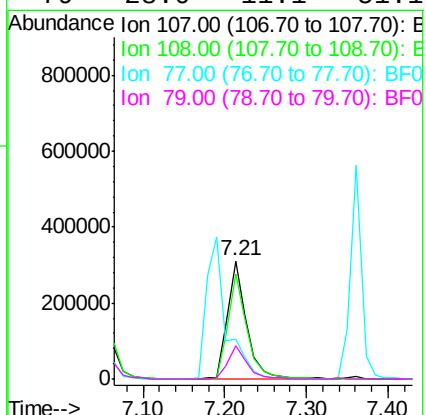
Ion Ratio Lower Upper

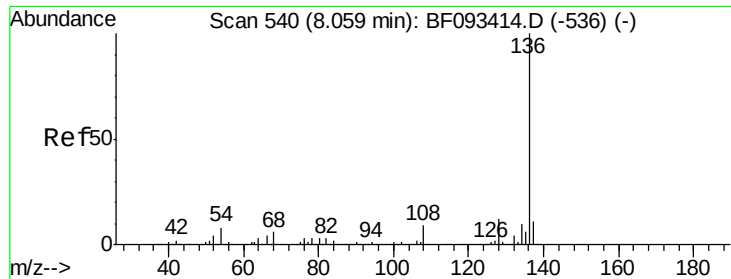
107 100

108 89.3 73.0 113.0

77 33.2 71.3 111.3#

79 28.0 11.1 51.1

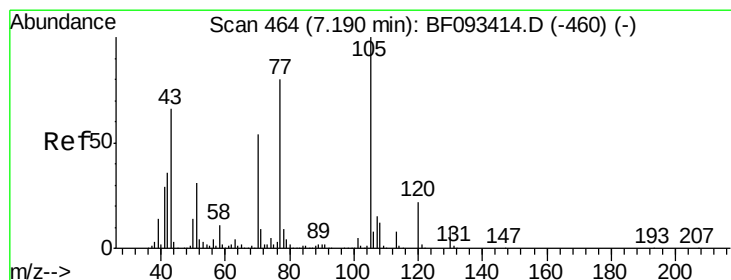
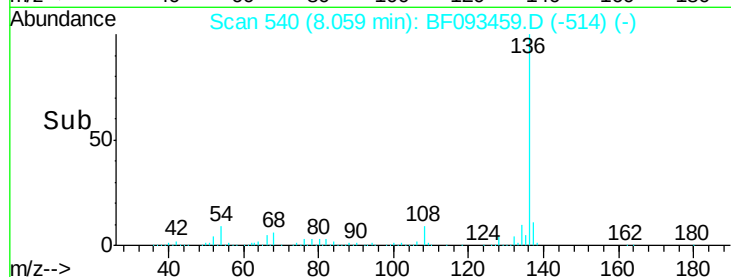
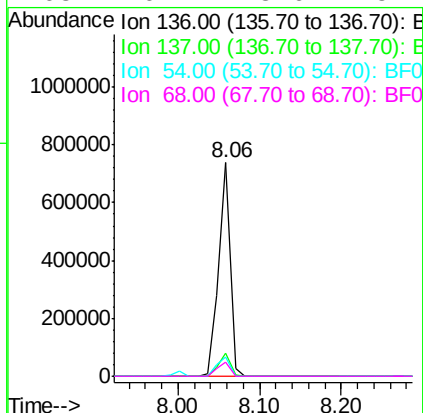
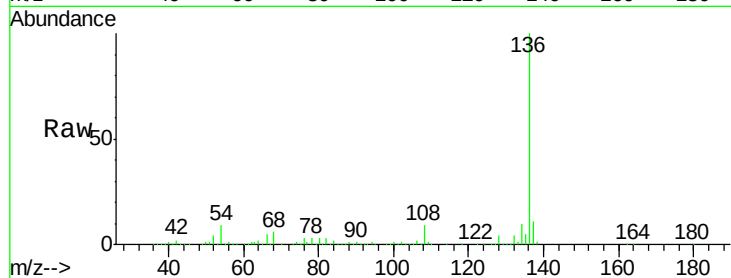




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

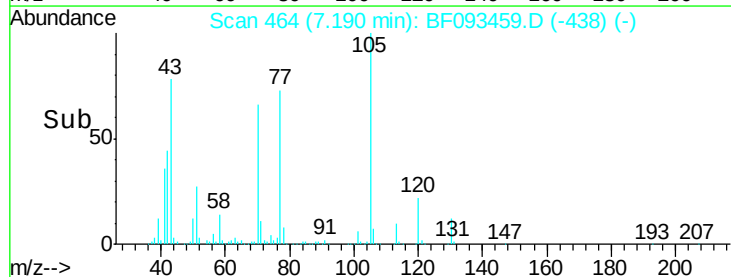
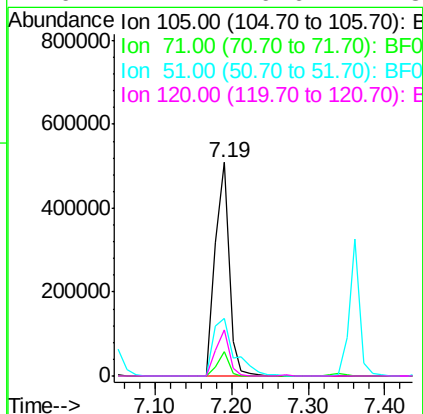
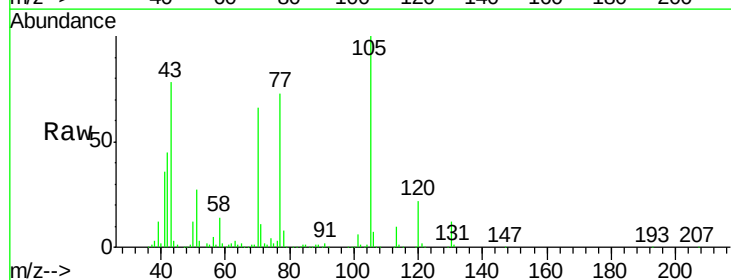
Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

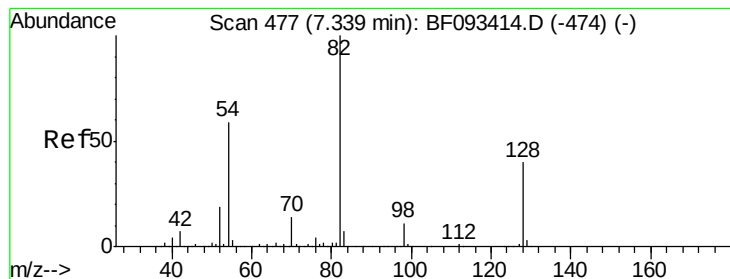
Tgt Ion:	136	Resp:	723778
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.7	4.5	6.7#
68	6.4	3.6	5.4#



#22
Acetophenone
Concen: 36.94 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion:	105	Resp:	643376
Ion	Ratio	Lower	Upper
105	100		
71	11.2	3.2	4.8#
51	27.1	26.2	39.4
120	21.7	16.6	24.8





#23

Nitrobenzene-d5

Concen: 73.49 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

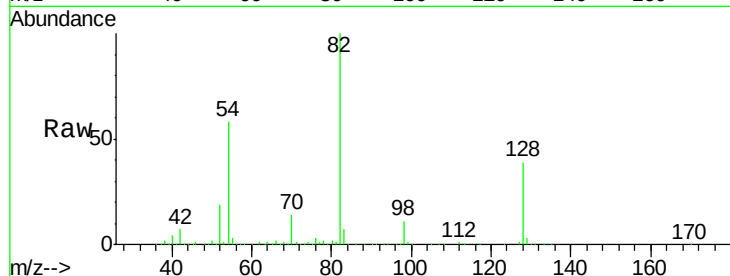
Tgt Ion: 82 Resp: 958597

Ion Ratio Lower Upper

82 100

128 39.2 34.6 52.0

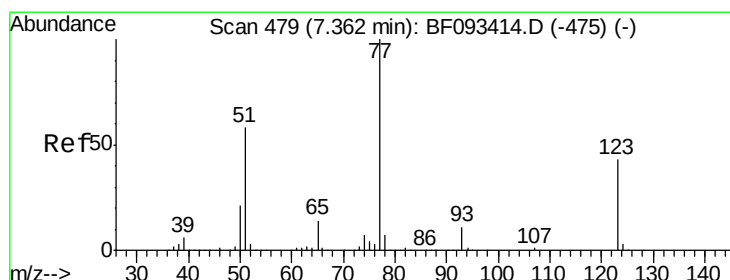
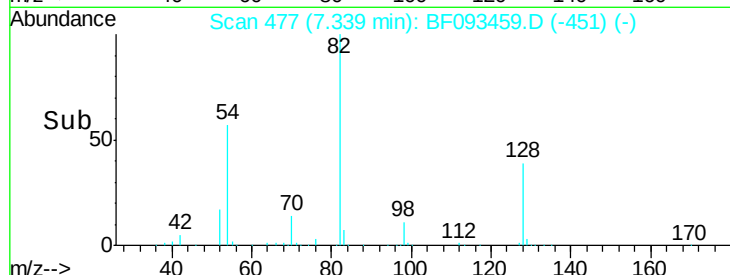
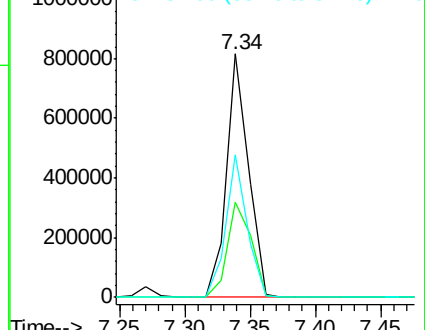
54 58.4 39.5 59.3



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: 35.90 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

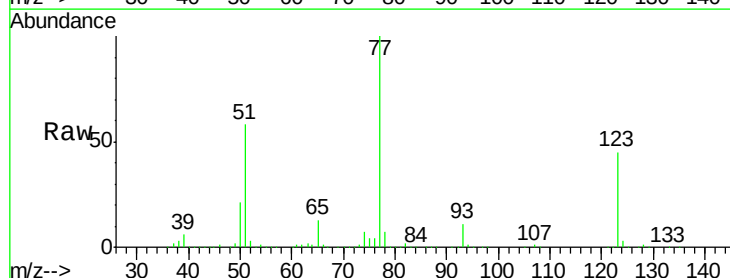
Tgt Ion: 77 Resp: 526260

Ion Ratio Lower Upper

77 100

123 44.8 33.0 49.4

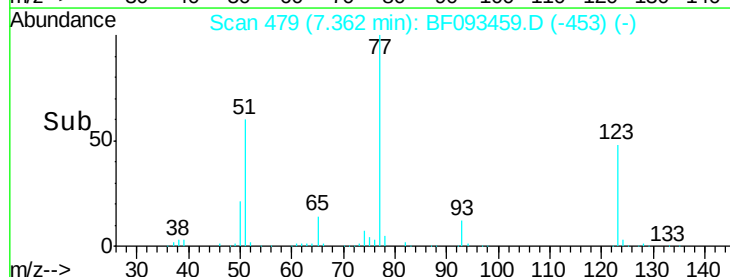
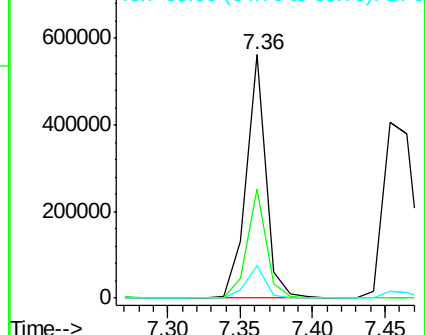
65 13.4 11.2 16.8

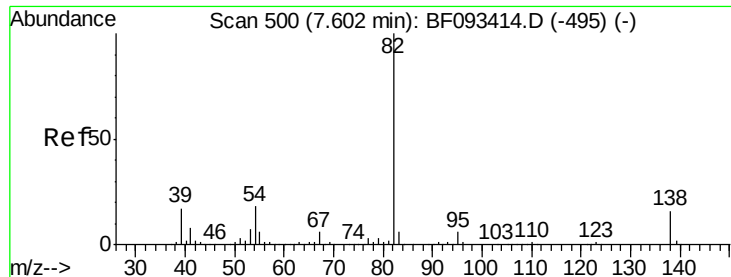


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.14 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

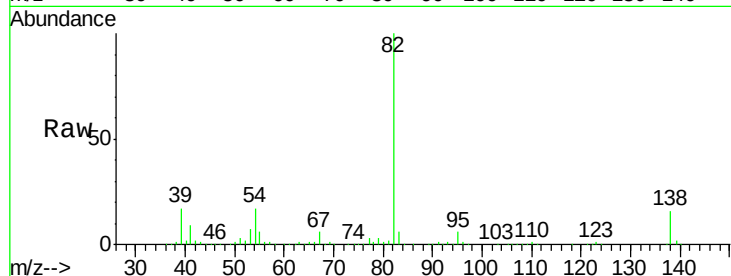
Tgt Ion: 82 Resp: 924429

Ion Ratio Lower Upper

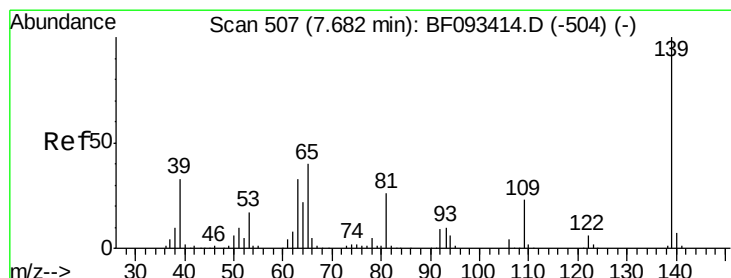
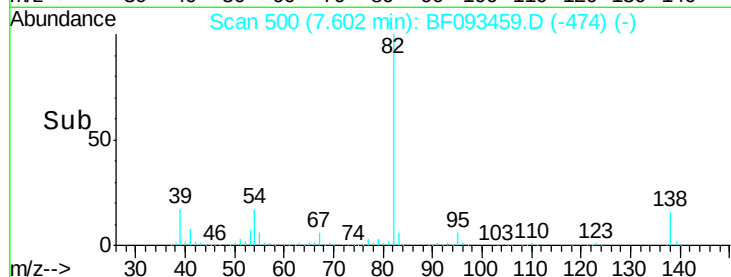
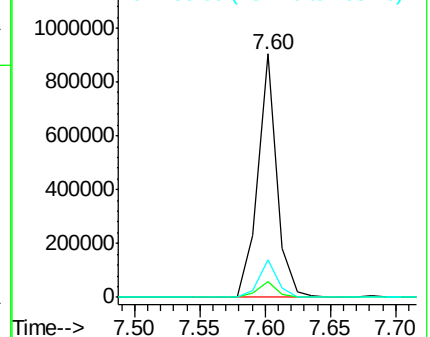
82 100

95 6.3 5.6 8.4

138 15.7 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: 32.50 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

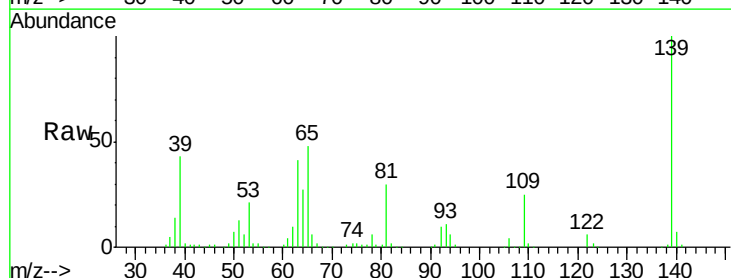
Tgt Ion: 139 Resp: 217401

Ion Ratio Lower Upper

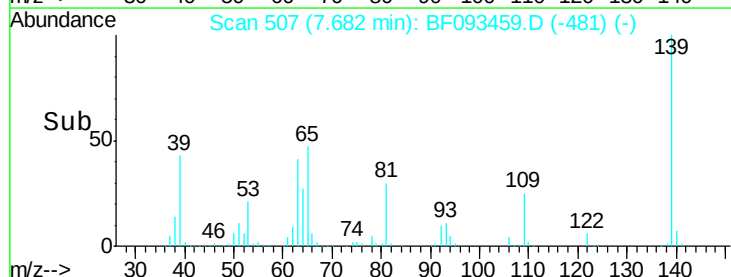
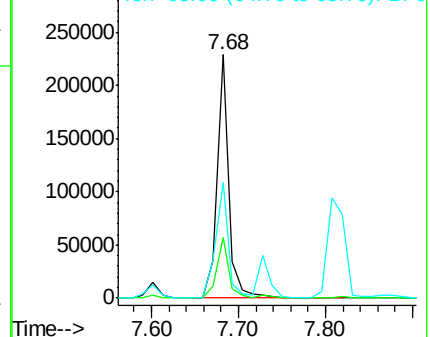
139 100

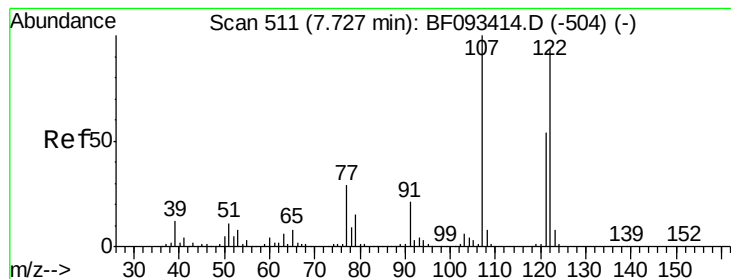
109 25.1 23.3 34.9

65 47.7 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 34.20 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

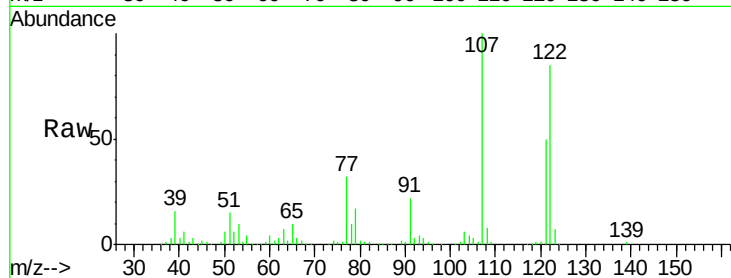
Tgt Ion:122 Resp: 372121

Ion Ratio Lower Upper

122 100

107 118.1 94.1 141.1

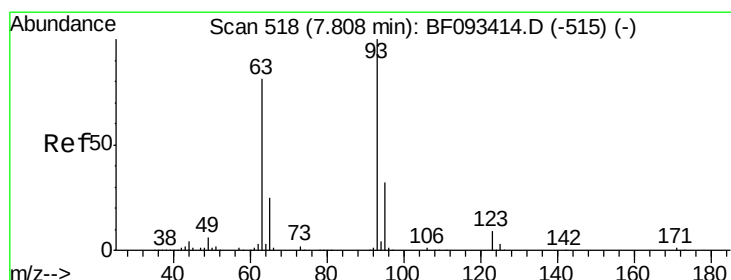
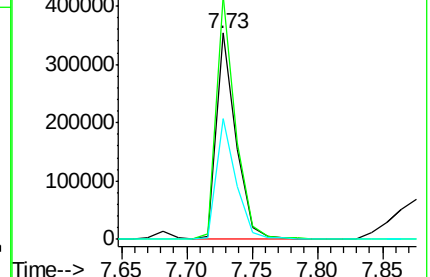
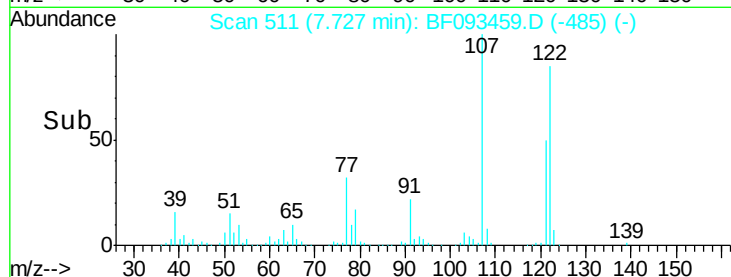
121 58.8 46.0 69.0



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: 34.46 ng

RT: 7.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

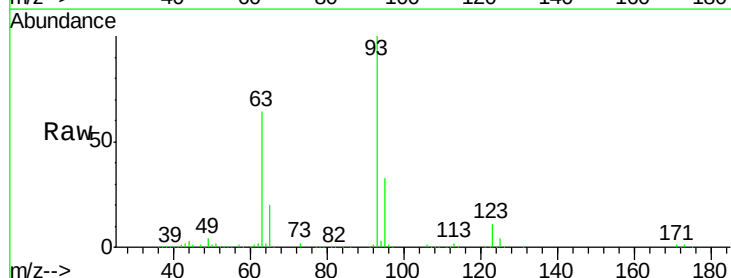
Tgt Ion: 93 Resp: 572278

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

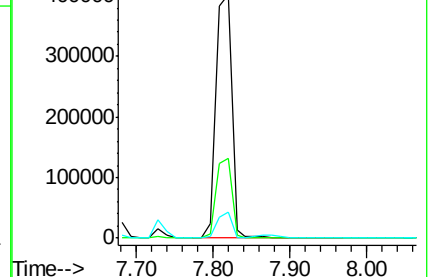
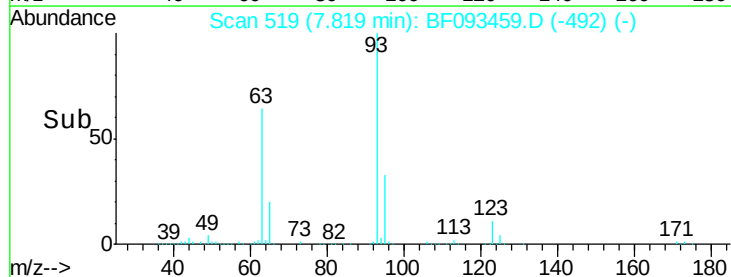
123 10.8 8.6 13.0

