

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094438.D
 Acq On : 14 Apr 2017 19:45
 Operator : SJ/MA
 Sample : I2672-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Quant Time: Apr 15 01:36:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	142713	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	577063	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	269911	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	494024	20.00	ng	0.00
75) Chrysene-d12	14.49	240	374989	20.00	ng	0.00
86) Perylene-d12	16.10	264	276336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	1106838	130.99	ng	0.02
7) Phenol-d6	5.42	99	1399555	133.89	ng	0.01
23) Nitrobenzene-d5	6.43	82	881104	87.14	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	295670	138.62	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1543187	87.21	ng	0.00
78) Terphenyl-d14	13.22	244	1312469	78.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	148801	36.66	ng	98
3) Pyridine	2.63	79	358144	32.37	ng	99
4) n-Nitrosodimethylamine	2.59	42	197603	43.41	ng	91
6) Aniline	5.40	93	299381	20.59	ng	# 77
8) 2-Chlorophenol	5.55	128	438480	47.21	ng	94
9) Benzaldehyde	5.27	77	124959	17.70	ng	100
10) Phenol	5.43	94	587697	49.41	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	417645	44.93	ng	95
12) 1,3-Dichlorobenzene	5.71	146	467131	44.84	ng	99
13) 1,4-Dichlorobenzene	5.79	146	470472	44.59	ng	97
14) 1,2-Dichlorobenzene	5.97	146	432653	44.53	ng	97
15) Benzyl Alcohol	5.96	79	339604	44.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	538245	37.58	ng	# 35
17) 2-Methylphenol	6.10	107	359062	45.14	ng	# 90
18) Hexachloroethane	6.36	117	162145	43.72	ng	89
19) n-Nitroso-di-n-propylamine	6.27	70	317285	47.23	ng	96
20) 3+4-Methylphenols	6.29	107	503052	52.22	ng	# 61
22) Acetophenone	6.25	105	626210	48.69	ng	# 86
24) Nitrobenzene	6.45	77	446637	44.79	ng	94
25) Isophorone	6.74	82	809986	45.59	ng	95
26) 2-Nitrophenol	6.83	139	249921	52.55	ng	100
27) 2,4-Dimethylphenol	6.90	122	401097	48.95	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	525517	44.85	ng	98
29) 2,4-Dichlorophenol	7.13	162	386121	50.39	ng	99
30) 1,2,4-Trichlorobenzene	7.22	180	370976	47.01	ng	99
31) Naphthalene	7.30	128	1247976	44.98	ng	100
33) 4-Chloroaniline	7.37	127	142327	12.66	ng	# 93
34) Hexachlorobutadiene	7.46	225	185239	45.77	ng	98
35) Caprolactam	7.82	113	90806m	37.16	ng	
36) 4-Chloro-3-methylphenol	8.01	107	405026	50.59	ng	87
37) 2-Methylnaphthalene	8.15	142	862293	46.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	330924	44.82	ng	100
40) Hexachlorocyclopentadiene	8.34	237	248678	71.97	ng	99
42) 2,4,6-Trichlorophenol	8.50	196	249677	47.79	ng	97

