

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093625.D
 Acq On : 13 Mar 2017 23:45
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 14 01:06:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168893	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	715882	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	322293	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	587696	20.00	ng	0.00
75) Chrysene-d12	13.90	240	452072	20.00	ng	0.01
86) Perylene-d12	15.31	264	319428	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	895119	88.21	ng	-0.02
7) Phenol-d6	6.37	99	1049057	81.98	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1098349	85.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	181205	86.30	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1566439	90.40	ng	0.00
78) Terphenyl-d14	12.84	244	1432872	82.41	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.18	88	257455	46.06	ng	85
3) Pyridine	2.86	79	531592	37.30	ng	89
4) n-Nitrosodimethylamine	2.82	42	300487	44.15	ng	79
6) Aniline	6.39	93	439586	25.03	ng	94
8) 2-Chlorophenol	6.49	128	475528	41.82	ng	87
9) Benzaldehyde	6.26	77	244933	27.74	ng	96
10) Phenol	6.38	94	696769	44.43	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	700154	55.24	ng	95
12) 1,3-Dichlorobenzene	6.88	146	477061	36.66	ng	97
13) 1,4-Dichlorobenzene	6.72	146	559764	42.01	ng	99
14) 1,2-Dichlorobenzene	6.88	146	495944	42.03	ng	96
15) Benzyl Alcohol	6.88	79	255850	28.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	924026	43.89	ng	93
17) 2-Methylphenol	7.00	107	404195	42.03	ng	# 90
18) Hexachloroethane	7.21	117	189728	42.22	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	365662	41.56	ng	87
20) 3+4-Methylphenols	7.16	107	580159	46.52	ng	# 72
22) Acetophenone	7.13	105	695636	40.38	ng	# 98
24) Nitrobenzene	7.30	77	602612	41.56	ng	96
25) Isophorone	7.54	82	1038465	39.91	ng	94
26) 2-Nitrophenol	7.62	139	268163	40.53	ng	91
27) 2,4-Dimethylphenol	7.68	122	388365	36.08	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	687988	41.89	ng	99
29) 2,4-Dichlorophenol	7.89	162	395609	39.07	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	407432	37.84	ng	95
31) Naphthalene	8.02	128	1409835	39.30	ng	99
32) Benzoic acid	7.84	122	167501	29.95	ng	91
33) 4-Chloroaniline	8.02	127	189103	12.99	ng	# 34
34) Hexachlorobutadiene	8.14	225	221863	40.00	ng	98
35) Caprolactam	8.48	113	132263	38.25	ng	# 43
36) 4-Chloro-3-methylphenol	8.60	107	443395	41.03	ng	97
37) 2-Methylnaphthalene	8.72	142	891072	39.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	395181	44.90	ng	100
40) Hexachlorocyclopentadiene	8.87	237	64470	36.73	ng	98

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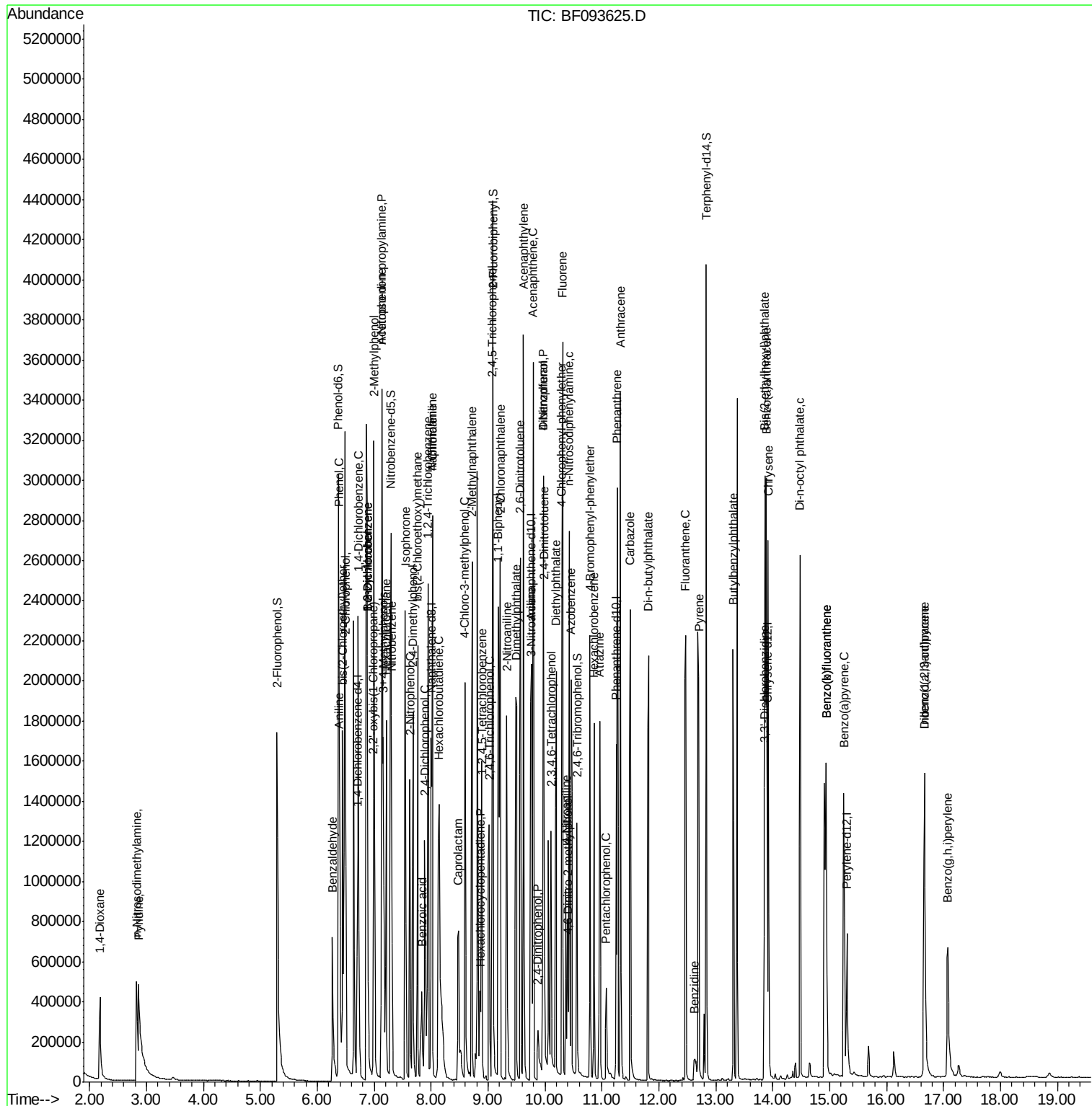
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	241832	43.98	ng	91
43) 2,4,5-Trichlorophenol	9.08	196	239217	40.55	ng #	87
45) 1,1'-Biphenyl	9.18	154	1048976	44.68	ng	95
46) 2-Chloronaphthalene	9.21	162	864327	48.09	ng	99
47) 2-Nitroaniline	9.33	65	327854	51.61	ng	99
48) Acenaphthylene	9.62	152	1355571	45.74	ng	99
49) Dimethylphthalate	9.50	163	944466	44.20	ng	100
50) 2,6-Dinitrotoluene	9.57	165	221195	47.18	ng #	69
51) Acenaphthene	9.80	154	803829	45.86	ng	96
52) 3-Nitroaniline	9.75	138	235768	41.86	ng	97
53) 2,4-Dinitrophenol	9.88	184	94645	44.33	ng #	61
54) Dibenzofuran	9.97	168	1003089	45.73	ng	98
55) 4-Nitrophenol	9.97	139	514601	188.10	ng #	11
56) 2,4-Dinitrotoluene	9.98	165	289904	50.33	ng #	83
57) Fluorene	10.31	166	831708	44.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	188064	45.17	ng	96
59) Diethylphthalate	10.20	149	961449	47.08	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	379384	45.53	ng	97
61) 4-Nitroaniline	10.37	138	203601	35.34	ng	94
62) Azobenzene	10.46	77	1111734	47.91	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	125151	32.87	ng	83
65) n-Nitrosodiphenylamine	10.42	169	717586	36.57	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	228797	36.82	ng	96
67) Hexachlorobenzene	10.86	284	217181	36.60	ng #	73
68) Atrazine	10.96	200	208970	36.38	ng	99
69) Pentachlorophenol	11.08	266	82055	40.05	ng	97
70) Phenanthrene	11.27	178	1230859	36.69	ng	99
71) Anthracene	11.33	178	1326959	39.10	ng	98
72) Carbazole	11.50	167	1322701	41.49	ng	98
73) Di-n-butylphthalate	11.82	149	1531910	41.54	ng #	96
74) Fluoranthene	12.47	202	1332122	41.11	ng	93
76) Benzidine	12.63	184	106160	7.14	ng	99
77) Pyrene	12.70	202	1330206	40.46	ng	99
79) Butylbenzylphthalate	13.30	149	594005	42.92	ng	88
80) Benzo(a)anthracene	13.89	228	1025232	38.40	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	322597	34.50	ng #	96
82) Chrysene	13.92	228	933396	37.79	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821464	42.58	ng	99
84) Di-n-octyl phthalate	14.48	149	1324092	41.18	ng	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	692531	33.50	ng #	93
87) Benzo(b)fluoranthene	14.94	252	1590401	81.75	ng	97
88) Benzo(k)fluoranthene	14.94	252	1591172	84.81	ng	97
89) Benzo(a)pyrene	15.25	252	714511	40.19	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	597052	40.59	ng	96
91) Benzo(g,h,i)perylene	17.08	276	617930	40.93	ng #	93

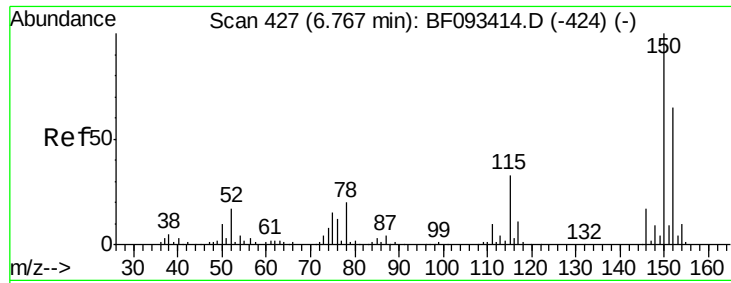
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

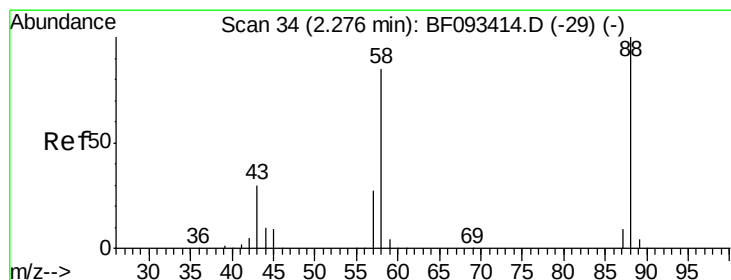
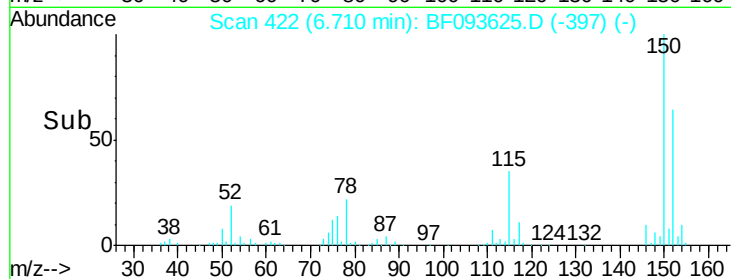
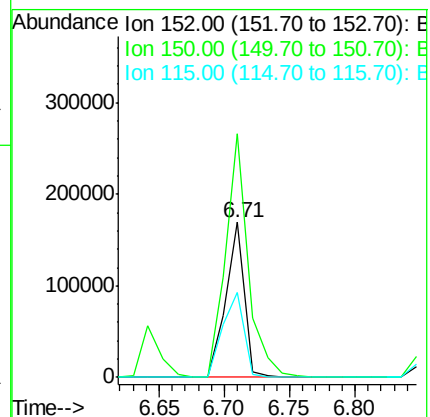
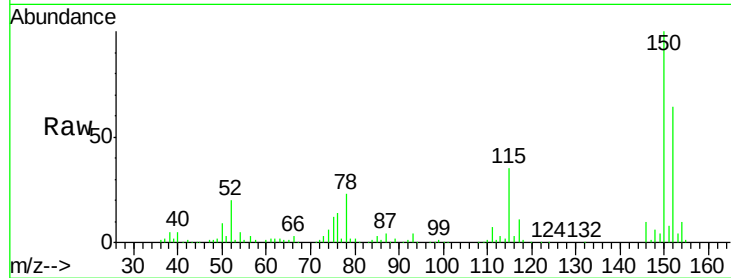
Tgt Ion:152 Resp: 168893

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

115 55.0 46.0 69.0



#2

1,4-Dioxane

Concen: 46.06 ng

RT: 2.18 min Scan# 26

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

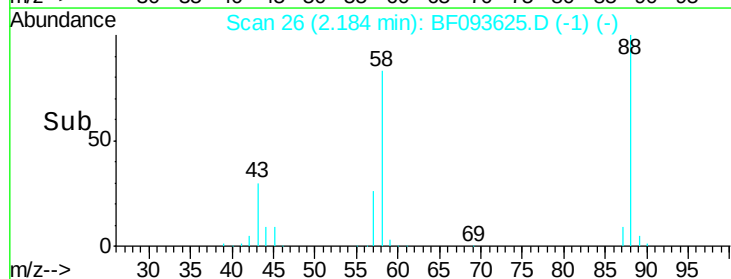
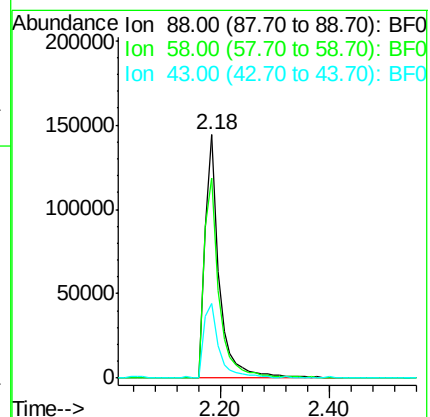
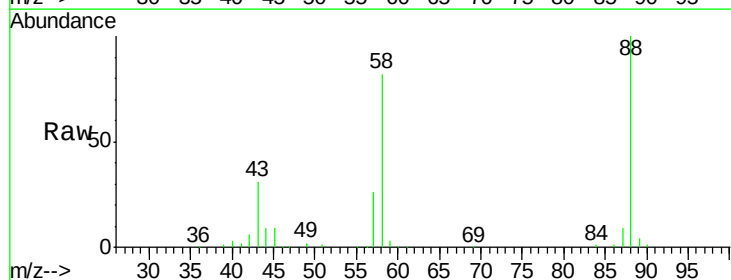
Tgt Ion: 88 Resp: 257455

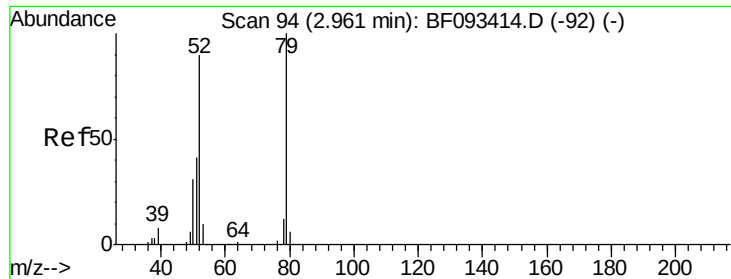
Ion Ratio Lower Upper

88 100

58 86.5 57.8 86.8

43 33.2 22.3 33.5





#3

Pyridine

Concen: 37.30 ng

RT: 2.86 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

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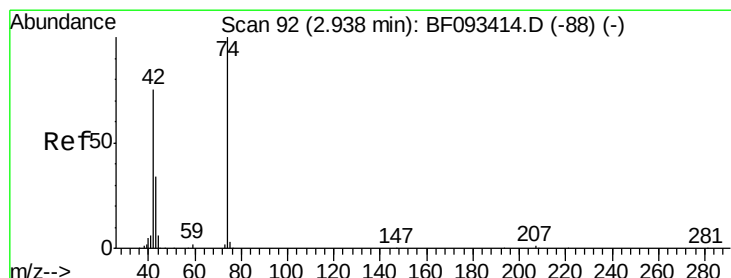
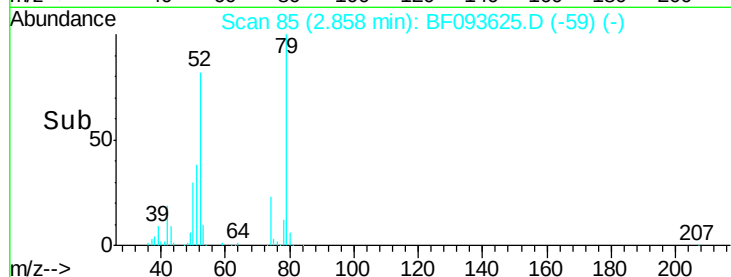
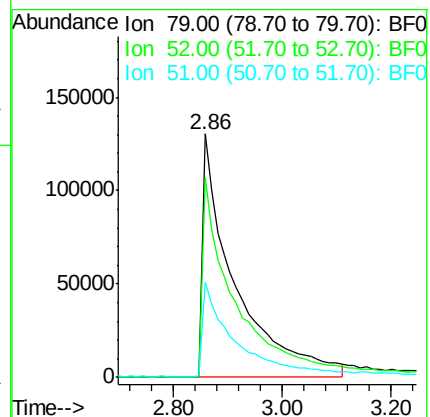
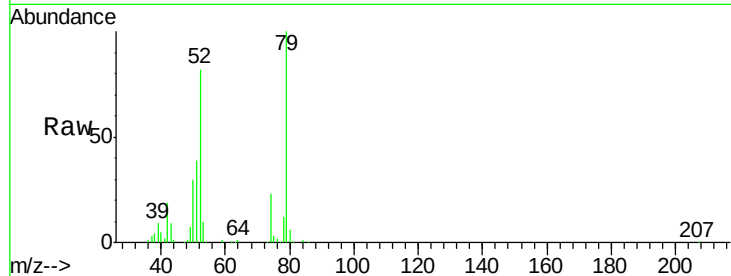
Tgt Ion: 79 Resp: 531592

Ion Ratio Lower Upper

79 100

52 82.1 57.1 85.7

51 38.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.15 ng

RT: 2.82 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

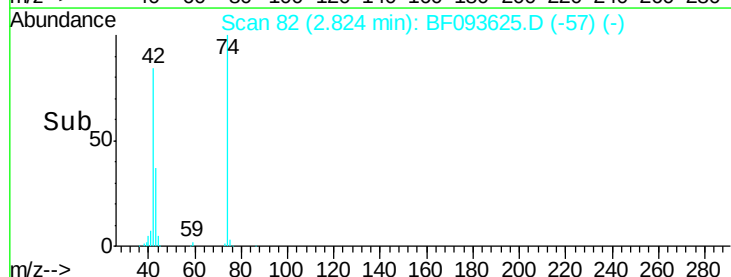
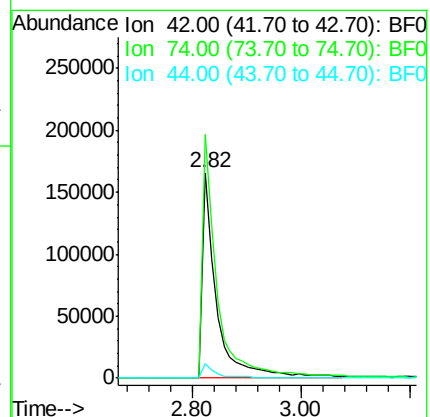
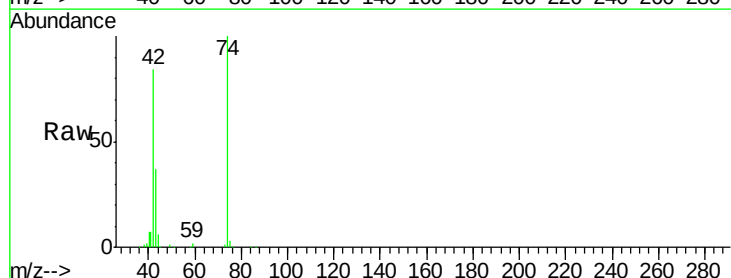
Tgt Ion: 42 Resp: 300487

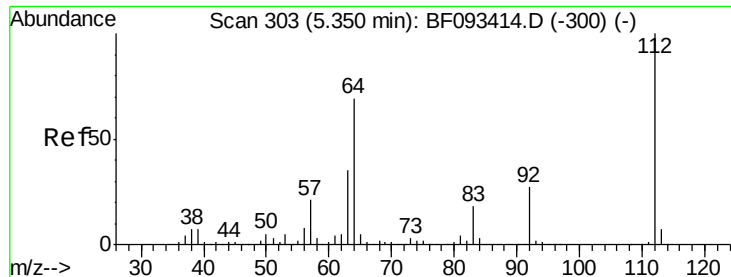
Ion Ratio Lower Upper

42 100

74 118.5 117.0 175.4

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 88.21 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

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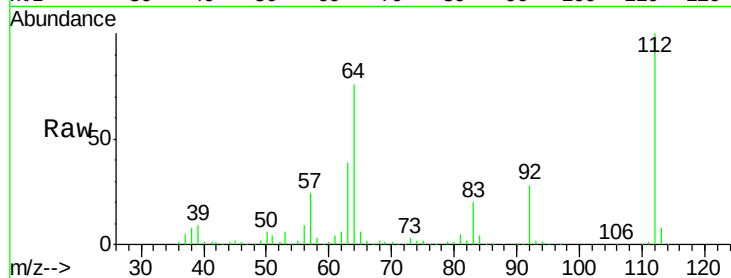
Tgt Ion: 112 Resp: 895119

Ion Ratio Lower Upper

112 100

64 76.0 46.1 69.1#

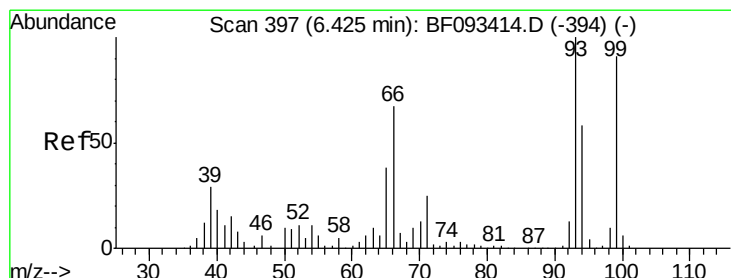
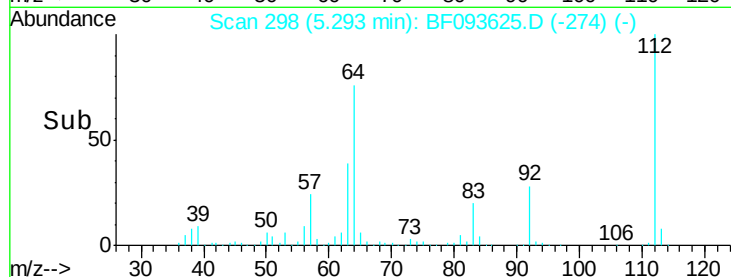
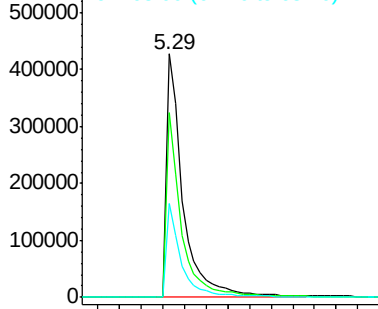
63 38.8 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.03 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

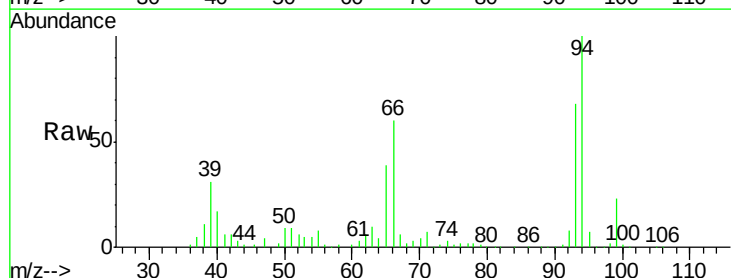
Tgt Ion: 93 Resp: 439586

Ion Ratio Lower Upper

93 100

66 88.7 76.2 114.2

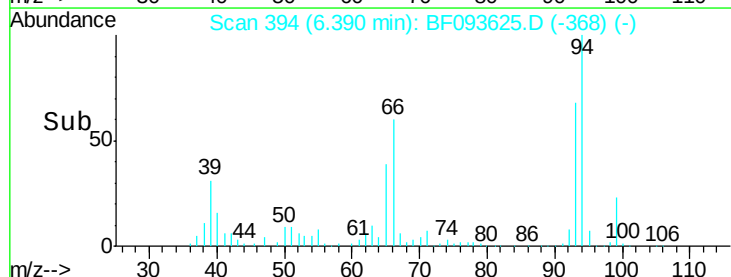
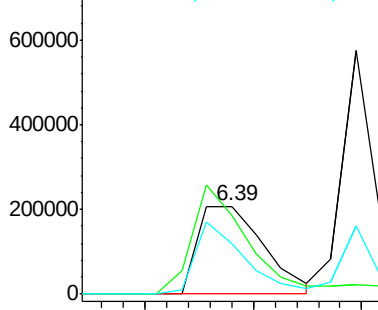
65 57.7 49.3 73.9

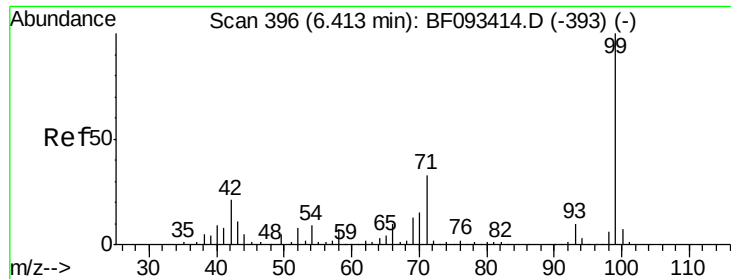


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.98 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093625.D

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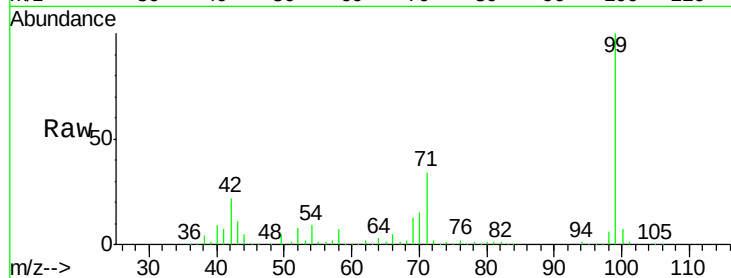
Tgt Ion: 99 Resp: 1049057

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

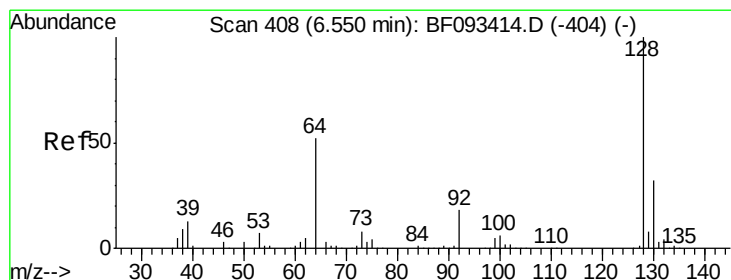
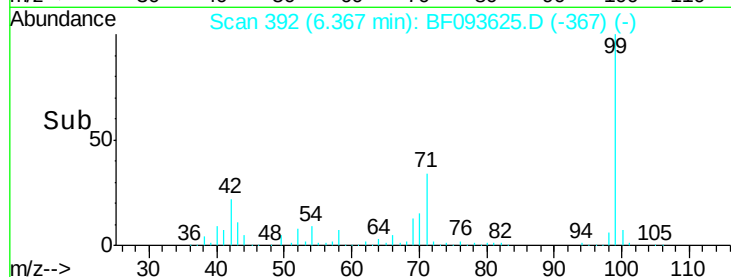
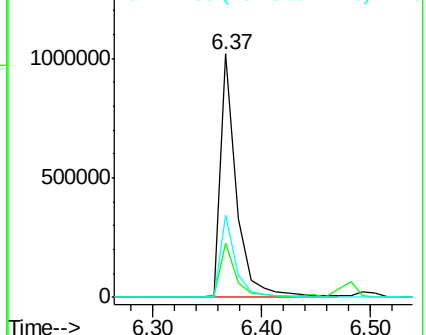
71 33.9 27.5 41.3



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: 41.82 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

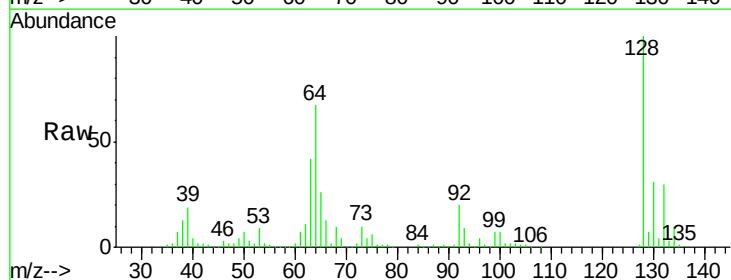
Tgt Ion: 128 Resp: 475528

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

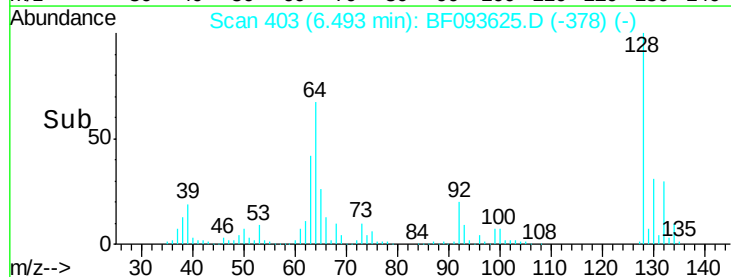
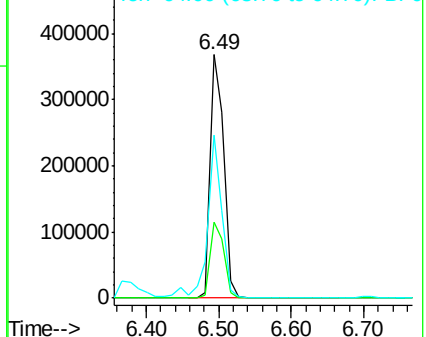
64 66.8 32.2 72.2

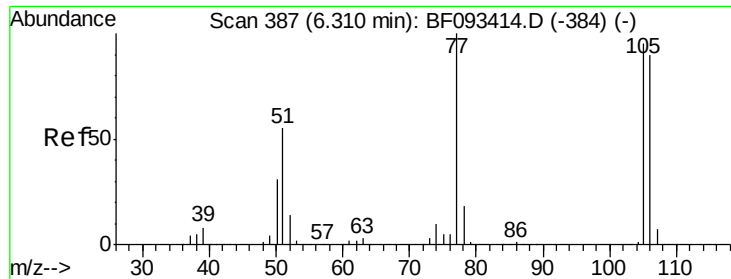


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.74 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