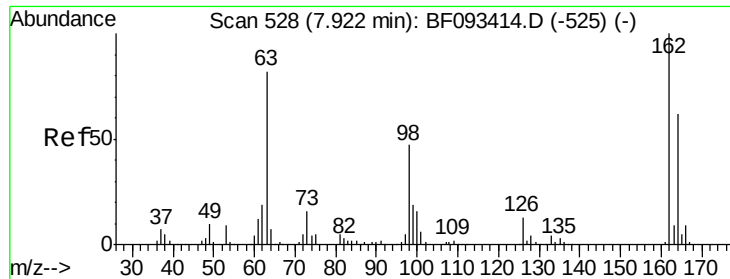


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

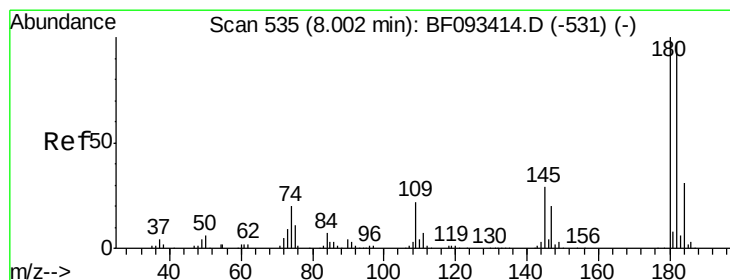
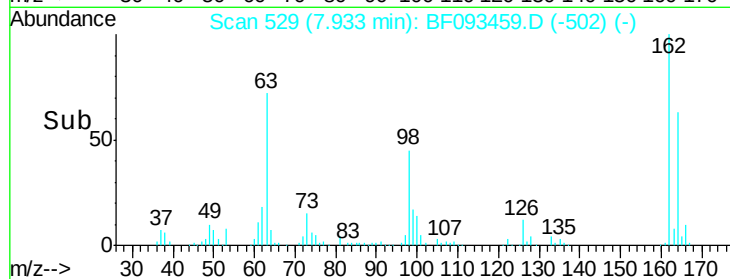
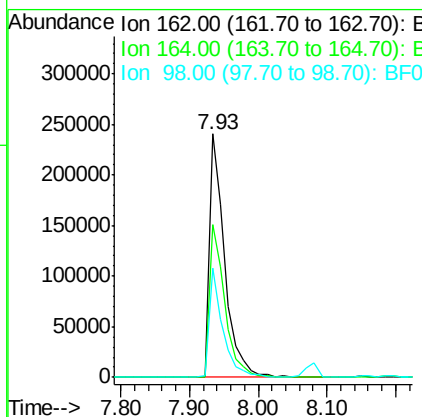
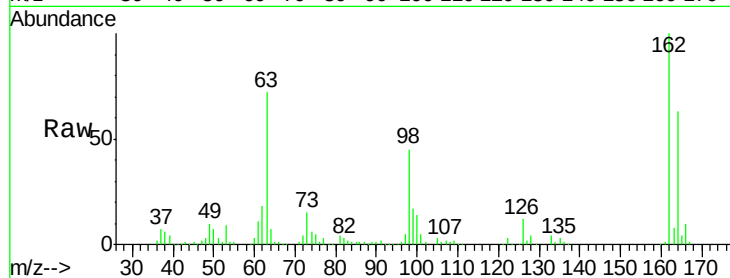




#29
 2,4-Dichlorophenol
 Concen: 36.81 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

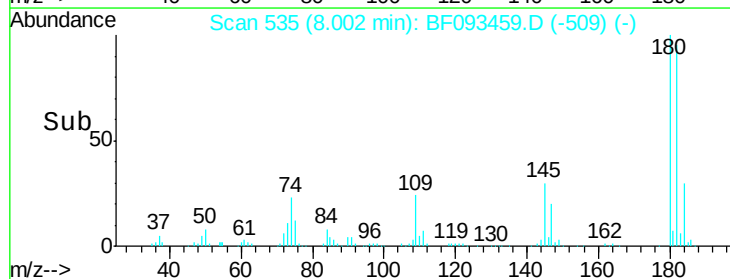
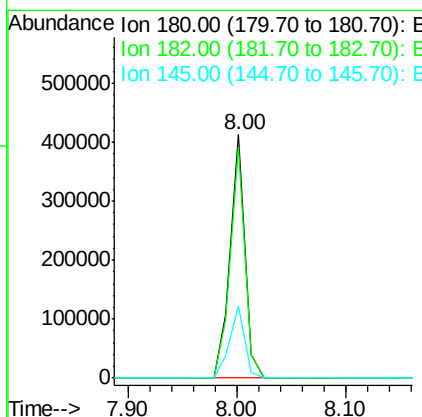
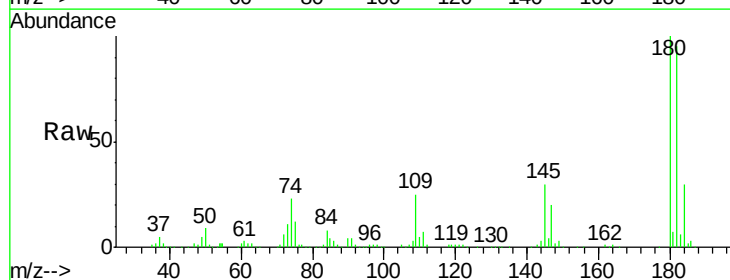
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

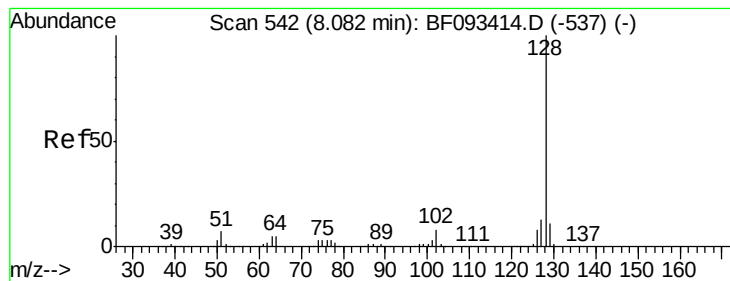
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.8	86.8
98	44.9	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.52 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.4
145	29.7	21.6	32.4





#31

Naphthalene

Concen: 34.41 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

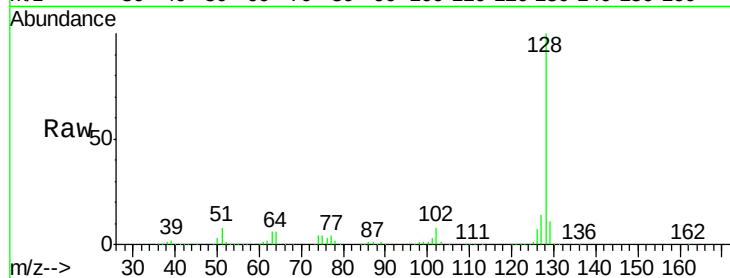
Tgt Ion:128 Resp: 1247928

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

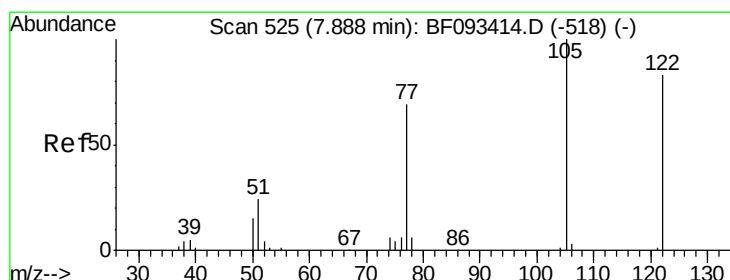
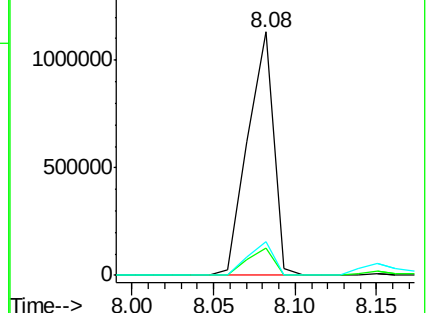
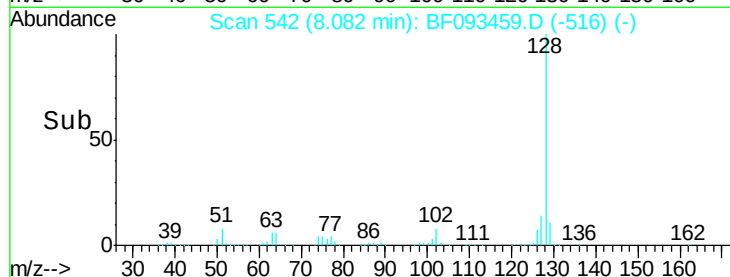
127 13.6 10.8 16.2



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: 29.76 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

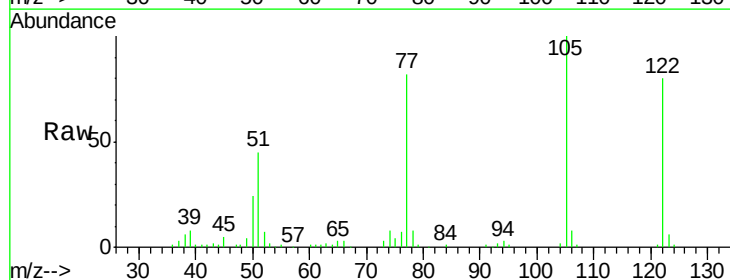
Tgt Ion:122 Resp: 168251

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

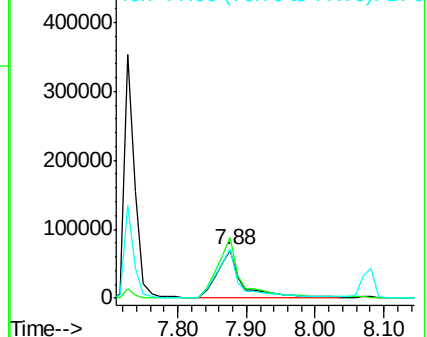
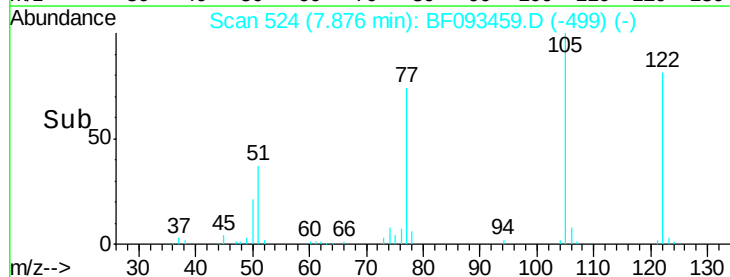
77 103.0 74.5 114.5

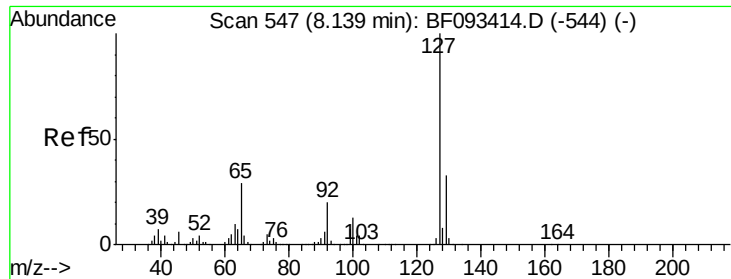


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

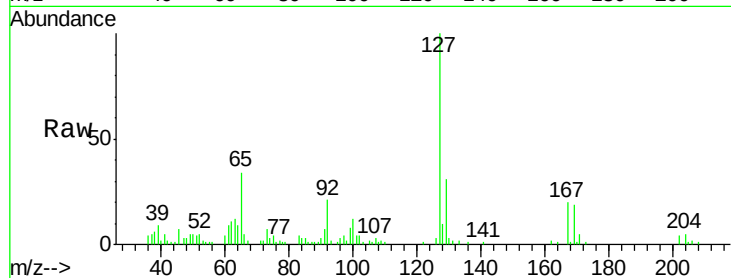




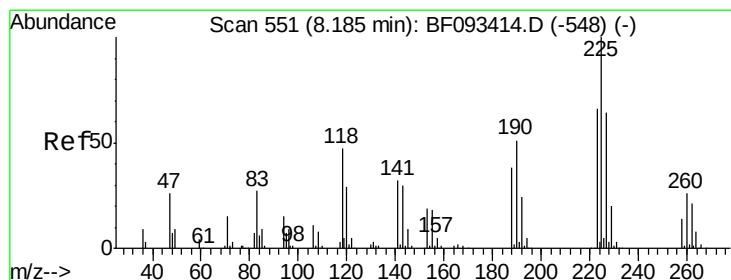
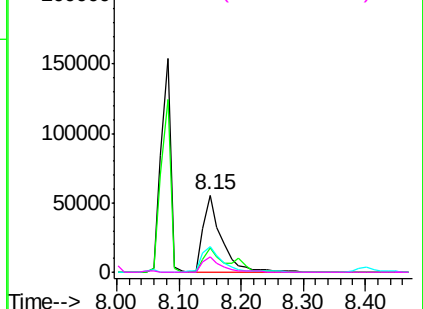
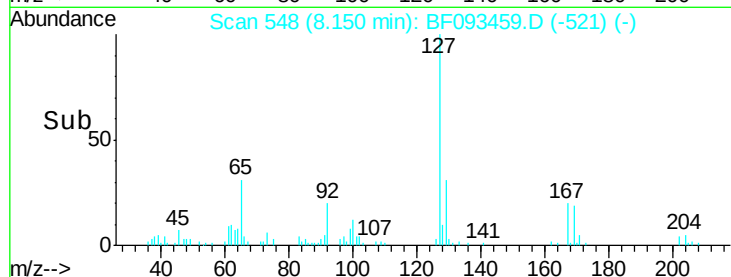
#33
4-Chloroaniline
Concen: 7.85 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

Tgt Ion:	127	Resp:	115506
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	33.9	25.8	38.8
92	20.6	16.1	24.1

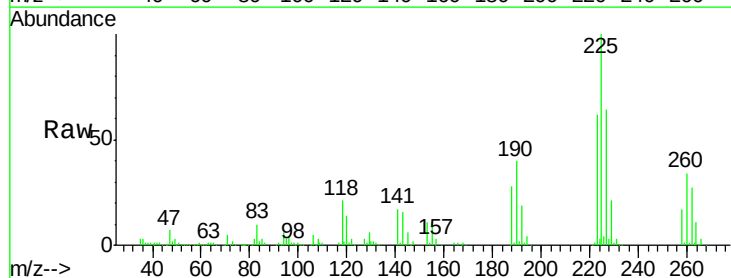


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

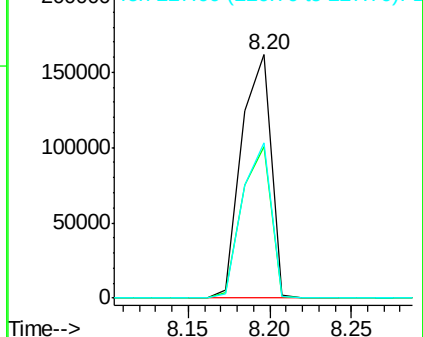
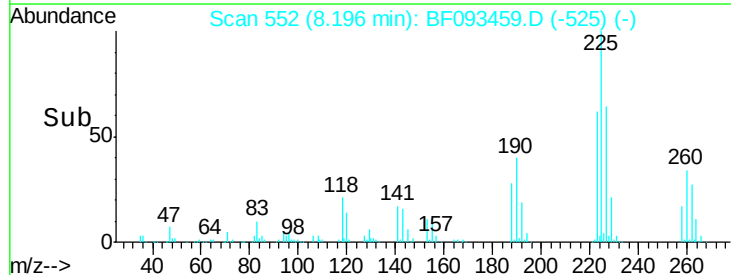


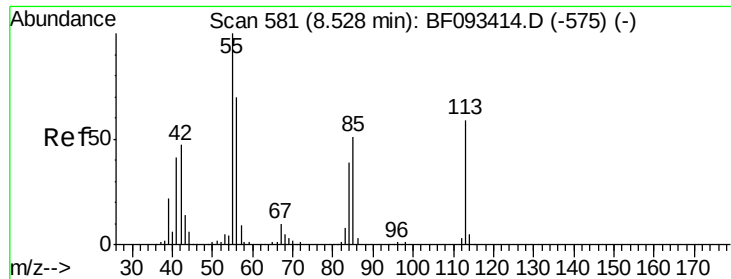
#34
Hexachlorobutadiene
Concen: 35.94 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion:	225	Resp:	201516
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	64.0	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

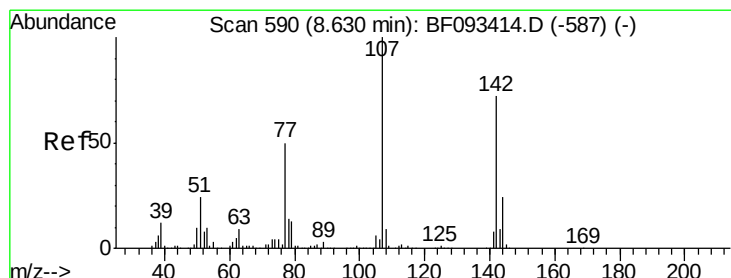
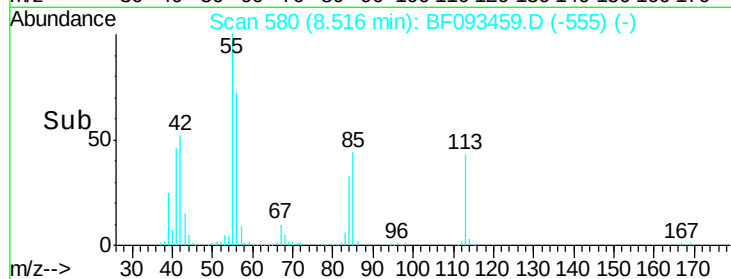
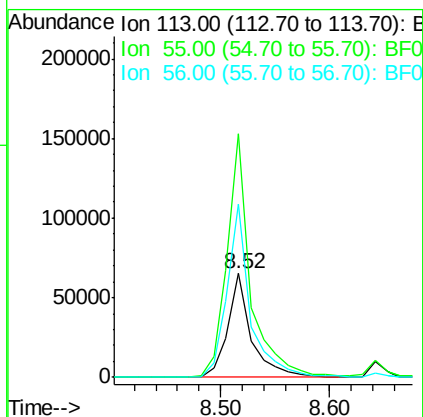
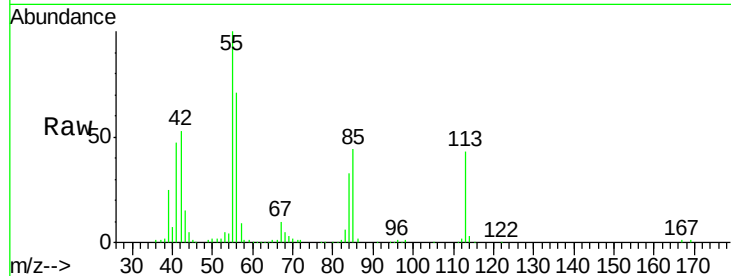




#35
 Caprolactam
 Concen: 28.11 ng
 RT: 8.52 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

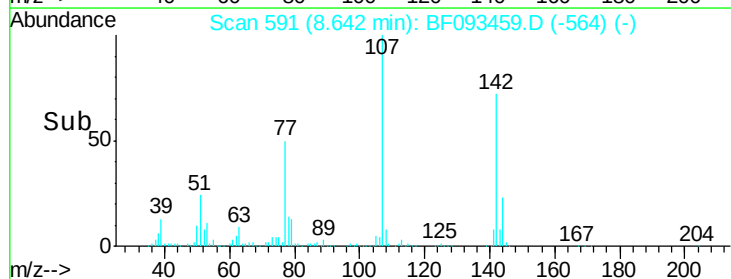
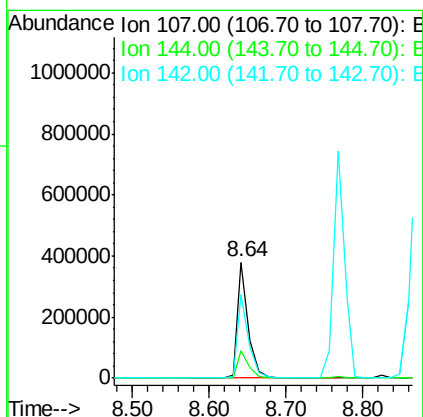
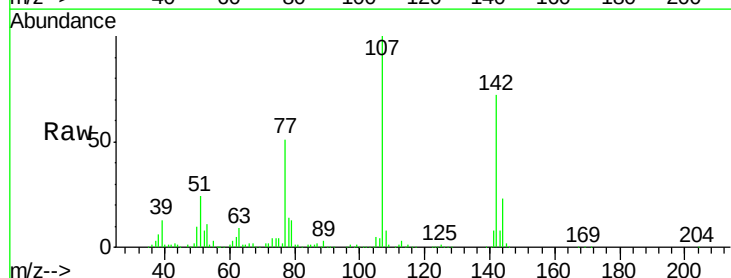
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

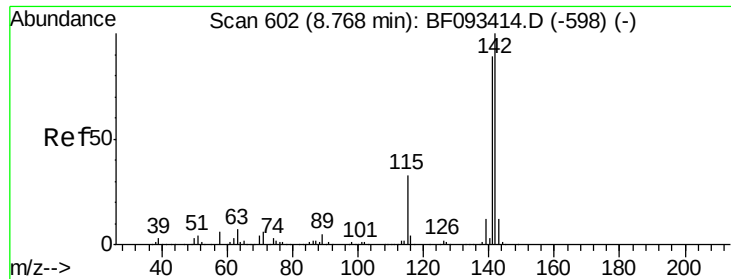
Tgt Ion:113 Resp: 98280
 Ion Ratio Lower Upper
 113 100
 55 234.6 119.2 159.2#
 56 167.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.66 ng
 RT: 8.64 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:107 Resp: 378728
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 72.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: 32.81 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

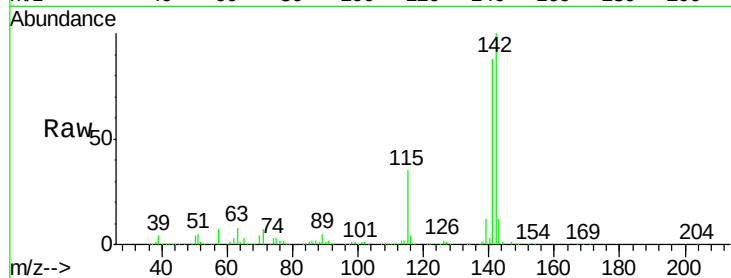
Tgt Ion:142 Resp: 757076

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

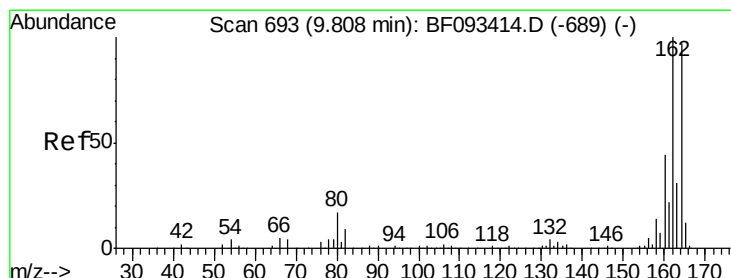
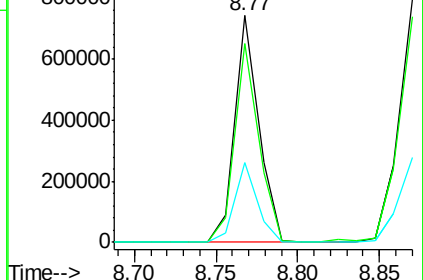
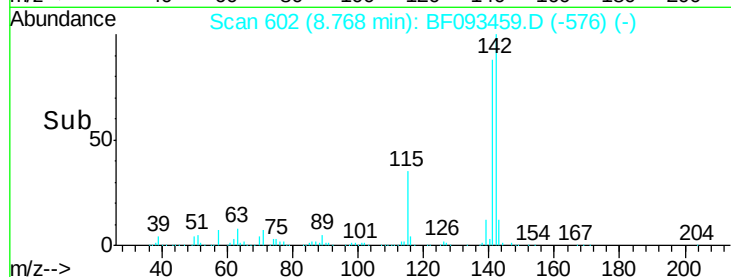
115 35.2 28.3 42.5



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

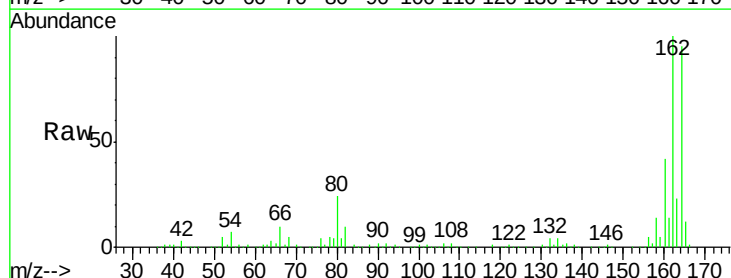
Tgt Ion:164 Resp: 299556

Ion Ratio Lower Upper

164 100

162 105.6 80.2 120.2

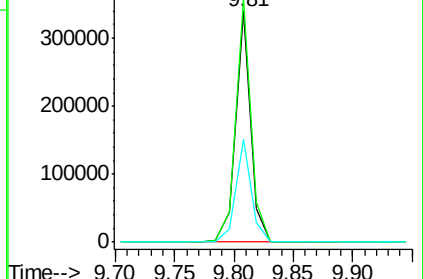
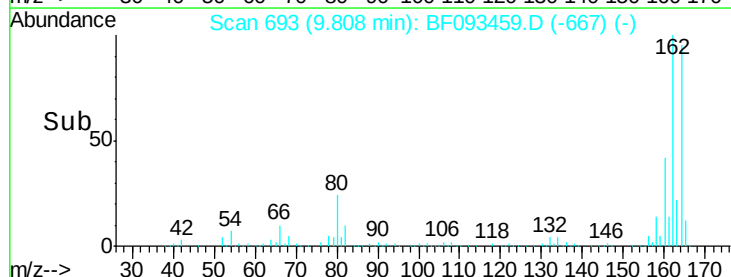
160 44.7 36.9 55.3

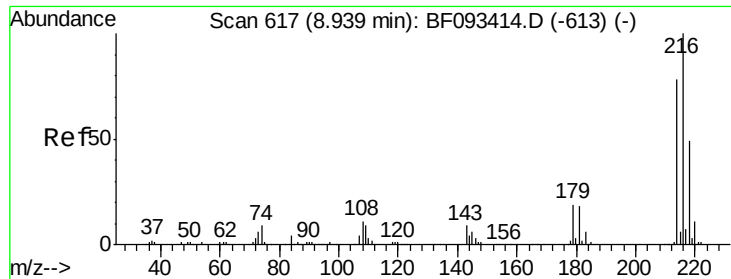


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

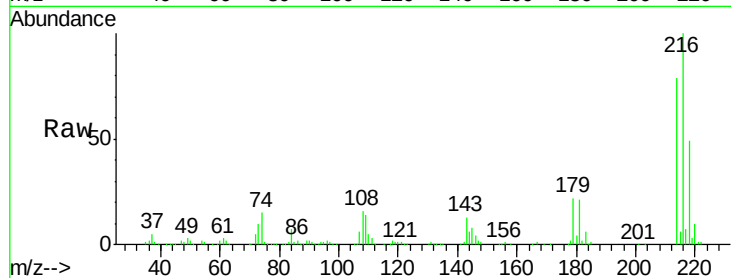




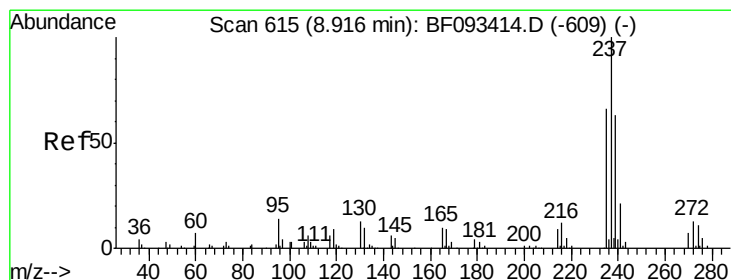
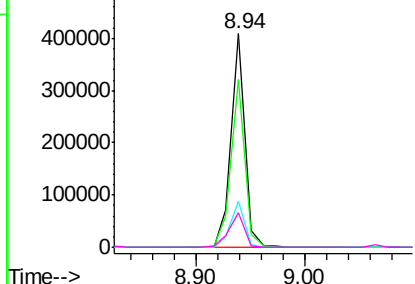
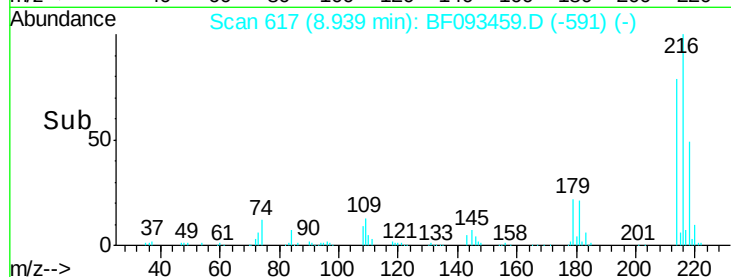
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.39 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion:	216	Resp:	354909
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.1	17.4	26.2
108	18.2	15.6	23.4

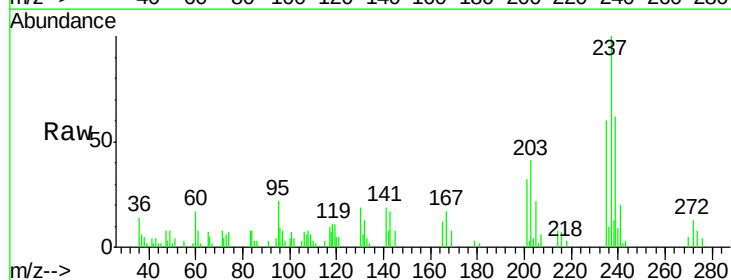


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

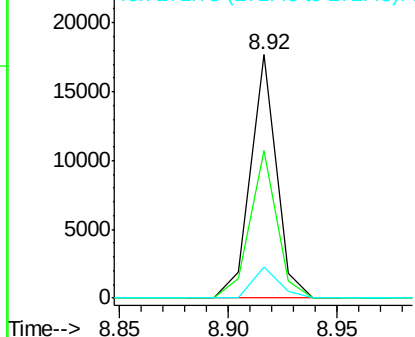
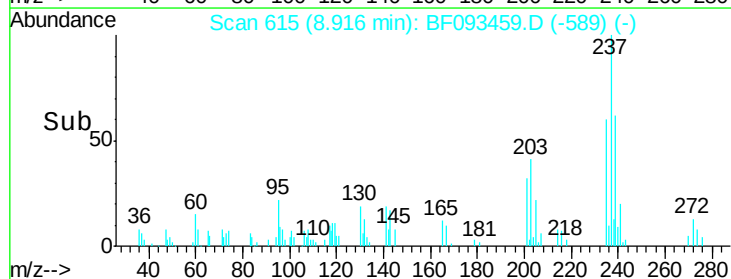


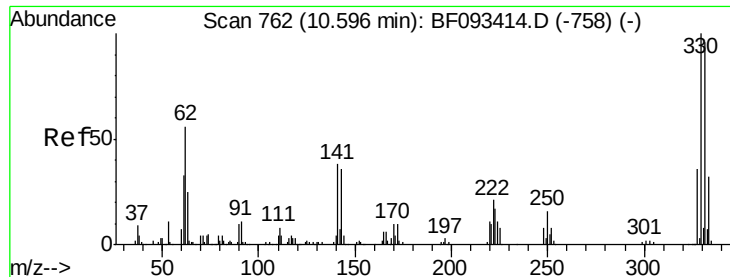
#40
 Hexachlorocyclopentadiene
 Concen: 18.12 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:	237	Resp:	14674
Ion	Ratio	Lower	Upper
237	100		
235	60.5	41.2	81.2
272	12.7	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

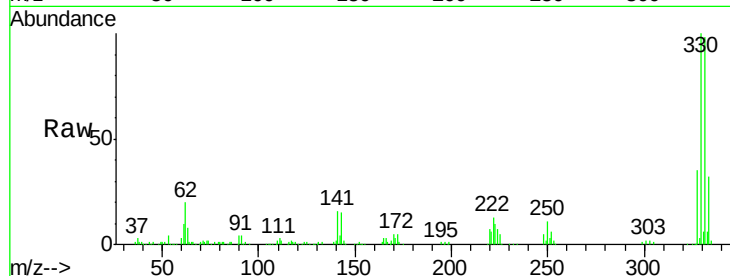




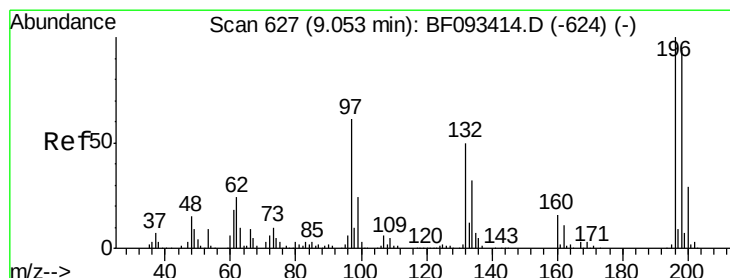
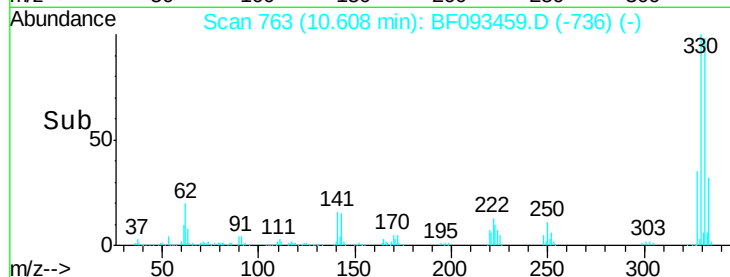
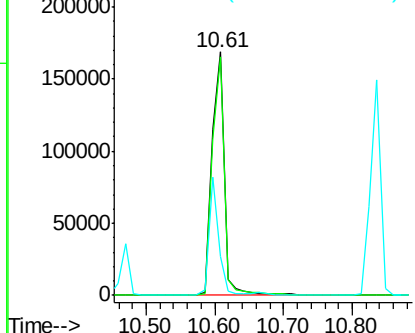
#41
 2,4,6-Tribromophenol
 Concen: 110.28 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion:330 Resp: 215222
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 38.3 34.1 51.1

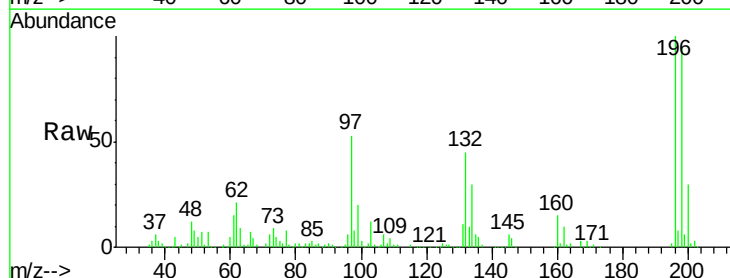


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

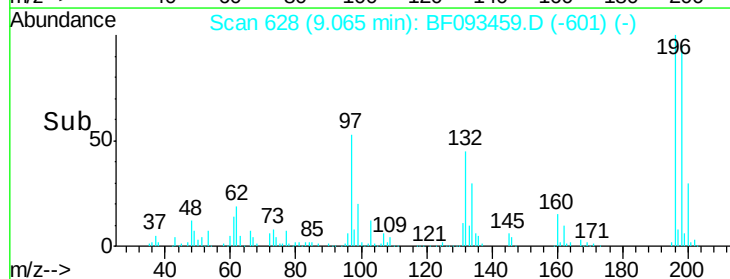
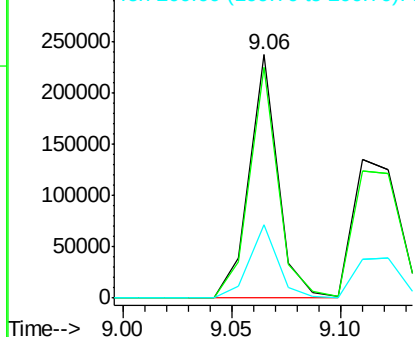


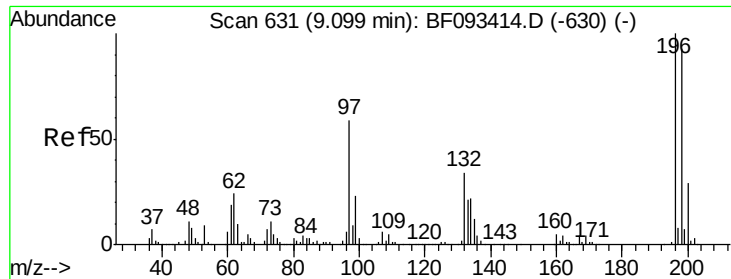
#42
 2,4,6-Trichlorophenol
 Concen: 42.73 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:196 Resp: 218386
 Ion Ratio Lower Upper
 196 100
 198 95.0 82.1 123.1
 200 30.3 27.0 40.4



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

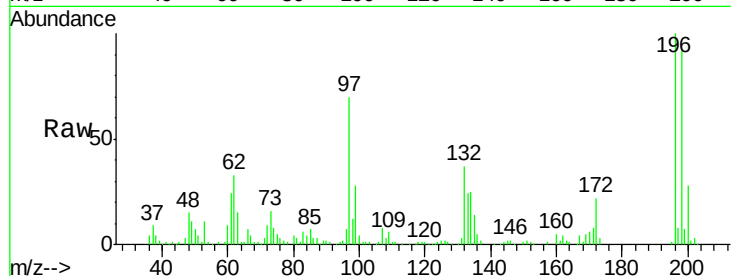




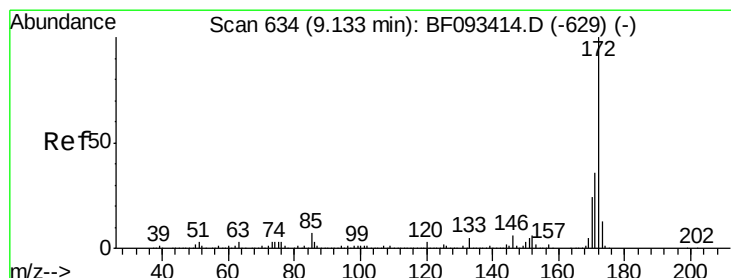
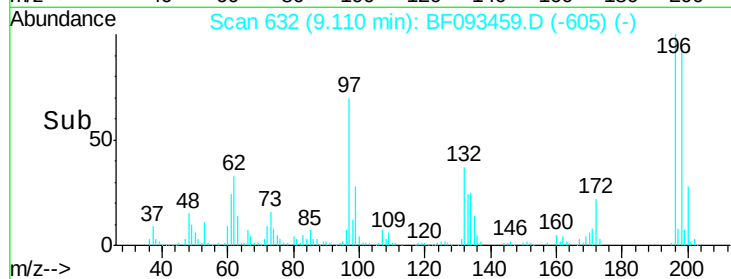
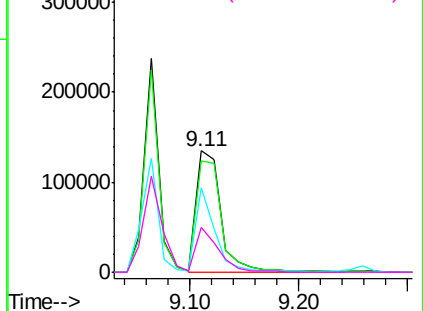
#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion:196 Resp: 211278
 Ion Ratio Lower Upper
 196 100
 198 92.1 79.4 119.2
 97 70.2 51.5 77.3
 132 37.3 27.4 41.2

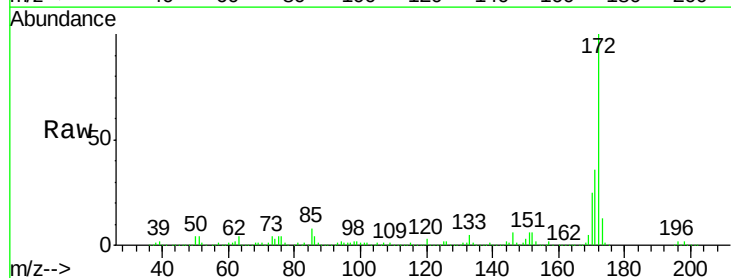


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

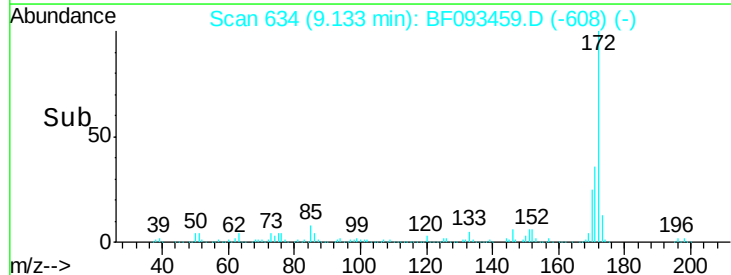
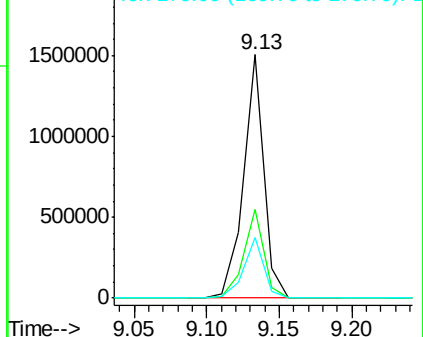


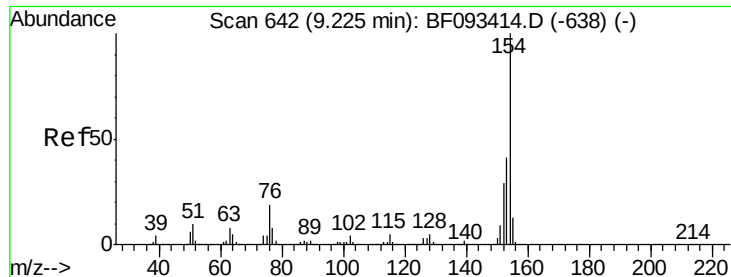
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:172 Resp: 1462712
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 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

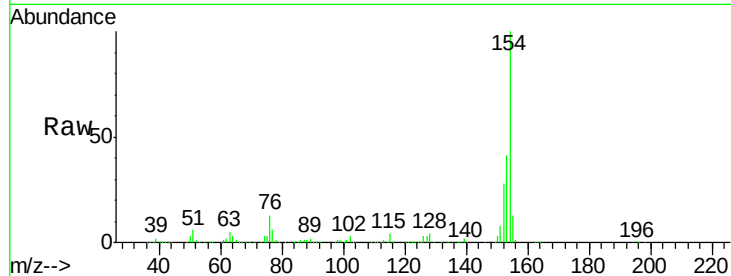




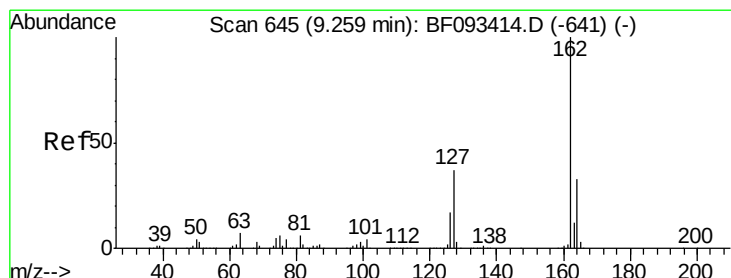
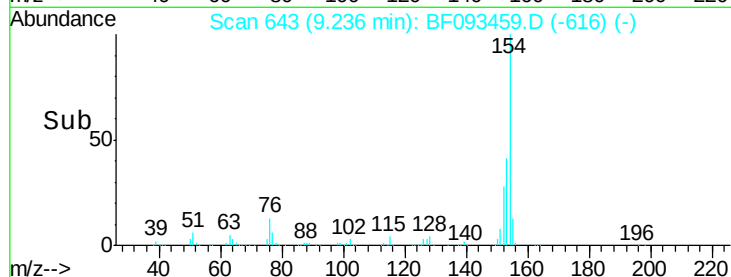
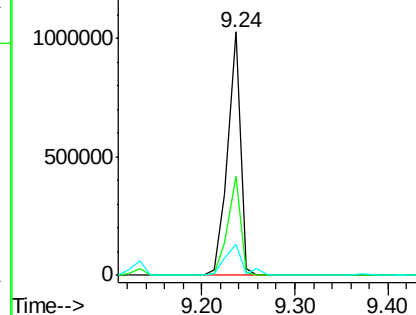
#45
 1,1'-Biphenyl
 Concen: 44.84 ng
 RT: 9.24 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	12.6	0.0	30.5

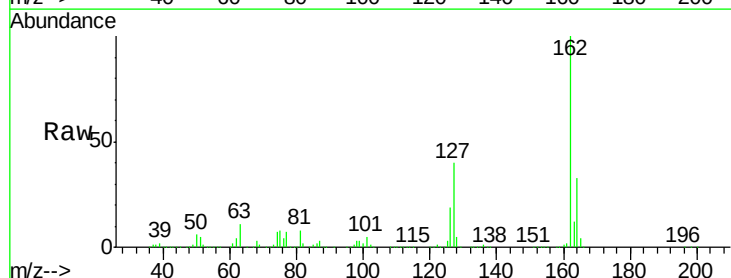


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

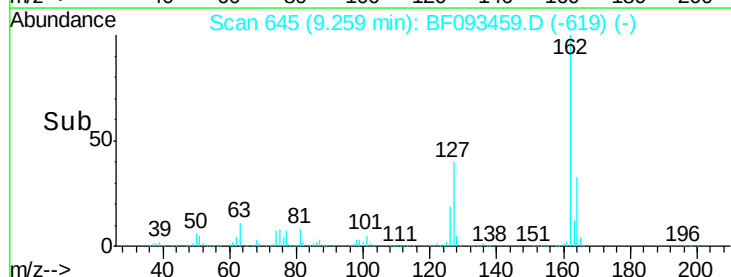
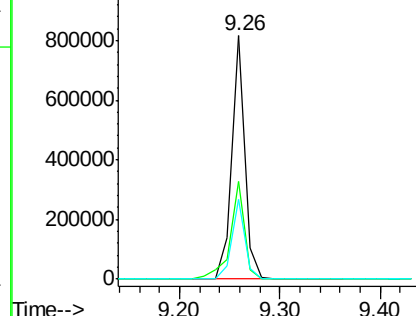