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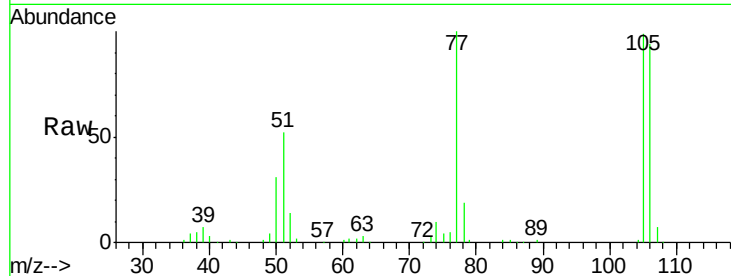
Tgt Ion: 77 Resp: 244933

Ion Ratio Lower Upper

77 100

105 98.7 83.9 123.9

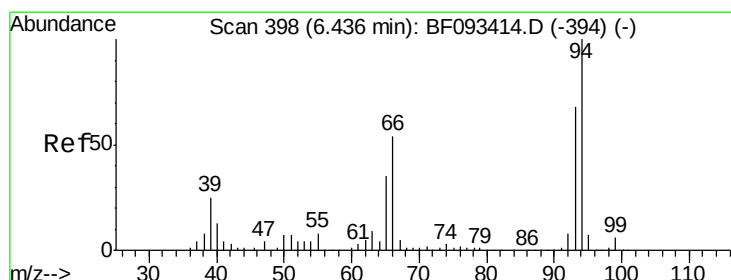
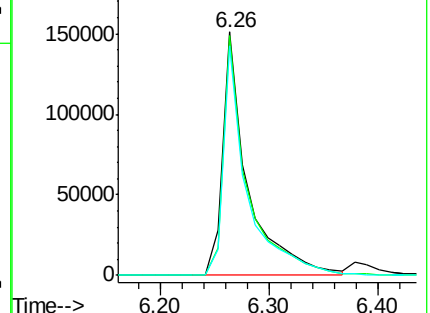
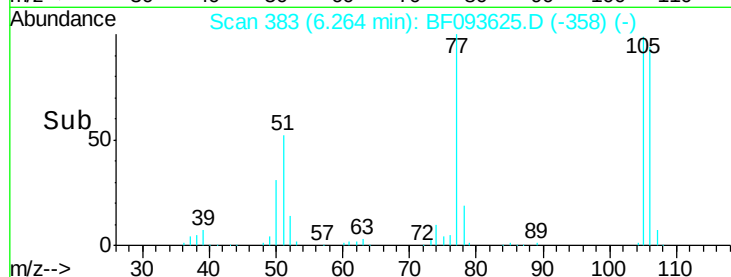
106 94.4 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.43 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

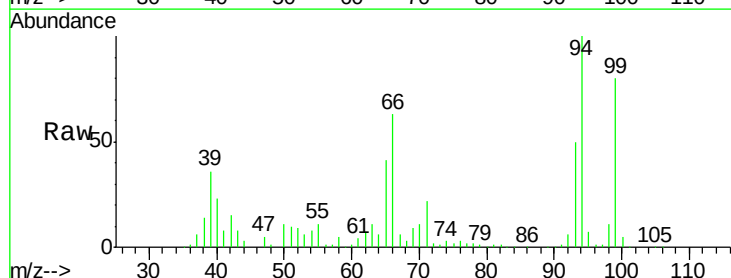
Tgt Ion: 94 Resp: 696769

Ion Ratio Lower Upper

94 100

65 41.4 21.4 61.4

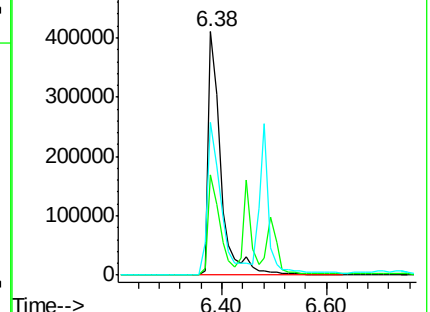
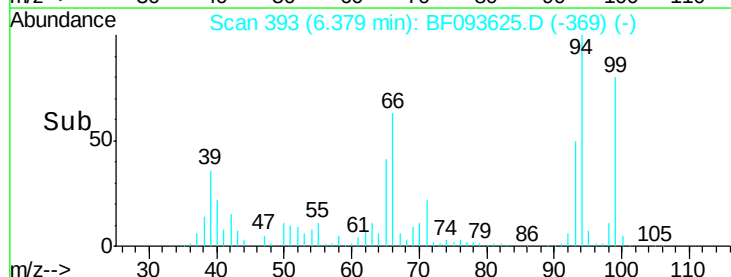
66 62.9 44.0 84.0

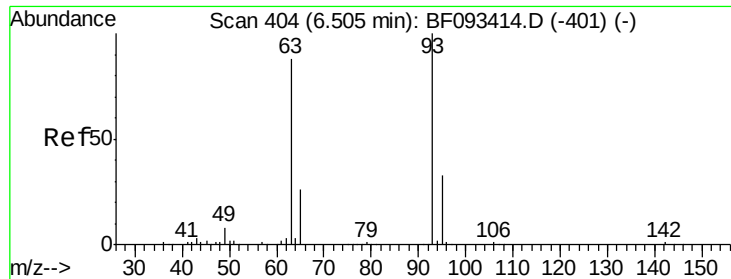


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

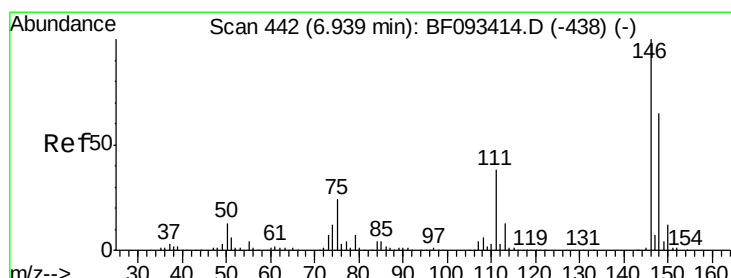
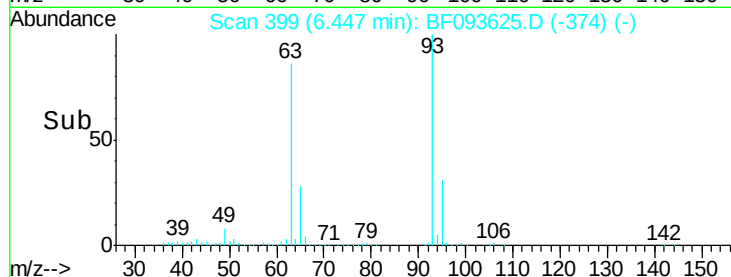
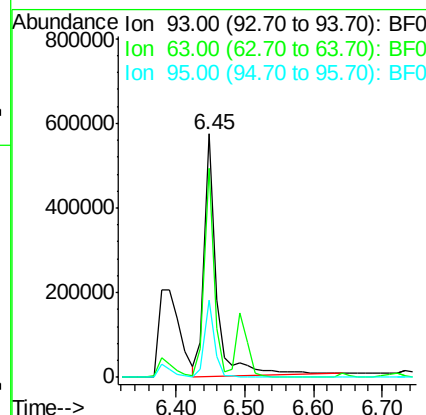
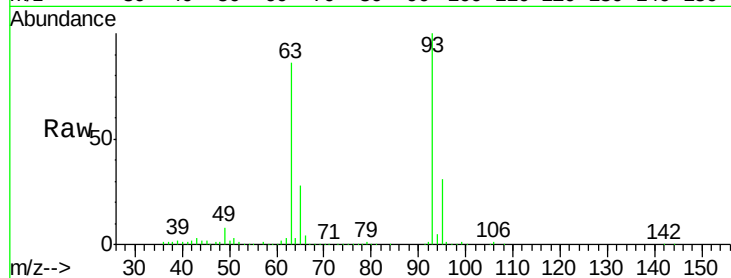




#11
 bis(2-Chloroethyl)ether
 Concen: 55.24 ng
 RT: 6.45 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

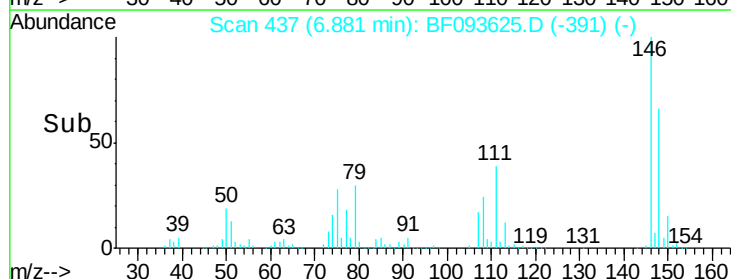
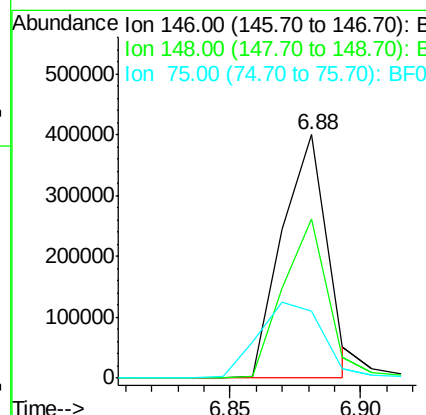
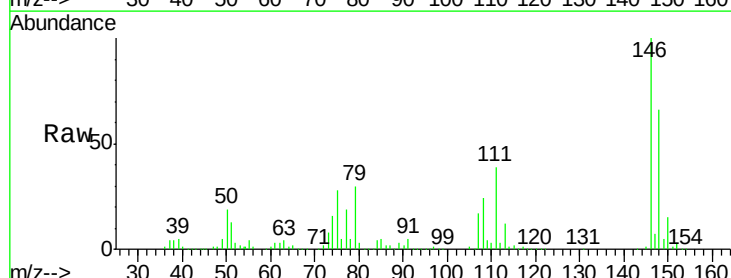
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

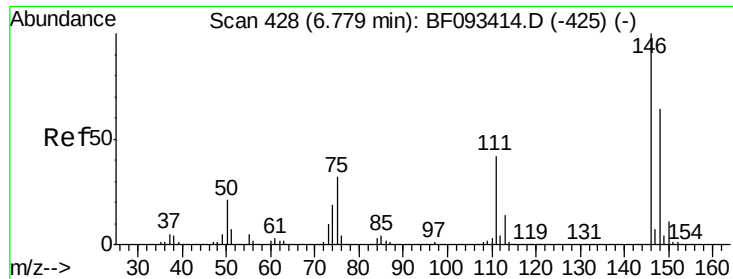
Tgt Ion: 93 Resp: 700154
 Ion Ratio Lower Upper
 93 100
 63 86.1 60.4 100.4
 95 31.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 36.66 ng
 RT: 6.88 min Scan# 437
 Delta R.T. 0.23 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion: 146 Resp: 477061
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.4 80.0
 75 27.6 18.5 27.7

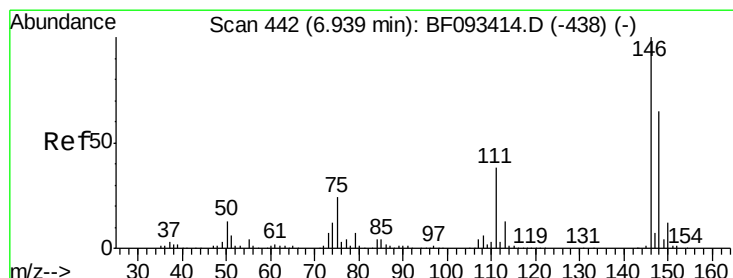
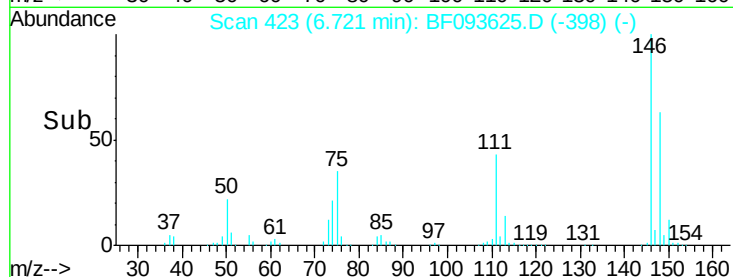
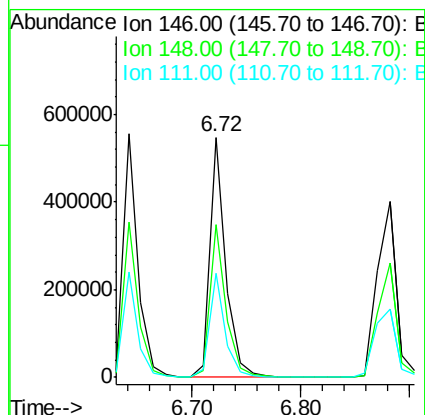
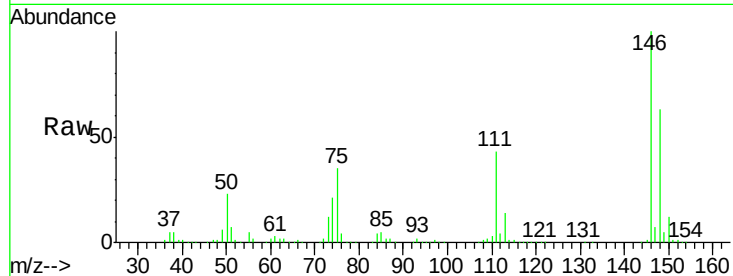




#13
 1,4-Dichlorobenzene
 Concen: 42.01 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

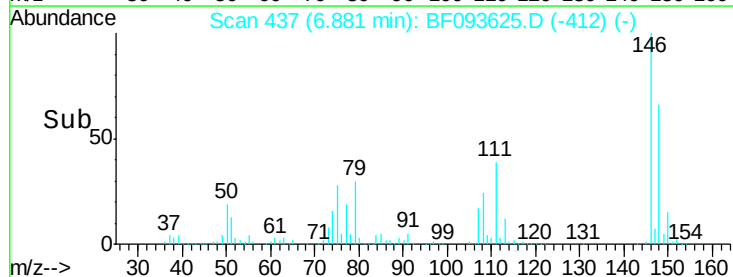
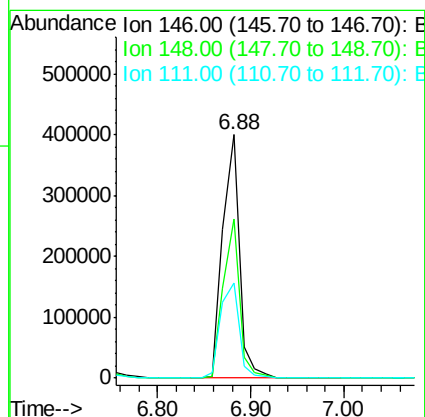
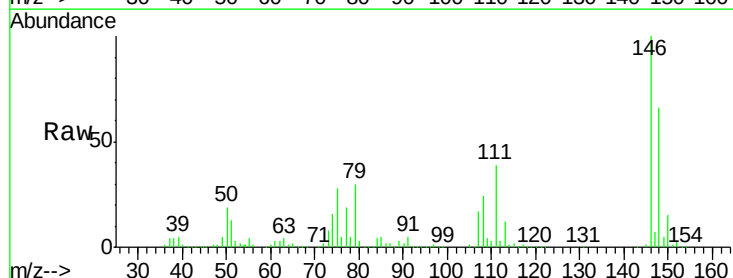
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

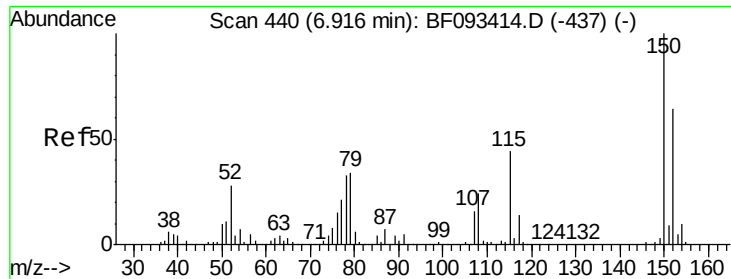
Tgt Ion:146 Resp: 559764
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 43.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.03 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:146 Resp: 495944
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 38.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 28.05 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

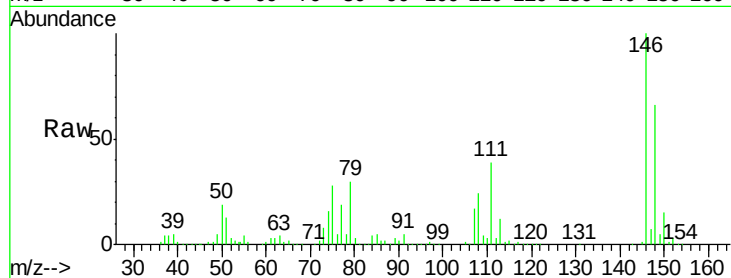
Tgt Ion: 79 Resp: 255850

Ion Ratio Lower Upper

79 100

108 81.0 61.4 92.0

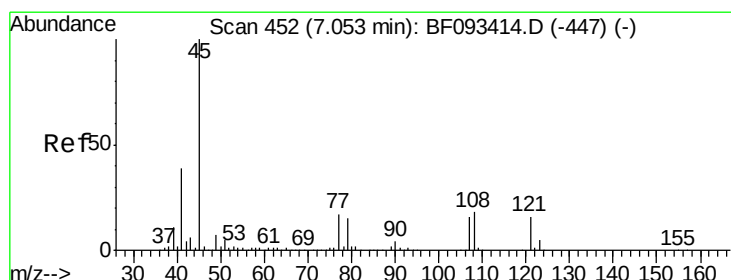
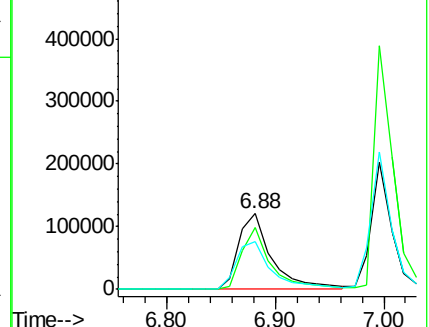
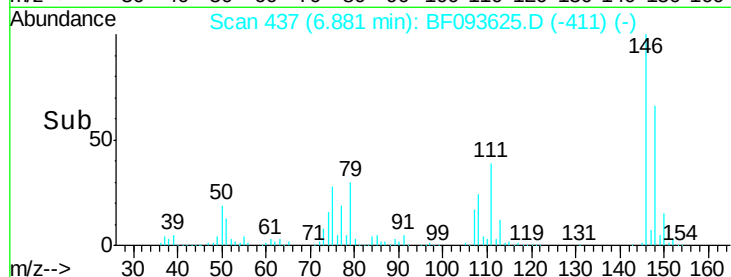
77 63.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.89 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

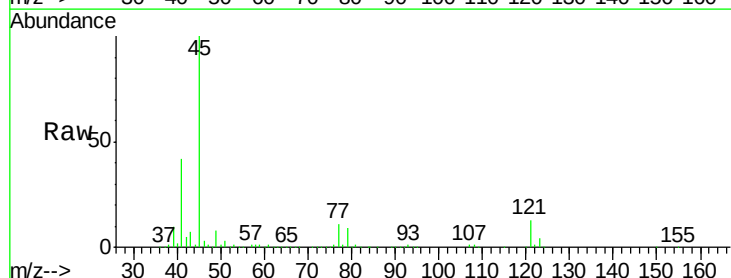
Tgt Ion: 45 Resp: 924026

Ion Ratio Lower Upper

45 100

77 11.1 0.0 34.6

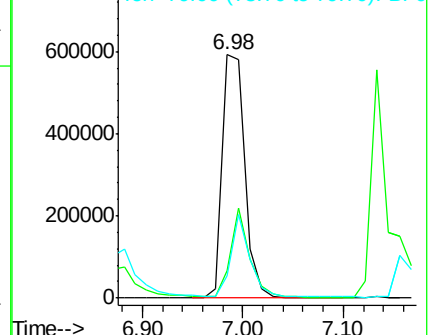
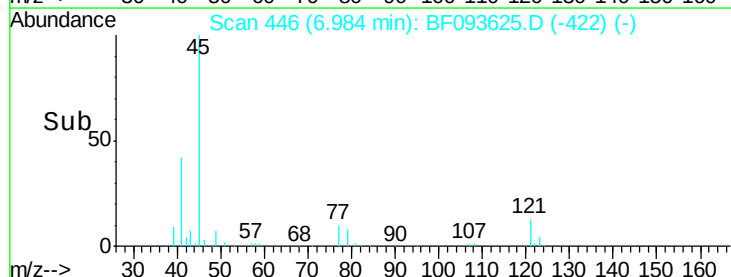
79 9.0 0.0 31.2

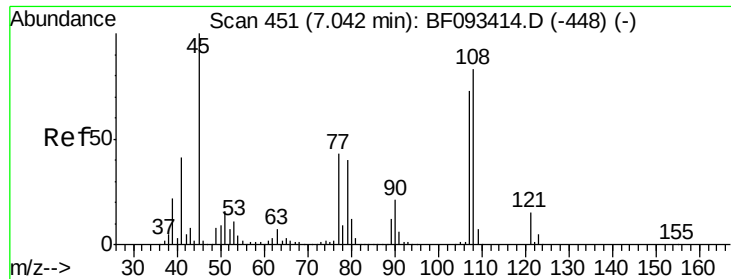


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

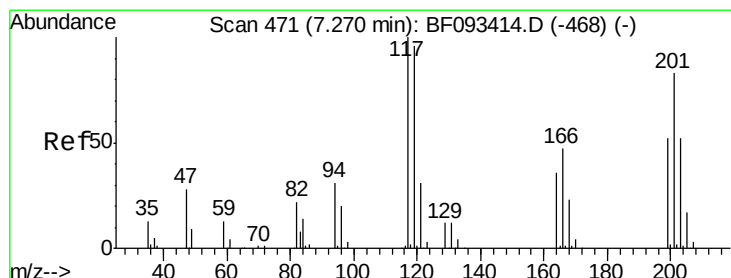
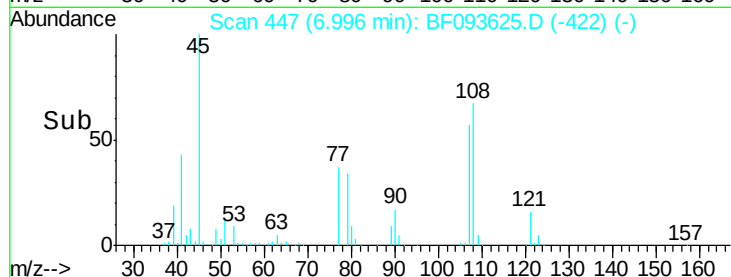
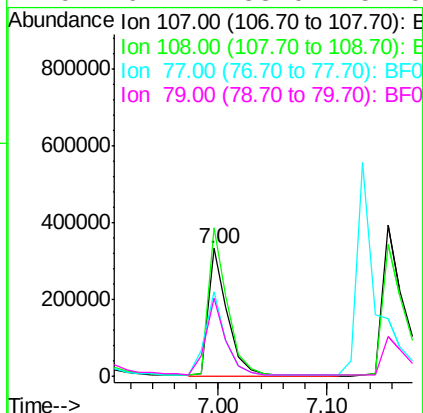
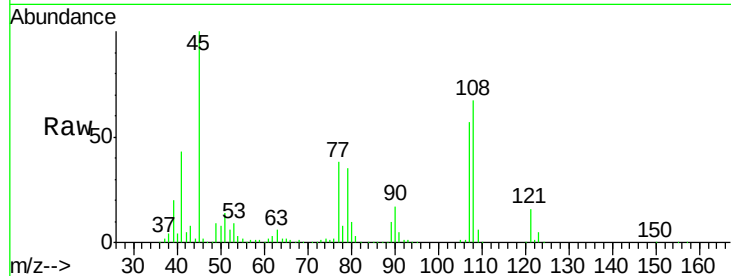




#17
2-Methylphenol
Concen: 42.03 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

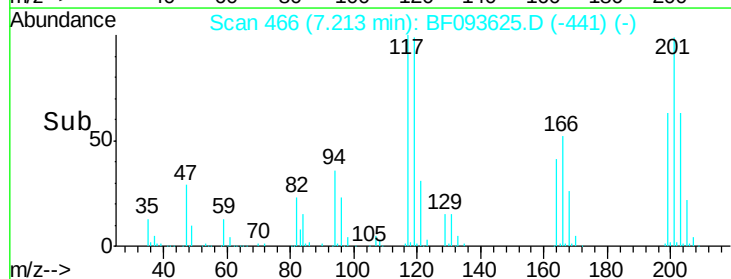
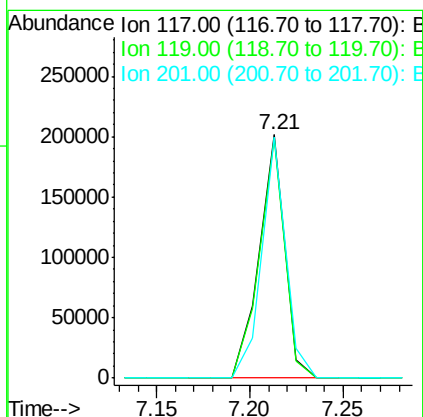
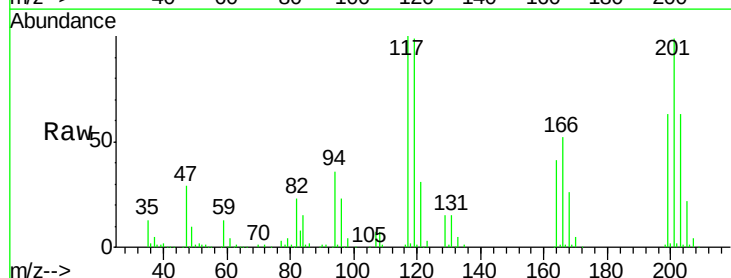
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

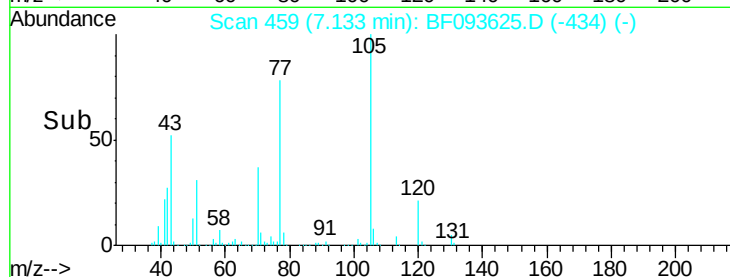
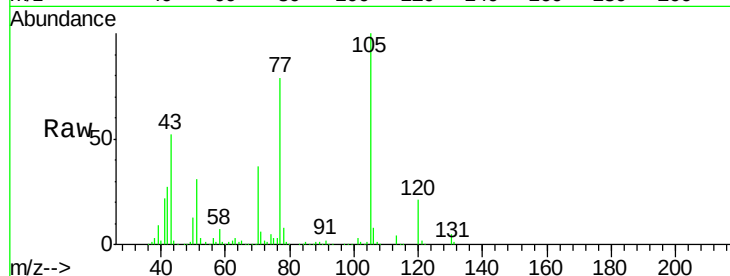
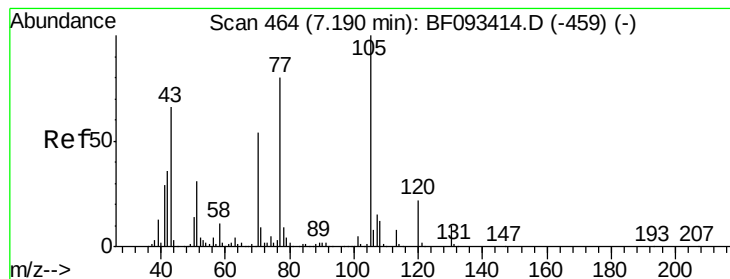
Tgt Ion	Resp	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	65.8	39.8	59.8#
79	61.1	38.0	57.0#



#18
Hexachloroethane
Concen: 42.22 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Resp	Lower	Upper
117	100		
119	98.6	78.1	117.1
201	98.8	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.56 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 365662

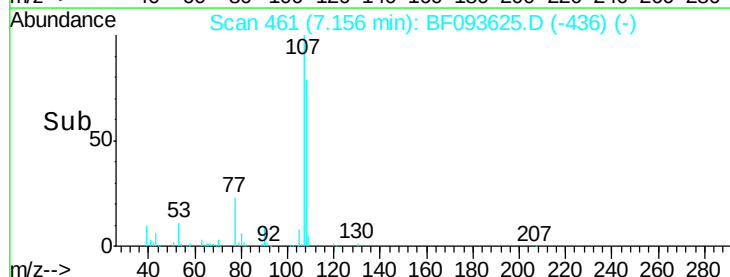
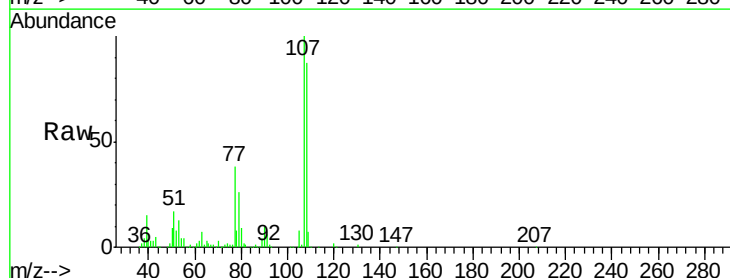
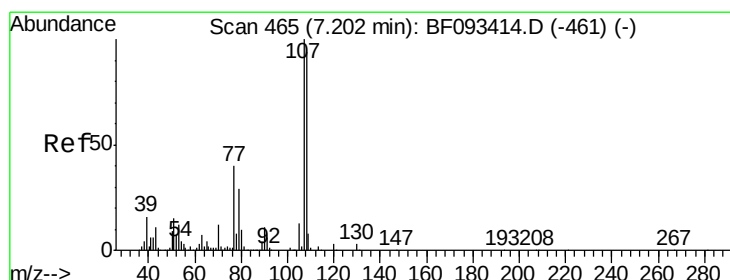
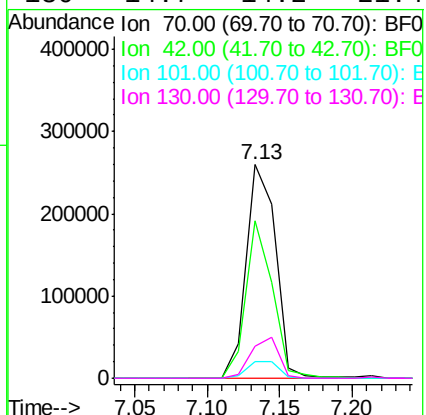
Ion Ratio Lower Upper

70 100

42 73.7 49.4 74.0

101 7.8 7.4 11.2

130 14.7 14.2 21.4



#20

3+4-Methylphenols

Concen: 46.52 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion: 107 Resp: 580159

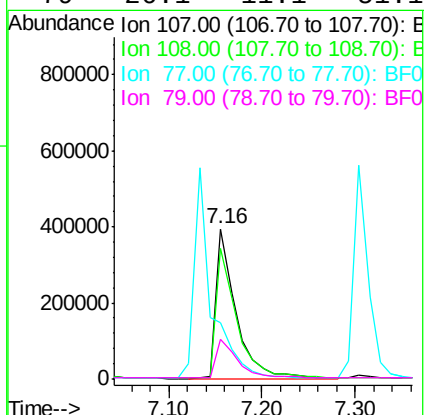
Ion Ratio Lower Upper

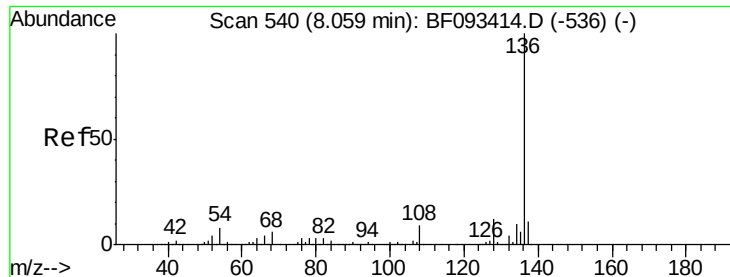
107 100

108 86.6 73.0 113.0

77 37.8 71.3 111.3#

79 26.1 11.1 51.1

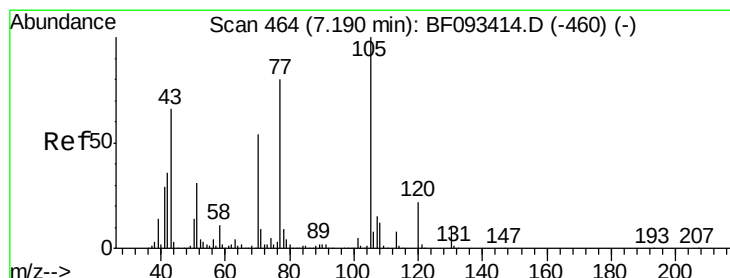
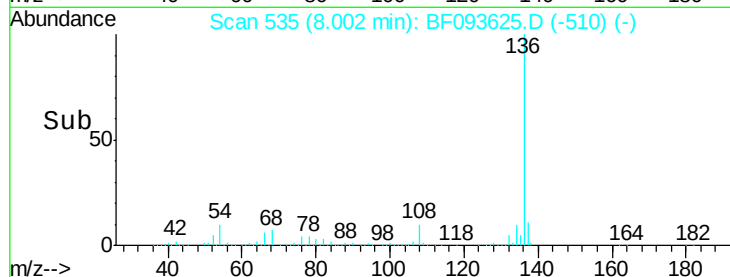
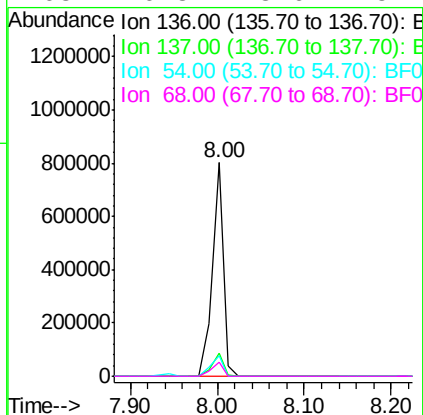
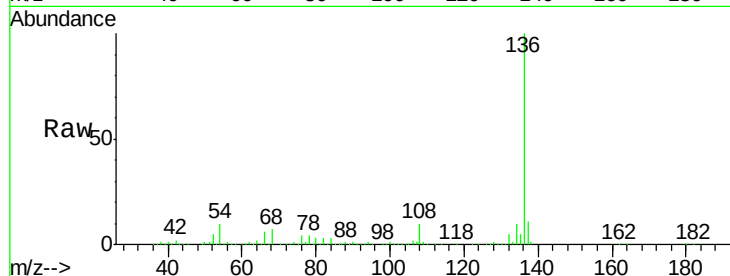




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

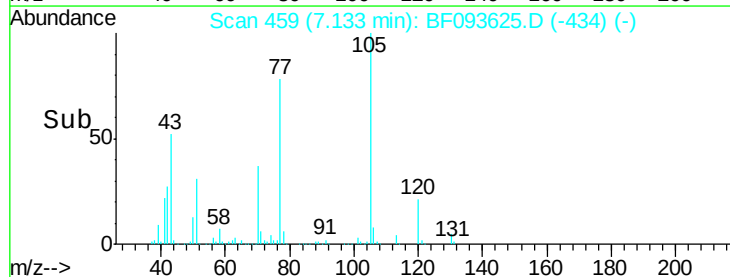
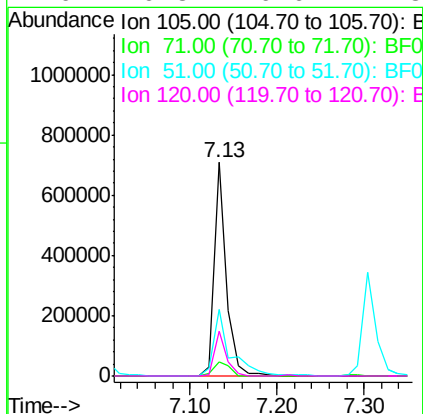
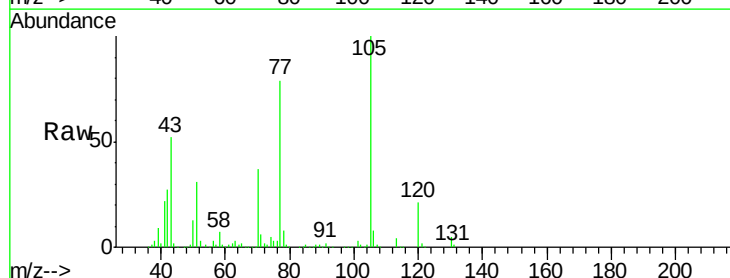
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

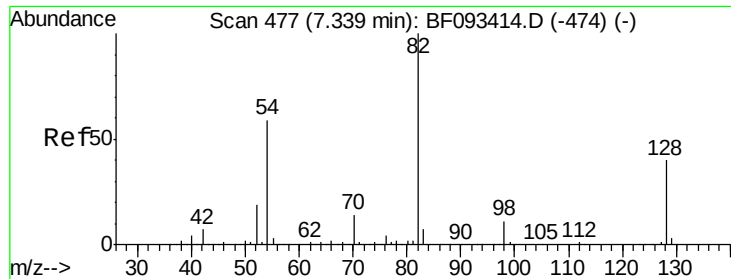
Tgt Ion:	136	Resp:	715882
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.7	4.5	6.7#
68	6.8	3.6	5.4#



#22
Acetophenone
Concen: 40.38 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:	105	Resp:	695636
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.2	4.8#
51	31.1	26.2	39.4
120	20.8	16.6	24.8

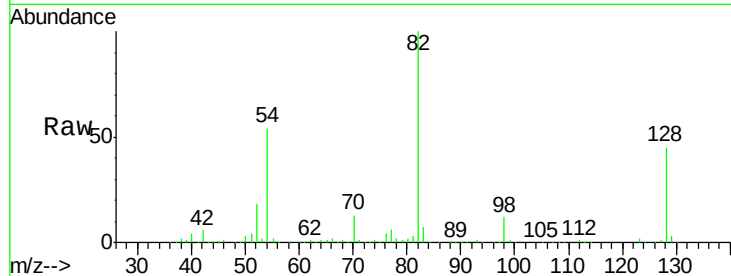




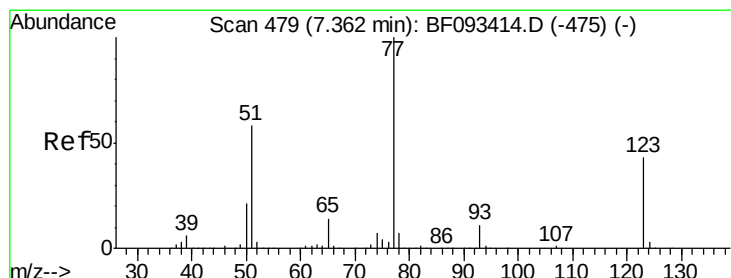
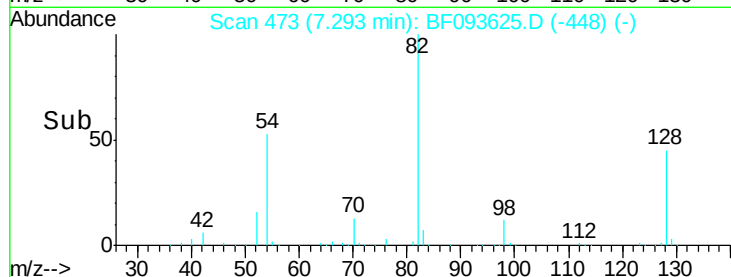
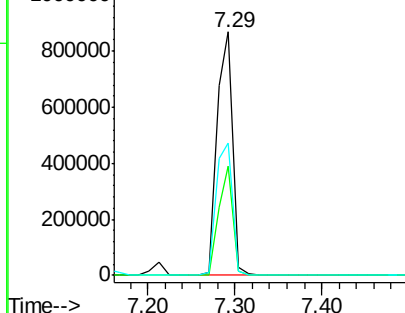
#23
Nitrobenzene-d5
Concen: 85.13 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1098349
Ion Ratio Lower Upper
82 100
128 44.8 34.6 52.0
54 54.1 39.5 59.3

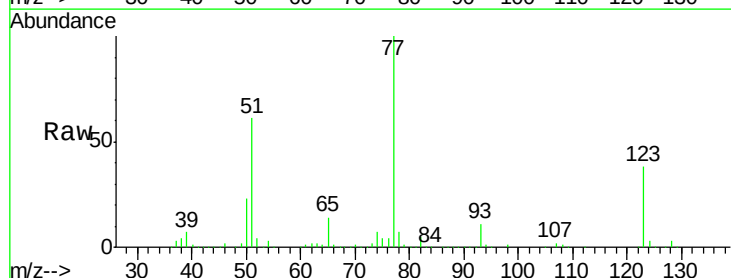


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

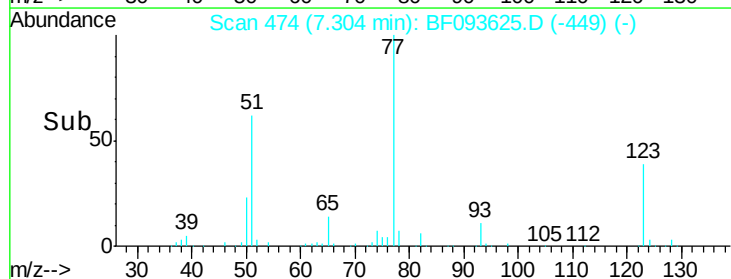
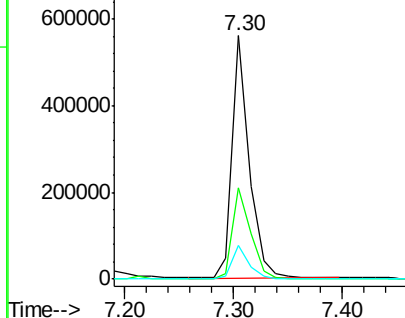


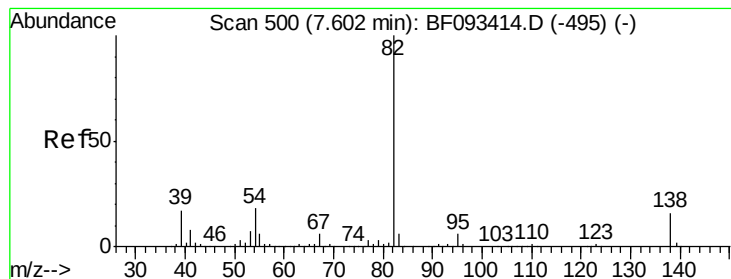
#24
Nitrobenzene
Concen: 41.56 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion: 77 Resp: 602612
Ion Ratio Lower Upper
77 100
123 37.5 33.0 49.4
65 14.1 11.2 16.8



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





#25

Isophorone

Concen: 39.91 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

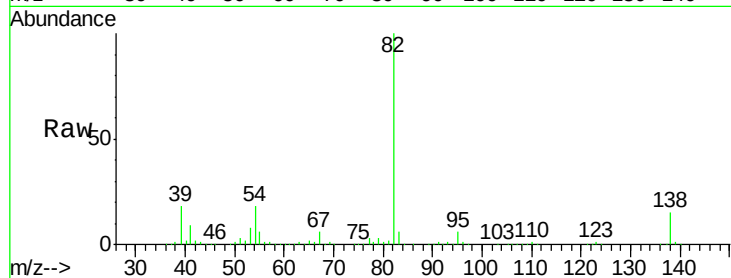
Tgt Ion: 82 Resp: 1038465

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

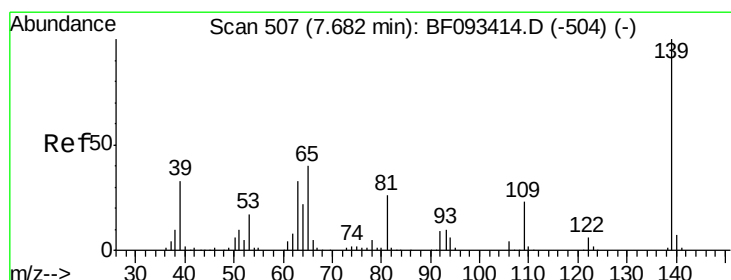
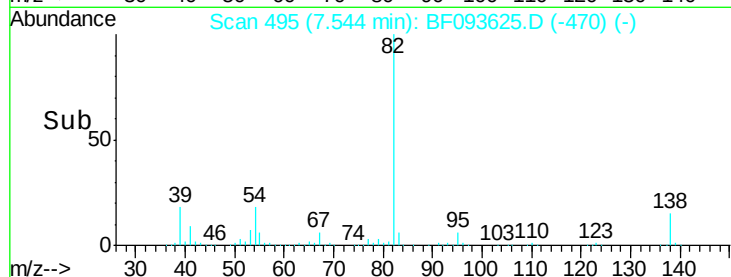
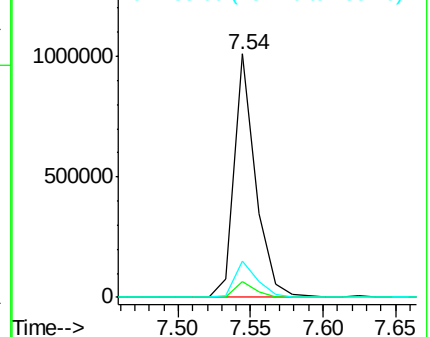
138 14.9 14.6 22.0



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: 40.53 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

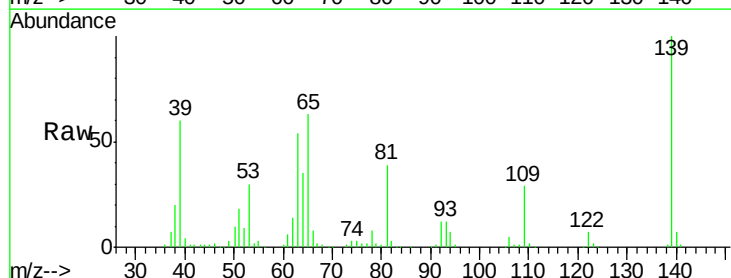
Tgt Ion: 139 Resp: 268163

Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

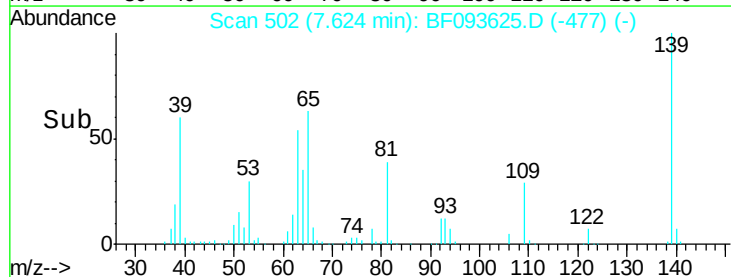
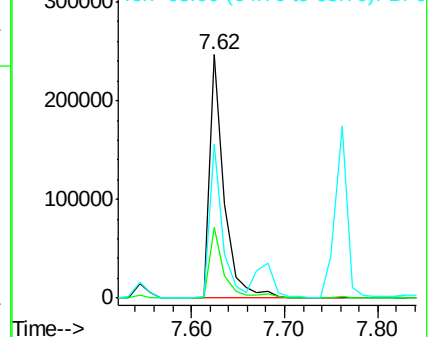
65 63.4 42.7 64.1

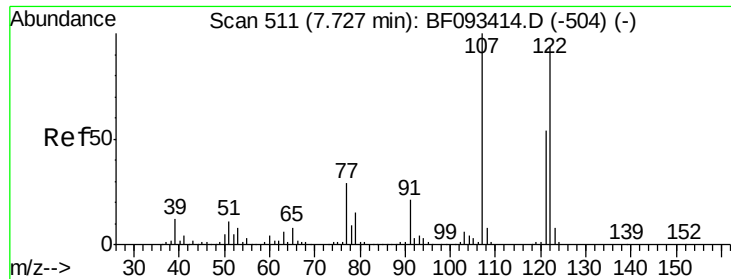


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

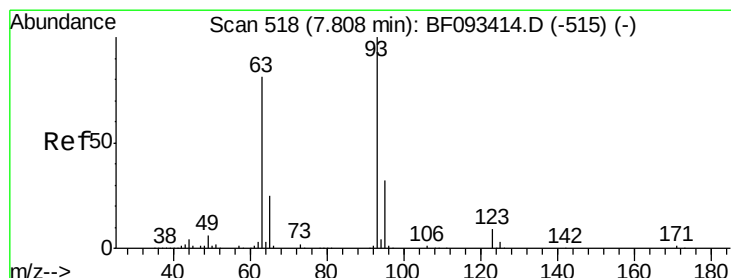
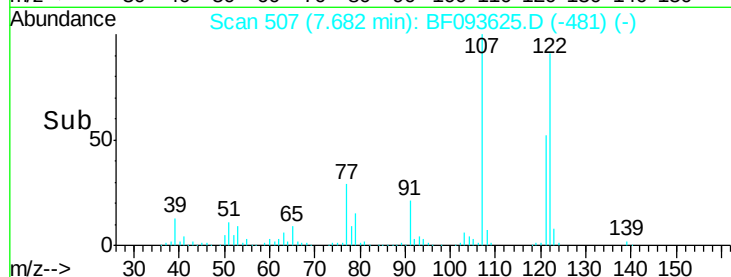
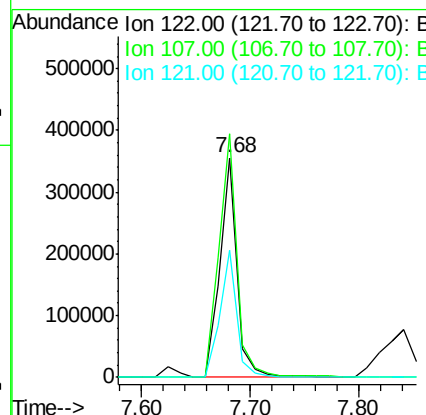
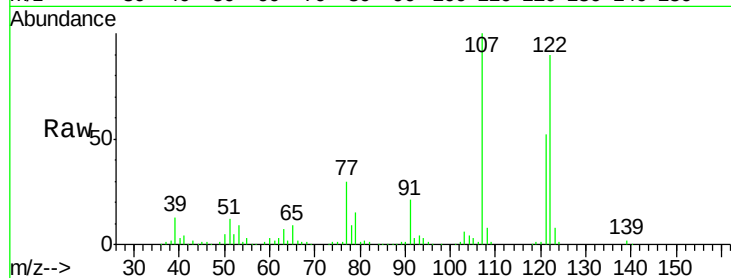




#27
 2,4-Dimethylphenol
 Concen: 36.08 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

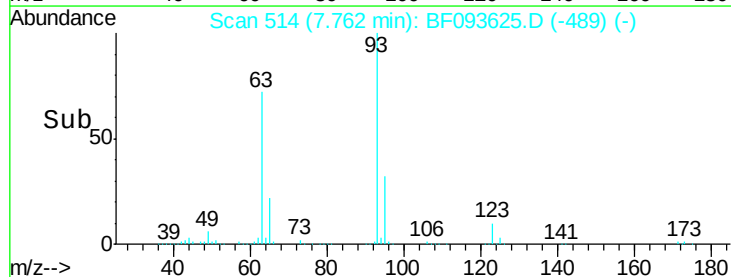
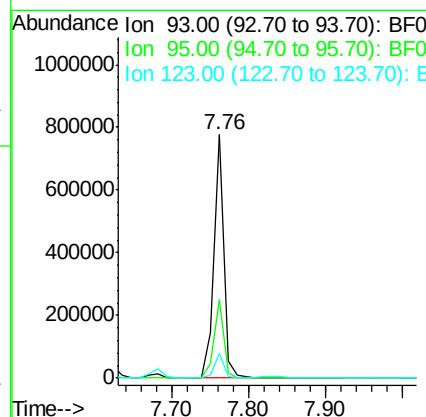
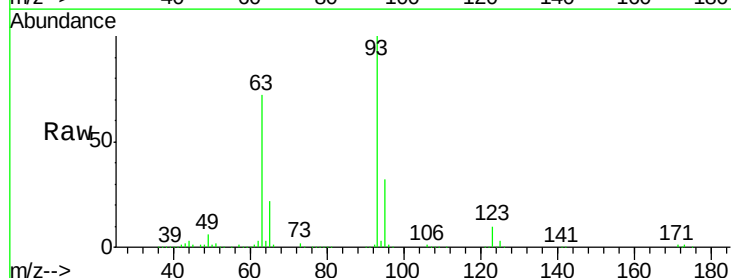
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

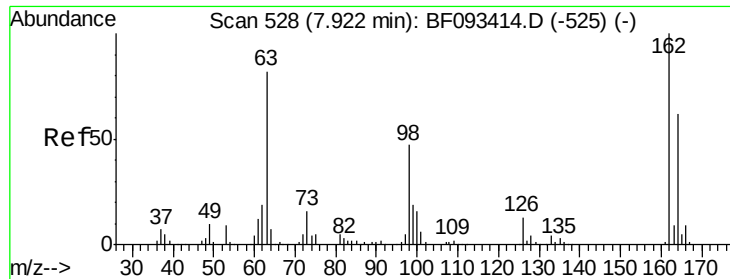
Tgt Ion: 122 Resp: 388365
 Ion Ratio Lower Upper
 122 100
 107 110.7 94.1 141.1
 121 57.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.89 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion: 93 Resp: 687988
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.1 8.6 13.0

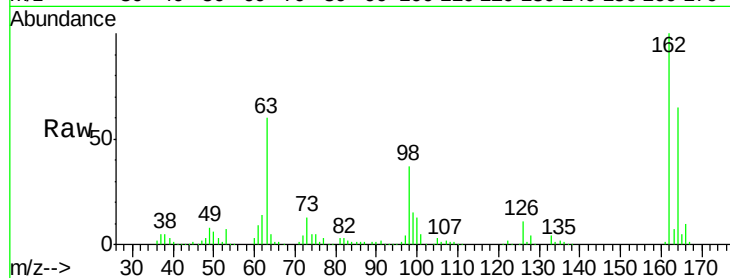




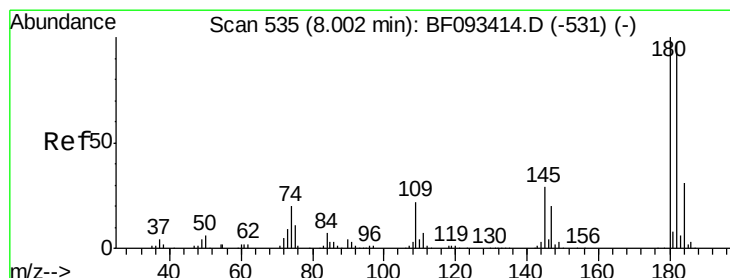
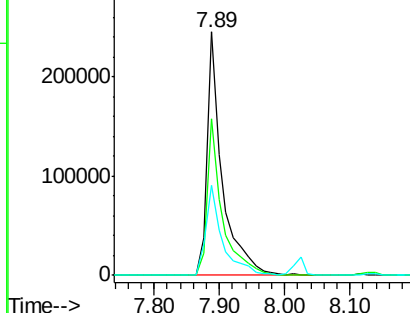
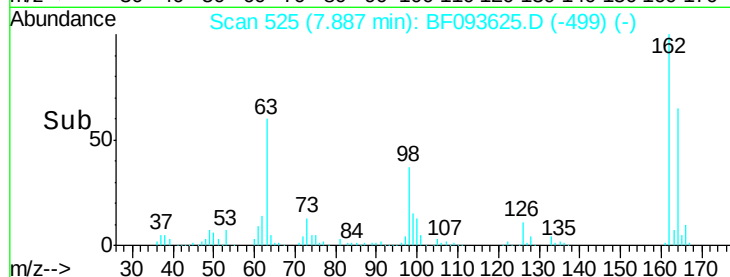
#29
 2,4-Dichlorophenol
 Concen: 39.07 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.8	86.8
98	37.2	9.1	49.1

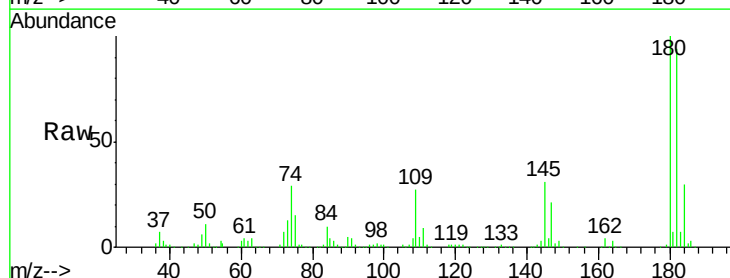


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

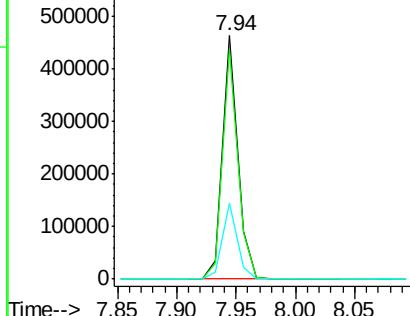
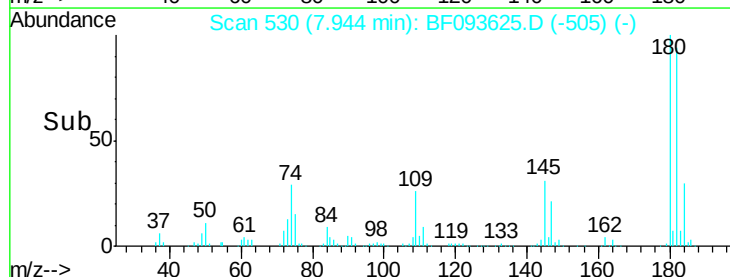


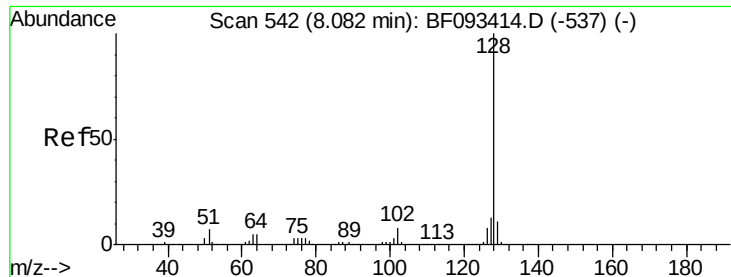
#30
 1,2,4-Trichlorobenzene
 Concen: 37.84 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.2	117.4
145	31.4	21.6	32.4



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

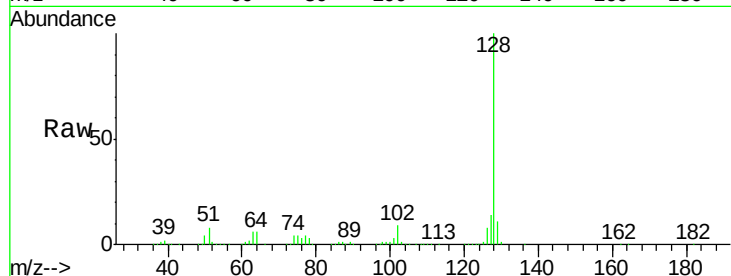




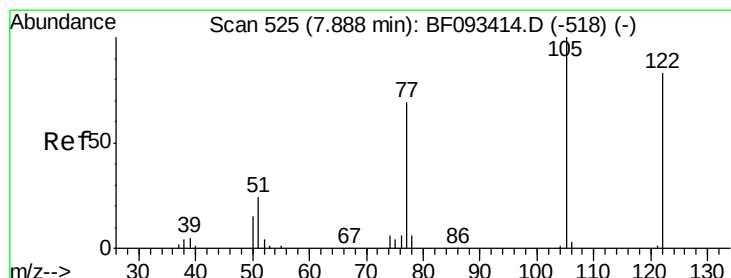
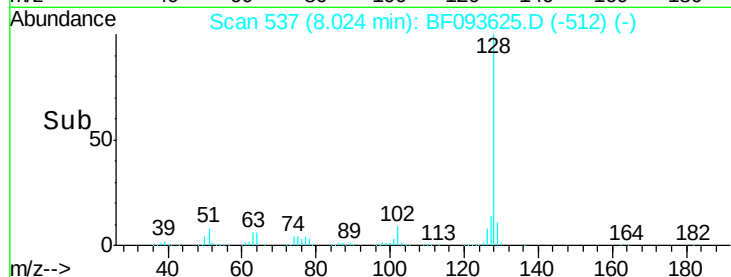
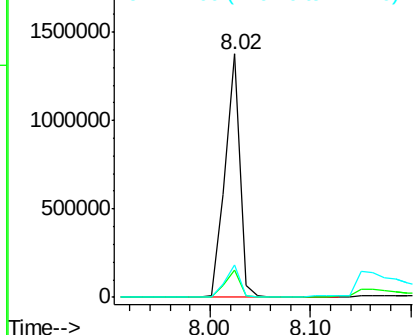
#31
Naphthalene
Concen: 39.30 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1409835
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.5 10.8 16.2

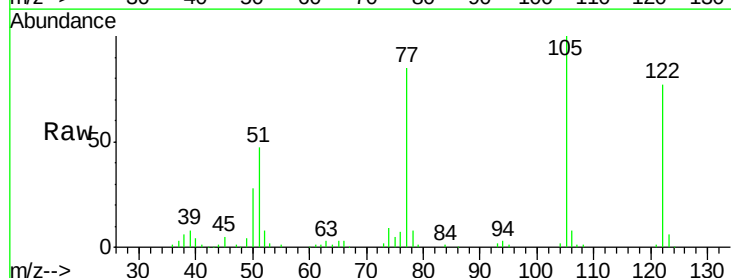


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

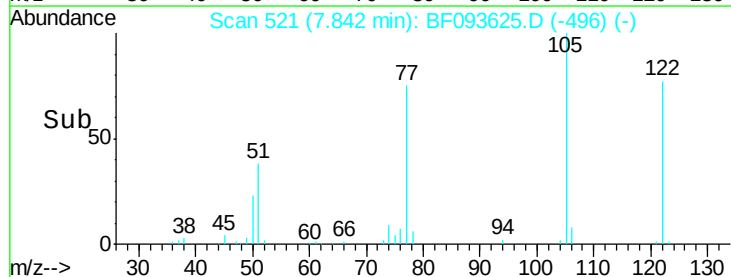
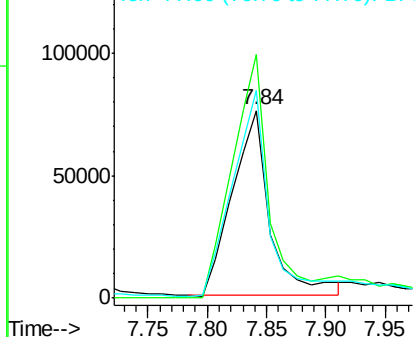