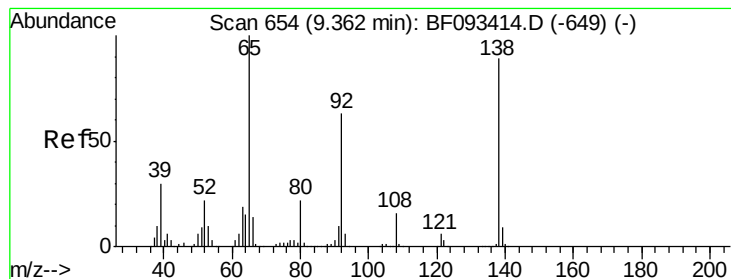
#46
 2-Chloronaphthalene
 Concen: 44.03 ng
 RT: 9.26 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	32.7	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: 45.38 ng

RT: 9.37 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

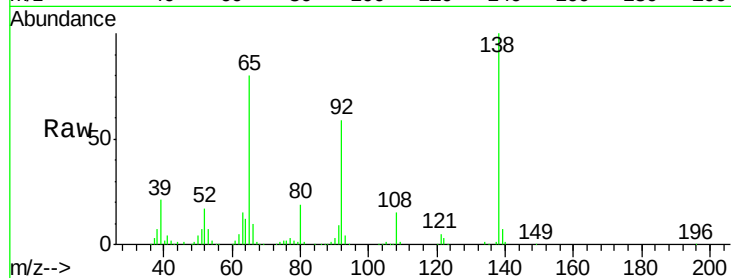
Tgt Ion: 65 Resp: 267971

Ion Ratio Lower Upper

65 100

92 74.1 53.9 80.9

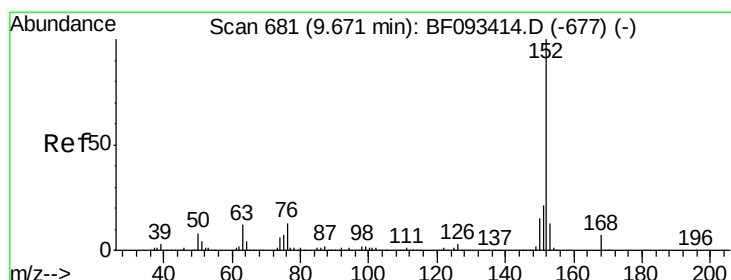
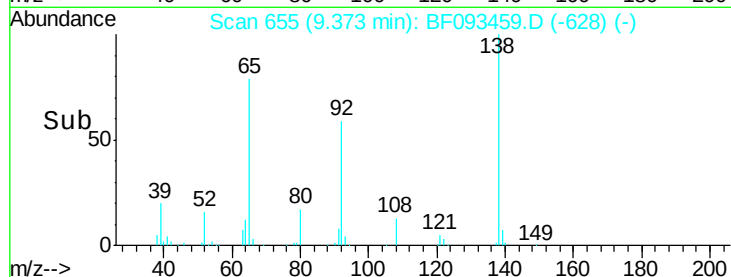
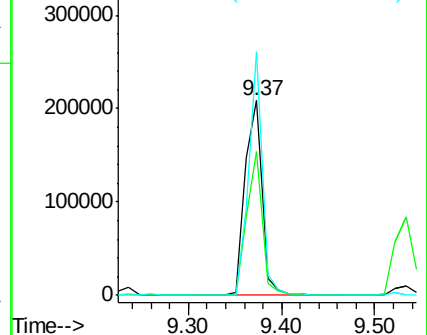
138 125.0 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.13 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

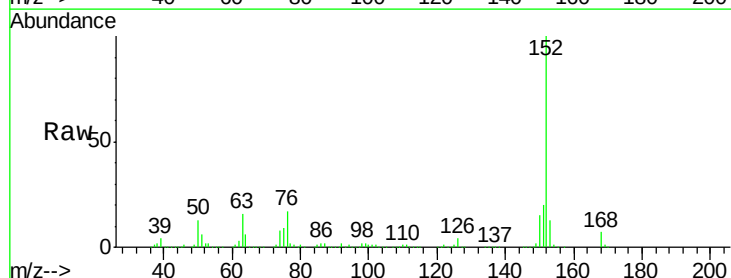
Tgt Ion: 152 Resp: 1050334

Ion Ratio Lower Upper

152 100

151 20.1 16.9 25.3

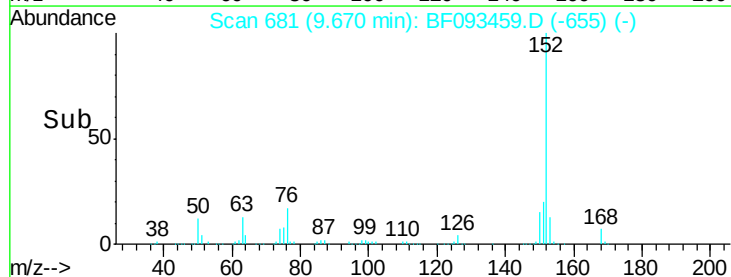
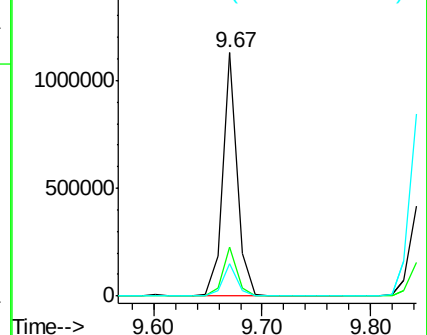
153 13.3 11.4 17.2

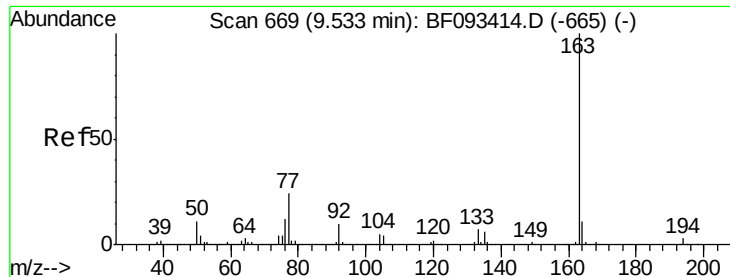


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.24 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

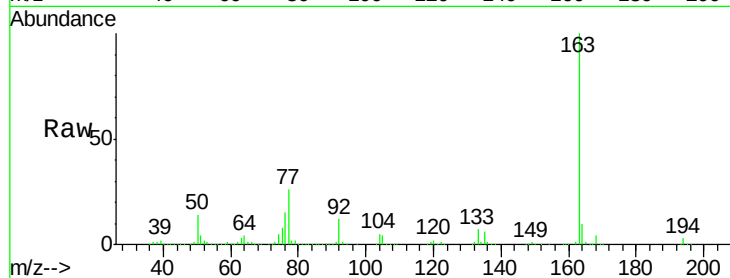
Tgt Ion:163 Resp: 858724

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

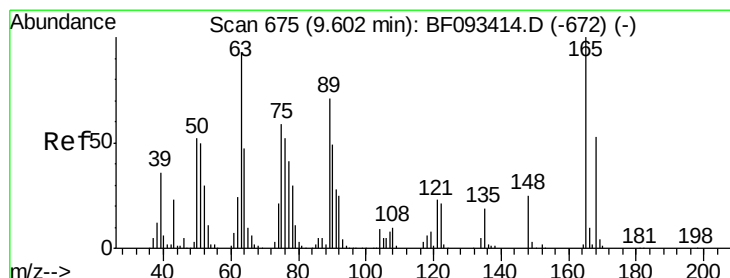
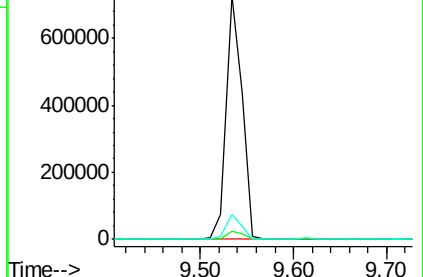
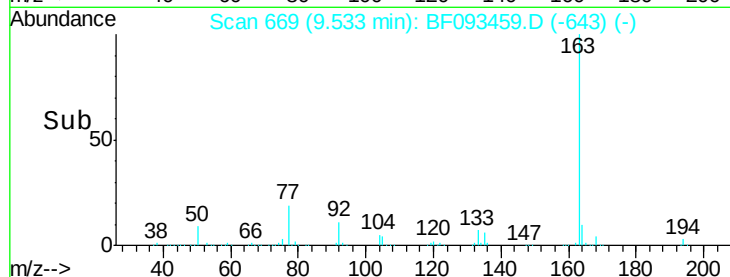
164 10.3 8.0 12.0



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: 40.74 ng

RT: 9.61 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

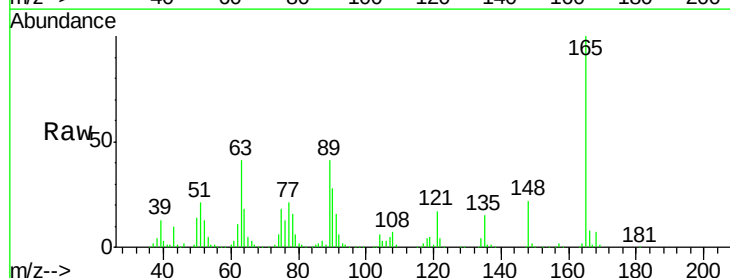
Tgt Ion:165 Resp: 177553

Ion Ratio Lower Upper

165 100

63 40.5 36.2 54.4

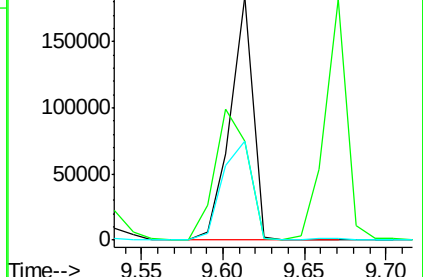
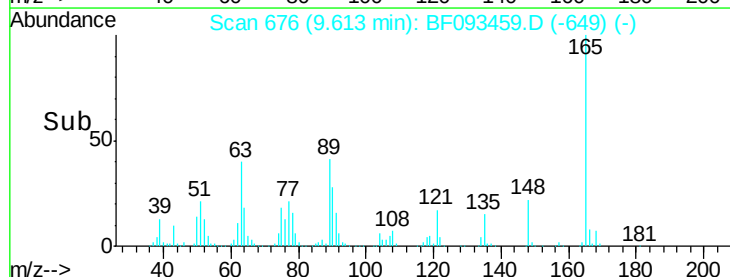
89 40.9 40.2 60.4

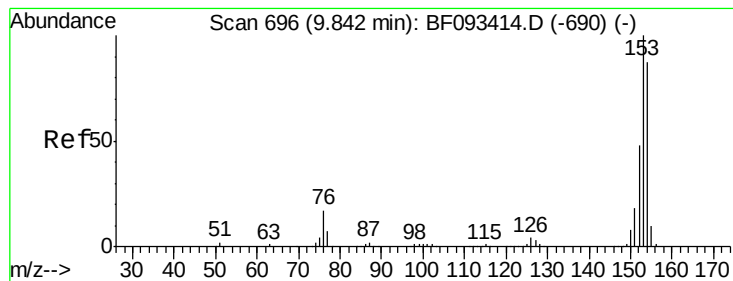


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.87 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

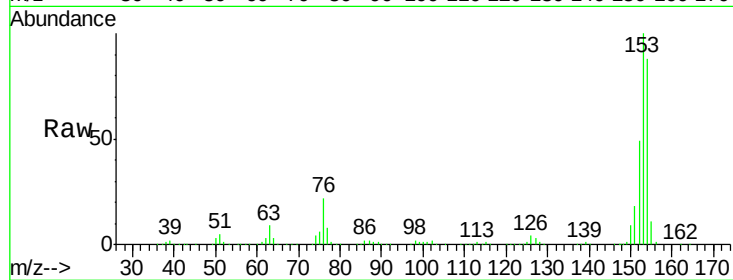
Tgt Ion:154 Resp: 649428

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

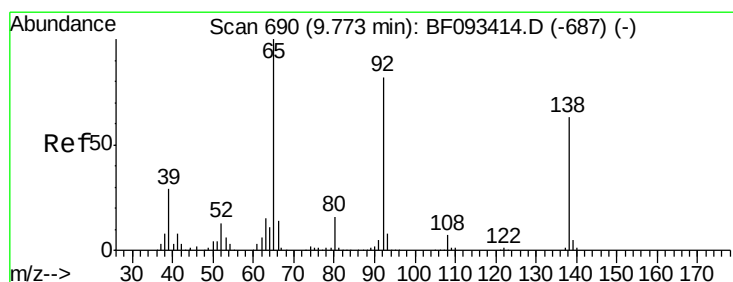
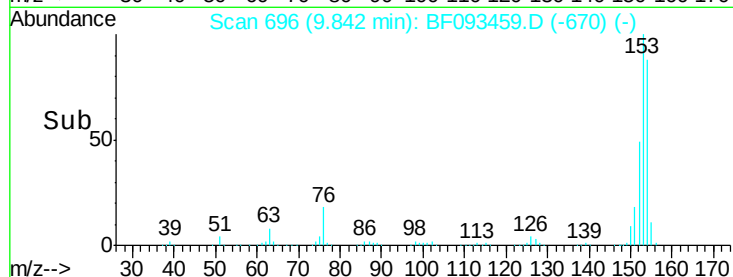
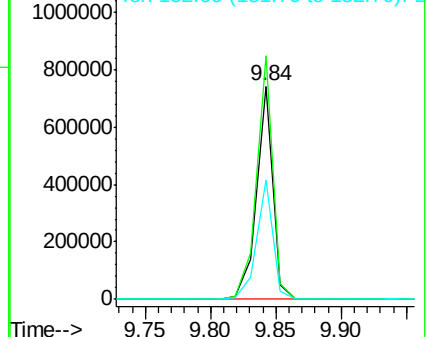
152 56.2 41.6 62.4



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: 23.38 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

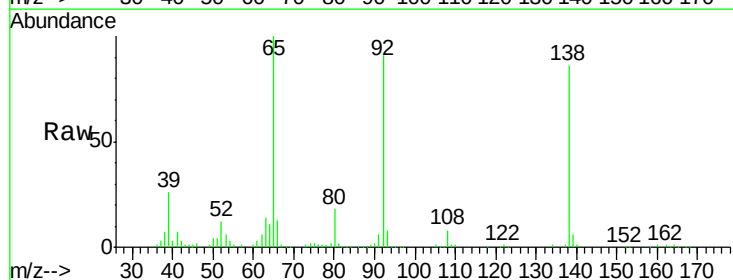
Tgt Ion:138 Resp: 122408

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

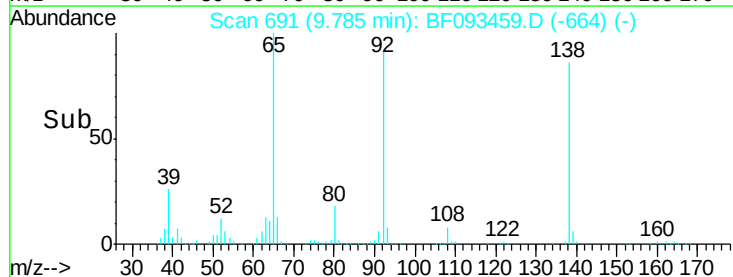
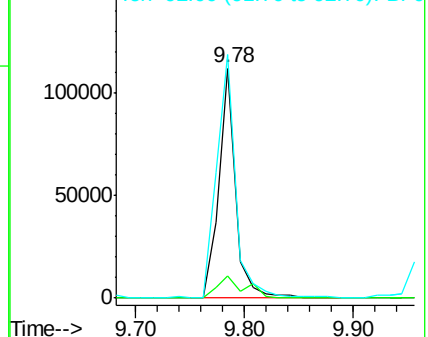
92 106.0 97.8 146.8

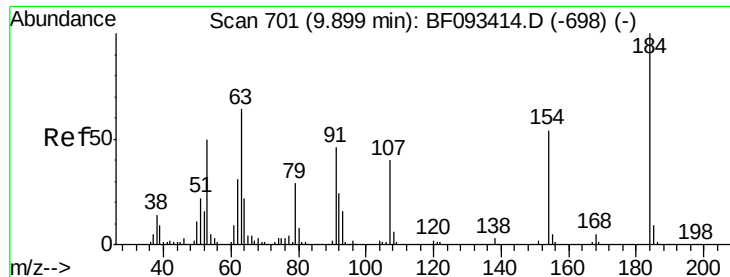


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

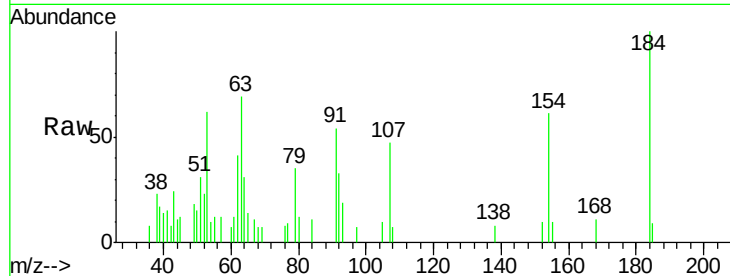




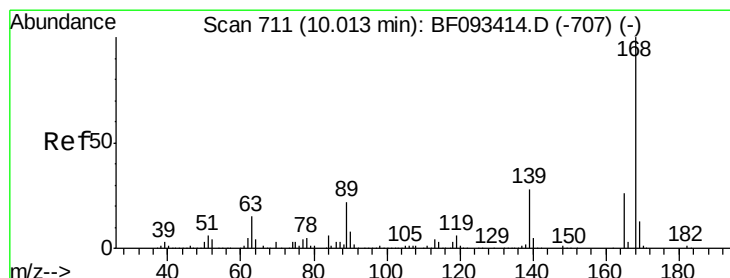
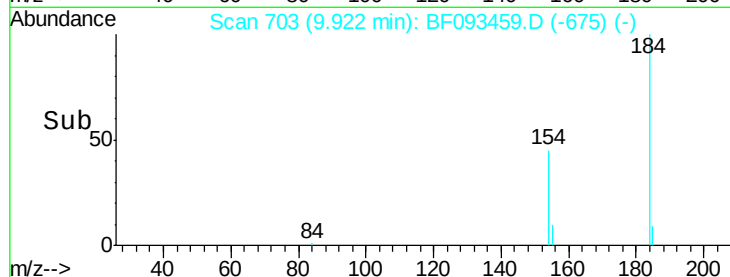
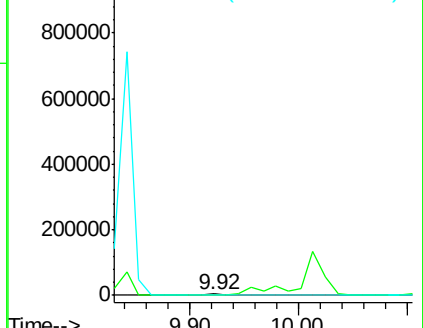
#53
2,4-Dinitrophenol
Concen: 5.54 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.02 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

Tgt Ion:184 Resp: 10994
Ion Ratio Lower Upper
184 100
63 69.3 28.4 42.6#
154 61.2 44.3 66.5

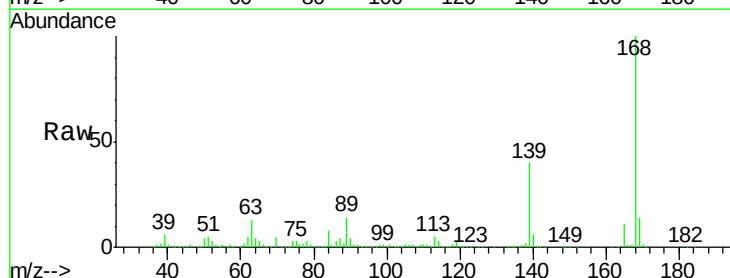


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

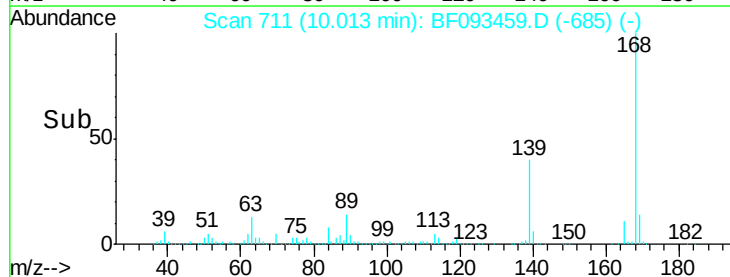
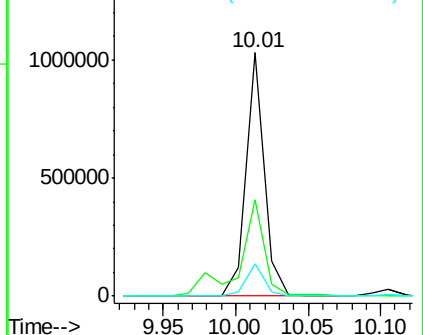


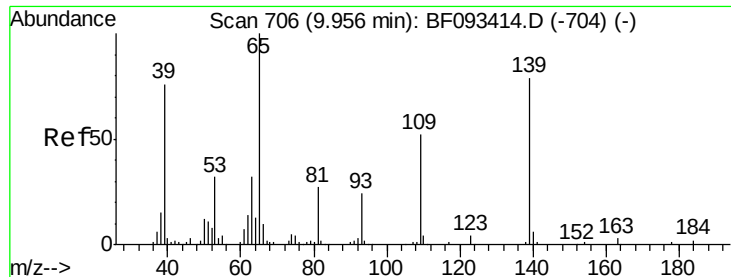
#54
Dibenzofuran
Concen: 44.10 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion:168 Resp: 899188
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 13.6 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: 200.20 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.06 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

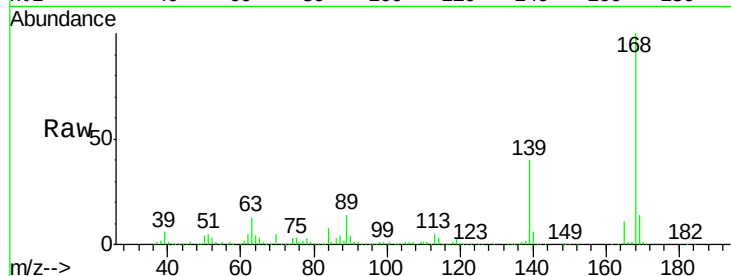
Tgt Ion:139 Resp: 509082

Ion Ratio Lower Upper

139 100

109 3.0 52.2 92.2#

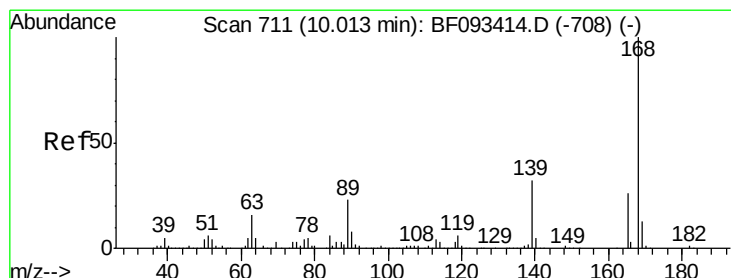
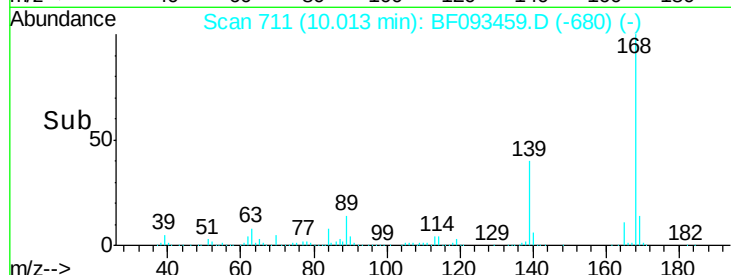
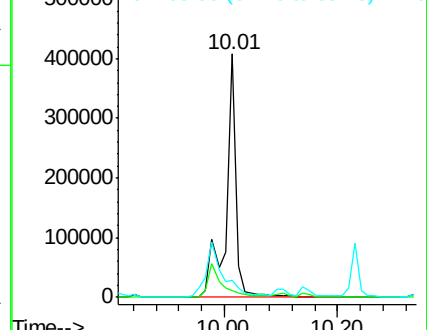
65 6.8 85.8 125.8#



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: 36.64 ng

RT: 10.02 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Tgt Ion:165 Resp: 196152

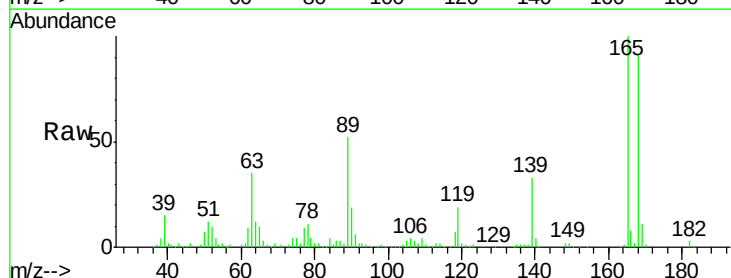
Ion Ratio Lower Upper

165 100

63 34.6 40.2 60.4#

89 52.3 62.5 93.7#

182 2.5 1.8 2.8

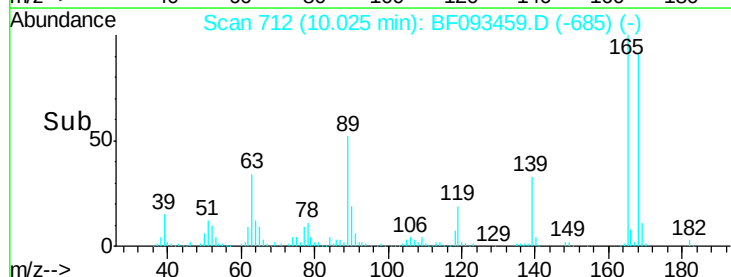
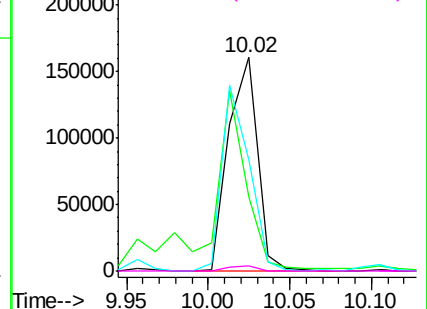


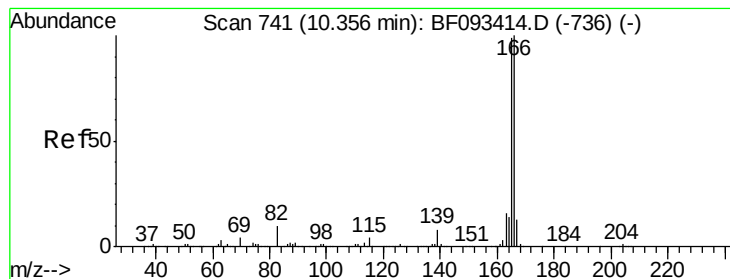
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.39 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

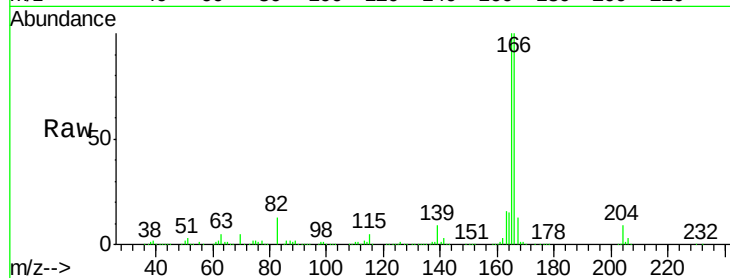
Tgt Ion:166 Resp: 697806

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

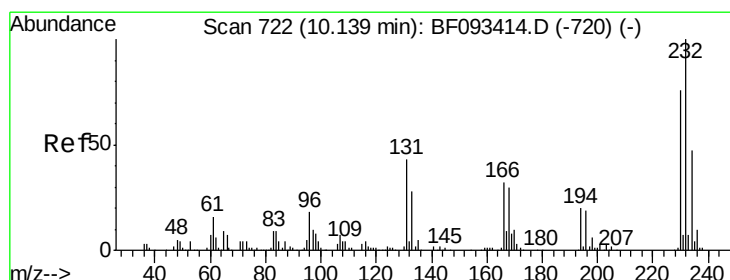
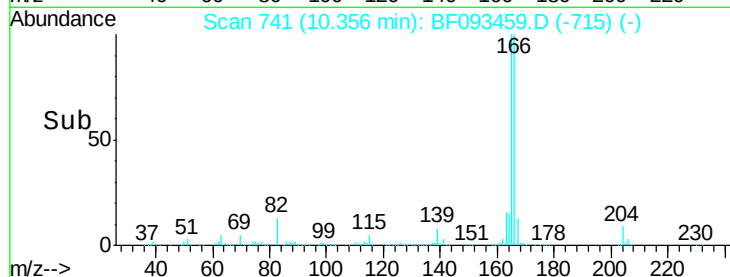
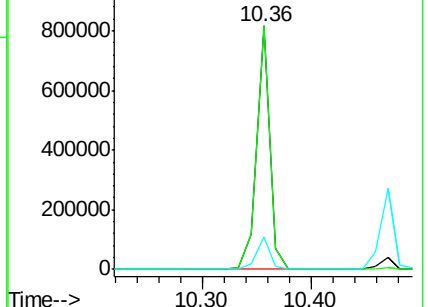
167 13.1 10.8 16.2



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: 36.39 ng

RT: 10.15 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Tgt Ion:232 Resp: 140828

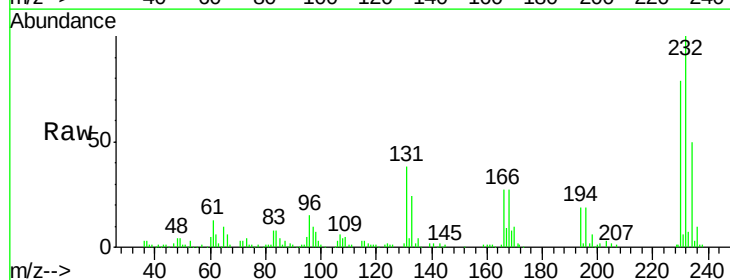
Ion Ratio Lower Upper

232 100

131 50.3 40.1 60.1

130 2.4 1.8 2.8

166 31.4 26.6 39.8

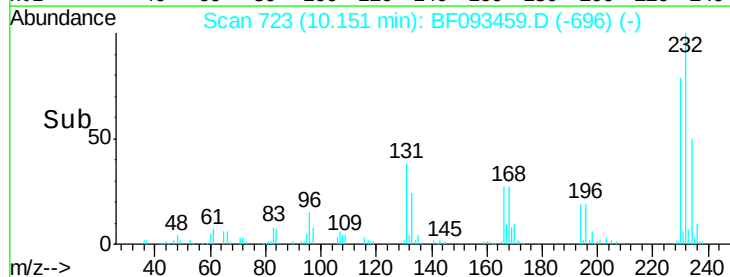
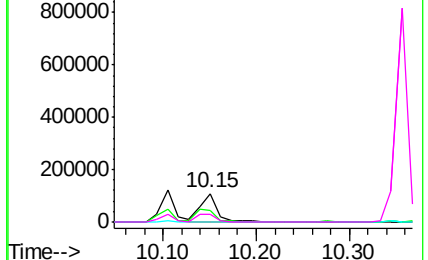


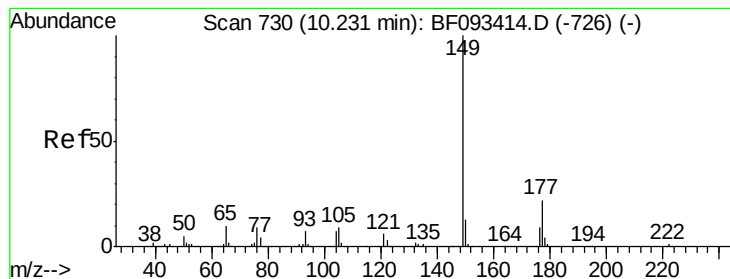
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.35 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

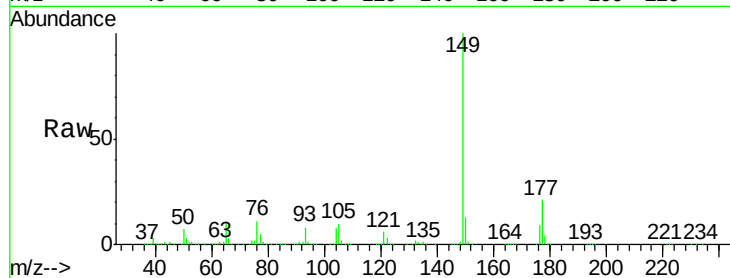
Tgt Ion:149 Resp: 784880

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

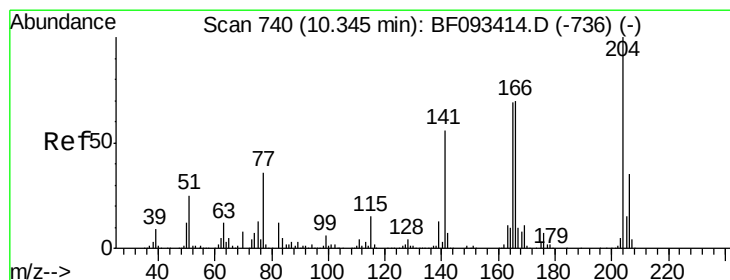
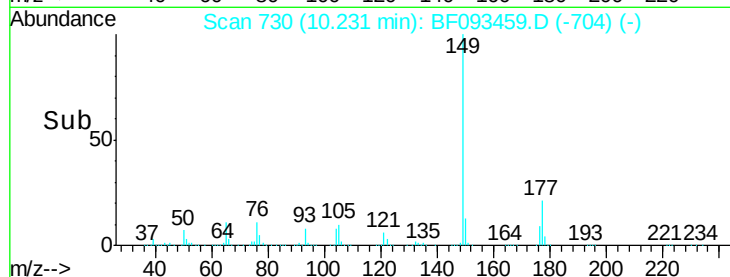
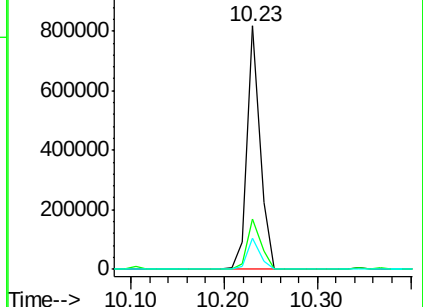
150 12.8 10.4 15.6



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: 41.56 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

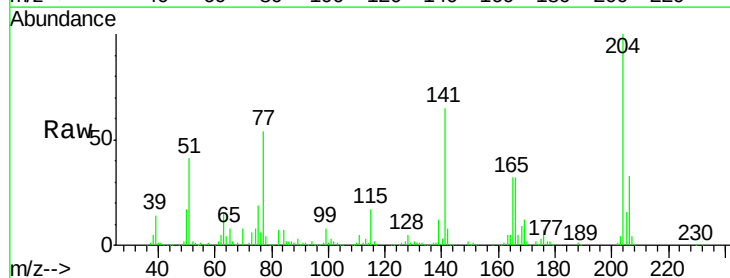
Tgt Ion:204 Resp: 321857

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

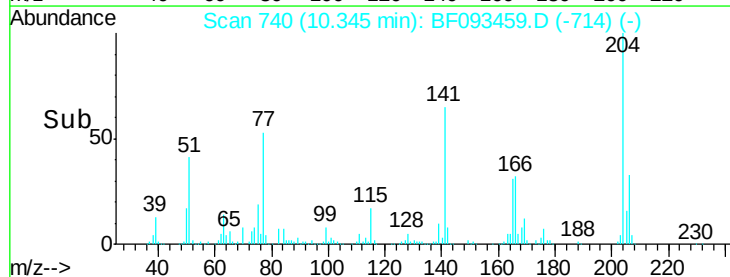
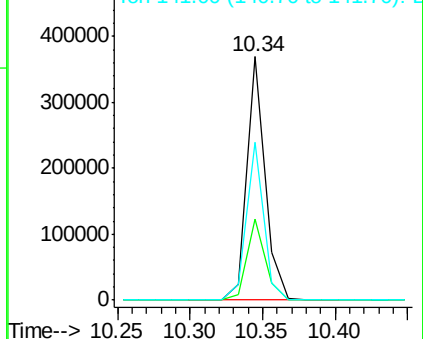
141 65.1 59.4 89.0

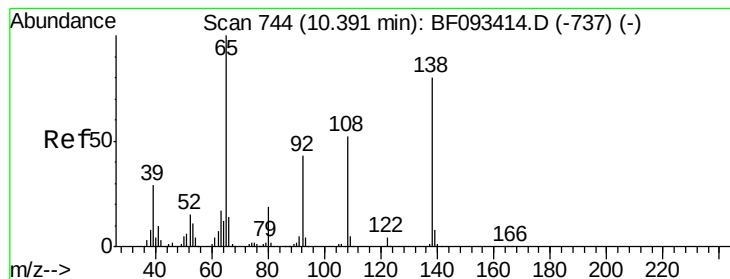


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.73 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

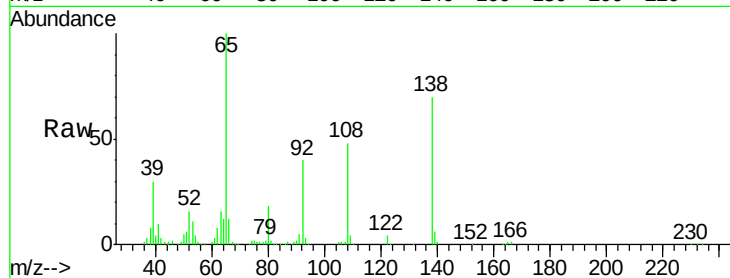
Tgt Ion:138 Resp: 175249

Ion Ratio Lower Upper

138 100

92 57.1 31.7 71.7

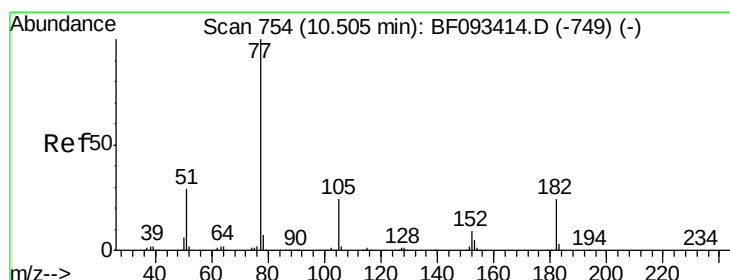
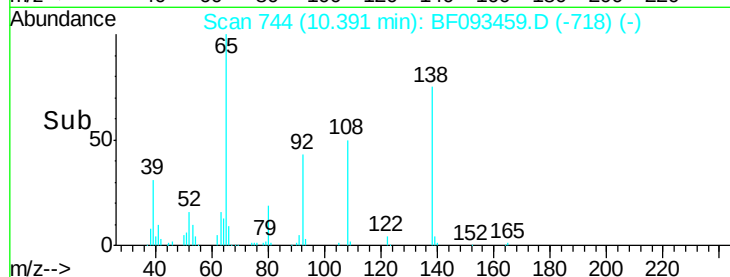
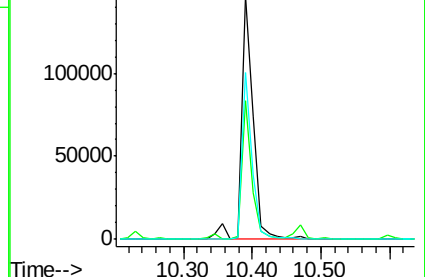
108 68.5 52.6 92.6



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: 41.61 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Tgt Ion: 77 Resp: 897373

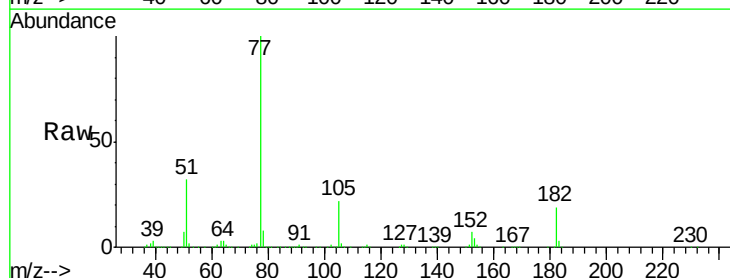
Ion Ratio Lower Upper

77 100

182 18.5 0.0 39.3

105 22.4 2.3 42.3

51 32.2 8.9 48.9

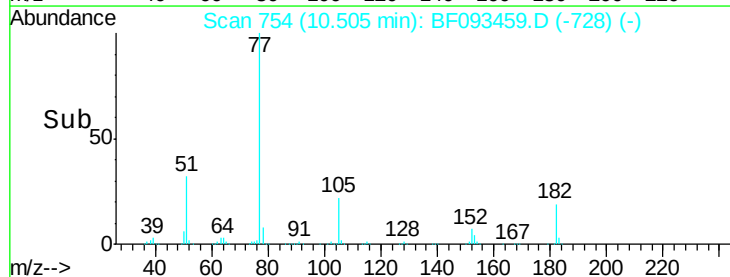
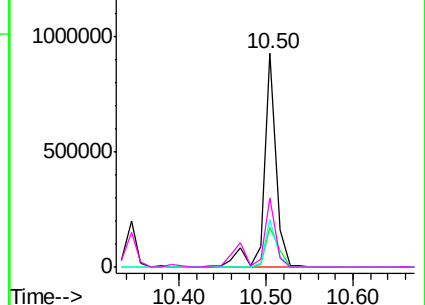


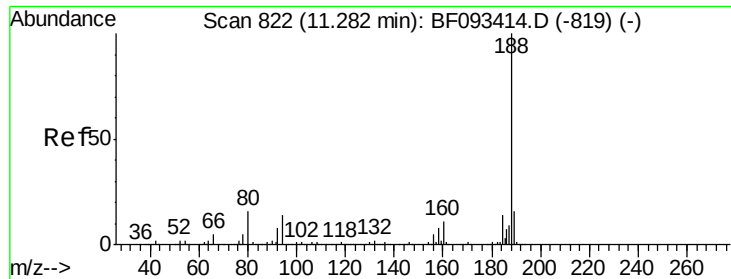
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

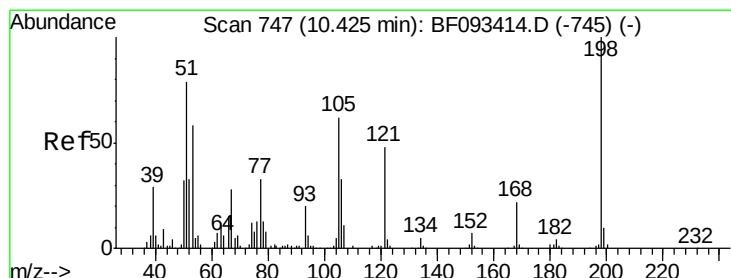
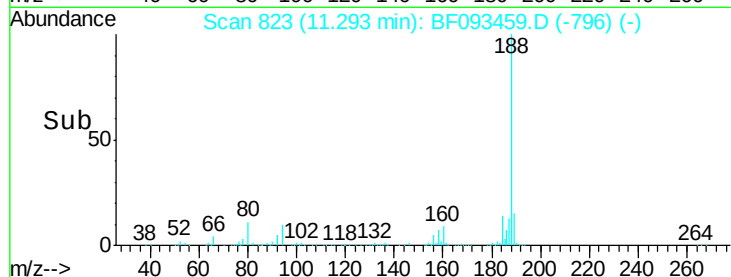
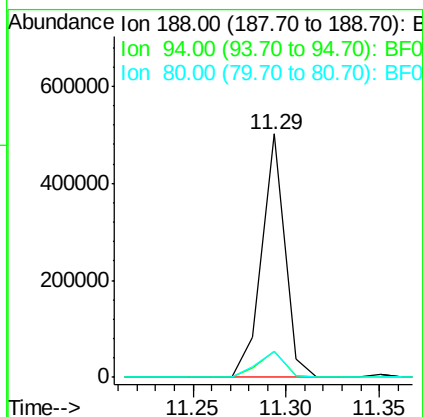
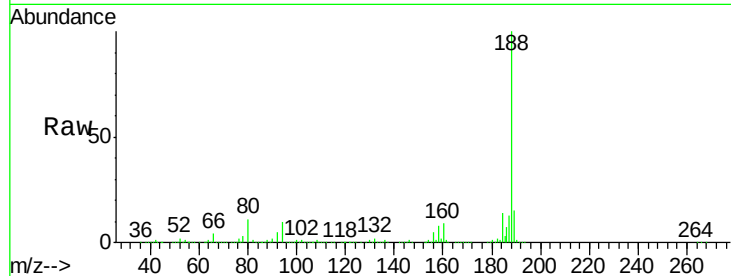




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

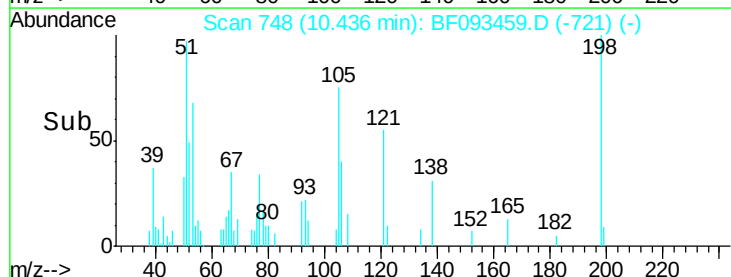
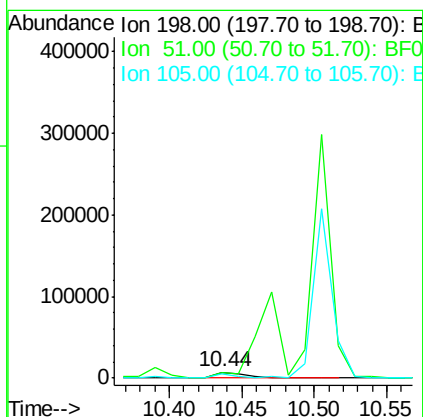
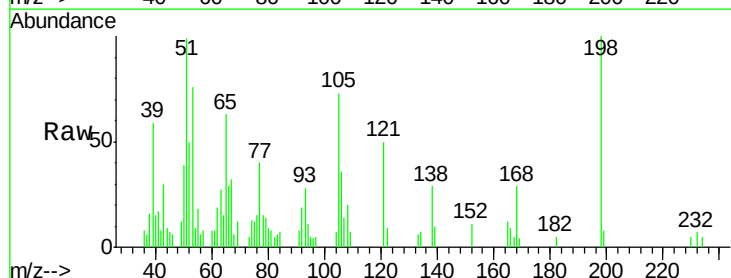
Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