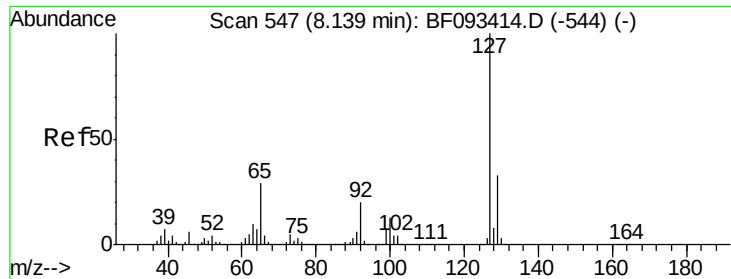
#32
Benzoic acid
Concen: 29.95 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:122 Resp: 167501
Ion Ratio Lower Upper
122 100
105 130.0 107.2 147.2
77 110.8 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

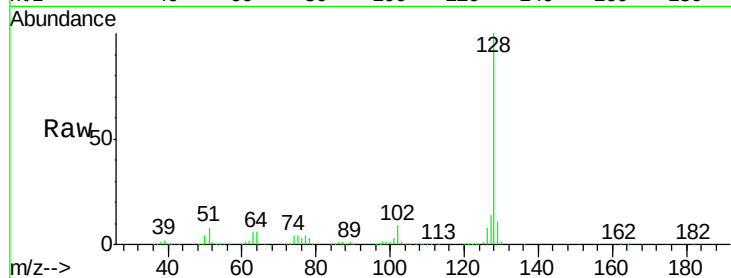




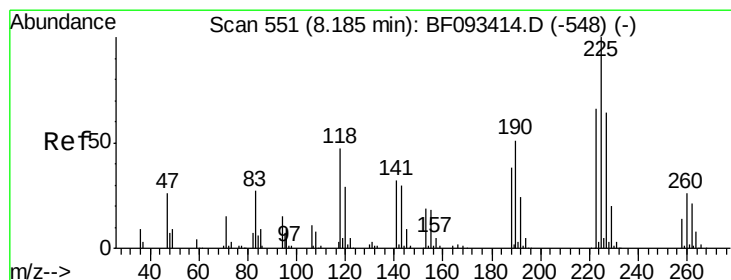
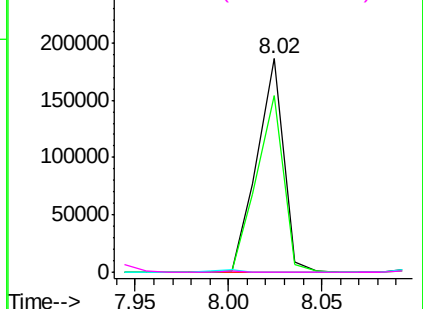
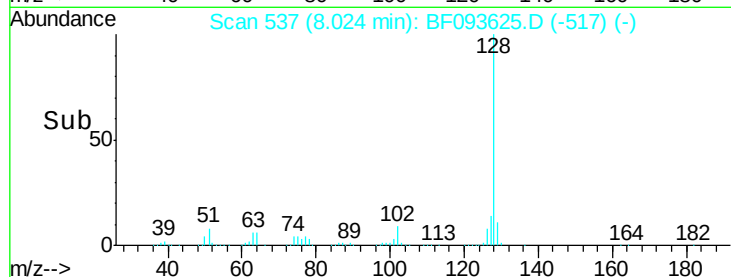
#33
4-Chloroaniline
Concen: 12.99 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	189103
Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#

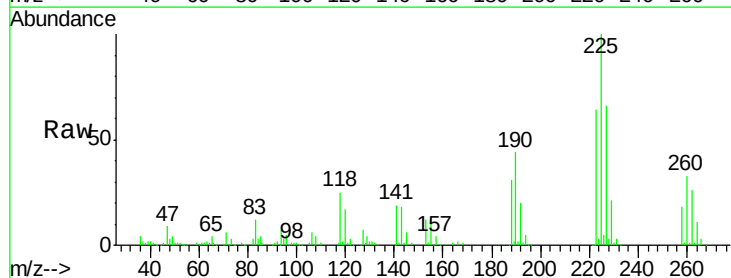


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

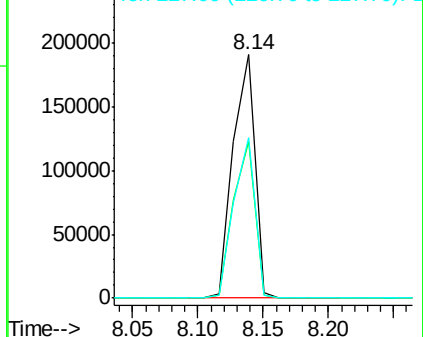
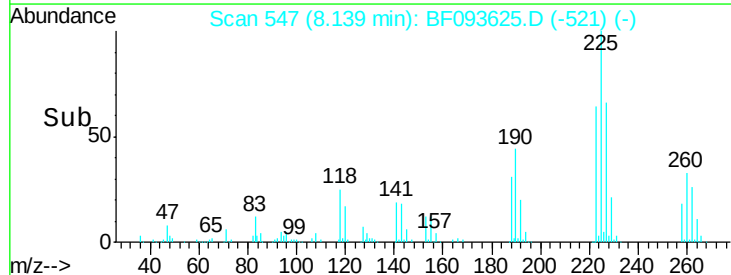


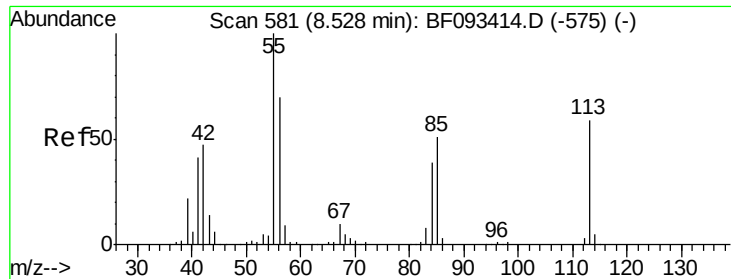
#34
Hexachlorobutadiene
Concen: 40.00 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:	225	Resp:	221863
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	66.1	50.6	76.0



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

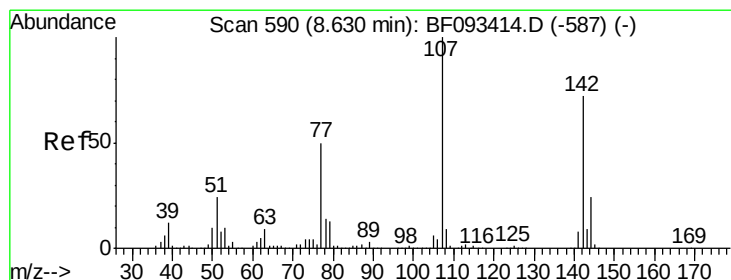
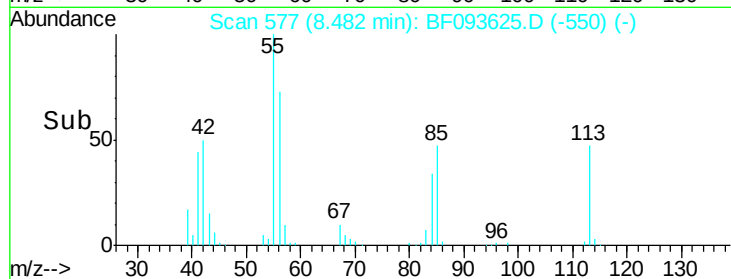
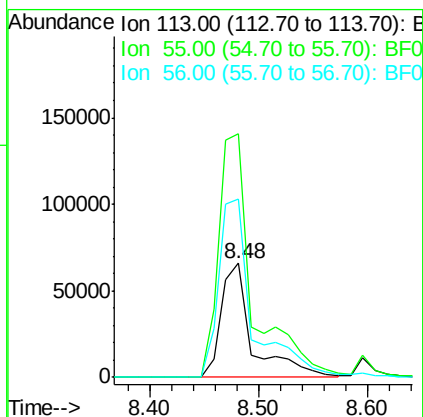
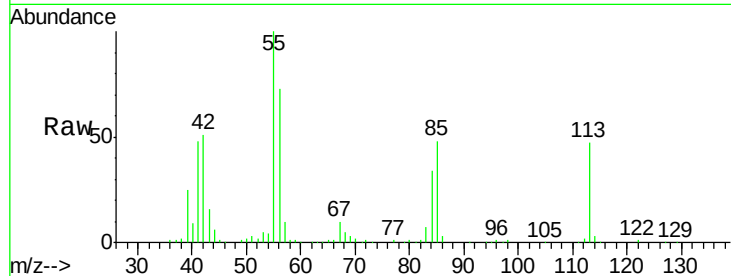




#35
 Caprolactam
 Concen: 38.25 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

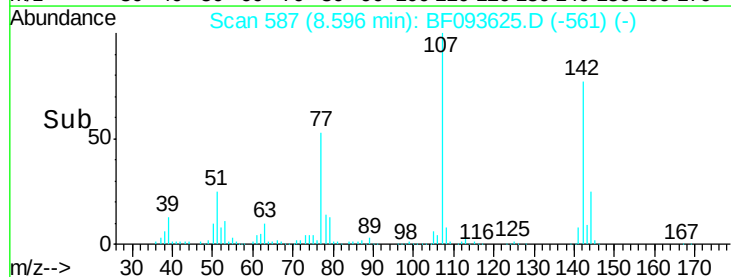
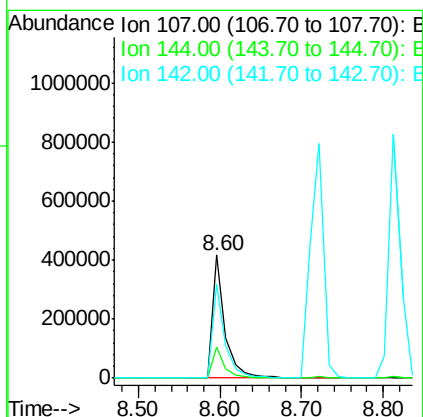
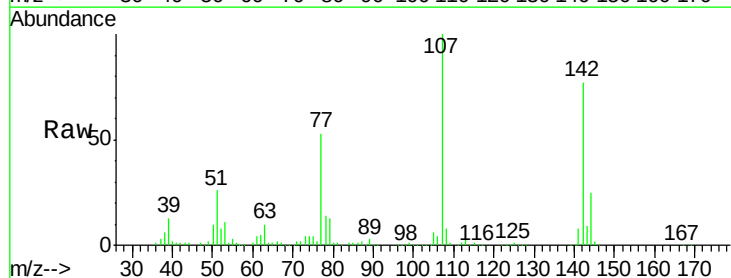
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

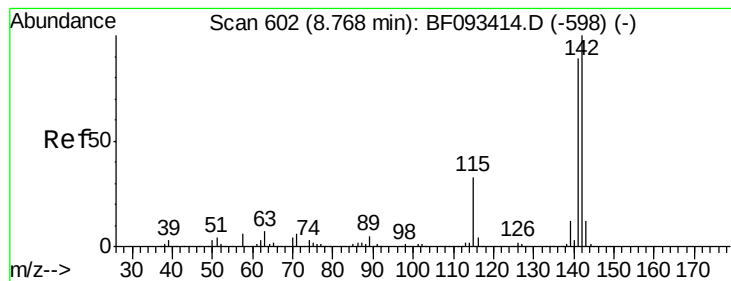
Tgt Ion:113 Resp: 132263
 Ion Ratio Lower Upper
 113 100
 55 213.4 119.2 159.2#
 56 156.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.03 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:107 Resp: 443395
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 76.7 59.0 88.6





#37

2-Methylnaphthalene

Concen: 39.04 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

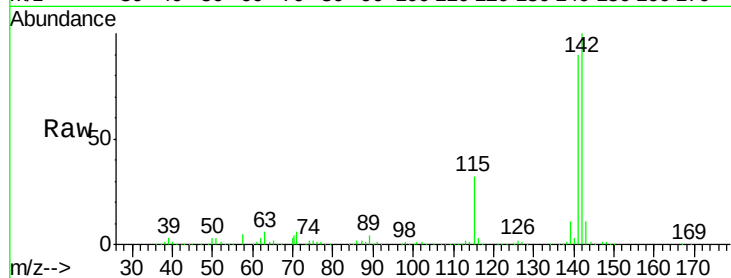
Tgt Ion:142 Resp: 891072

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

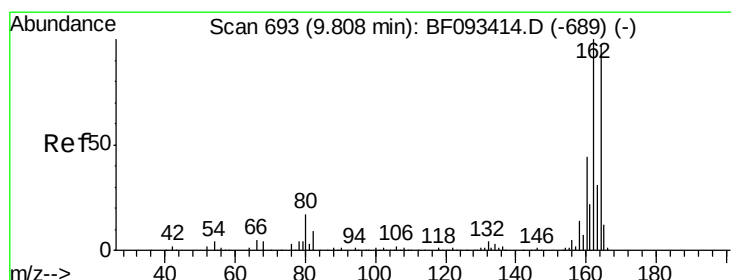
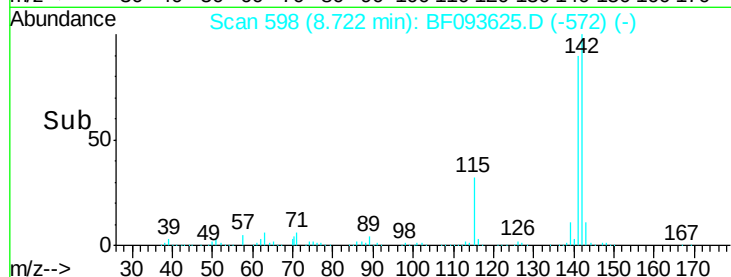
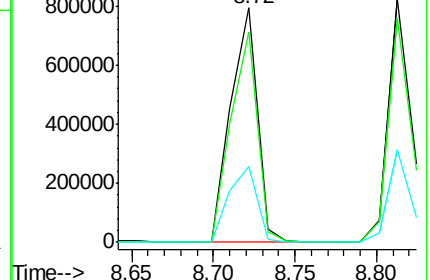
115 32.3 28.3 42.5



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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

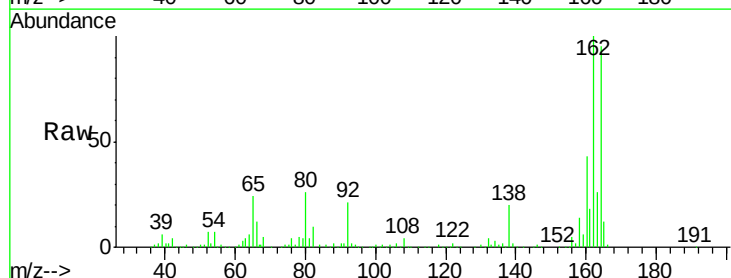
Tgt Ion:164 Resp: 322293

Ion Ratio Lower Upper

164 100

162 105.0 80.2 120.2

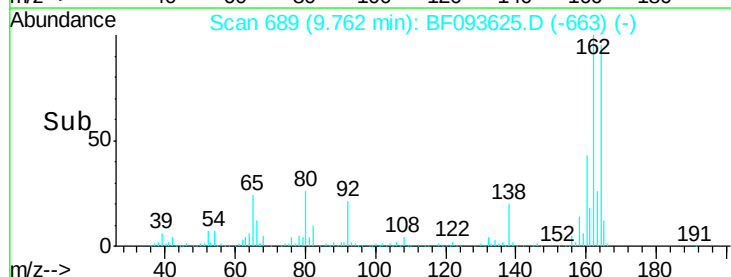
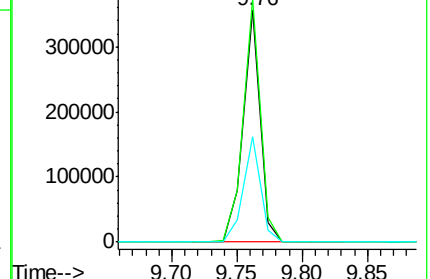
160 45.5 36.9 55.3

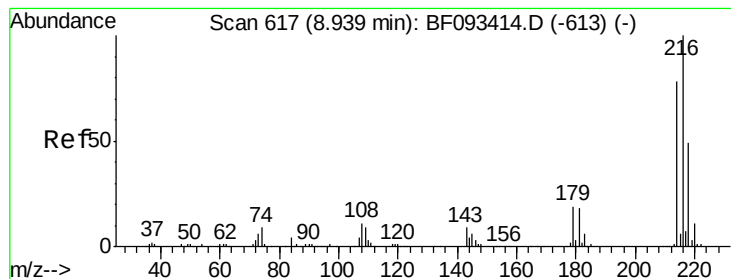


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.90 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 395181

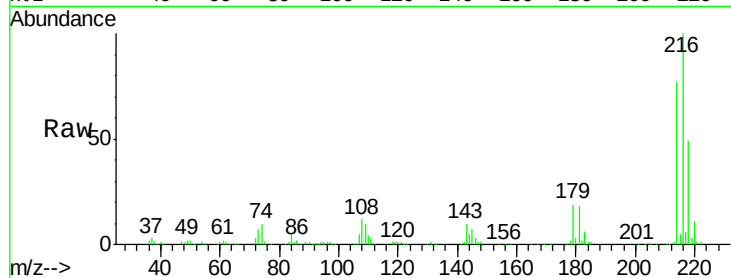
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.8 17.4 26.2

108 20.1 15.6 23.4

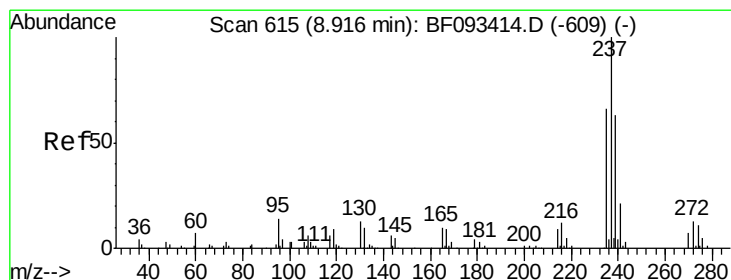
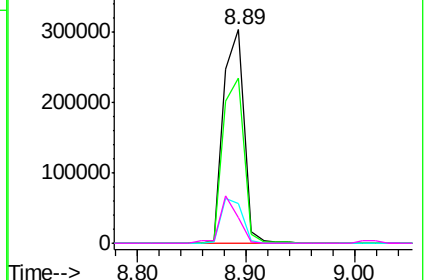
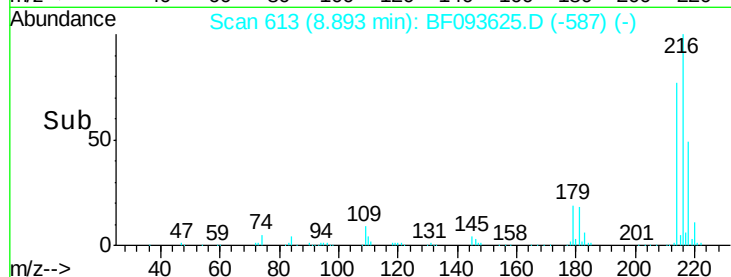


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.73 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

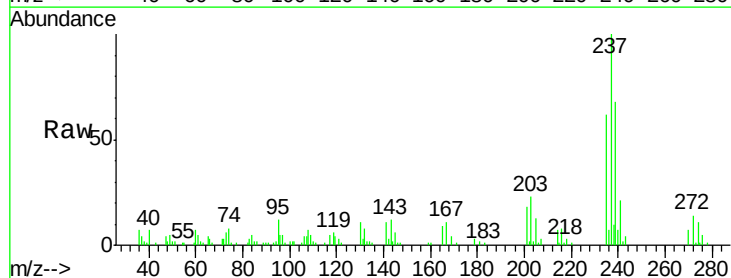
Tgt Ion:237 Resp: 64470

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

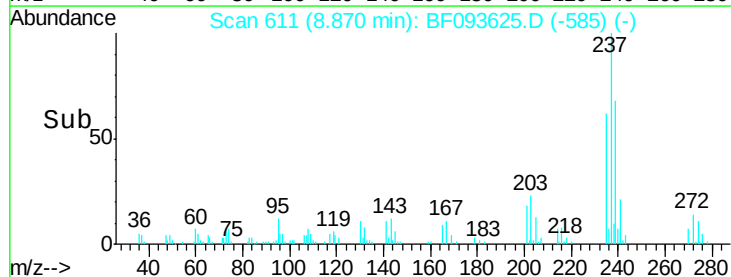
272 14.3 0.0 35.4



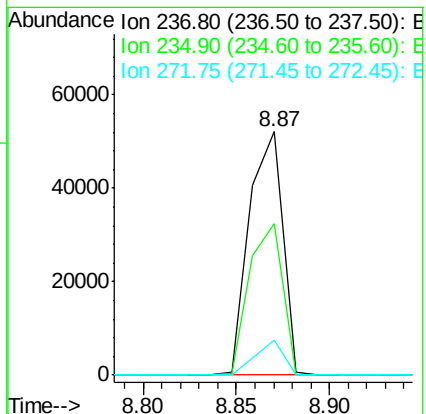
Abundance Ion 236.80 (236.50 to 237.50): E

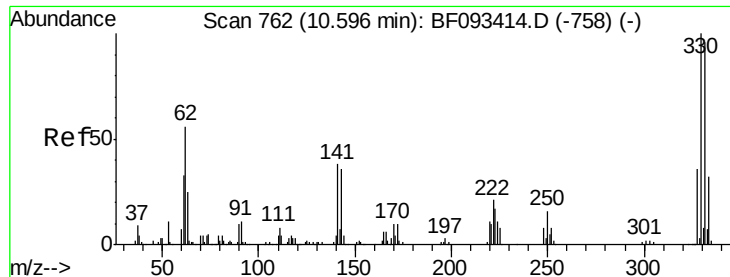
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

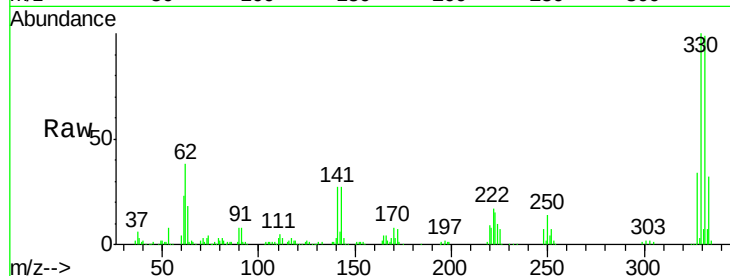




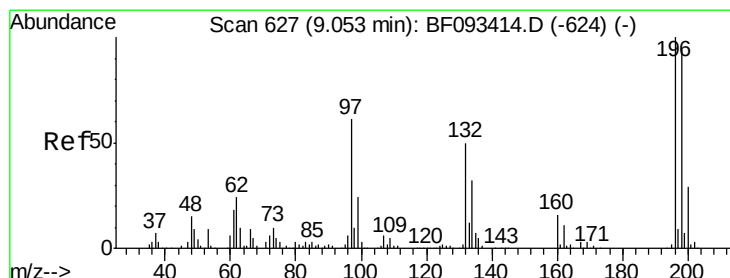
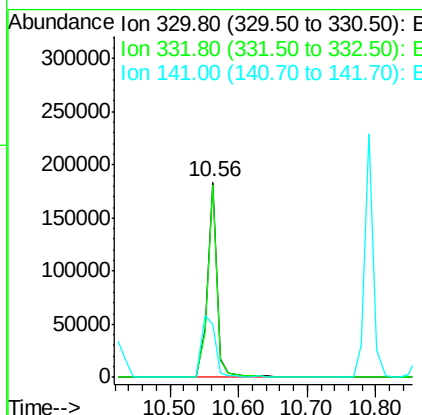
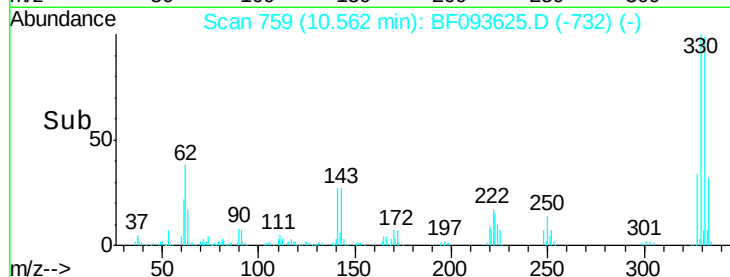
#41
 2,4,6-Tribromophenol
 Concen: 86.30 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 181205
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 46.3 34.1 51.1

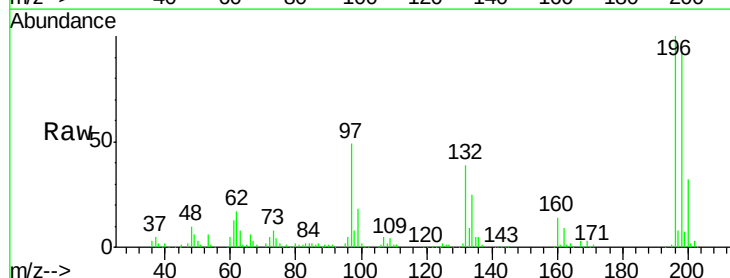


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

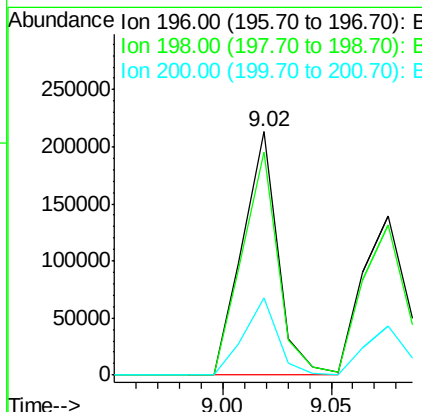
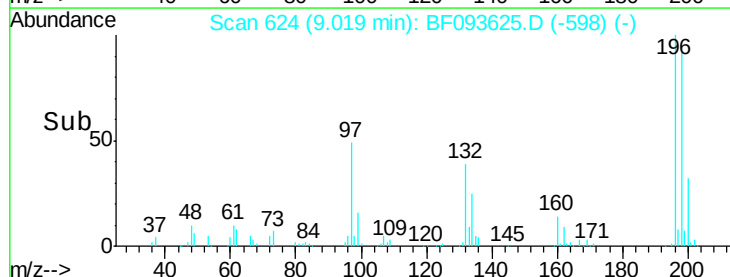


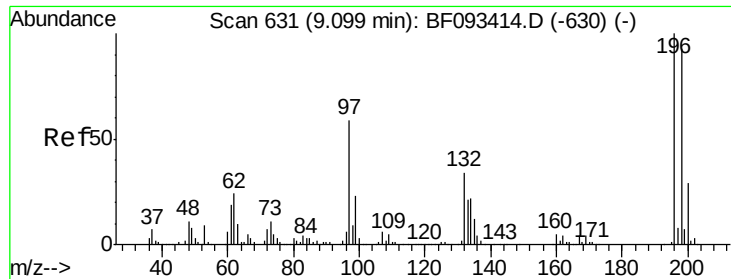
#42
 2,4,6-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:196 Resp: 241832
 Ion Ratio Lower Upper
 196 100
 198 91.7 82.1 123.1
 200 31.9 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

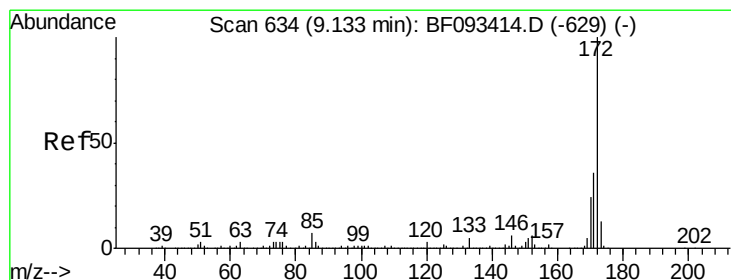
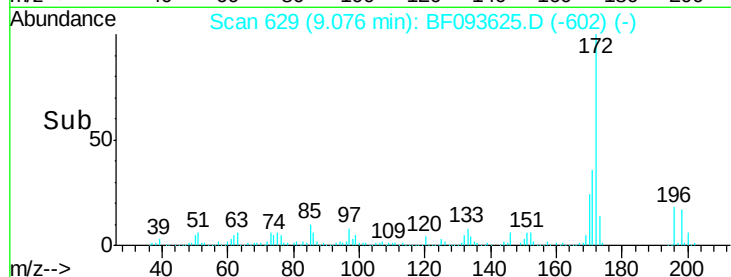
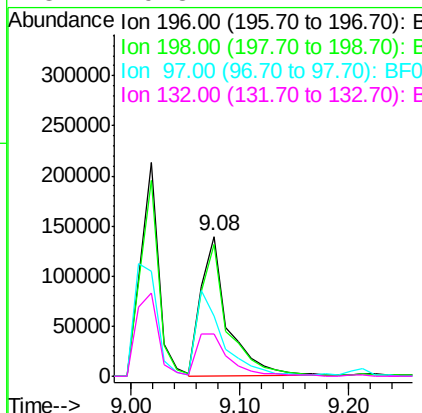
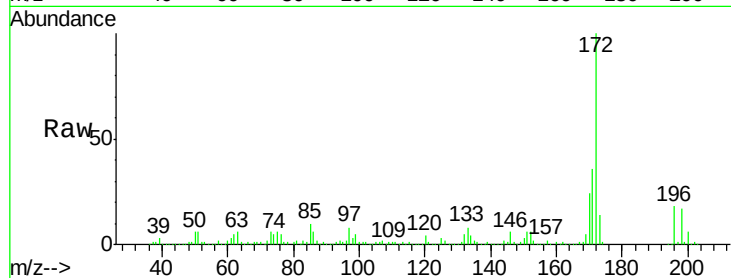




#43
 2,4,5-Trichlorophenol
 Concen: 40.55 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