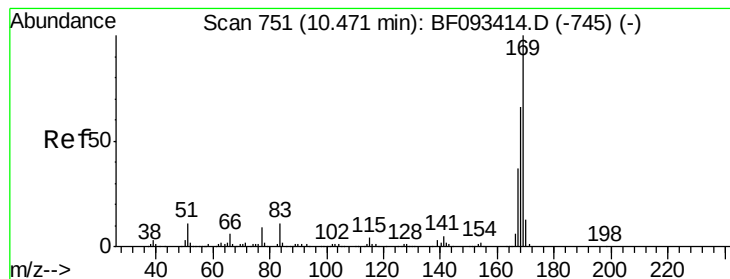
Tgt Ion:188 Resp: 427925
Ion Ratio Lower Upper
188 100
94 10.5 10.0 15.0
80 10.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.90 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion:198 Resp: 10824
Ion Ratio Lower Upper
198 100
51 99.1 6.7 46.7#
105 73.4 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 43.91 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

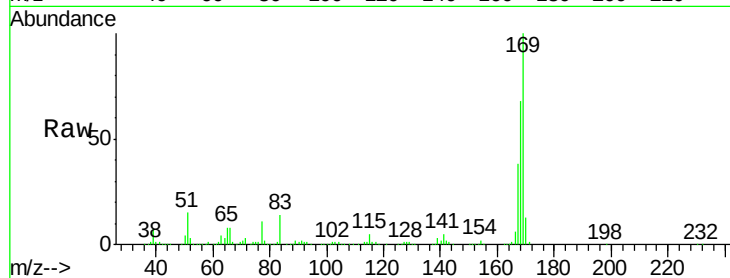
Tgt Ion:169 Resp: 627429

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

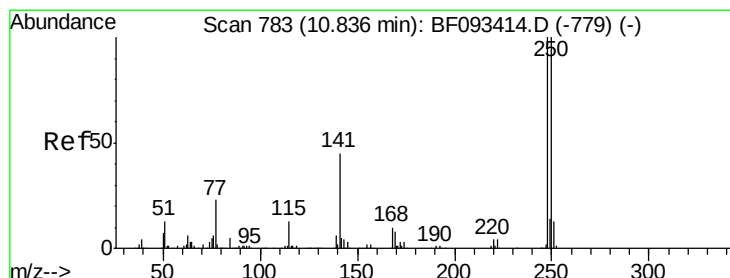
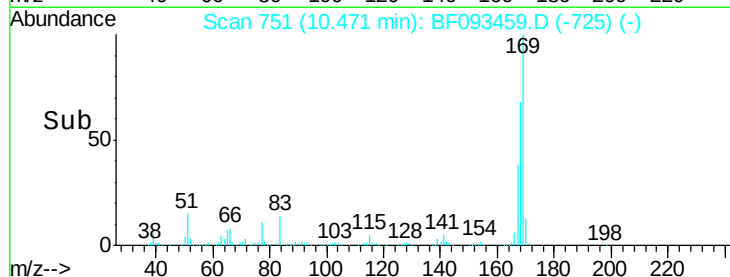
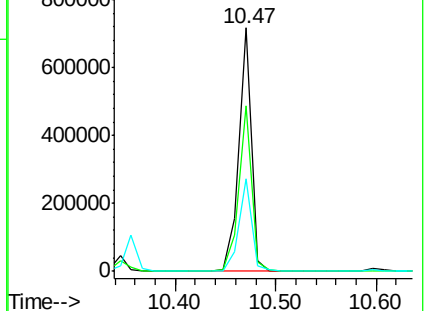
167 37.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.02 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

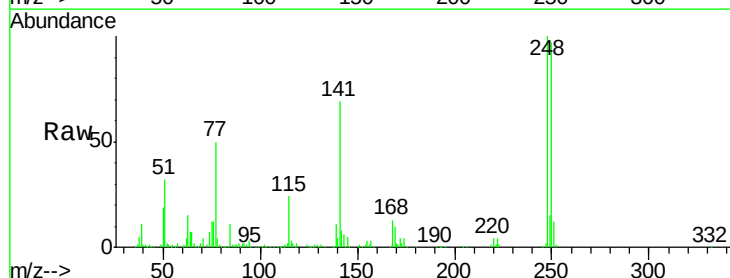
Tgt Ion:248 Resp: 185636

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

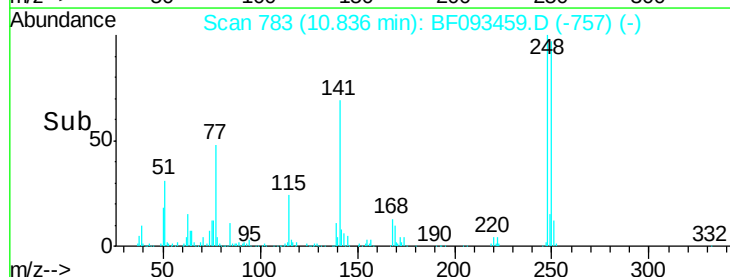
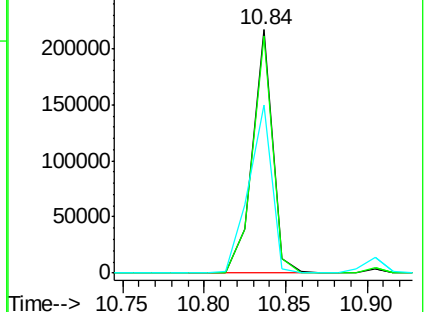
141 68.9 68.2 102.4

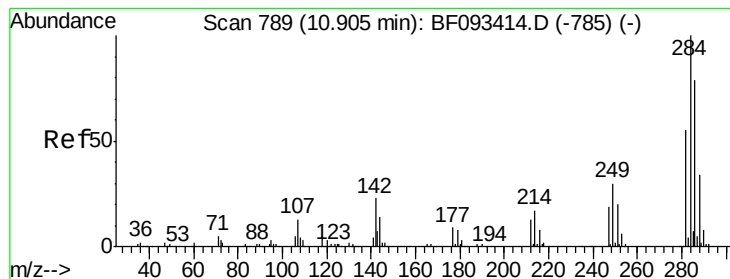


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.32 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

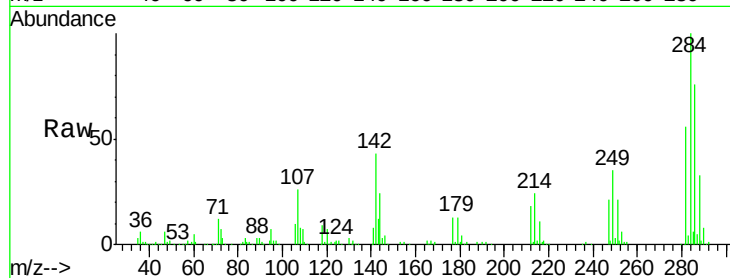
Tgt Ion:284 Resp: 161246

Ion Ratio Lower Upper

284 100

142 42.8 22.6 33.8#

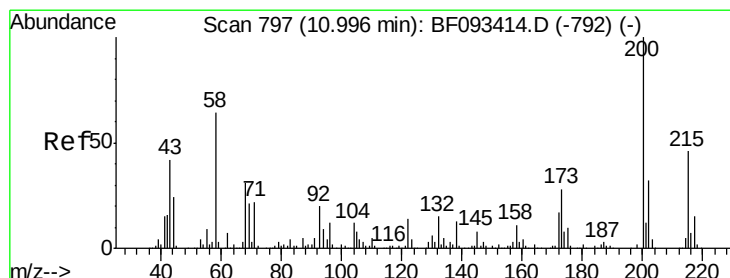
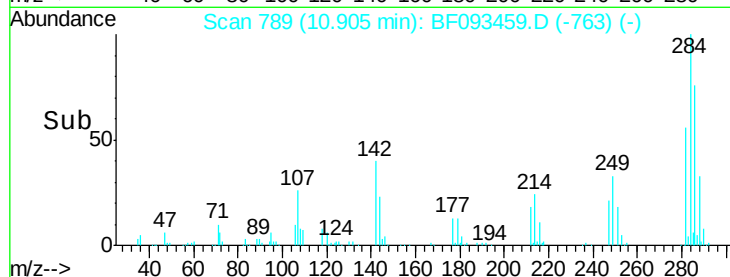
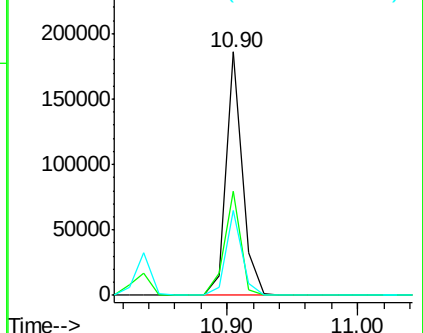
249 34.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.55 ng

RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

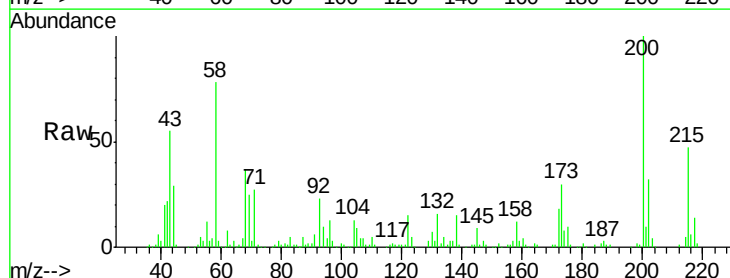
Tgt Ion:200 Resp: 119398

Ion Ratio Lower Upper

200 100

173 29.7 9.6 49.6

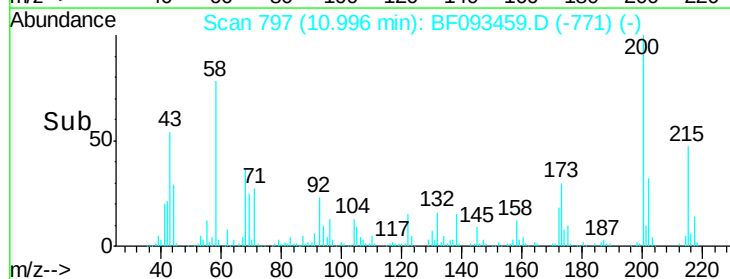
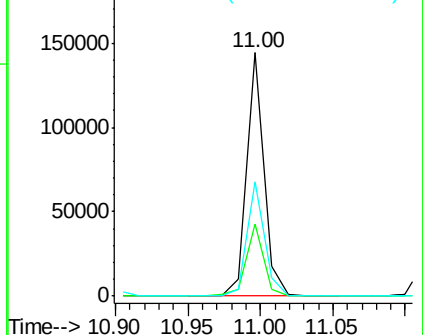
215 46.9 25.7 65.7

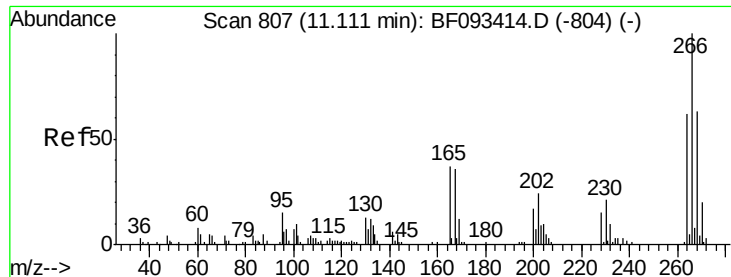


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

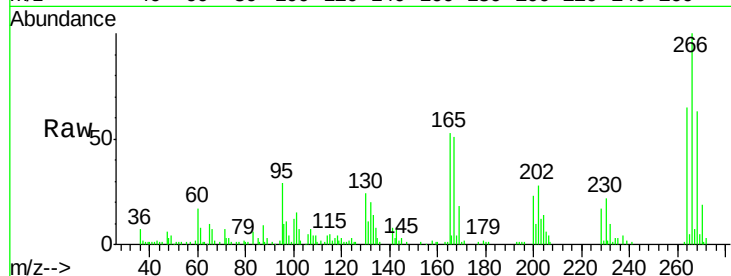




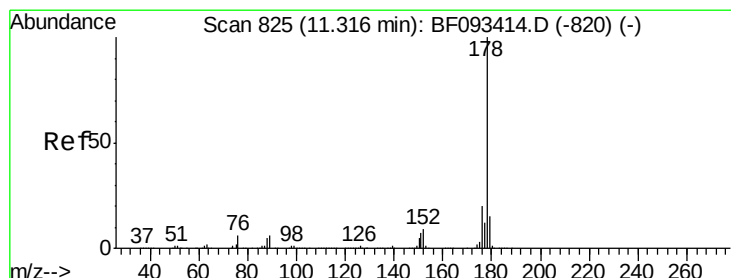
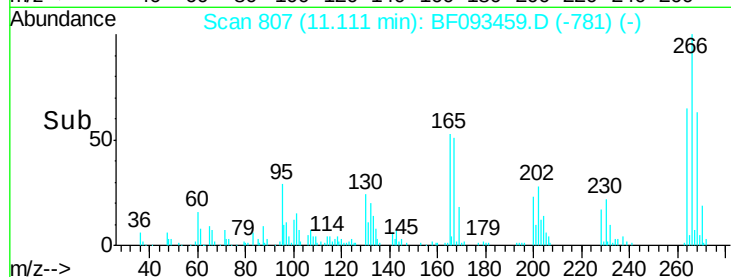
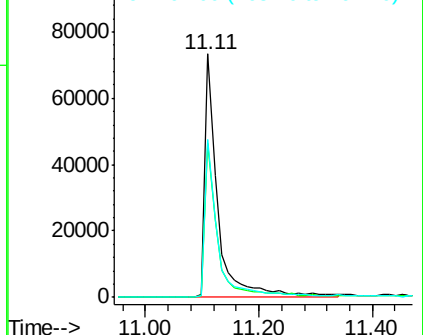
#69
 Pentachlorophenol
 Concen: 75.54 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion: 266 Resp: 112702
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.3 79.9
 264 64.9 50.3 75.5

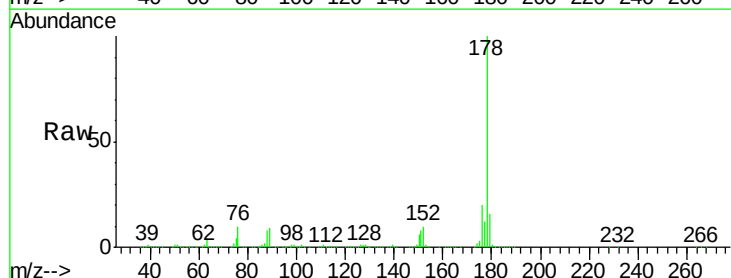


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

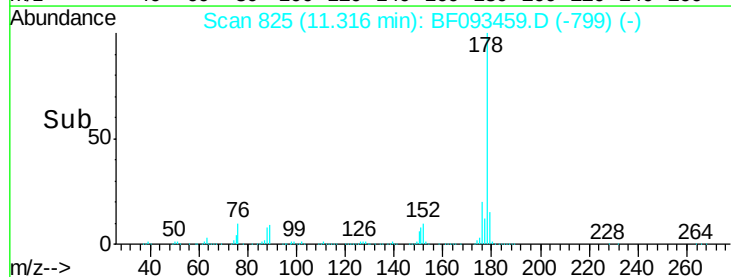
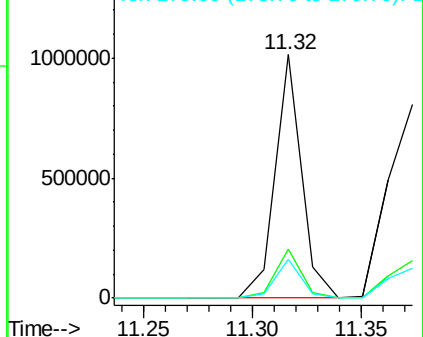


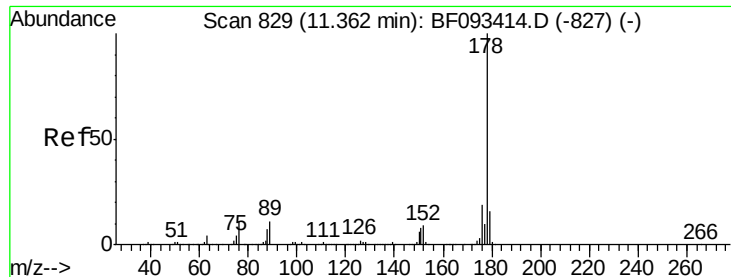
#70
 Phenanthrene
 Concen: 35.69 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion: 178 Resp: 871834
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.7 12.8 19.2



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

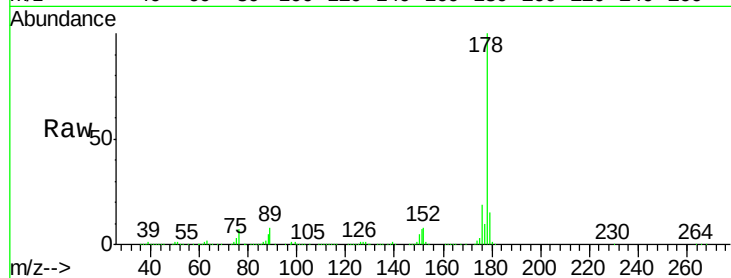




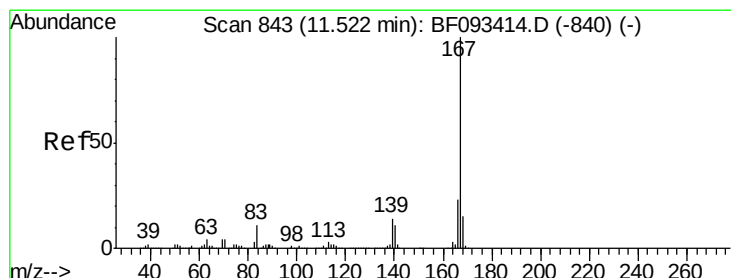
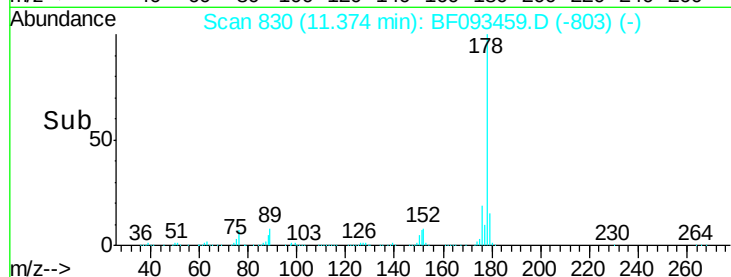
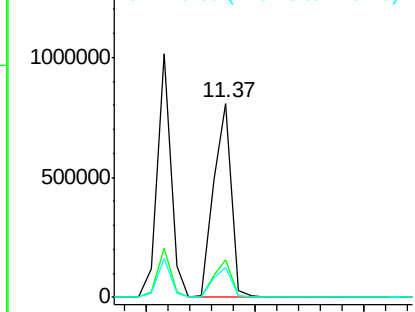
#71
 Anthracene
 Concen: 37.51 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion:178 Resp: 926923
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.5 13.2 19.8

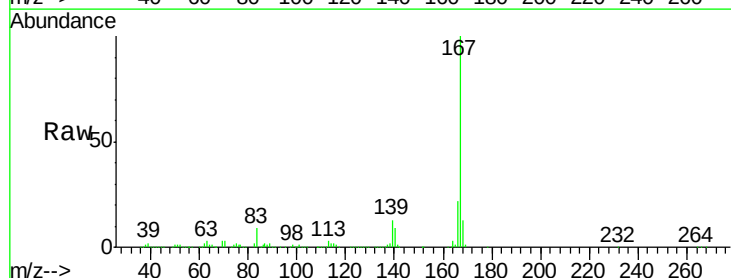


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

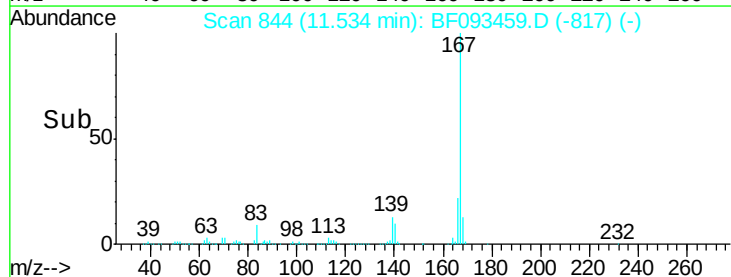
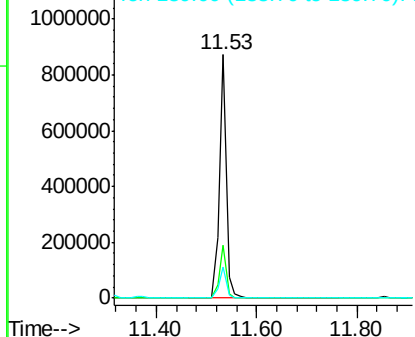


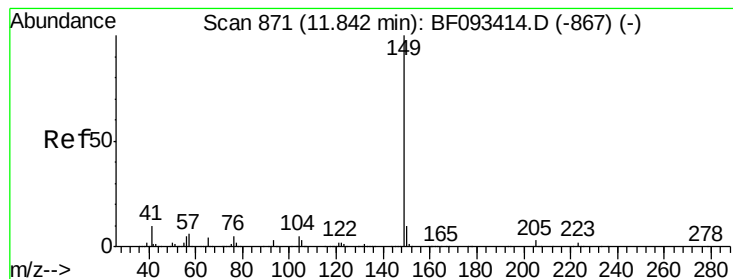
#72
 Carbazole
 Concen: 35.39 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion:167 Resp: 821516
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.7 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.72 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