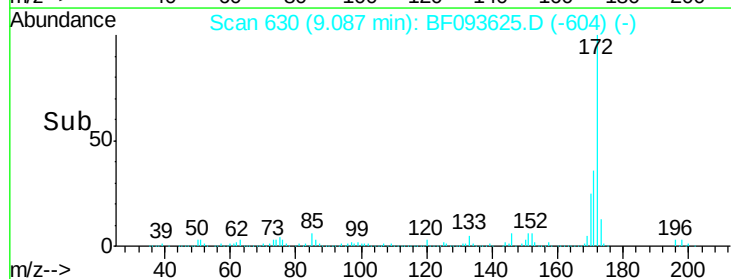
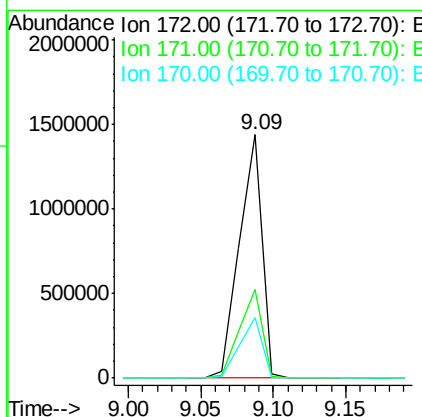
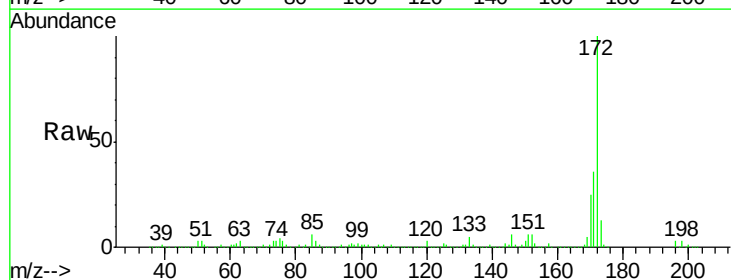
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

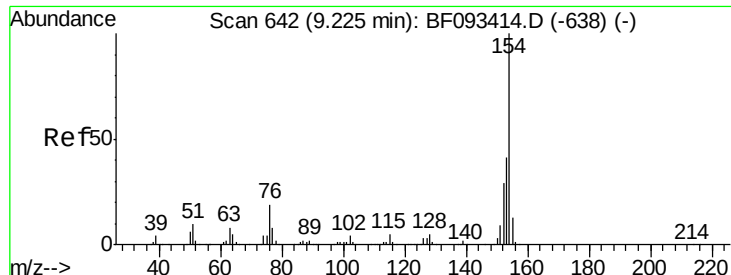
Tgt Ion	Resp	Lower	Upper
196	239217		
198	94.0	79.4	119.2
97	43.4	51.5	77.3#
132	29.8	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Resp	Lower	Upper
172	1566439		
171	36.4	29.4	44.0
170	24.7	20.2	30.4

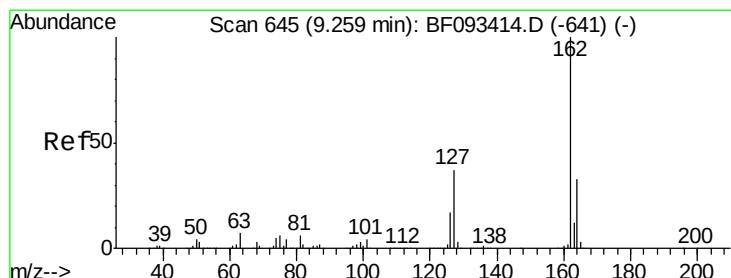
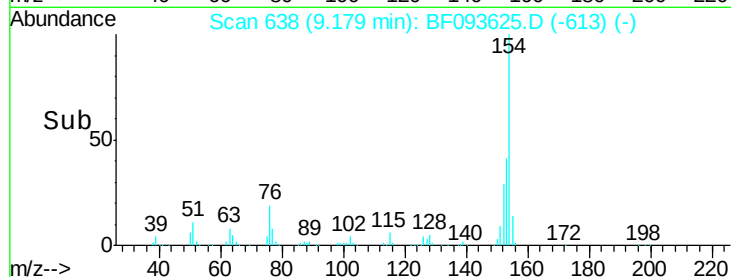
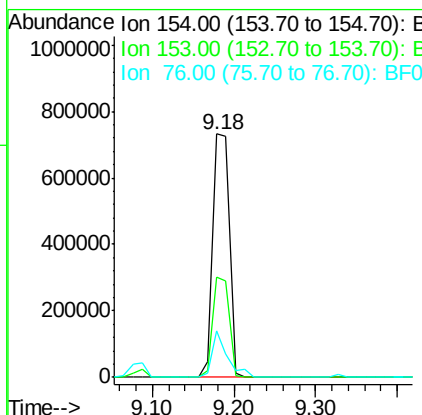
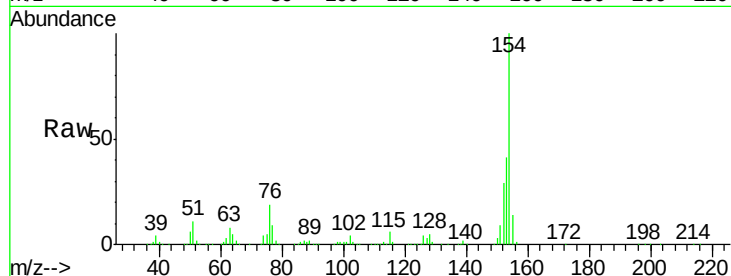




#45
 1,1'-Biphenyl
 Concen: 44.68 ng
 RT: 9.18 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

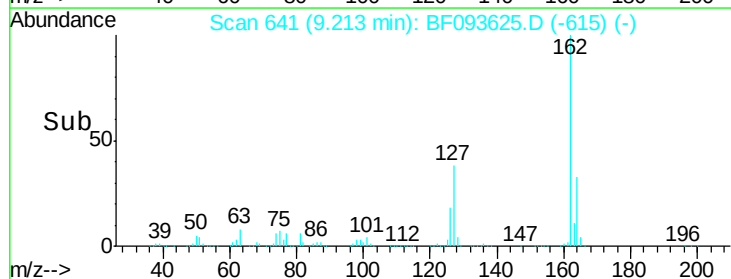
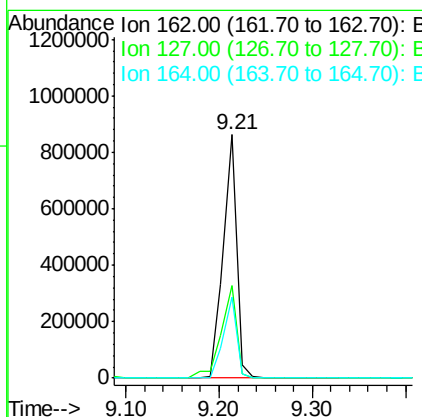
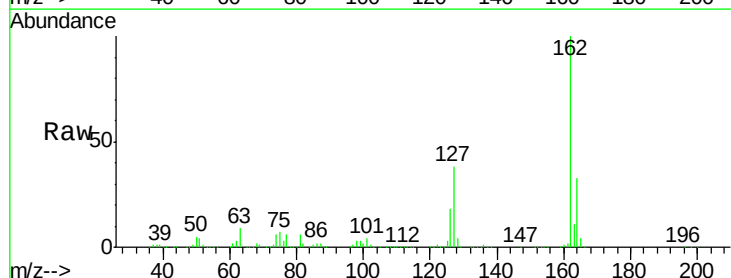
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

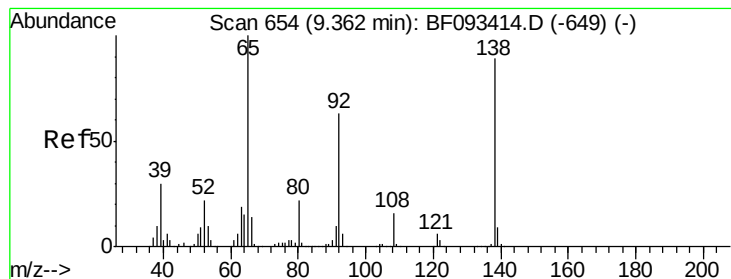
Tgt Ion:154 Resp: 1048976
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 19.3 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 48.09 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:162 Resp: 864327
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.7 46.1
 164 33.2 27.6 41.4





#47

2-Nitroaniline

Concen: 51.61 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

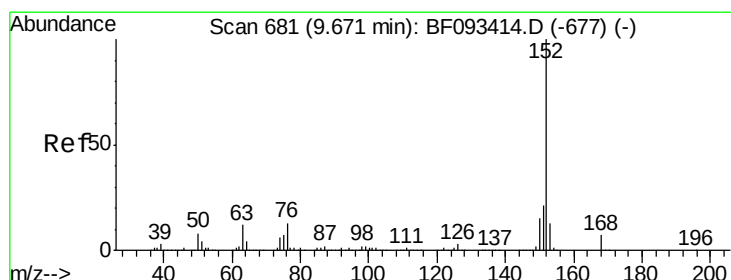
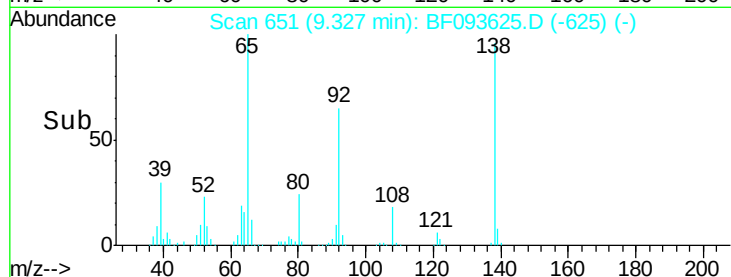
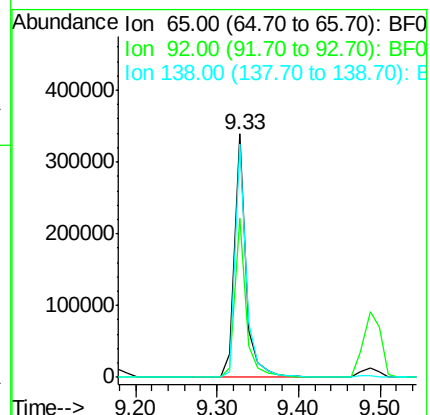
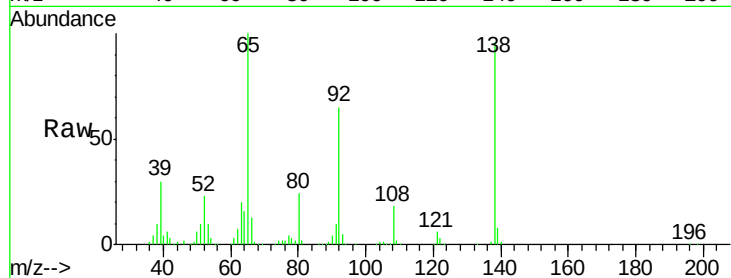
Tgt Ion: 65 Resp: 327854

Ion Ratio Lower Upper

65 100

92 65.4 53.9 80.9

138 95.7 76.8 115.2



#48

Acenaphthylene

Concen: 45.74 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

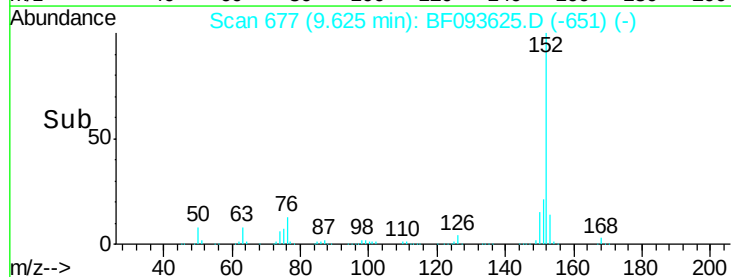
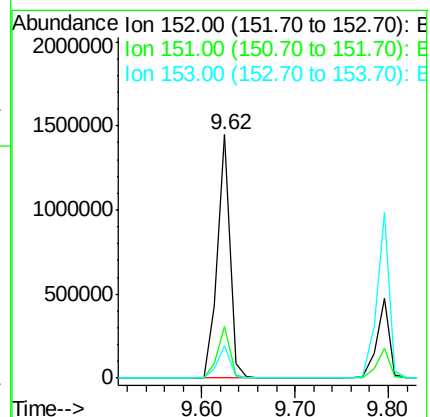
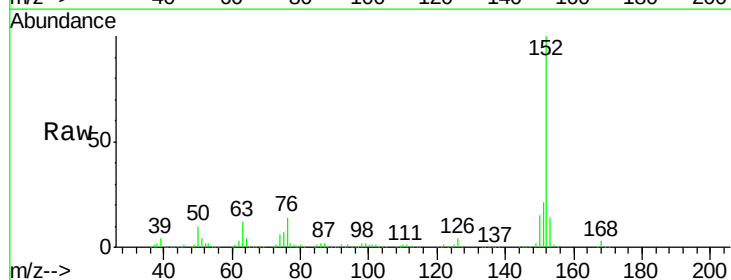
Tgt Ion: 152 Resp: 1355571

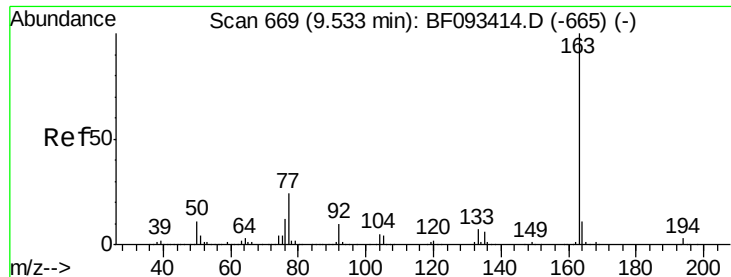
Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 44.20 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

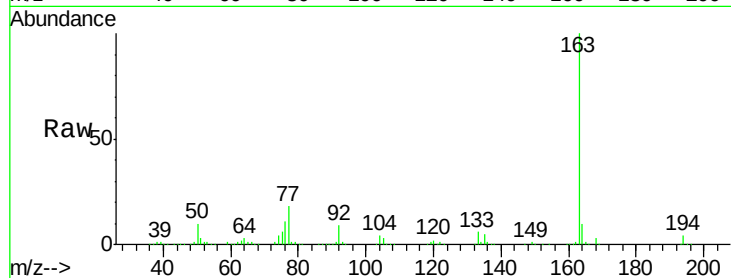
Tgt Ion:163 Resp: 944466

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

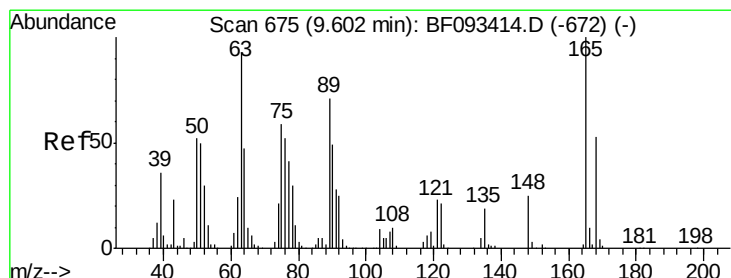
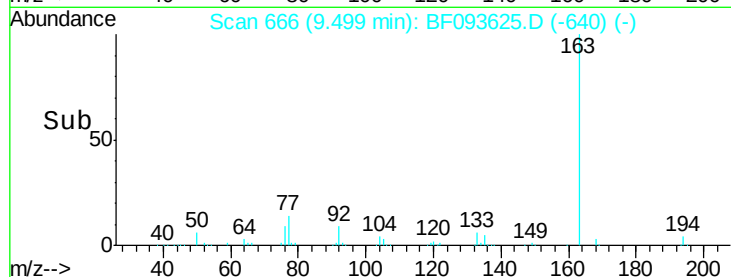
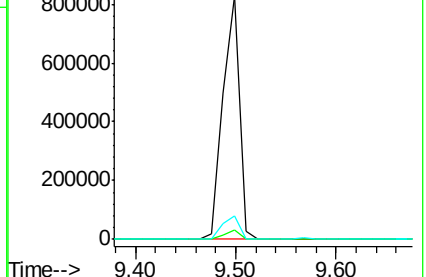
164 9.9 8.0 12.0



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: 47.18 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

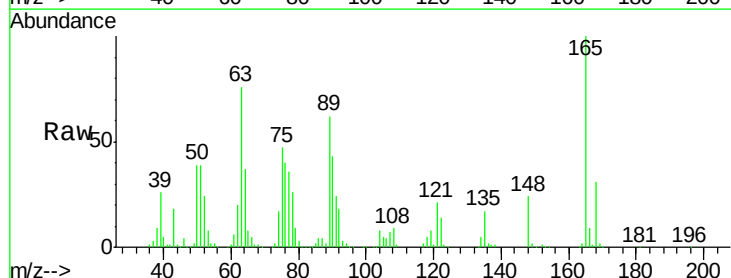
Tgt Ion:165 Resp: 221195

Ion Ratio Lower Upper

165 100

63 76.2 36.2 54.4#

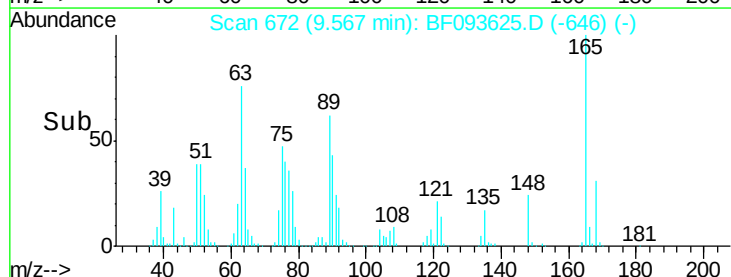
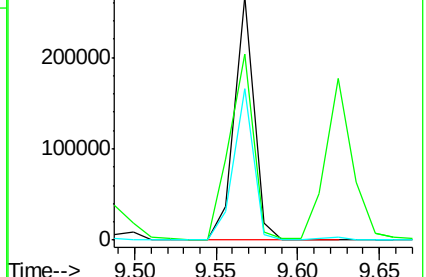
89 62.3 40.2 60.4#

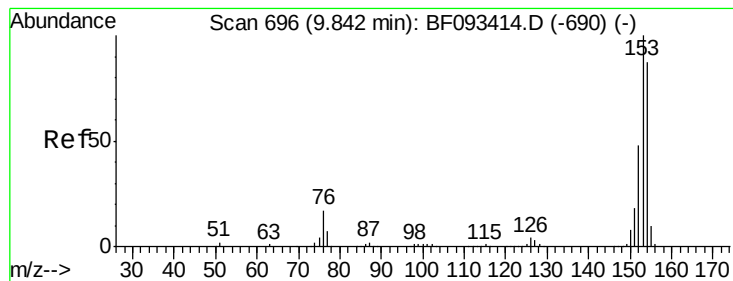


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.86 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

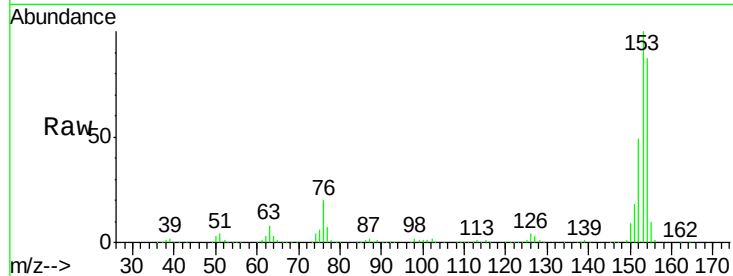
Tgt Ion:154 Resp: 803829

Ion Ratio Lower Upper

154 100

153 114.8 88.6 133.0

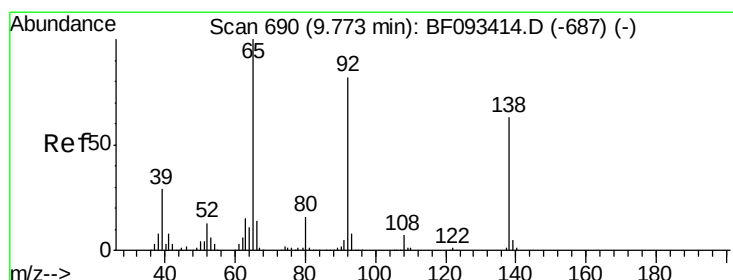
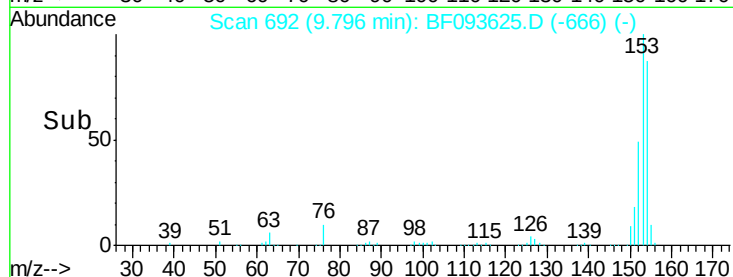
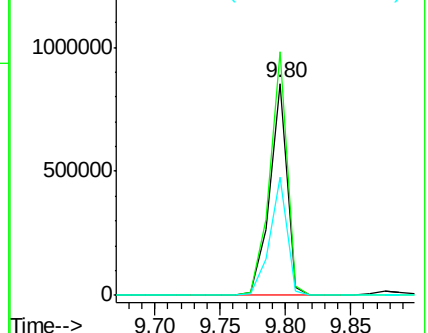
152 55.9 41.6 62.4



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: 41.86 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

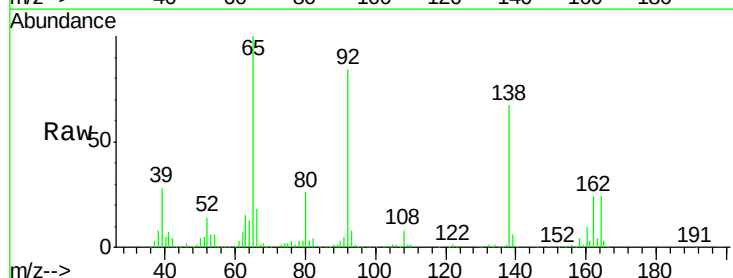
Tgt Ion:138 Resp: 235768

Ion Ratio Lower Upper

138 100

108 12.5 8.5 12.7

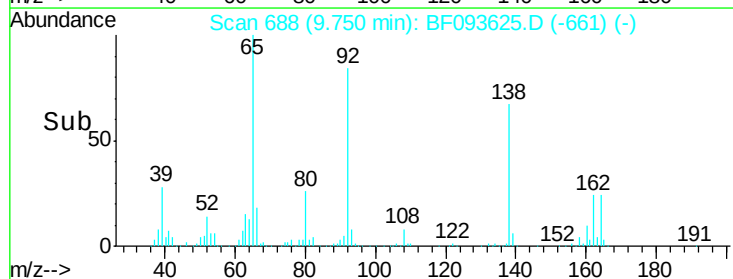
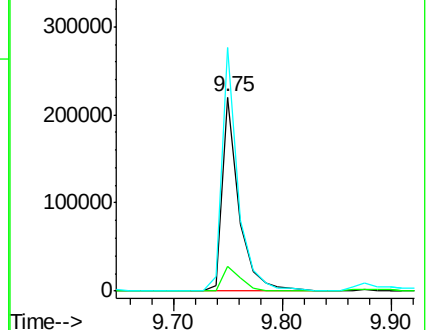
92 125.4 97.8 146.8

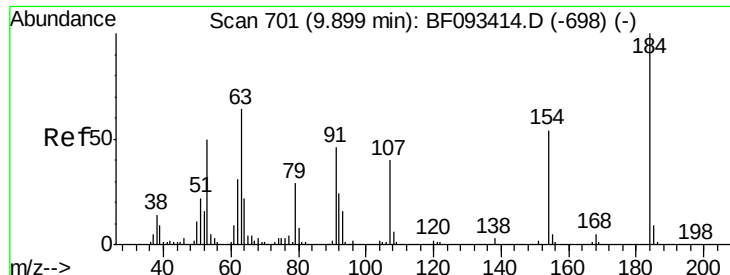


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

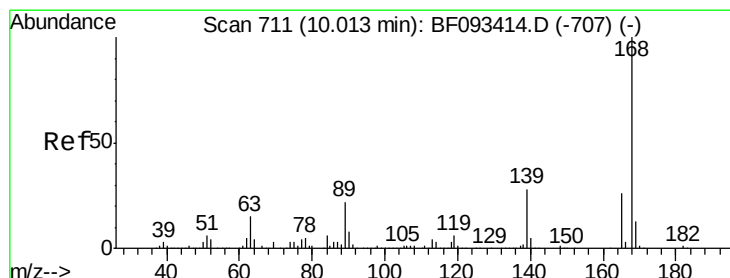
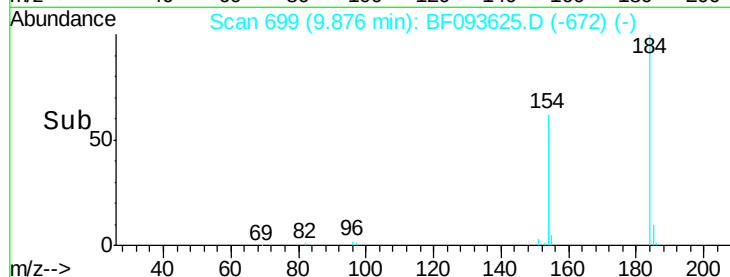
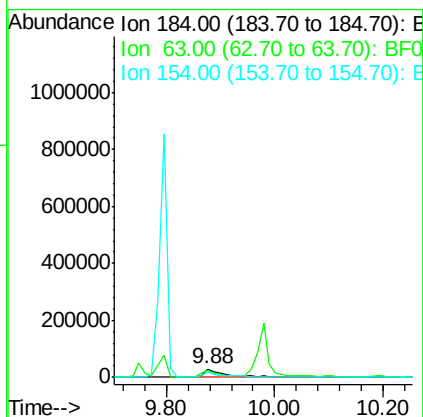
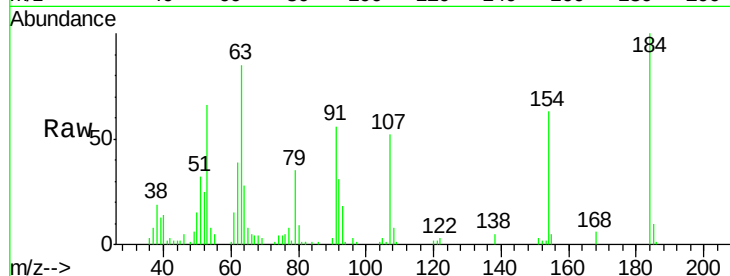




#53
2,4-Dinitrophenol
Concen: 44.33 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

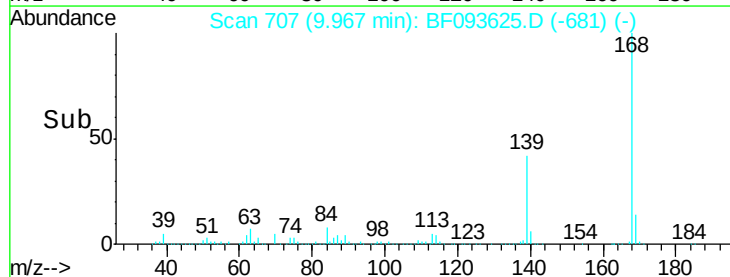
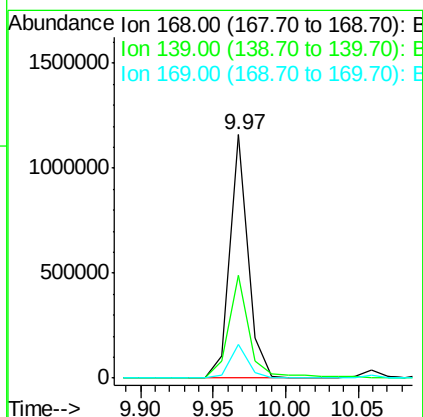
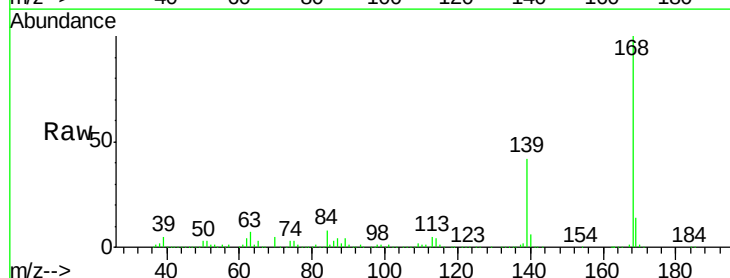
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

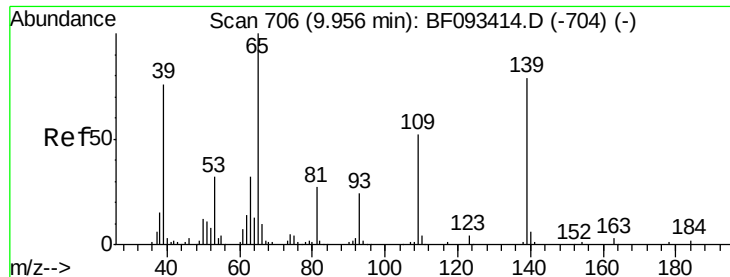
Tgt Ion:184 Resp: 94645
Ion Ratio Lower Upper
184 100
63 85.1 28.4 42.6#
154 62.8 44.3 66.5



#54
Dibenzofuran
Concen: 45.73 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:168 Resp: 1003089
Ion Ratio Lower Upper
168 100
139 42.4 32.6 49.0
169 13.7 11.3 16.9





#55

4-Nitrophenol

Concen: 188.10 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

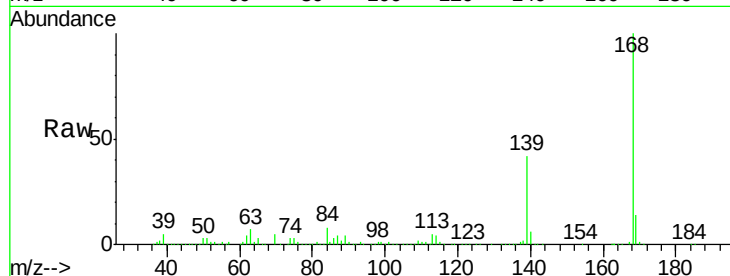
Tgt Ion:139 Resp: 514601

Ion Ratio Lower Upper

139 100

109 4.6 52.2 92.2#

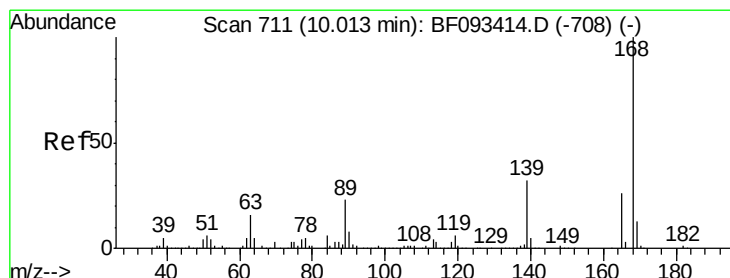
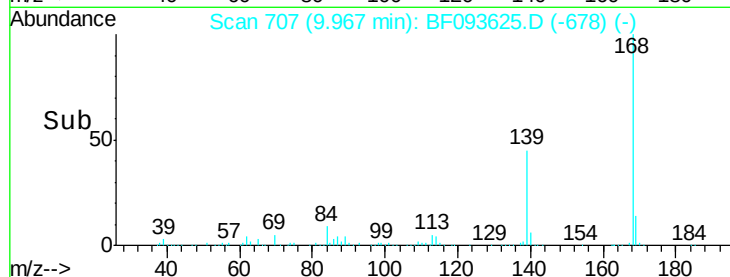
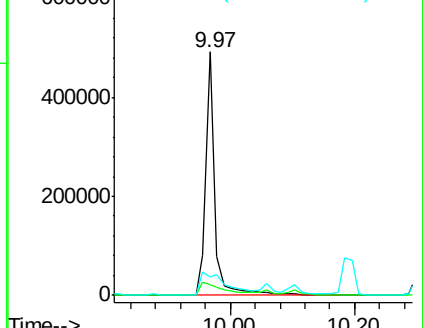
65 7.7 85.8 125.8#



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: 50.33 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:165 Resp: 289904

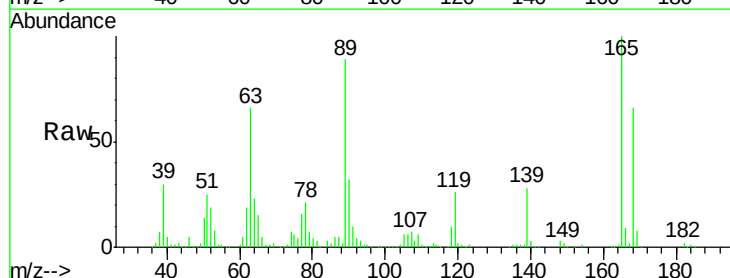
Ion Ratio Lower Upper

165 100

63 66.3 40.2 60.4#

89 89.3 62.5 93.7

182 2.0 1.8 2.8

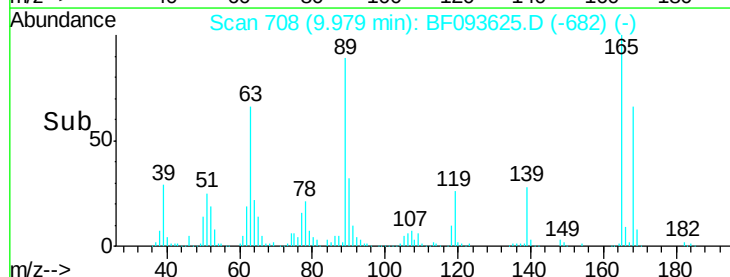
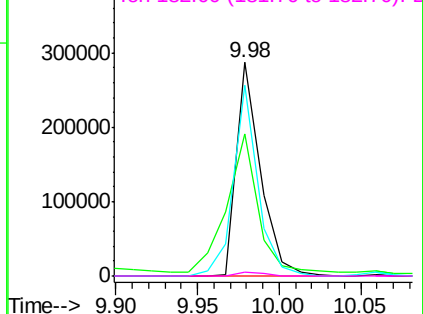


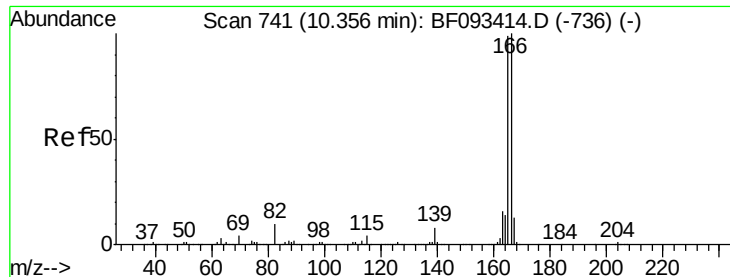
Abundance Ion 165.00 (164.70 to 165.70): E

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

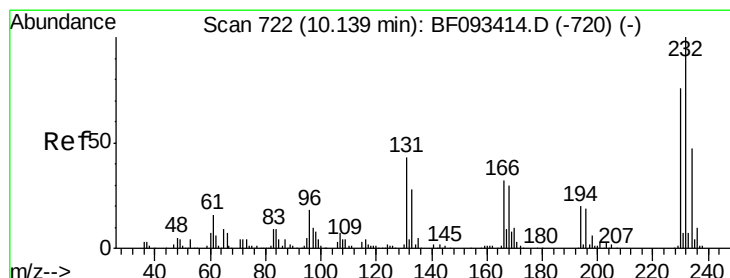
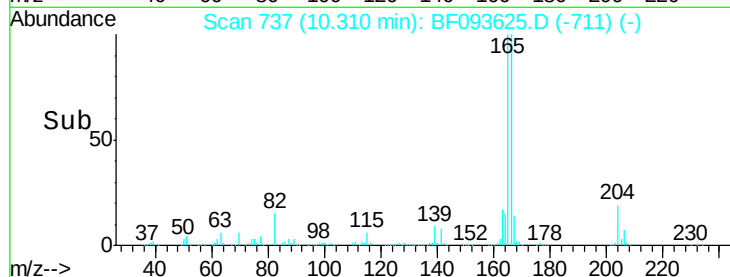
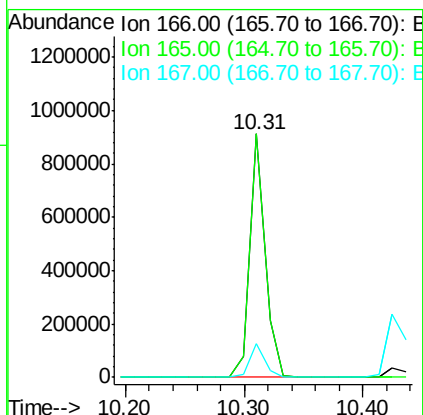
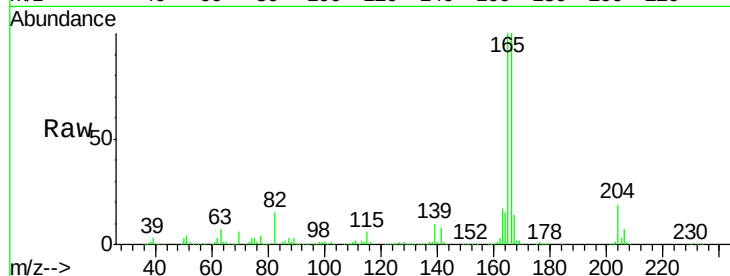




#57
 Fluorene
 Concen: 44.74 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

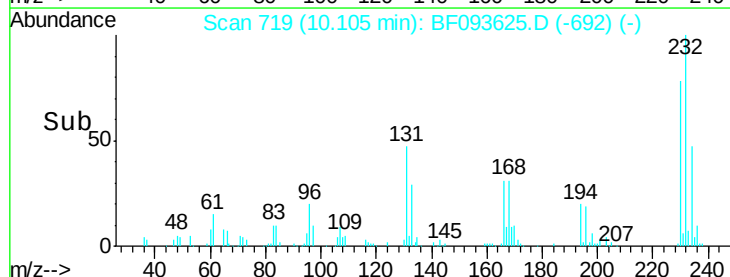
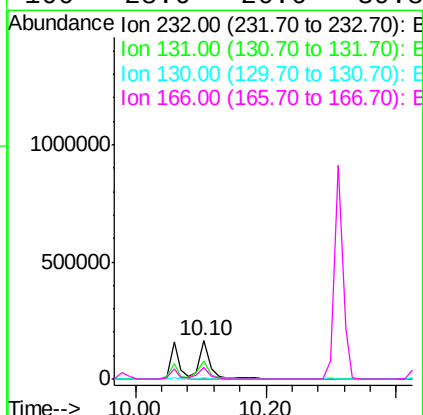
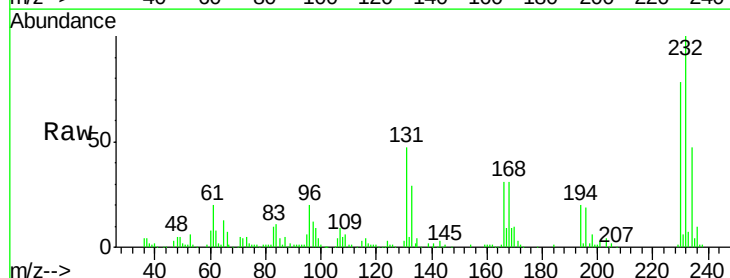
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

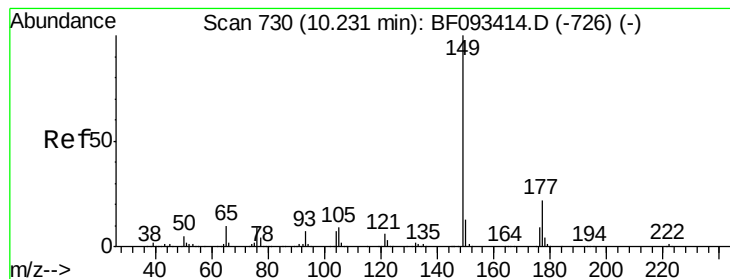
Tgt Ion:166 Resp: 831708
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.17 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:232 Resp: 188064
 Ion Ratio Lower Upper
 232 100
 131 48.8 40.1 60.1
 130 2.5 1.8 2.8
 166 28.6 26.6 39.8





#59

Diethylphthalate

Concen: 47.08 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

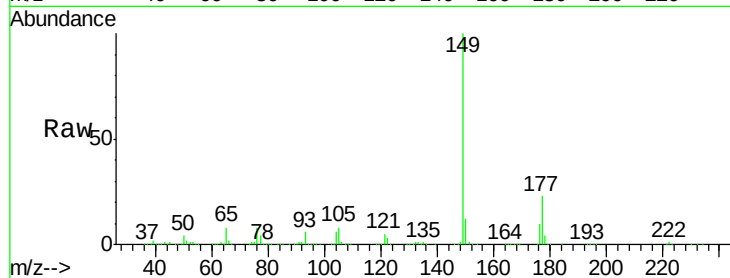
Tgt Ion:149 Resp: 961449

Ion Ratio Lower Upper

149 100

177 23.4 16.6 25.0

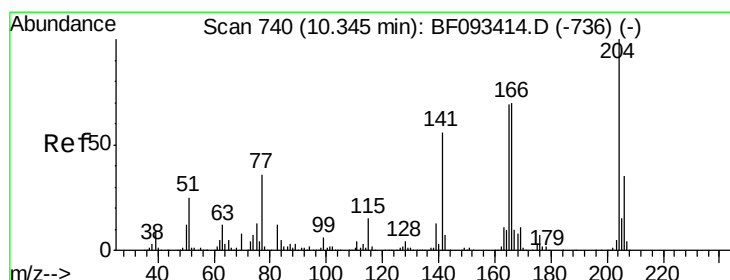
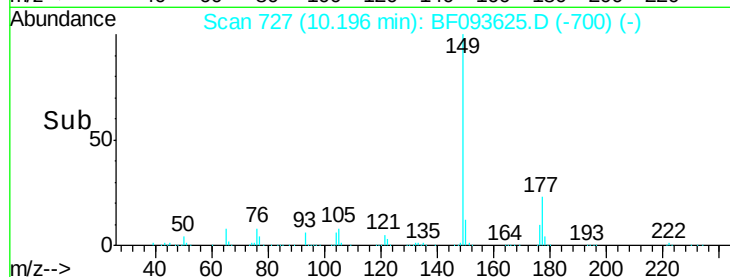
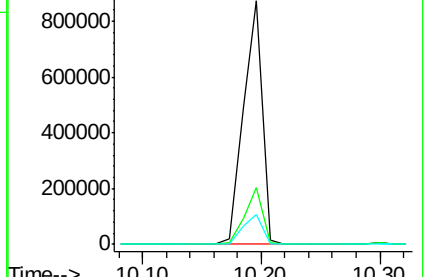
150 12.3 10.4 15.6



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: 45.53 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

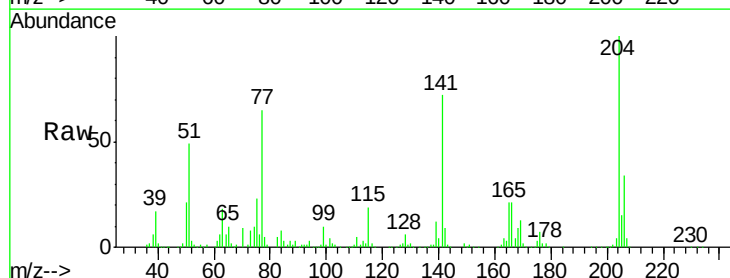
Tgt Ion:204 Resp: 379384

Ion Ratio Lower Upper

204 100

206 33.9 25.8 38.6

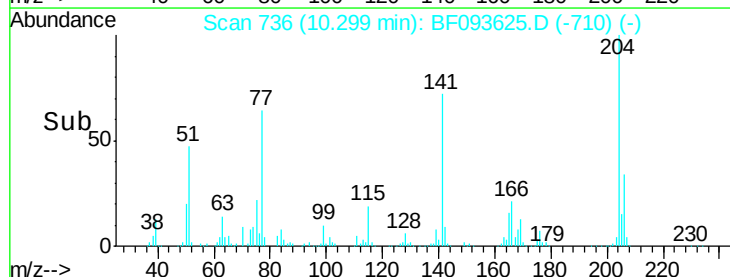
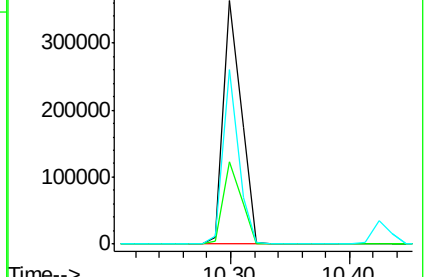
141 71.6 59.4 89.0

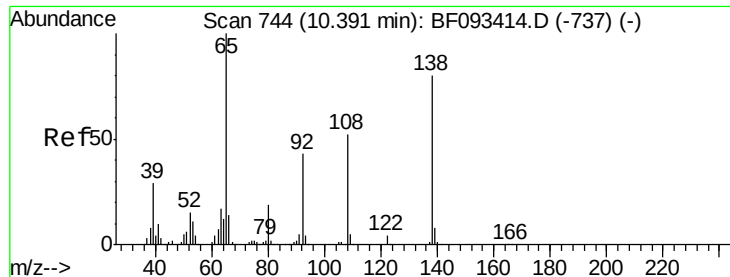


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

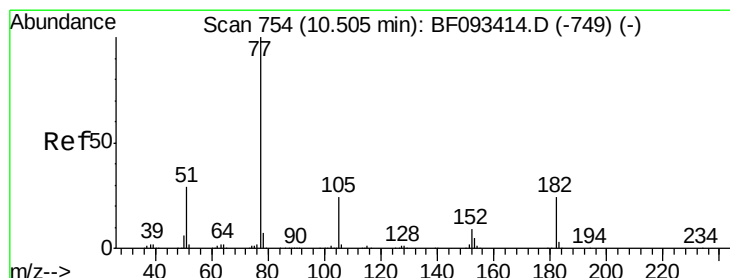
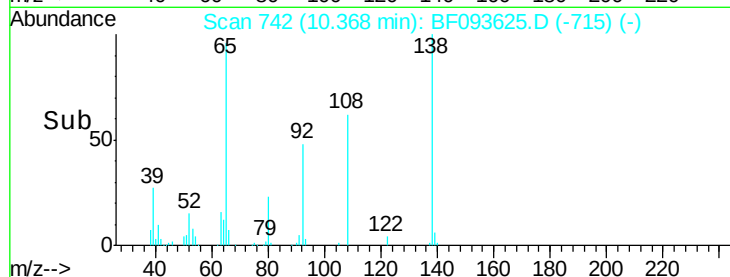
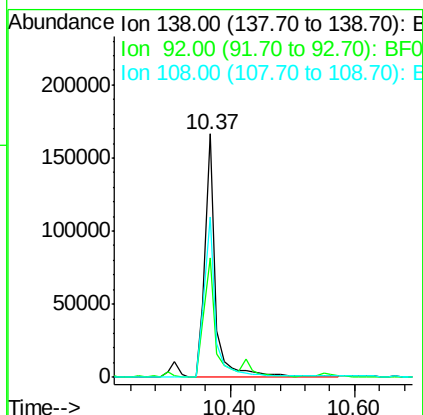
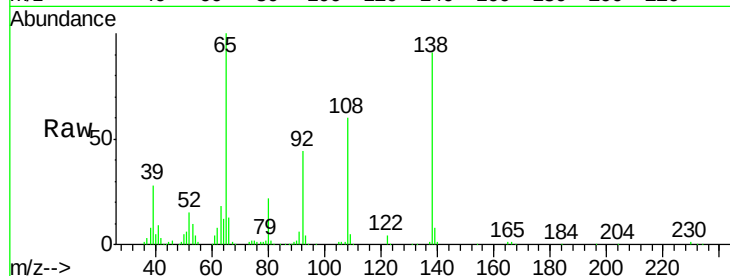




#61
4-Nitroaniline
Concen: 35.34 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

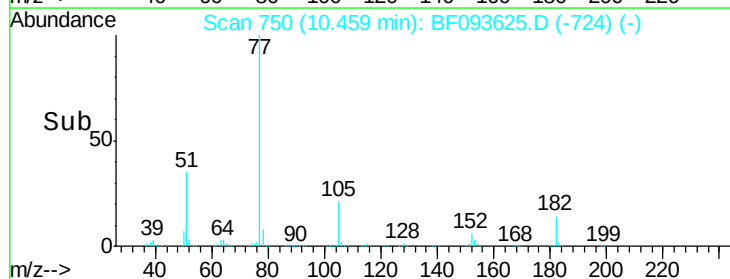
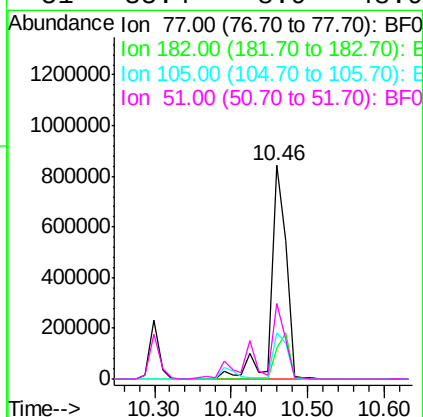
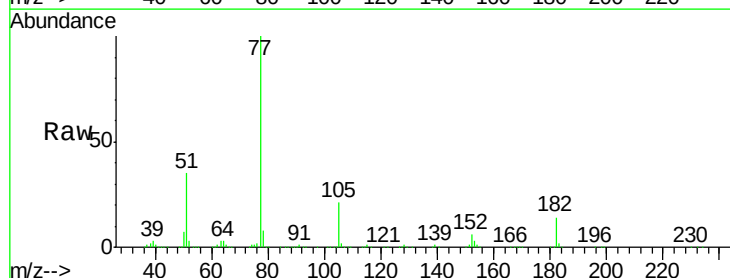
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

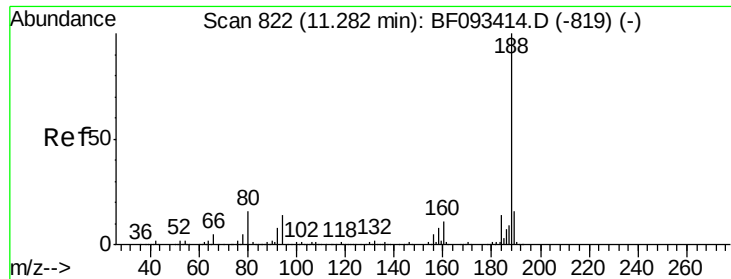
Tgt Ion:138 Resp: 203601
Ion Ratio Lower Upper
138 100
92 48.9 31.7 71.7
108 65.7 52.6 92.6



#62
Azobenzene
Concen: 47.91 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion: 77 Resp: 1111734
Ion Ratio Lower Upper
77 100
182 14.2 0.0 39.3
105 21.4 2.3 42.3
51 35.4 8.9 48.9

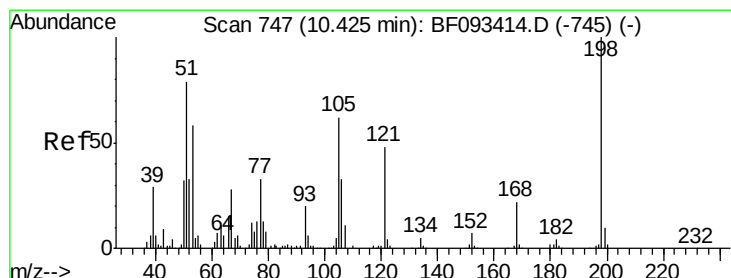
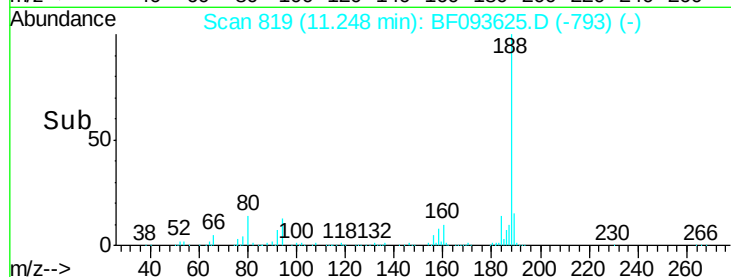
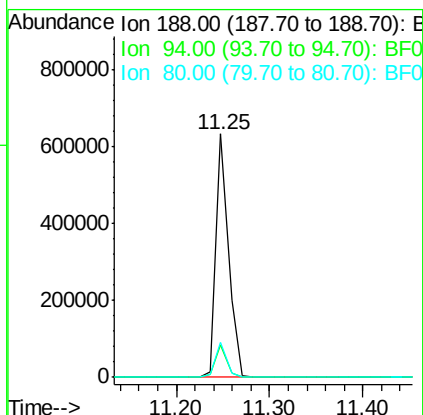
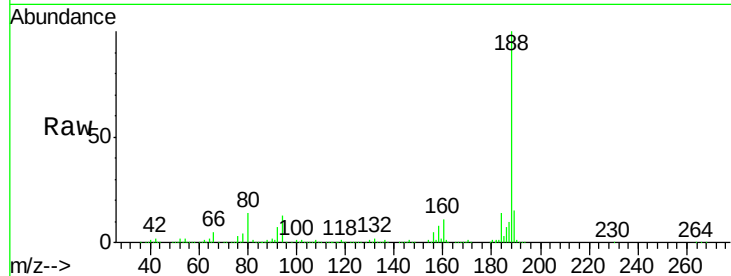




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

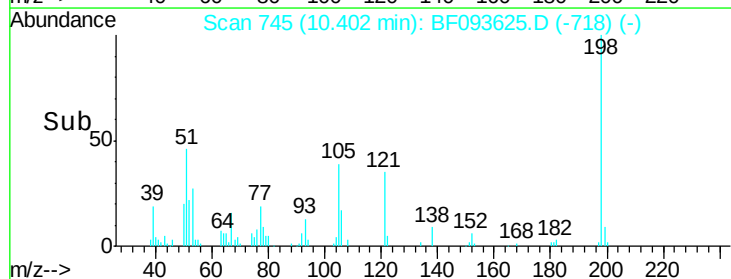
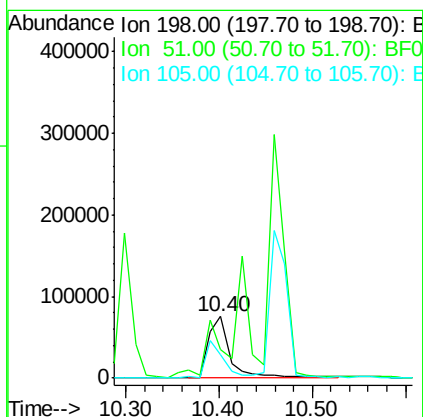
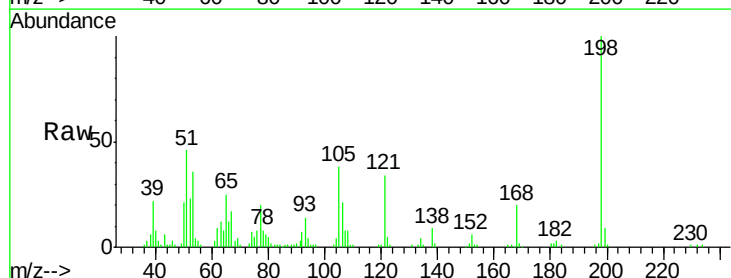
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

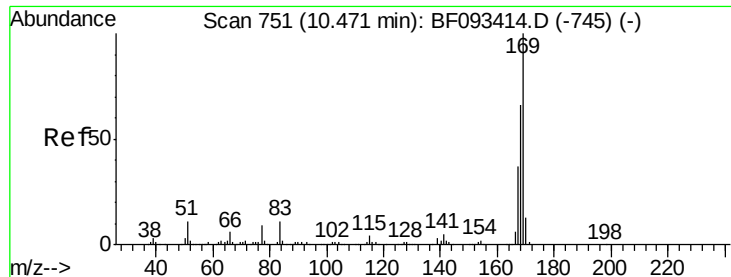
Tgt Ion:188 Resp: 587696
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 14.2 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.87 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:198 Resp: 125151
Ion Ratio Lower Upper
198 100
51 45.8 6.7 46.7
105 38.0 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 36.57 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

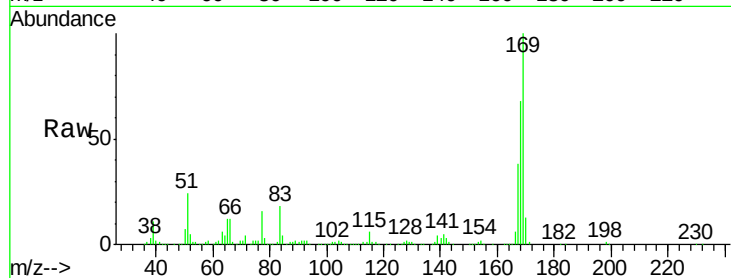
Tgt Ion:169 Resp: 717586

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

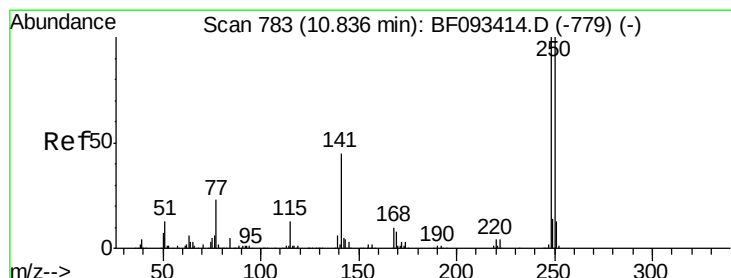
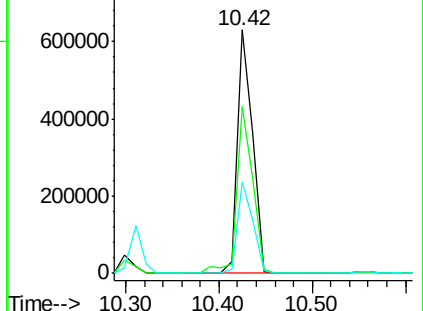
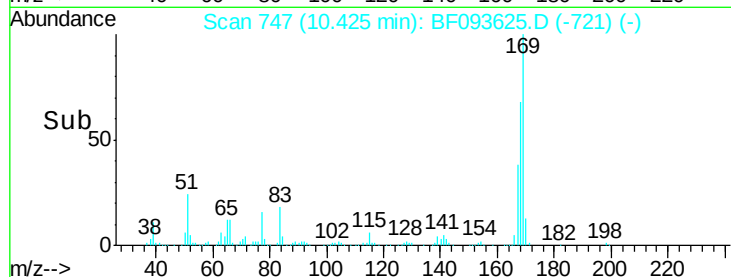
167 37.8 30.2 45.4



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: 36.82 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

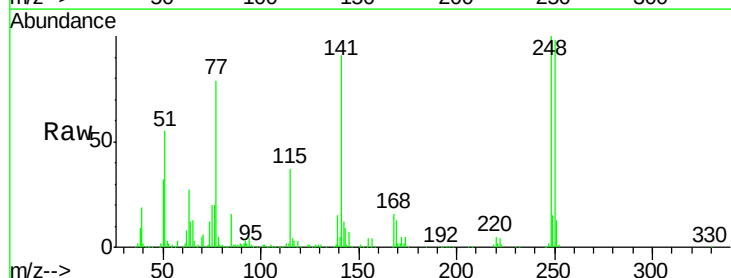
Tgt Ion:248 Resp: 228797

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

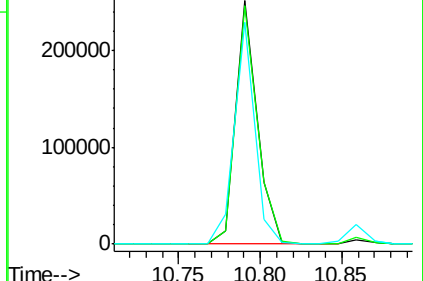
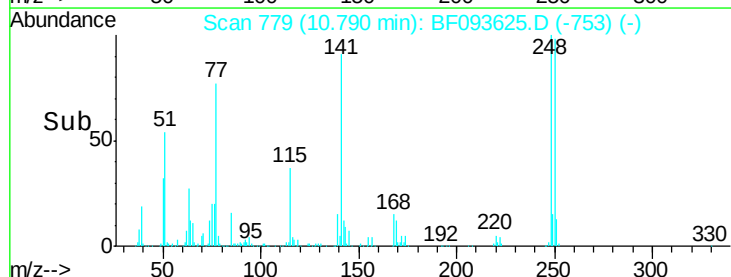
141 91.1 68.2 102.4

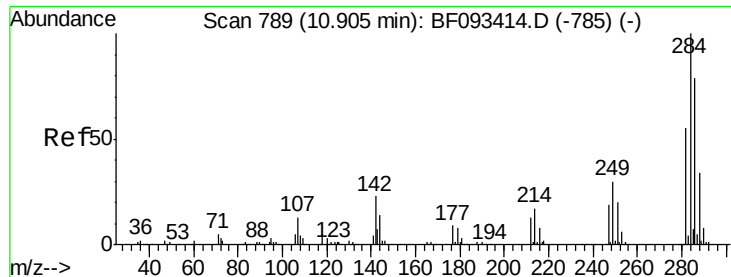


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

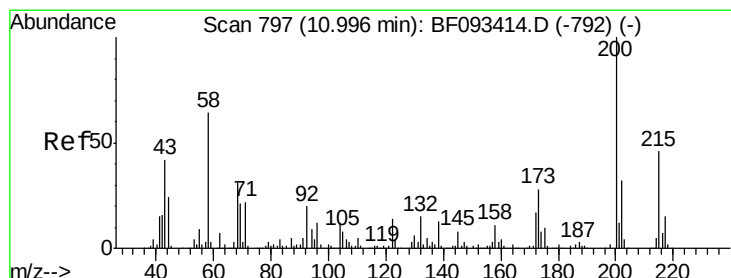
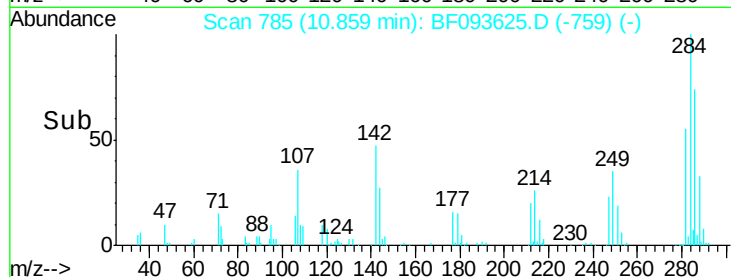
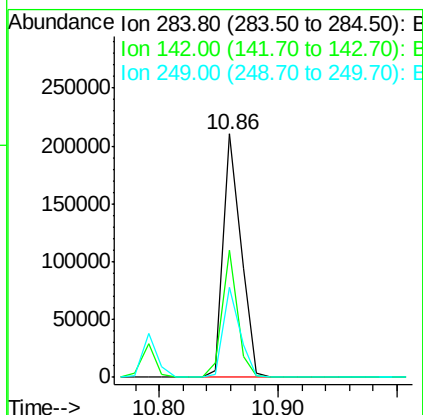
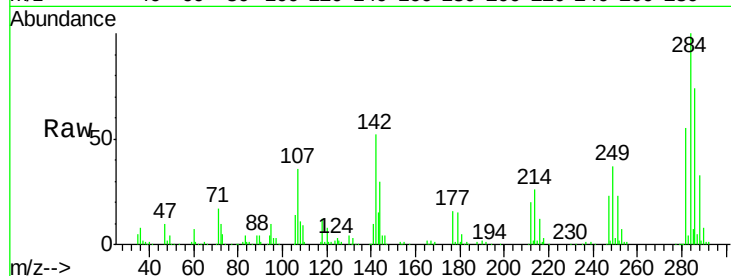