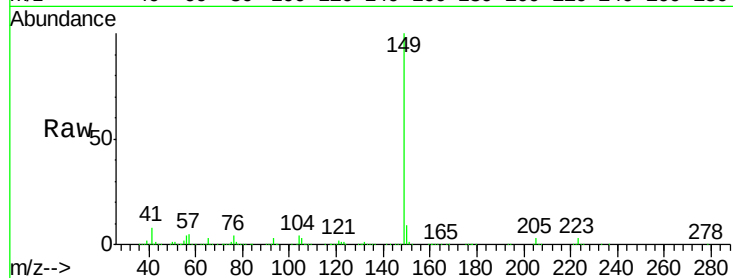
Tgt Ion:149 Resp: 1120343

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

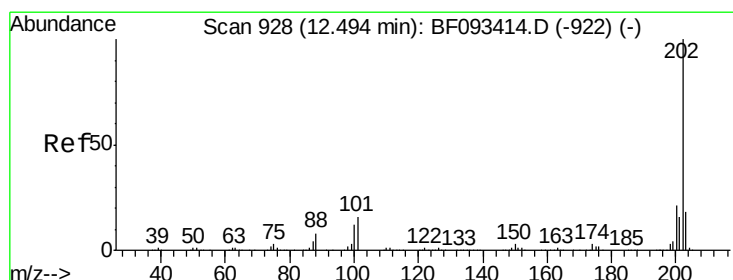
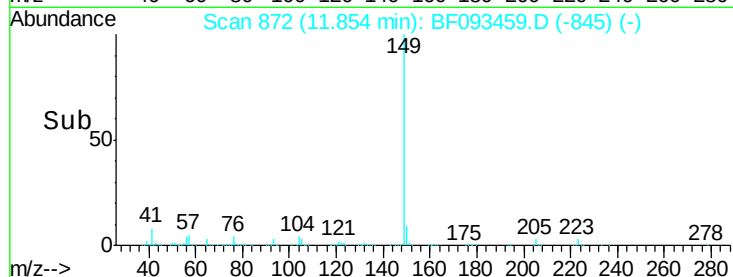
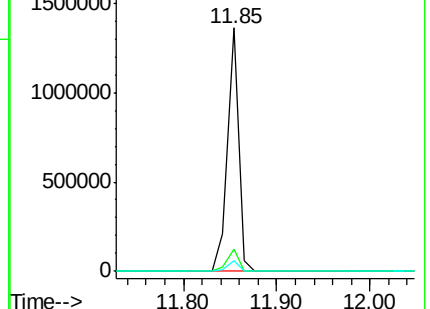
104 4.5 4.6 7.0#



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: 35.02 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

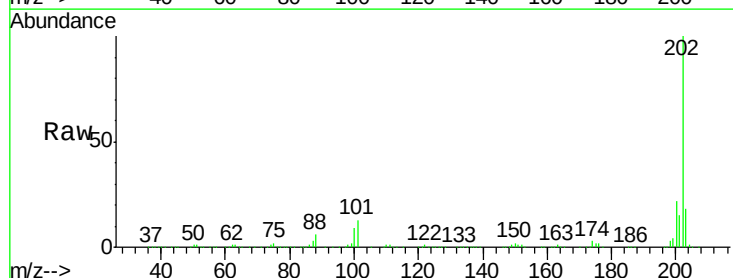
Tgt Ion:202 Resp: 826251

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

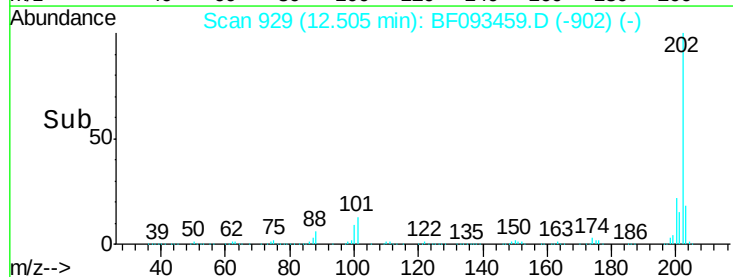
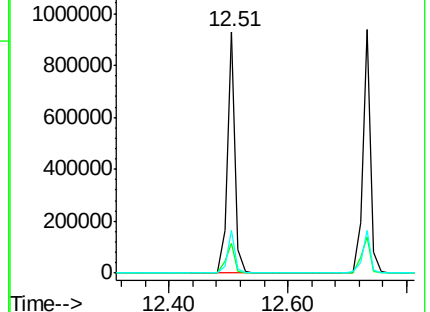
203 17.5 0.0 38.7

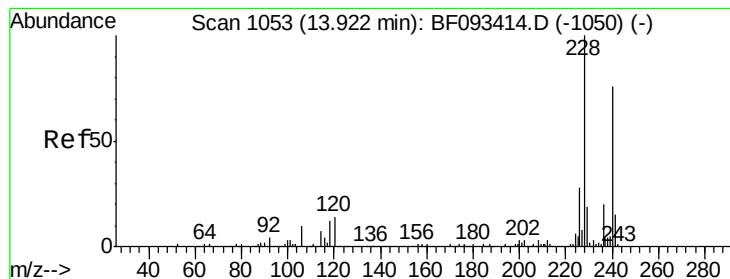


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

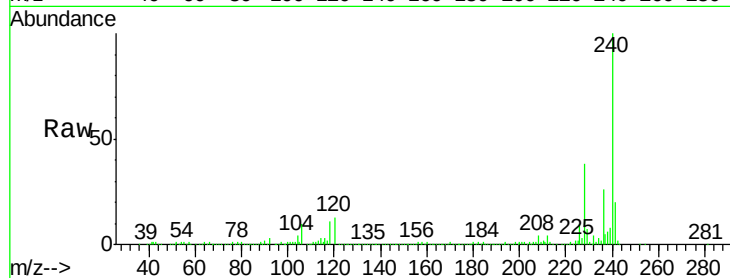
Tgt Ion:240 Resp: 372400

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

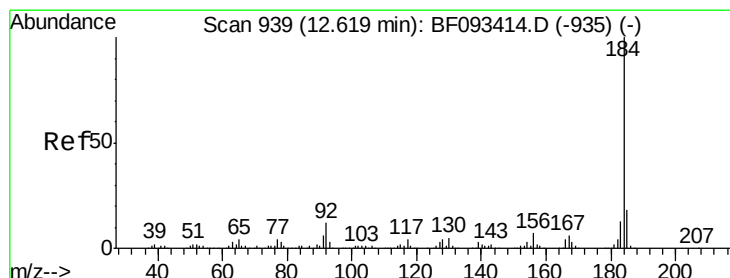
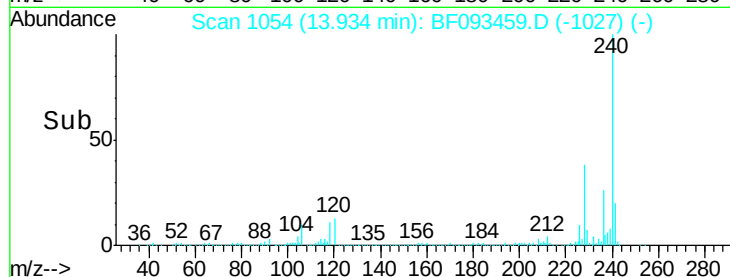
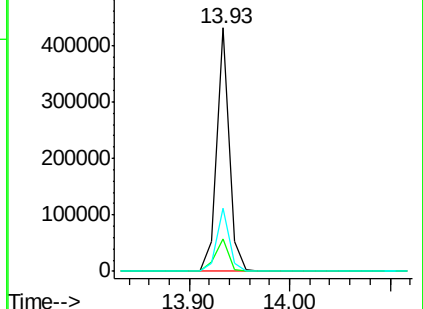
236 26.2 20.9 31.3



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: 13.80 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

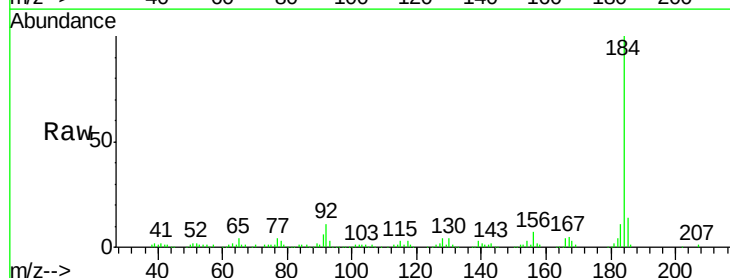
Tgt Ion:184 Resp: 169002

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

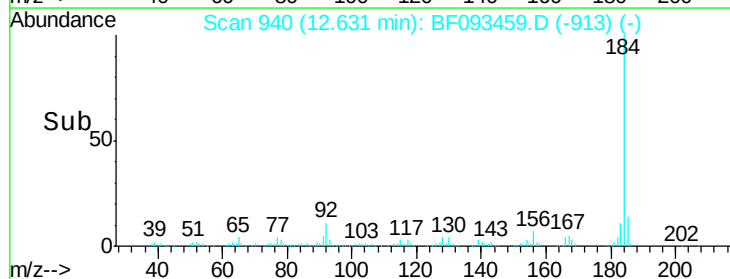
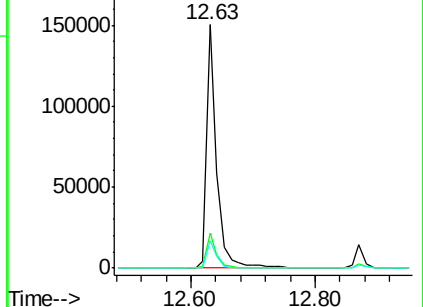
183 11.3 9.2 13.8

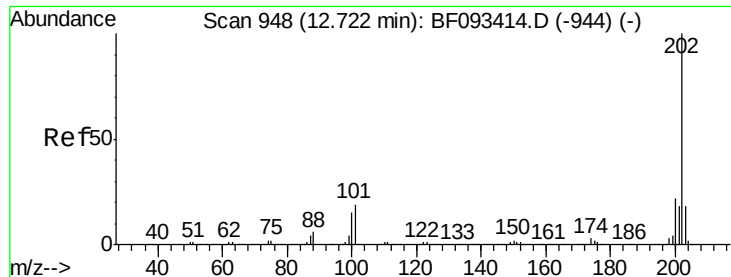


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

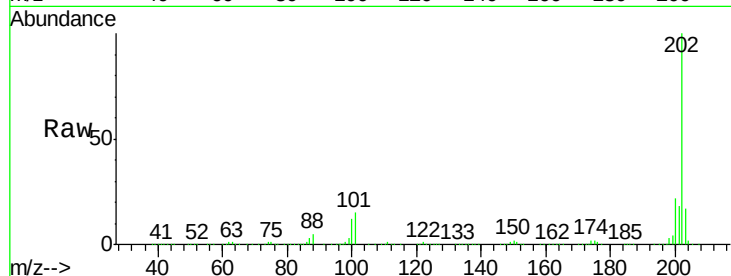




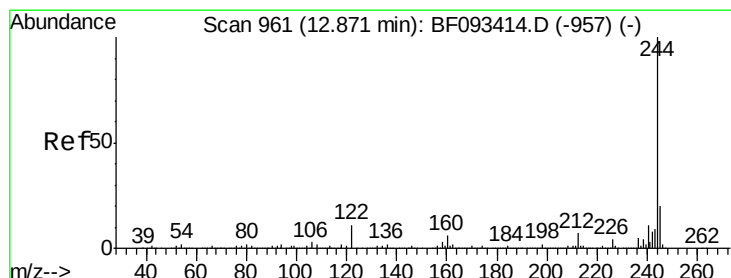
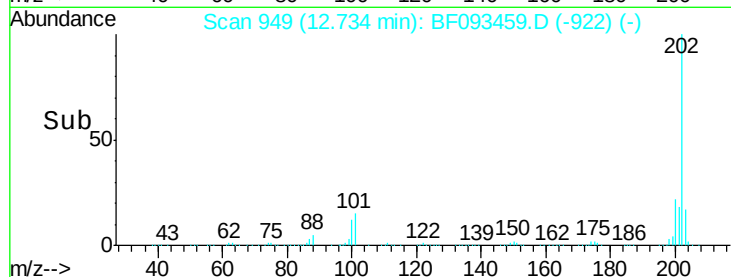
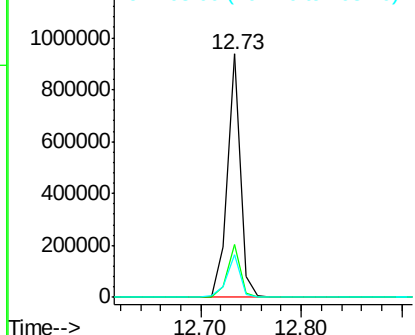
#77
Pyrene
 Concen: 31.15 ng
 RT: 12.73 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion: 202 Resp: 843589
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 17.3 14.7 22.1

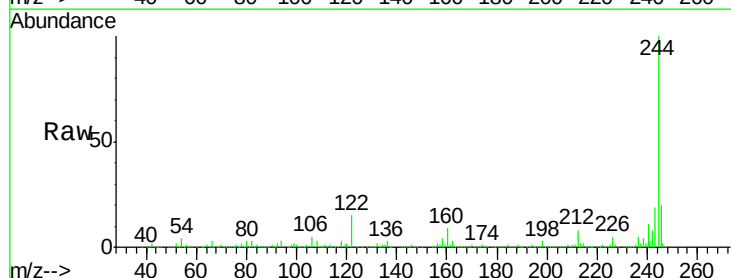


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

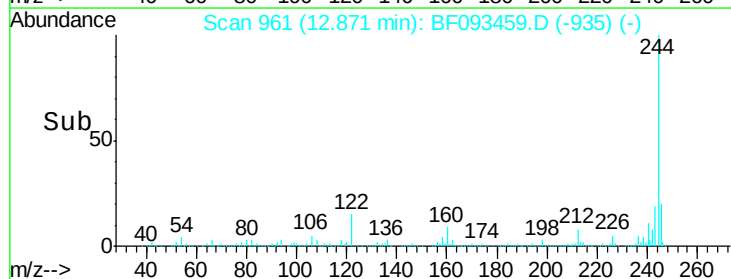
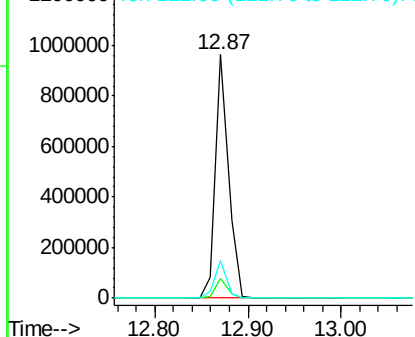


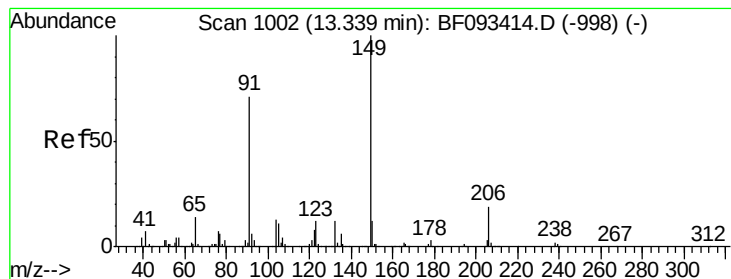
#78
Terphenyl-d14
 Concen: 65.36 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion: 244 Resp: 936209
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 15.3 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: 34.88 ng

RT: 13.35 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

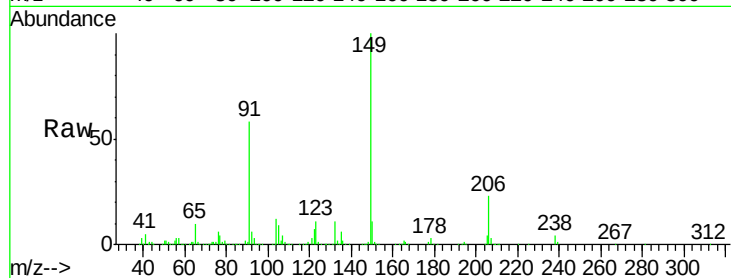
Tgt Ion:149 Resp: 397690

Ion Ratio Lower Upper

149 100

91 57.8 63.9 95.9#

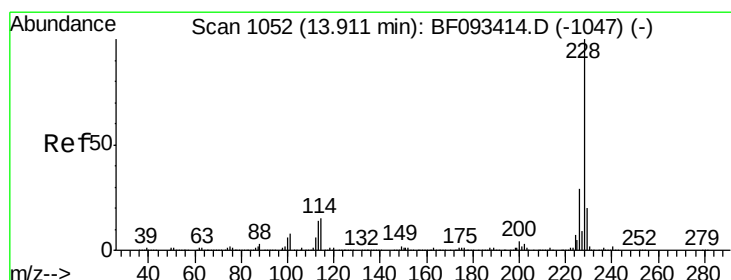
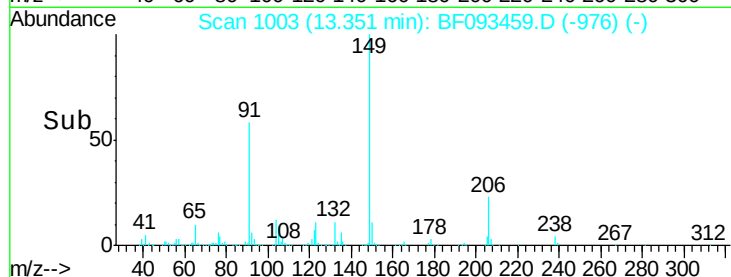
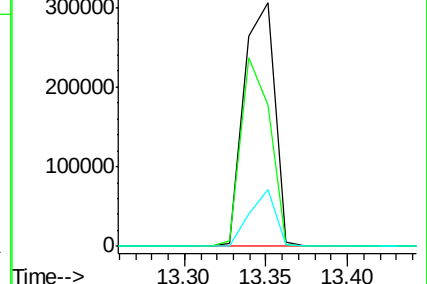
206 23.3 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.05 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

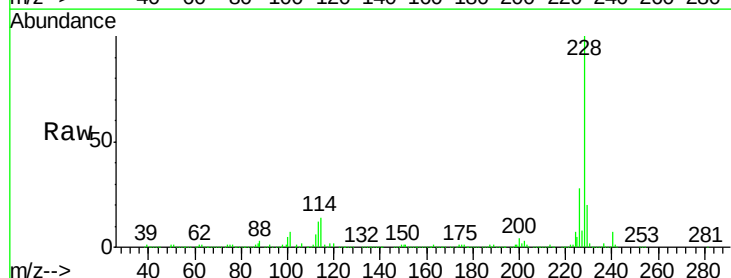
Tgt Ion:228 Resp: 770829

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

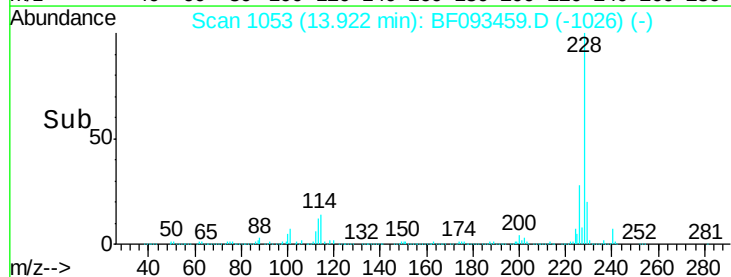
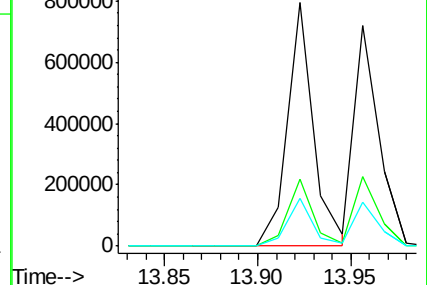
229 19.8 16.2 24.4

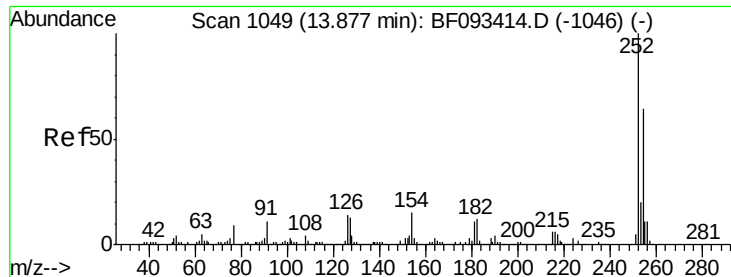


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

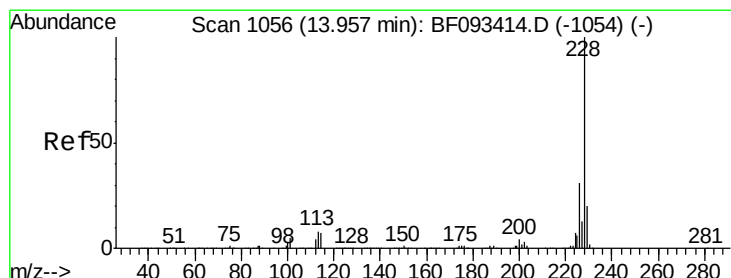
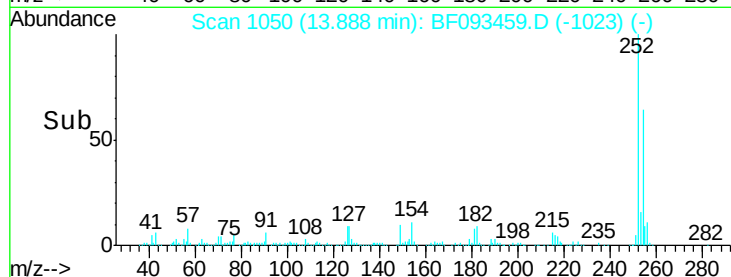
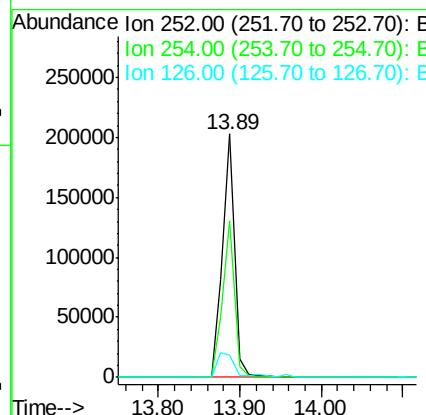
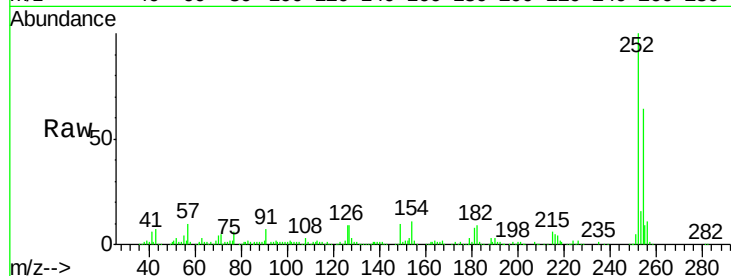




#81
 3,3'-Dichlorobenzidine
 Concen: 27.44 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

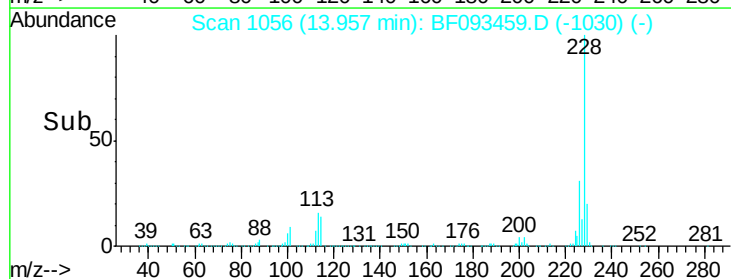
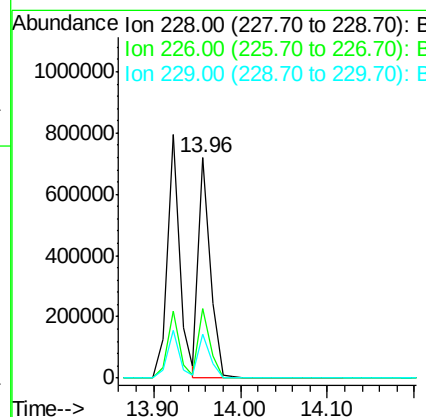
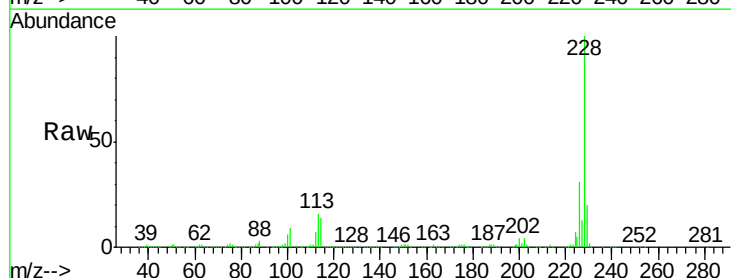
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

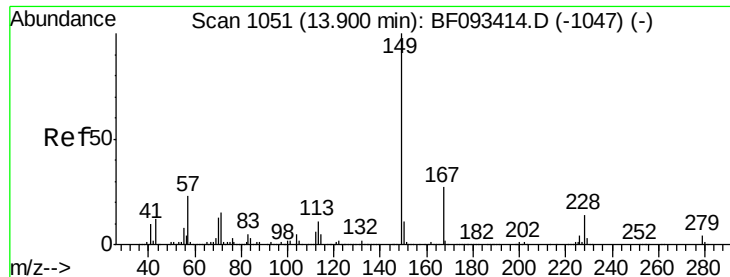
Tgt Ion: 252 Resp: 211343
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 9.2 13.6 20.4#



#82
 Chrysene
 Concen: 33.21 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion: 228 Resp: 675739
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.28 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

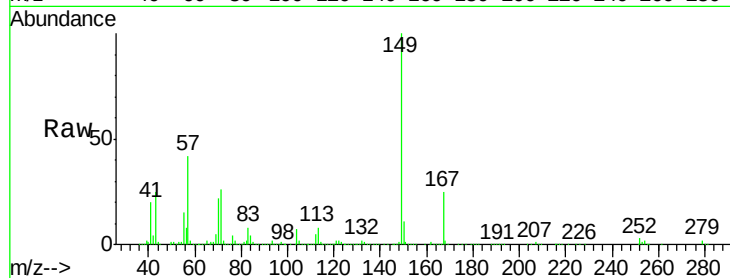
Tgt Ion:149 Resp: 576612

Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.4

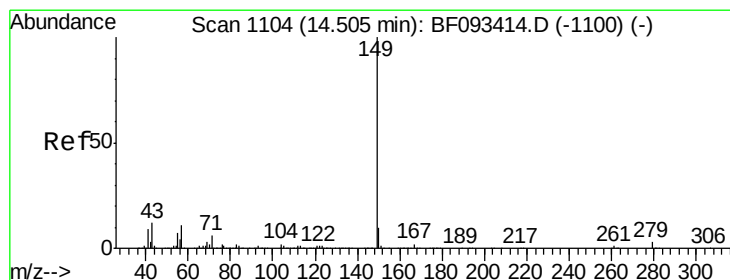
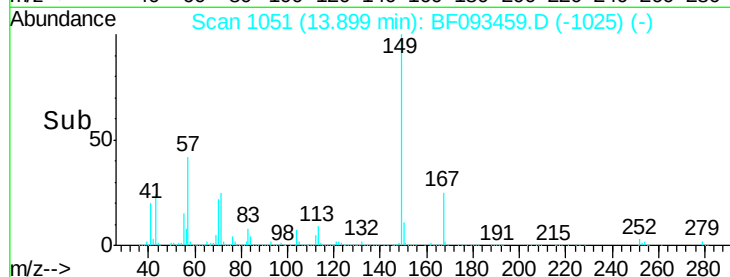
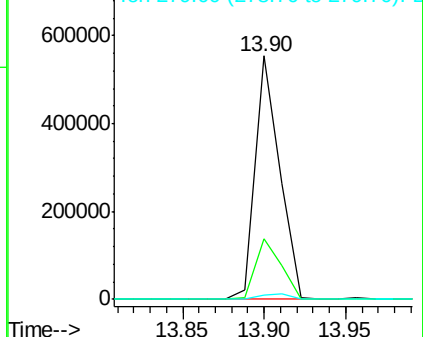
279 1.7 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.67 ng

RT: 14.52 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

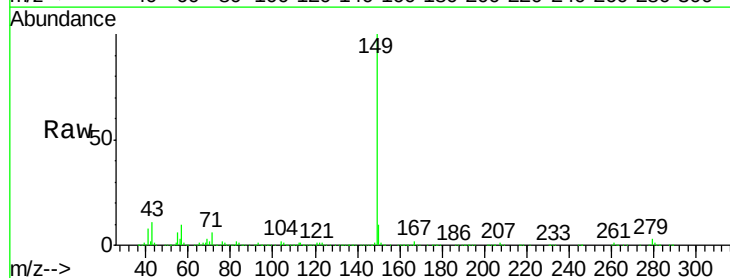
Tgt Ion:149 Resp: 1050707

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

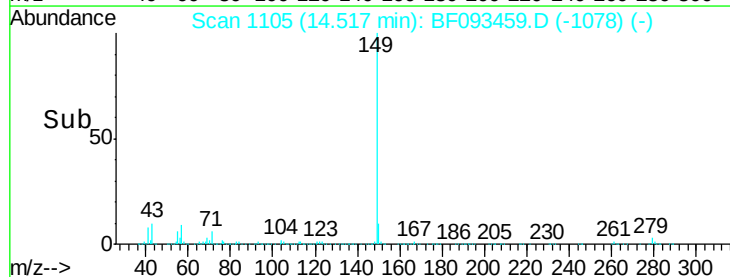
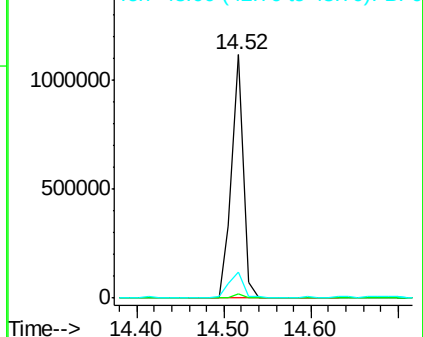
43 12.7 8.9 13.3

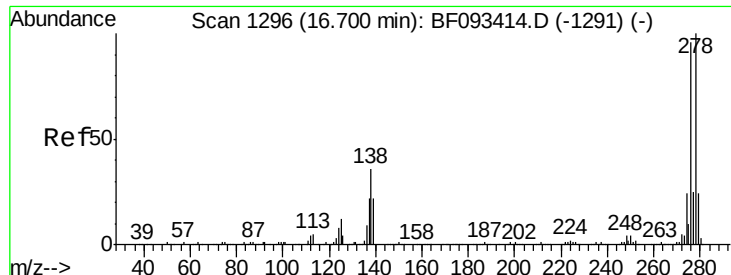


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

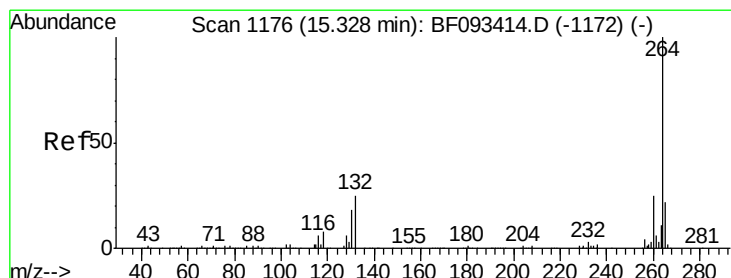
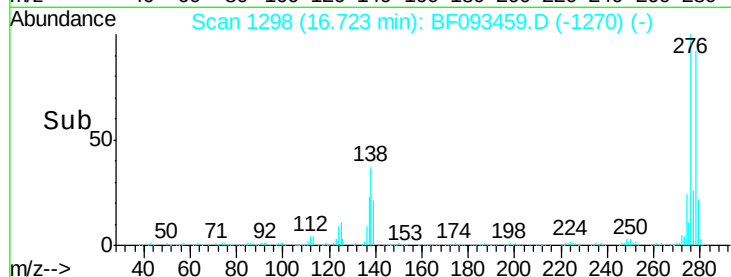
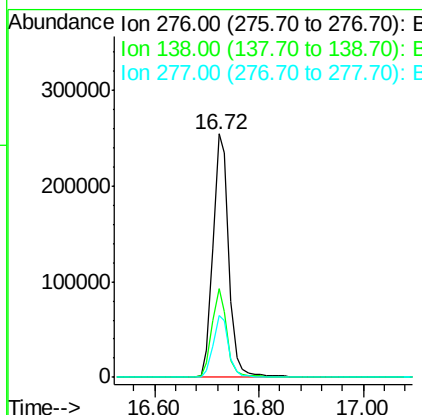
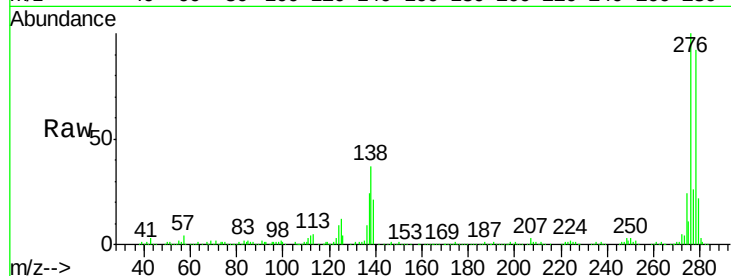




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.59 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

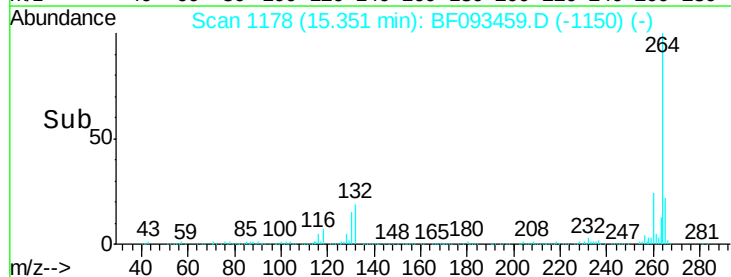
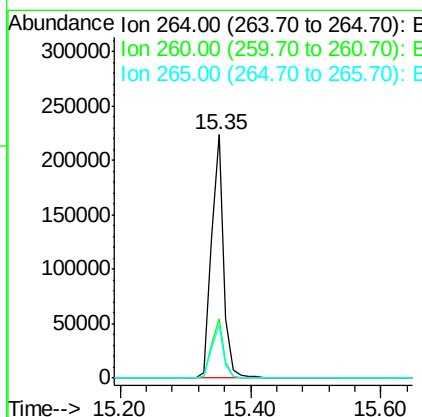
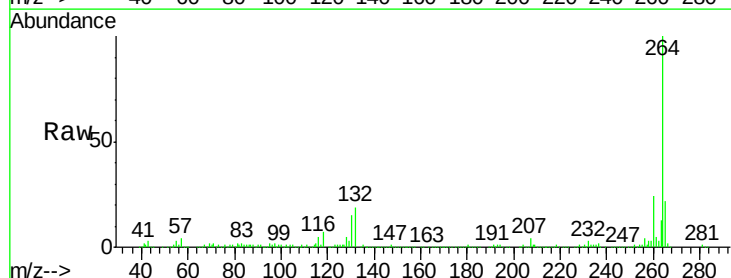
Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

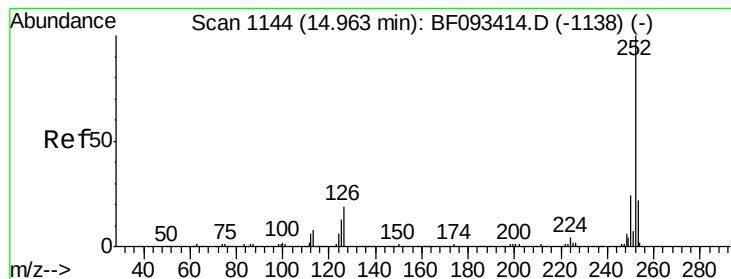
Tgt Ion: 276 Resp: 537964
 Ion Ratio Lower Upper
 276 100
 138 35.0 21.8 32.6#
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Tgt Ion: 264 Resp: 293970
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 75.21 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MS

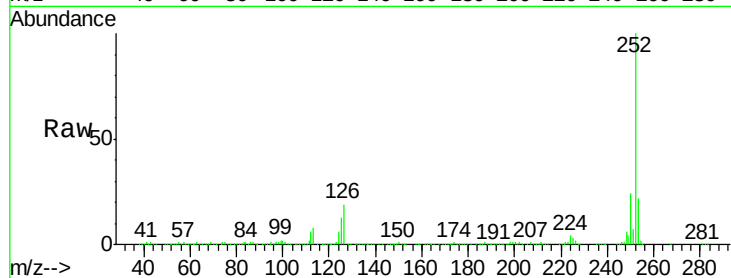
Tgt Ion:252 Resp: 1346584

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

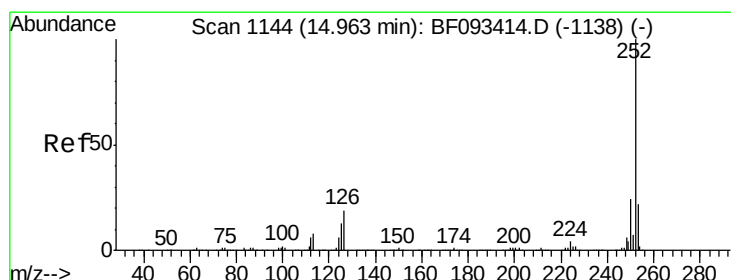
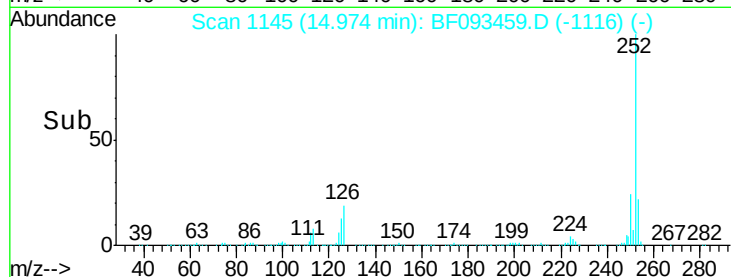
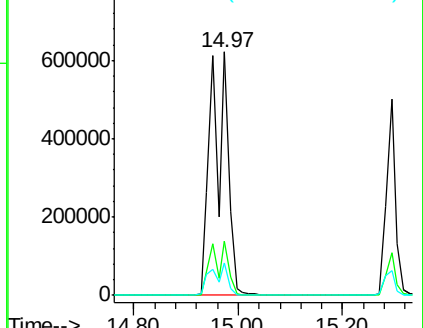
125 13.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.99 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093459.D

Acq: 9 Mar 2017 6:43

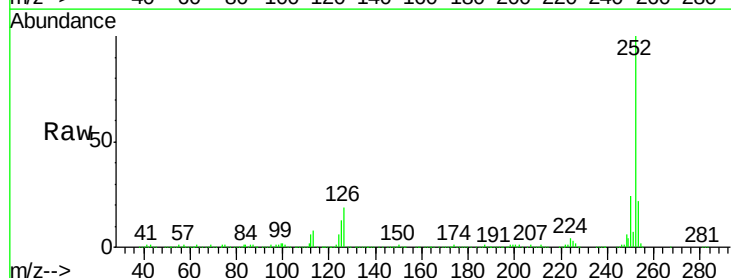
Tgt Ion:252 Resp: 1346584

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

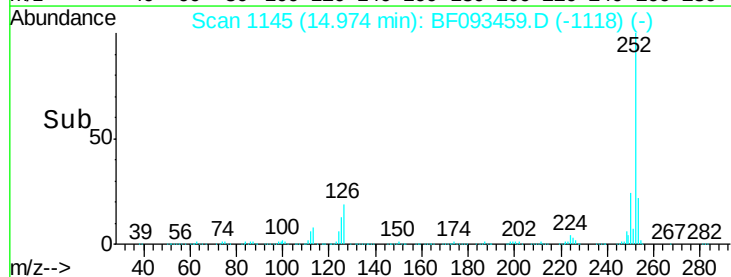
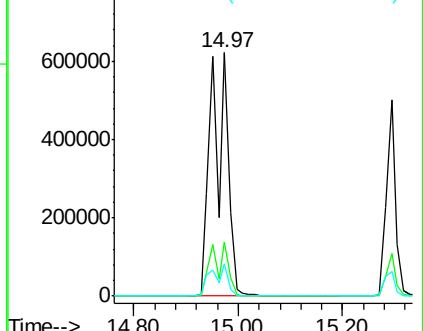
125 13.1 8.9 13.3

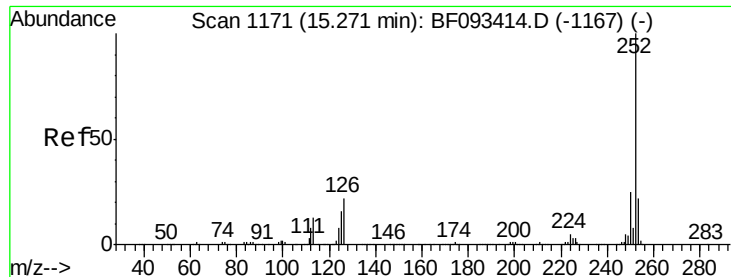


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

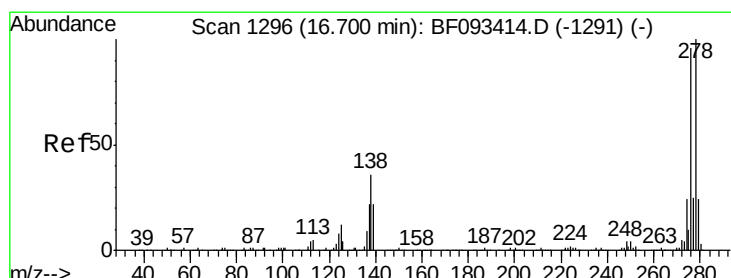
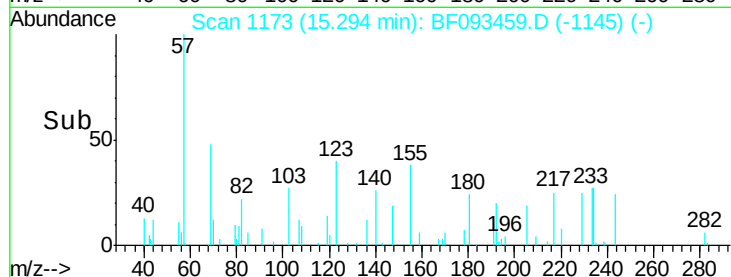
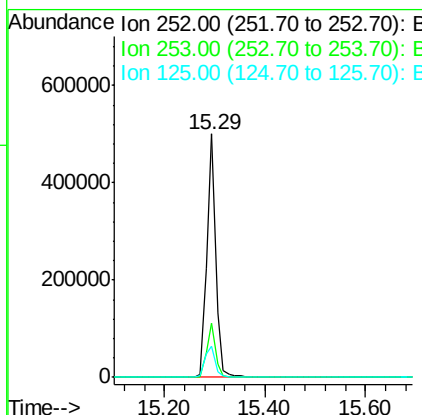
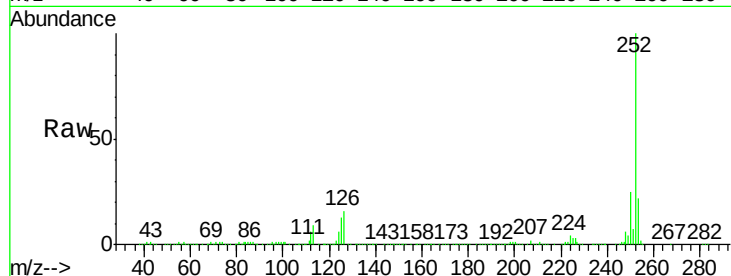




#89
Benzo(a)pyrene
Concen: 37.52 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

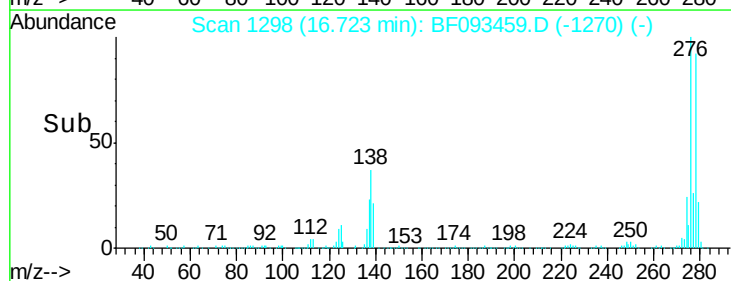
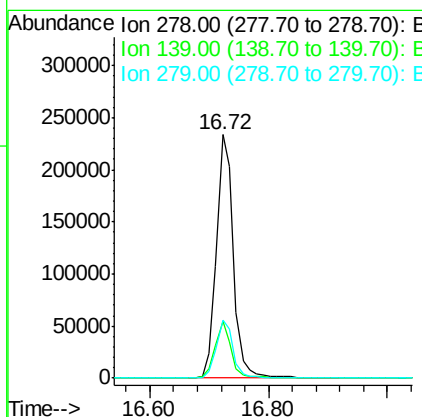
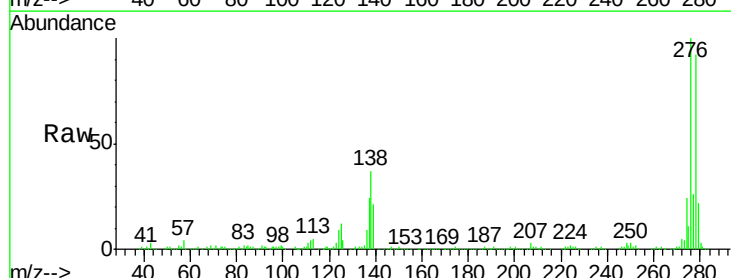
Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MS

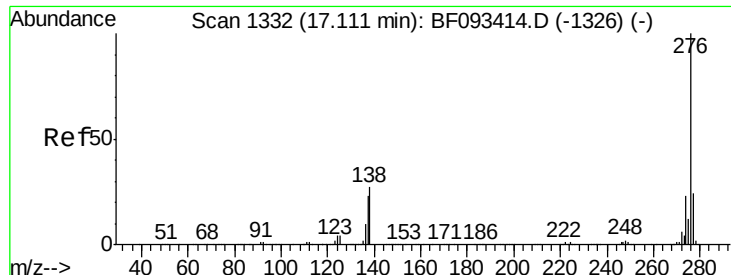
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.6	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 34.21 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093459.D
Acq: 9 Mar 2017 6:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.8	22.2#
279	24.0	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 31.94 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093459.D
 Acq: 9 Mar 2017 6:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	30.3	16.0	24.0