#67
Hexachlorobenzene
Concen: 36.60 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

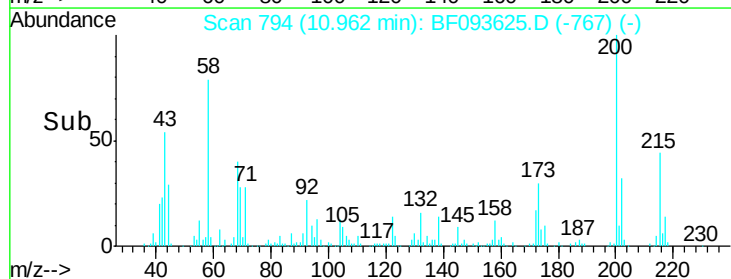
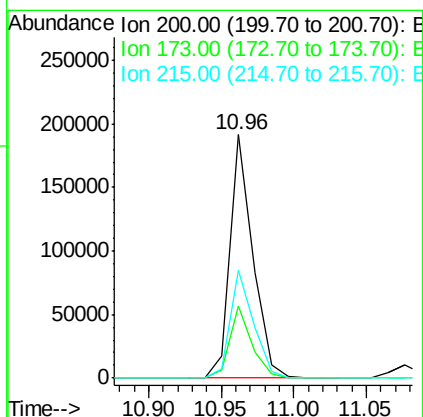
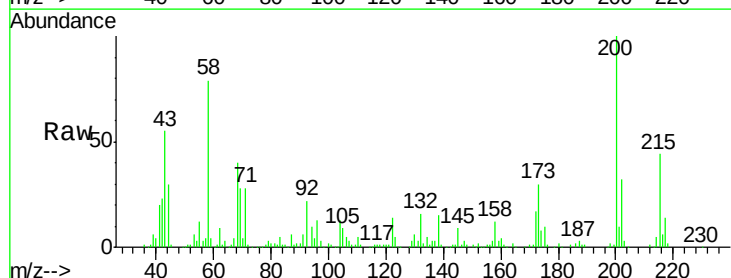
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

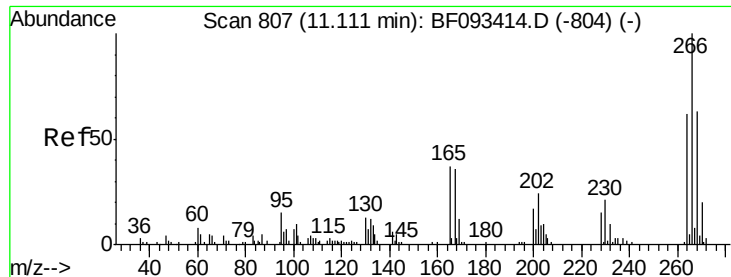
Tgt Ion: 284 Resp: 217181
Ion Ratio Lower Upper
284 100
142 52.4 22.6 33.8#
249 37.1 25.4 38.0



#68
Atrazine
Concen: 36.38 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion: 200 Resp: 208970
Ion Ratio Lower Upper
200 100
173 29.6 9.6 49.6
215 44.3 25.7 65.7

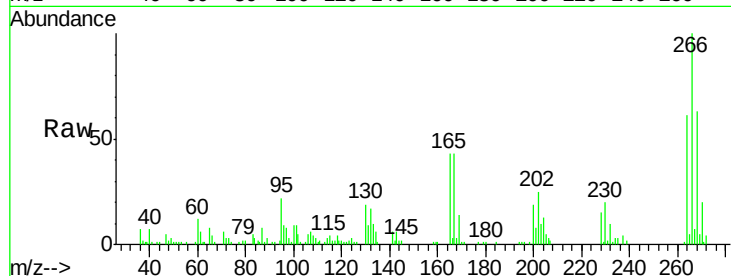




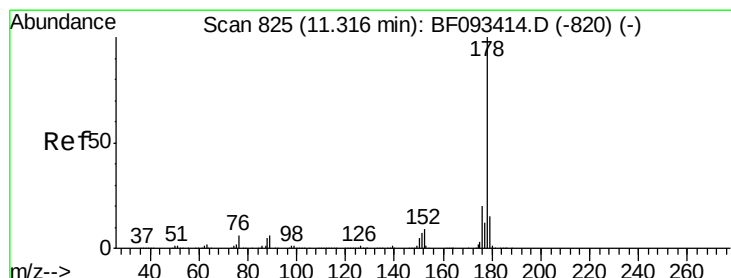
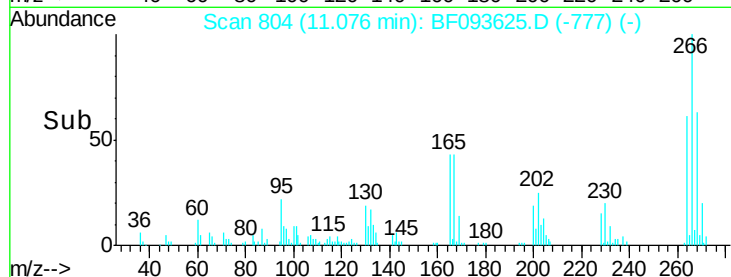
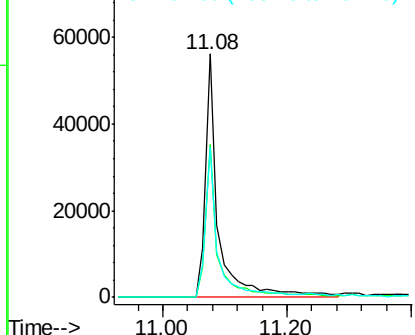
#69
 Pentachlorophenol
 Concen: 40.05 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 82055
 Ion Ratio Lower Upper
 266 100
 268 62.7 53.3 79.9
 264 61.5 50.3 75.5

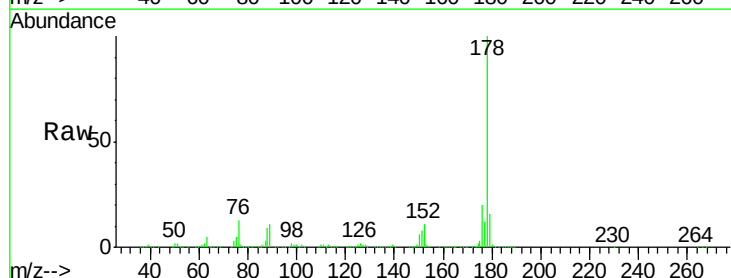


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

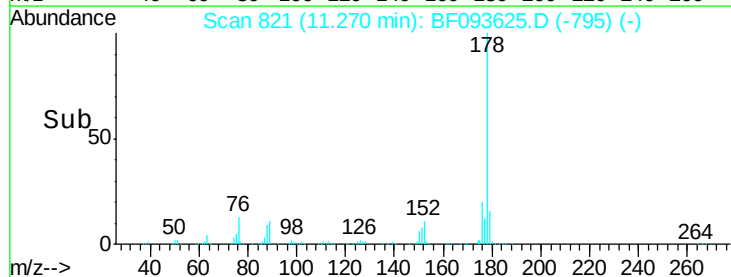
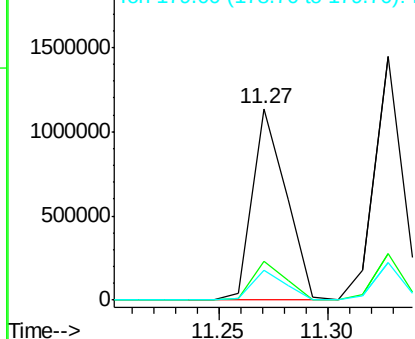


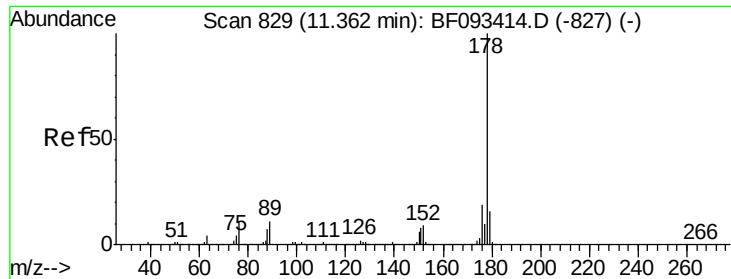
#70
 Phenanthrene
 Concen: 36.69 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion: 178 Resp: 1230859
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 15.6 12.8 19.2



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

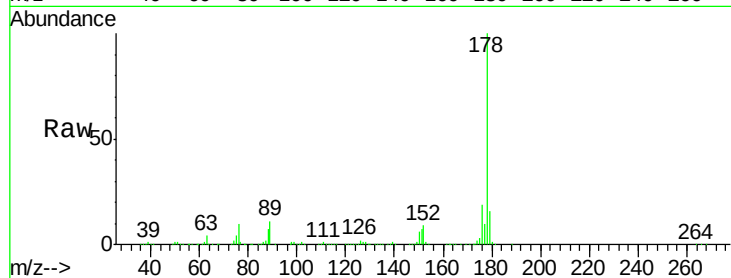




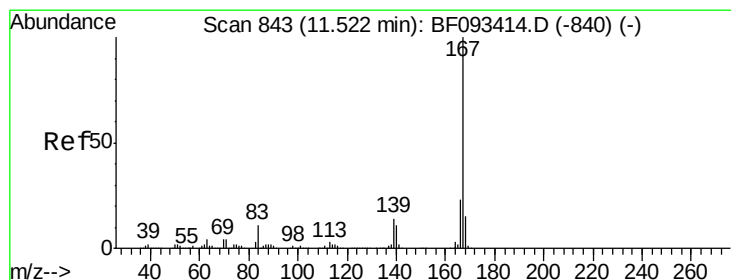
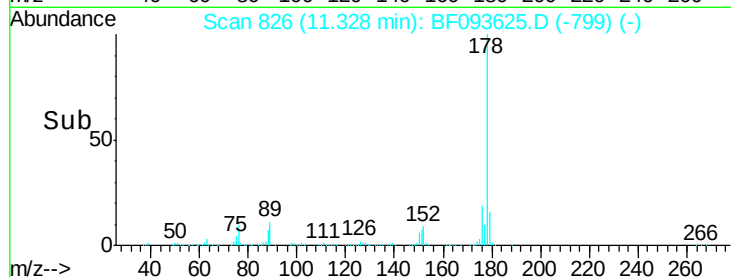
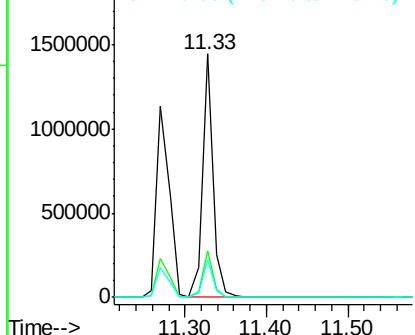
#71
 Anthracene
 Concen: 39.10 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1326959
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.6 13.2 19.8

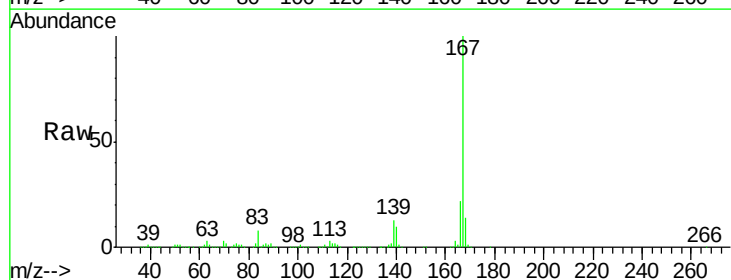


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

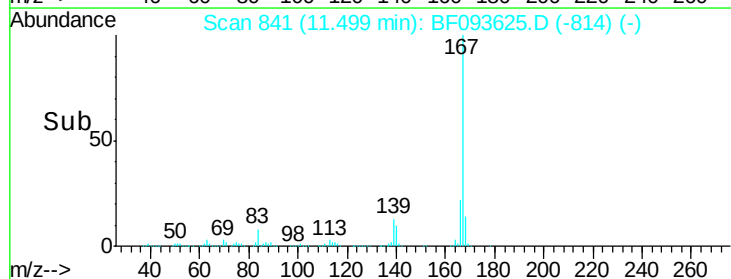
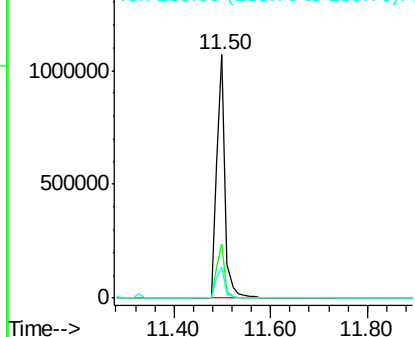


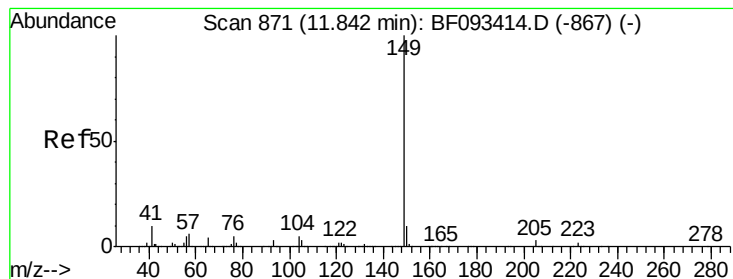
#72
 Carbazole
 Concen: 41.49 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:167 Resp: 1322701
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.9 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: 41.54 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

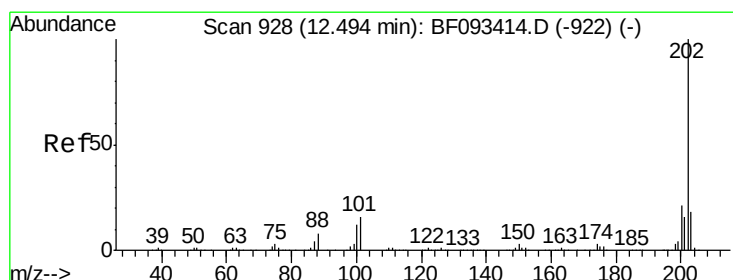
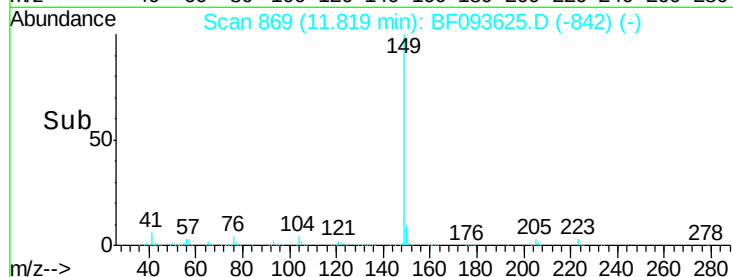
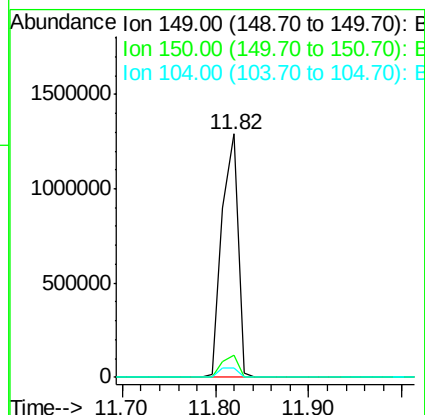
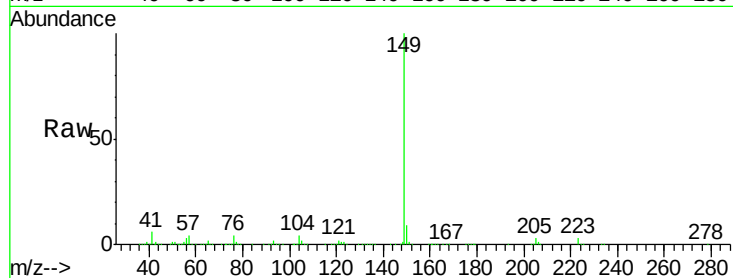
Tgt Ion:149 Resp: 1531910

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

104 4.0 4.6 7.0#



#74

Fluoranthene

Concen: 41.11 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

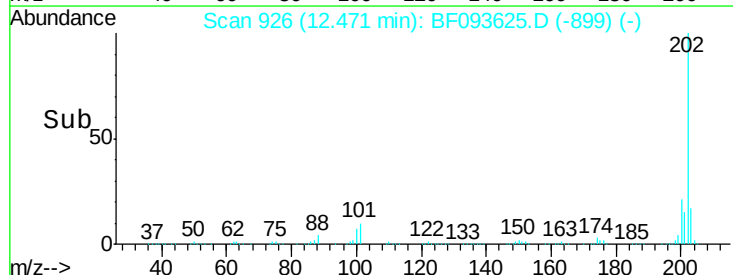
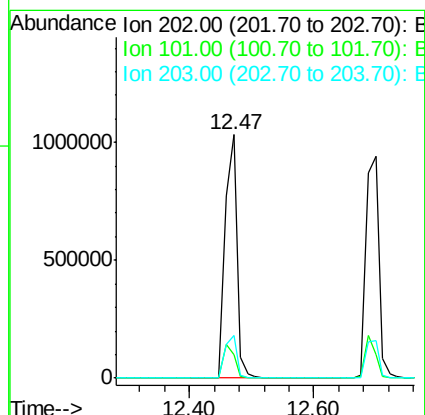
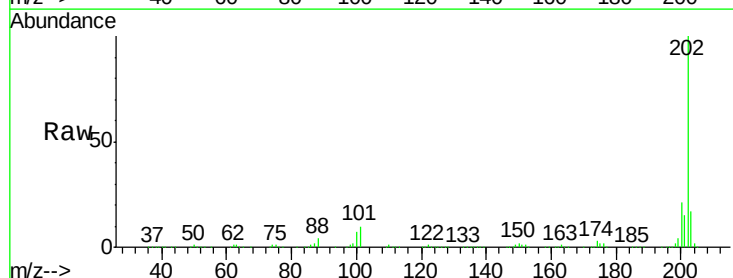
Tgt Ion:202 Resp: 1332122

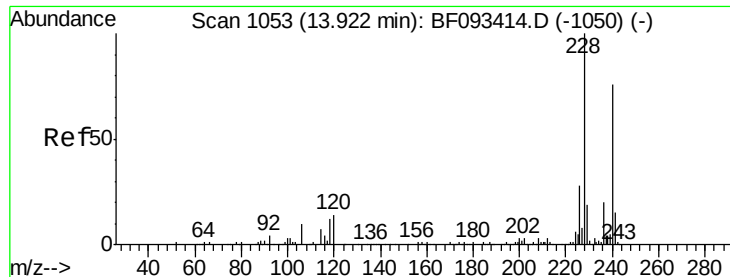
Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

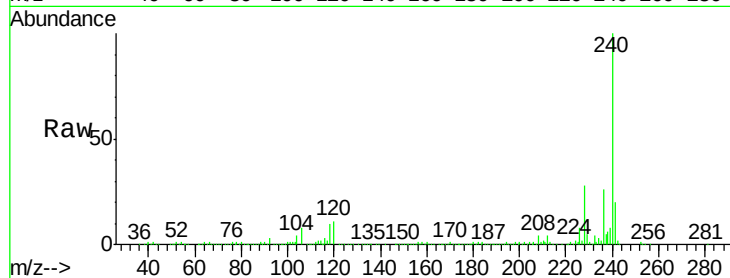
Tgt Ion:240 Resp: 452072

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

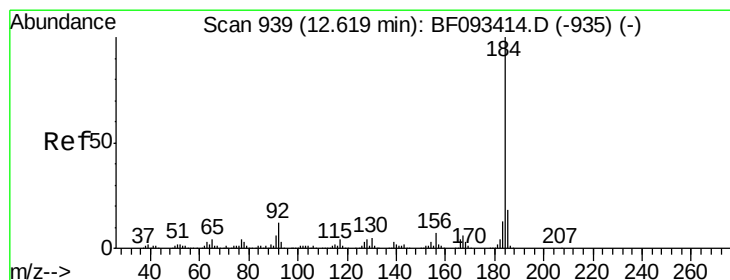
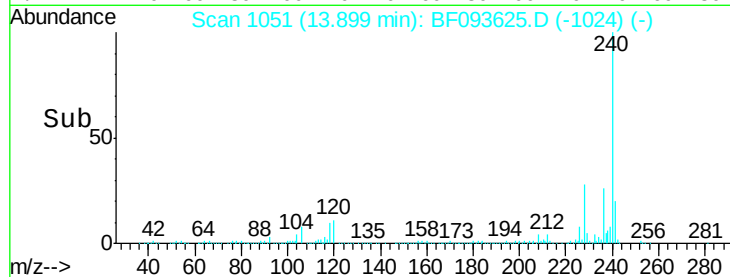
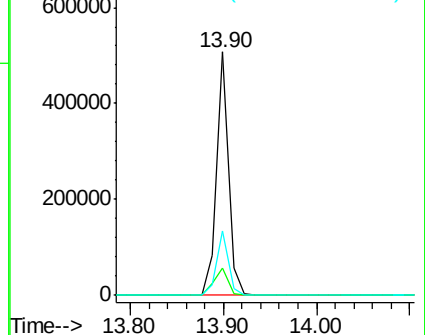
236 26.3 20.9 31.3



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: 7.14 ng

RT: 12.63 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

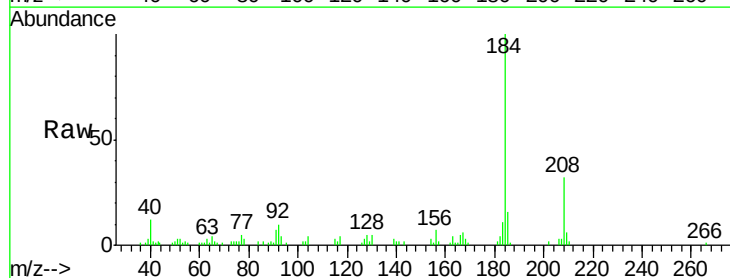
Tgt Ion:184 Resp: 106160

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

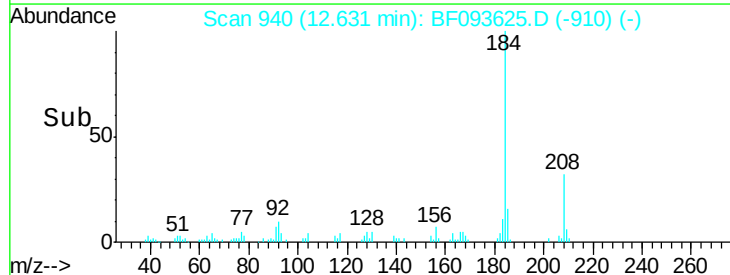
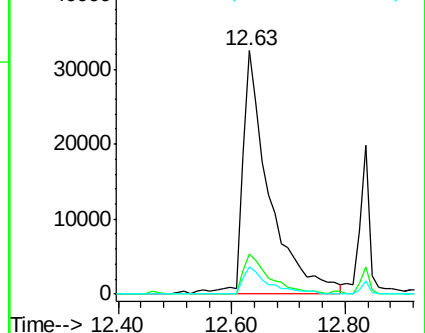
183 11.4 9.2 13.8

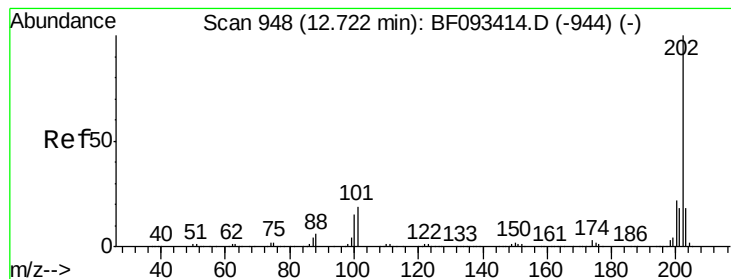


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.46 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

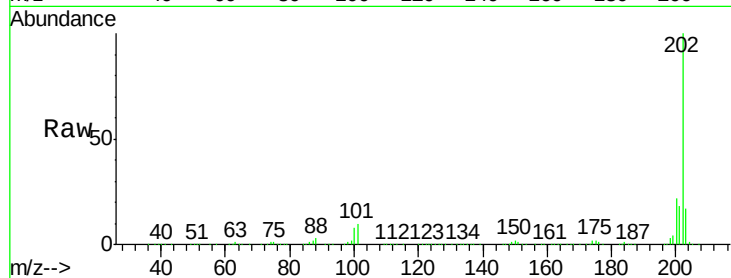
Tgt Ion:202 Resp: 1330206

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

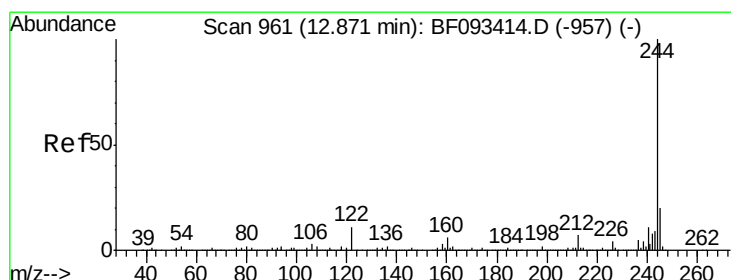
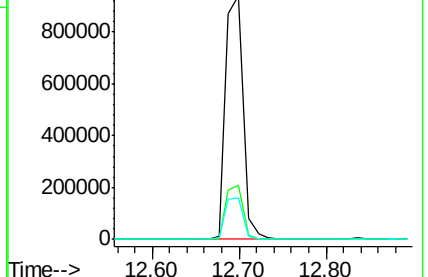
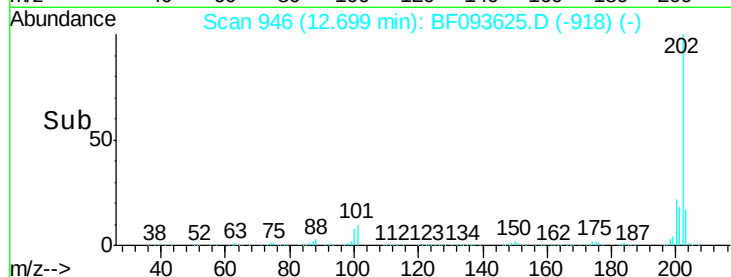
203 17.2 14.7 22.1



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: 82.41 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

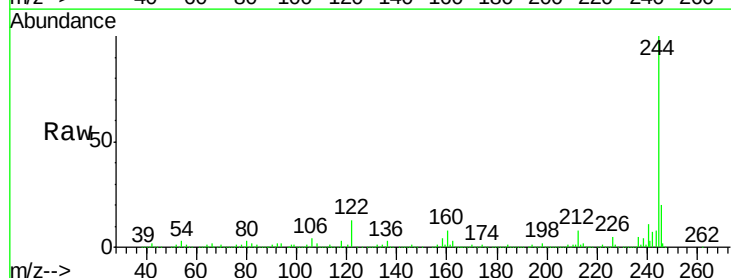
Tgt Ion:244 Resp: 1432872

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

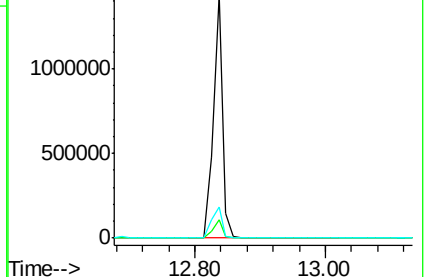
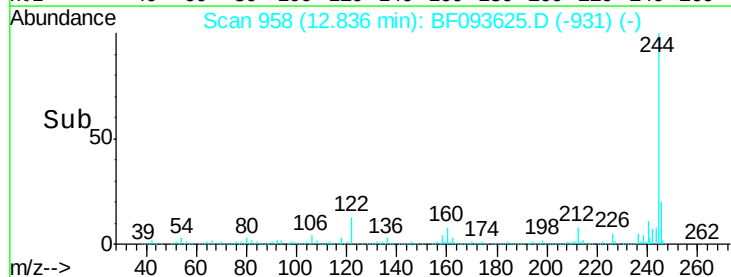
122 12.6 11.4 17.2

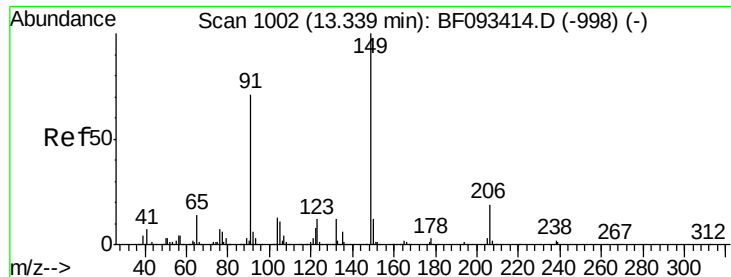


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

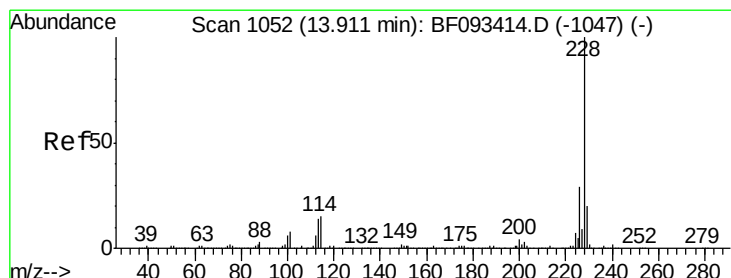
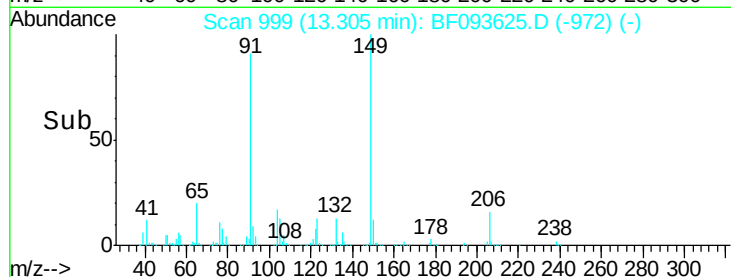
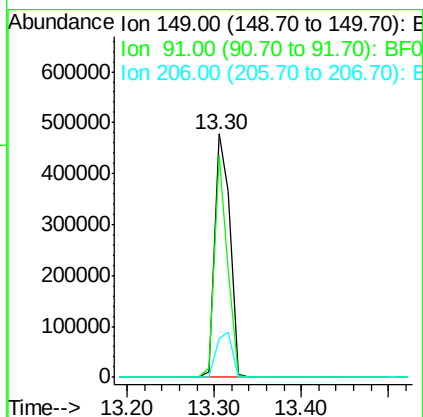
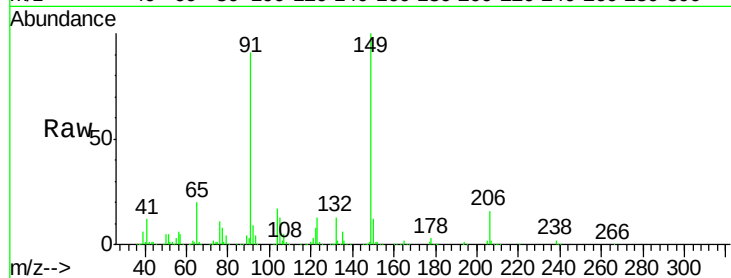




#79
Butylbenzylphthalate
Concen: 42.92 ng
RT: 13.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

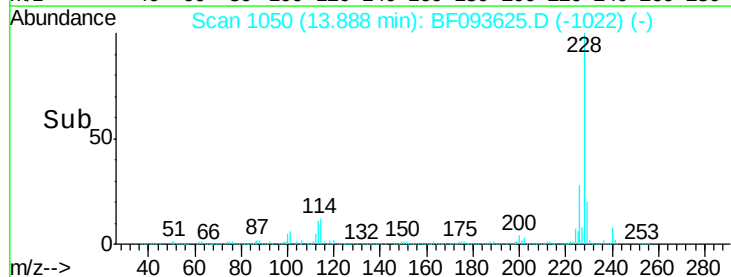
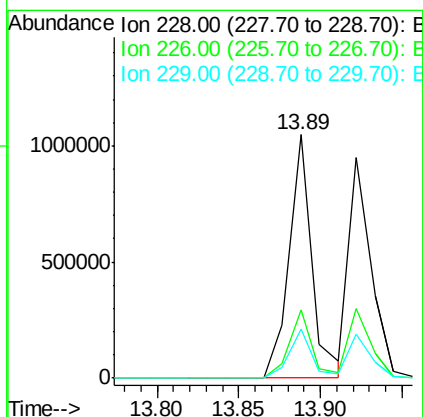
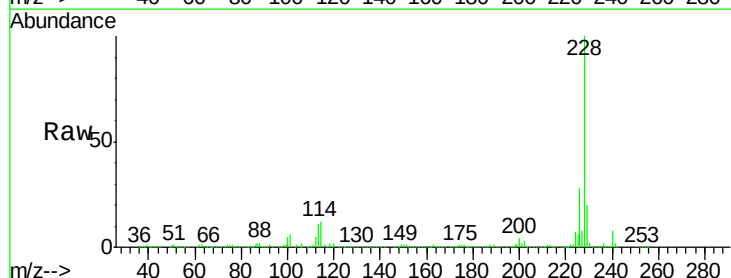
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

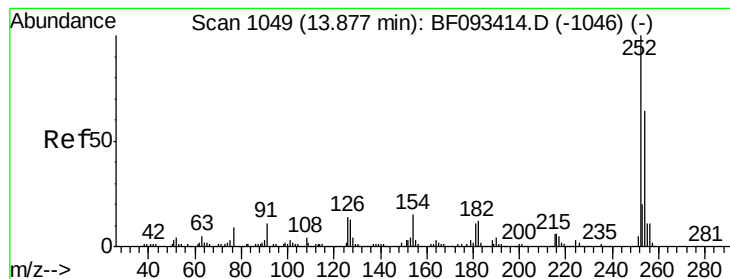
Tgt Ion:149 Resp: 594005
Ion Ratio Lower Upper
149 100
91 91.4 63.9 95.9
206 15.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.40 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:228 Resp: 1025232
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.1 16.2 24.4

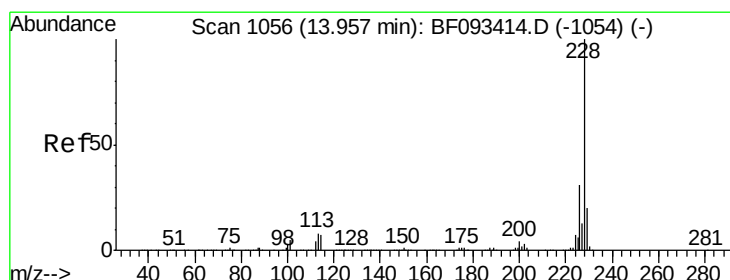
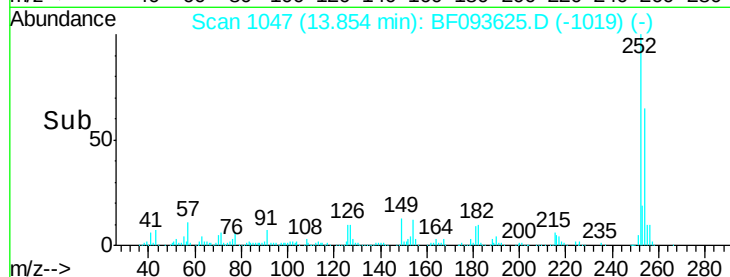
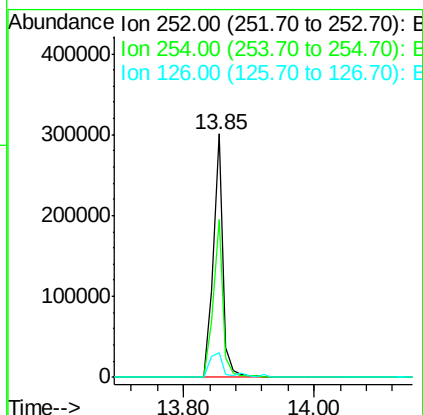
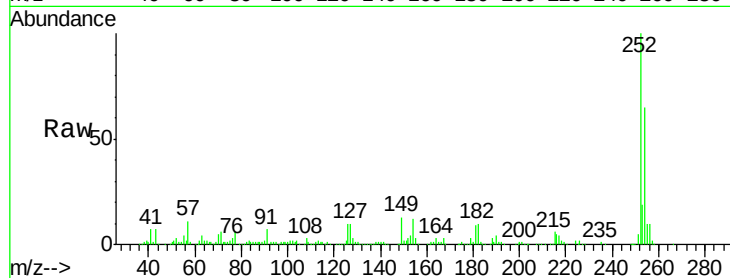




#81
 3,3'-Dichlorobenzidine
 Concen: 34.50 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

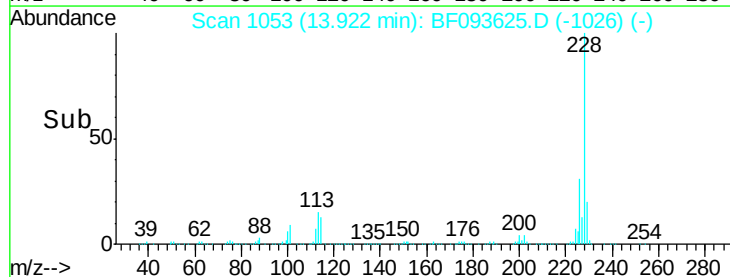
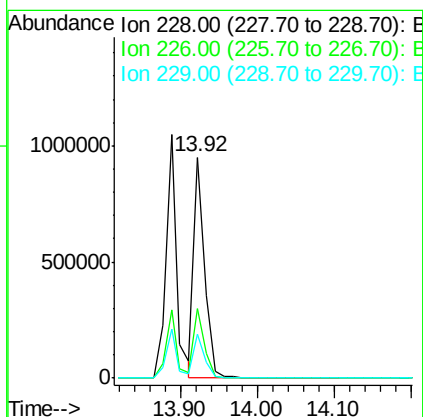
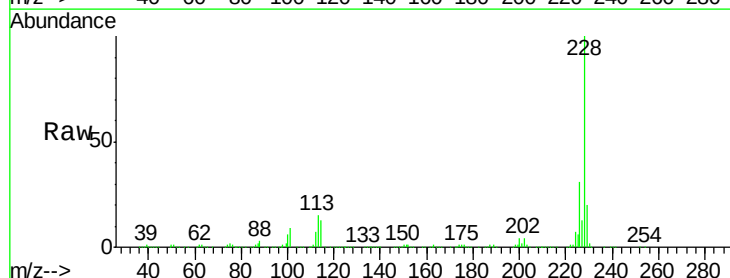
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

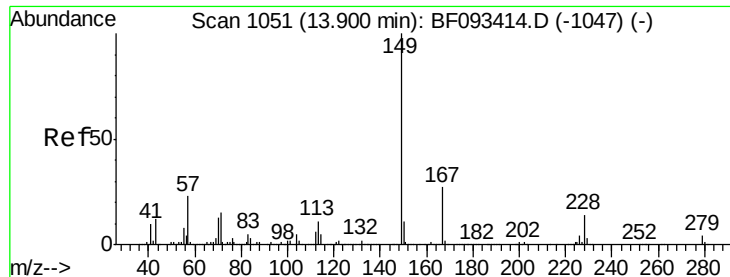
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	10.0	13.6	20.4



#82
 Chrysene
 Concen: 37.79 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.58 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

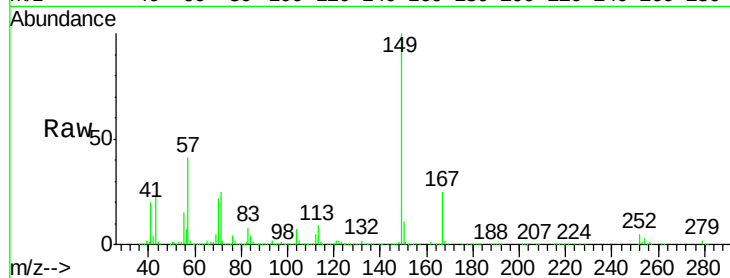
Tgt Ion:149 Resp: 821464

Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.4

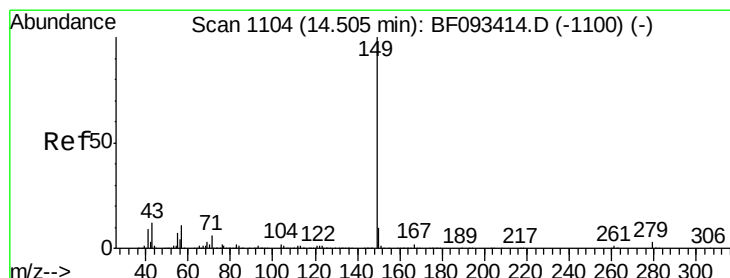
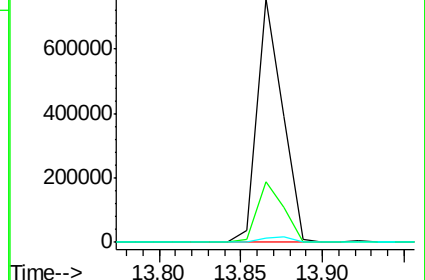
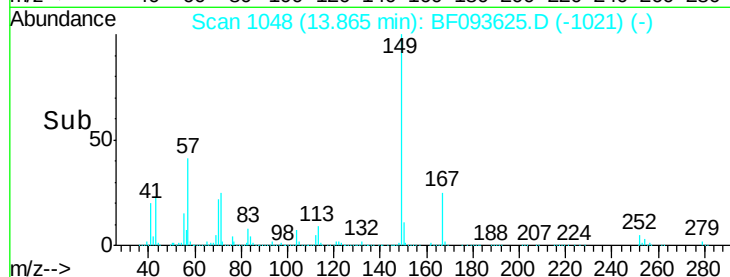
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.18 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

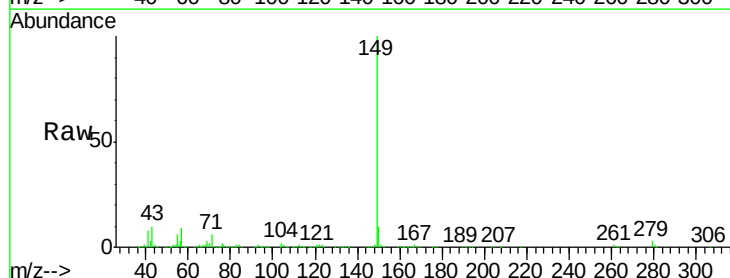
Tgt Ion:149 Resp: 1324092

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

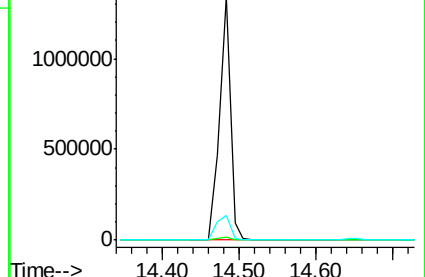
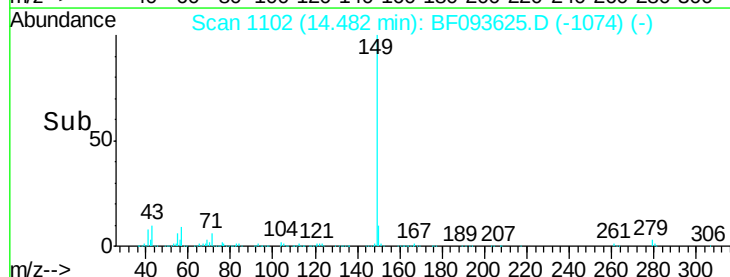
43 12.7 8.9 13.3

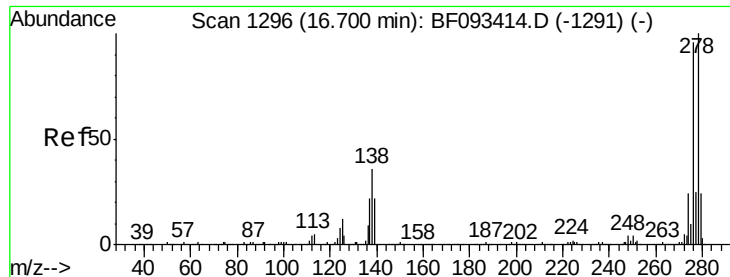


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

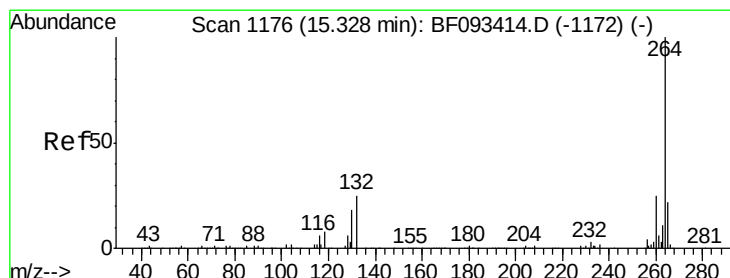
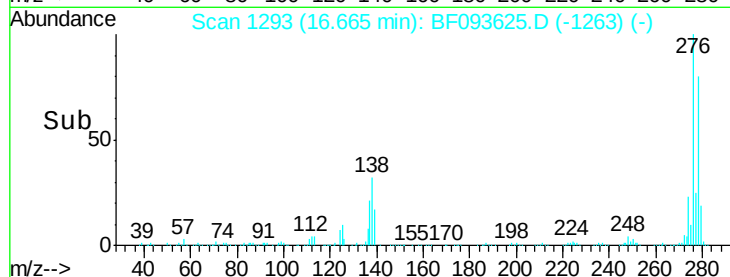
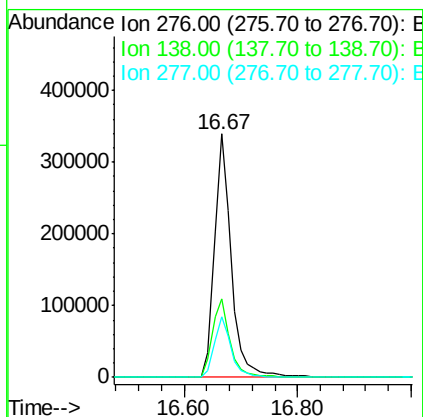
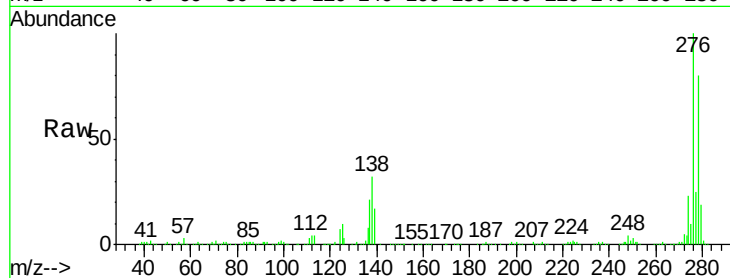




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.50 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

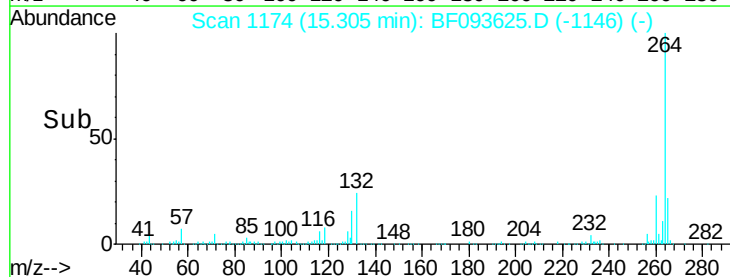
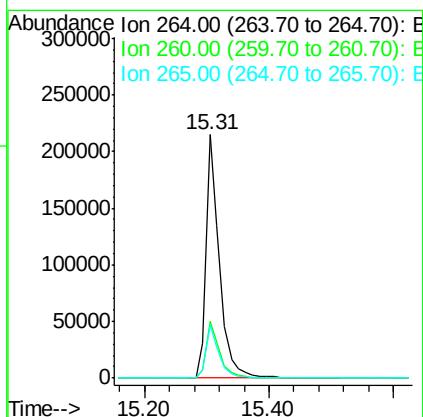
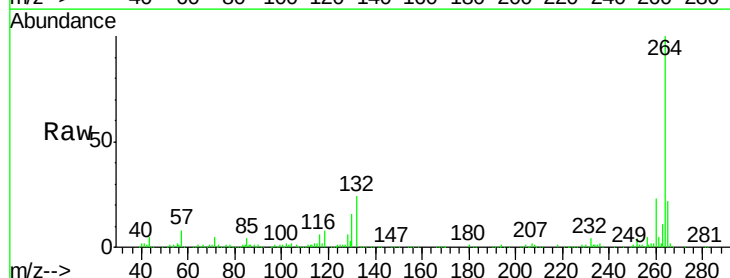
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

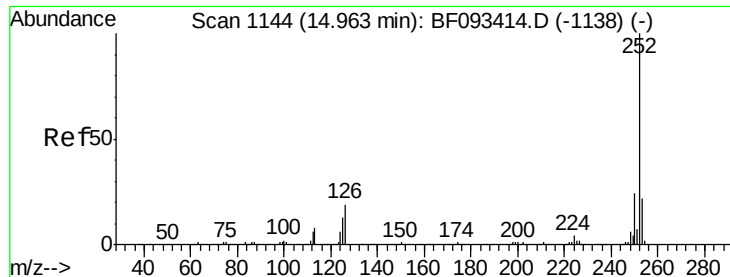
Tgt Ion:276 Resp: 692531
 Ion Ratio Lower Upper
 276 100
 138 33.8 21.8 32.6#
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:264 Resp: 319428
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 17.4 26.0

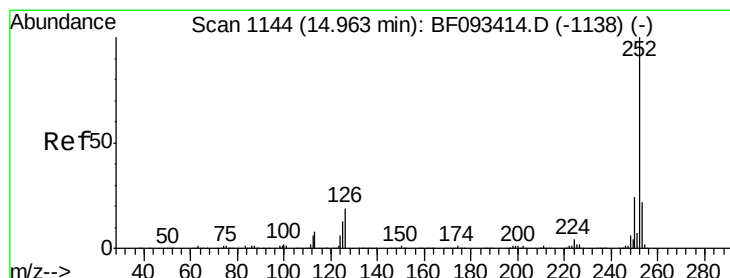
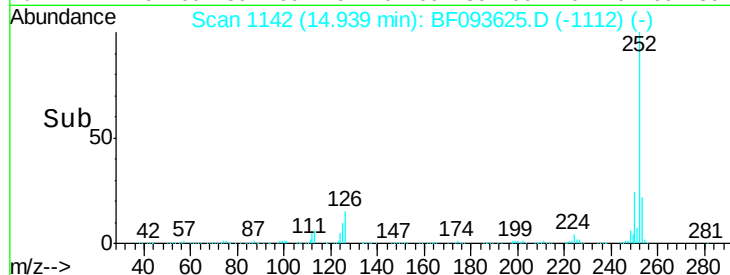
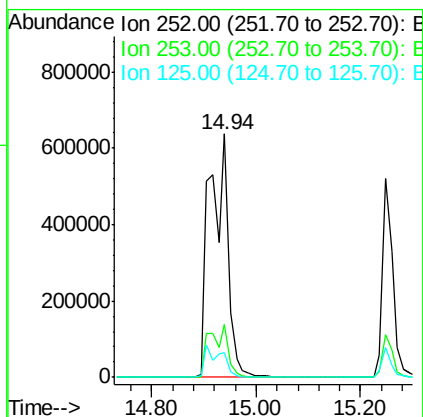
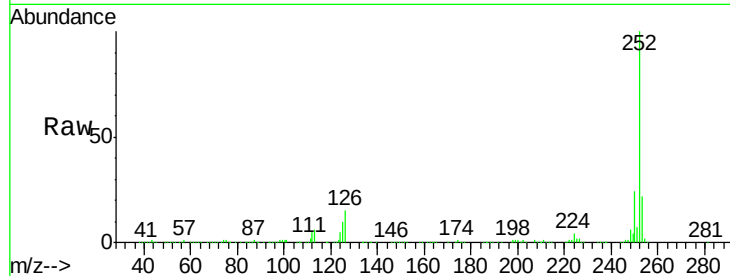




#87
Benzo(b)fluoranthene
Concen: 81.75 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

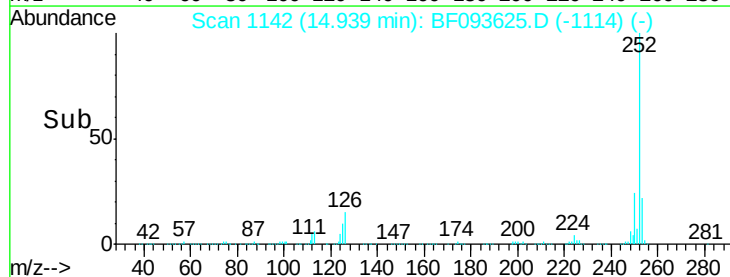
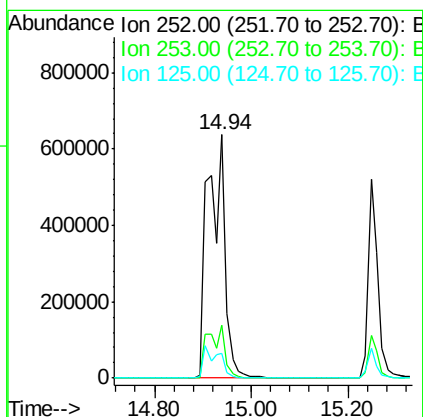
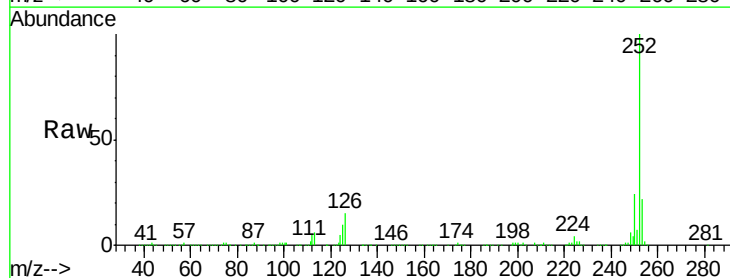
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

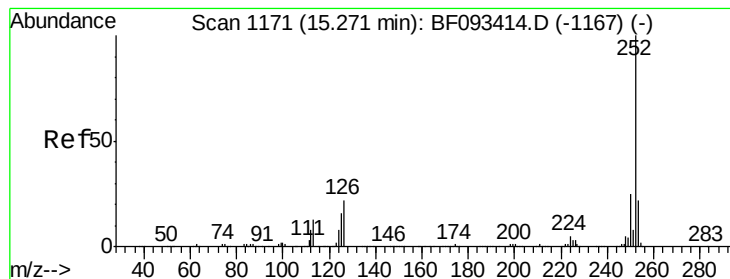
Tgt Ion:252 Resp: 1590401
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 10.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 84.81 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:252 Resp: 1591172
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 10.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.19 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

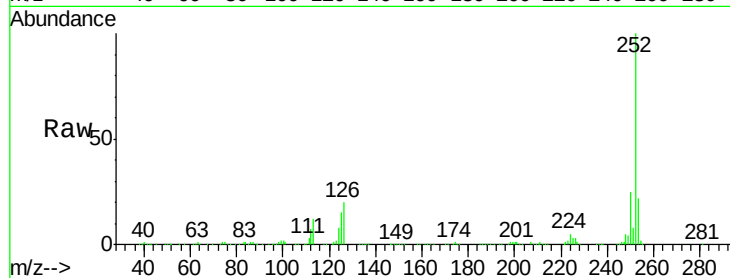
Tgt Ion:252 Resp: 714511

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

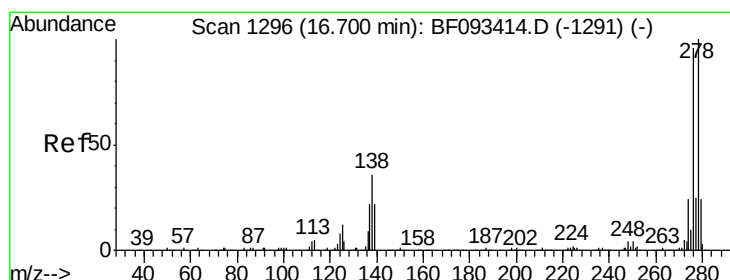
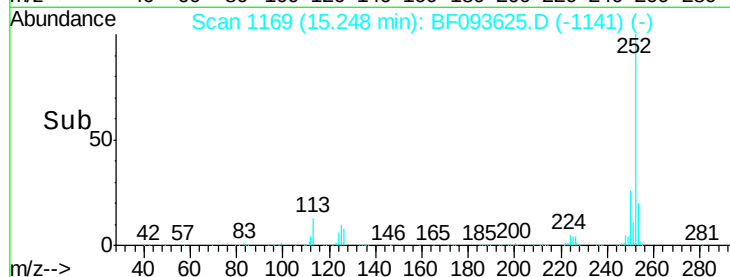
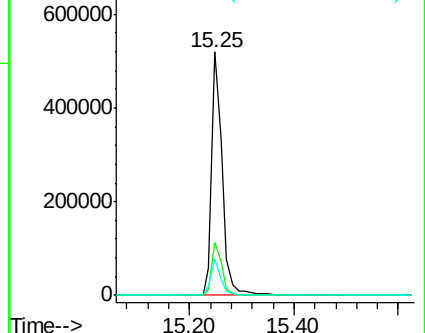
125 14.9 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.59 ng

RT: 16.67 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

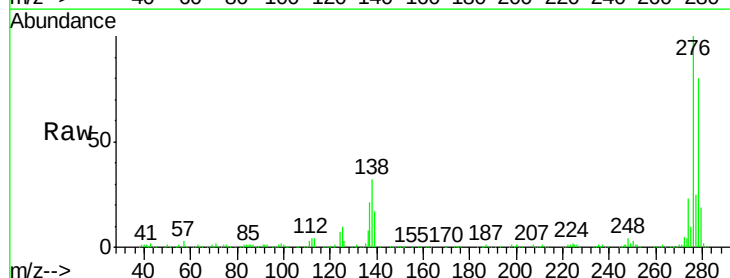
Tgt Ion:278 Resp: 597052

Ion Ratio Lower Upper

278 100

139 21.3 14.8 22.2

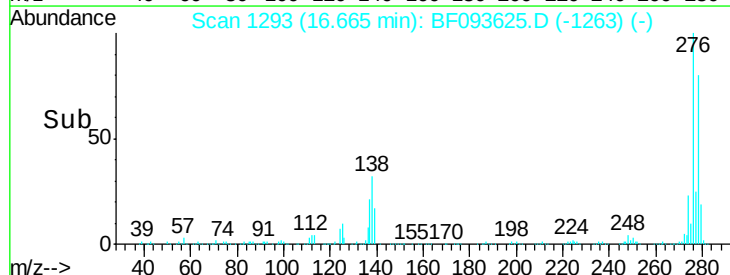
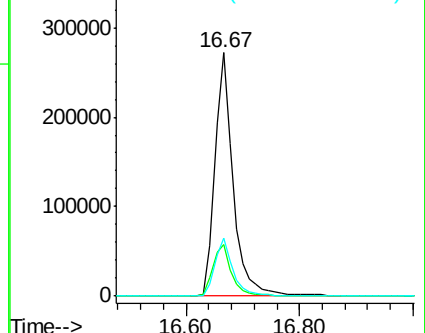
279 23.8 19.8 29.6

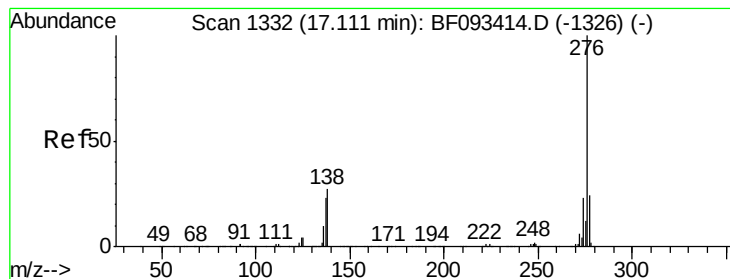


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.93 ng

RT: 17.08 min Scan# 1329

Delta R.T. 0.06 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

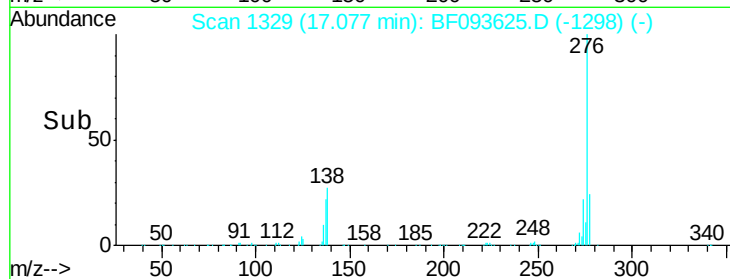
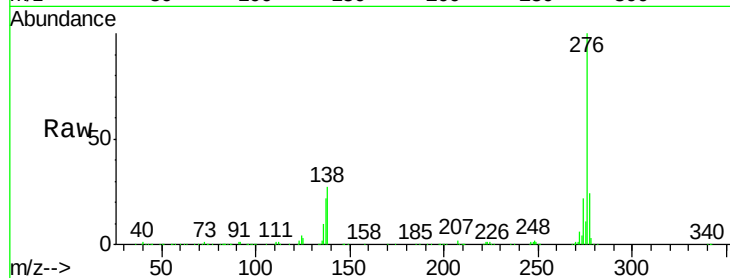
Tgt Ion: 276 Resp: 617930

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 27.0 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