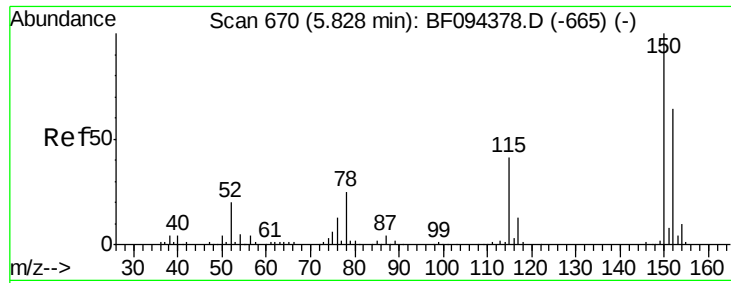
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.56	196	255907	45.27	nq	97
45) 1,1'-Biphenyl	8.72	154	965840	44.36	nq	98
46) 2-Chloronaphthalene	8.74	162	773465	45.39	nq	95
47) 2-Nitroaniline	8.87	65	241180	47.71	nq	# 84
48) Acenaphthylene	9.25	152	1204970	42.54	nq	99
49) Dimethylphthalate	9.12	163	1043896	54.41	nq	99
50) 2,6-Dinitrotoluene	9.18	165	212988	48.43	nq	# 88
51) Acenaphthene	9.46	154	725923	43.92	nq	99
52) 3-Nitroaniline	9.38	138	145042	28.08	nq	88
53) 2,4-Dinitrophenol	9.52	184	65530	30.88	nq	# 69
54) Dibenzofuran	9.67	168	1051369	46.73	nq	98
55) 4-Nitrophenol	9.65	139	336637	83.23	nq	86
56) 2,4-Dinitrotoluene	9.67	165	263803	47.75	nq	# 70
57) Fluorene	10.09	166	812373	43.54	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	182508	47.06	nq	96
59) Diethylphthalate	9.98	149	897963	47.35	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	351623	44.24	nq	92
61) 4-Nitroaniline	10.15	138	223720	45.14	nq	97
62) Azobenzene	10.29	77	857565	47.81	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	105265	34.79	nq	# 71
65) n-Nitrosodiphenylamine	10.25	169	769723	45.05	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	223577	46.02	nq	97
67) Hexachlorobenzene	10.77	284	220990	44.93	nq	# 90
68) Atrazine	10.93	200	234307	45.79	nq	95
69) Pentachlorophenol	11.02	266	164487	53.73	nq	99
70) Phenanthrene	11.27	178	1205146	43.85	nq	99
71) Anthracene	11.33	178	1252630	44.27	nq	99
72) Carbazole	11.54	167	1196475	41.24	nq	98
73) Di-n-butylphthalate	11.99	149	1412274	46.80	nq	99
74) Fluoranthene	12.73	202	1250858	44.45	nq	99
76) Benzidine	12.90	184	299158	20.16	nq	# 92
77) Pyrene	13.00	202	1252239	46.01	nq	99
79) Butylbenzylphthalate	13.82	149	598969	51.66	nq	# 84
80) Benzo(a)anthracene	14.47	228	997853	45.63	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	170242	21.78	nq	# 98
82) Chrysene	14.52	228	906023	44.65	nq	99
83) Bis(2-ethylhexyl)phthalate	14.54	149	816958	51.64	nq	# 98
84) Di-n-octyl phthalate	15.29	149	1284127	48.59	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	745294	42.41	nq	99
87) Benzo(b)fluoranthene	15.70	252	837643	49.45	nq	98
88) Benzo(k)fluoranthene	15.74	252	718331m	43.34	nq	
89) Benzo(a)pyrene	16.05	252	721062	46.23	nq	99
90) Dibenzo(a,h)anthracene	17.41	278	612198	46.34	nq	98
91) Benzo(g,h,i)perylene	17.77	276	624091	46.88	nq	98

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

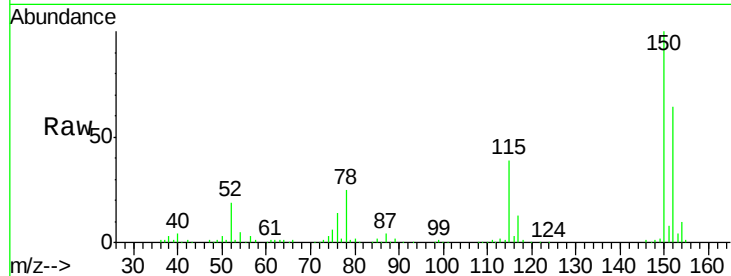


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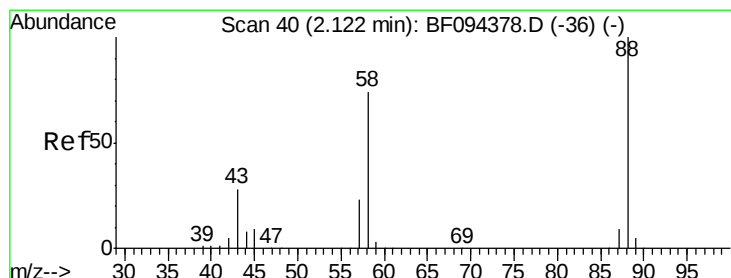
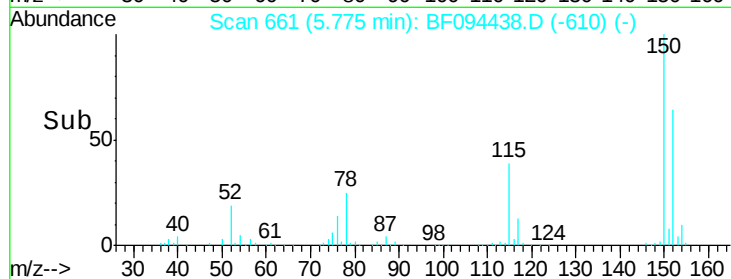
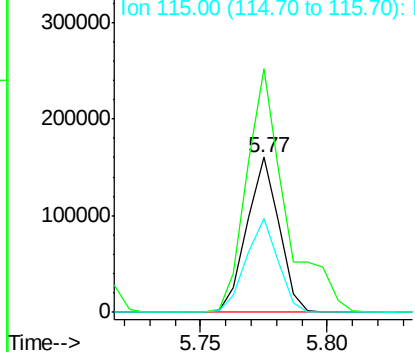
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:152 Resp: 142713
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.7 52.2 78.2



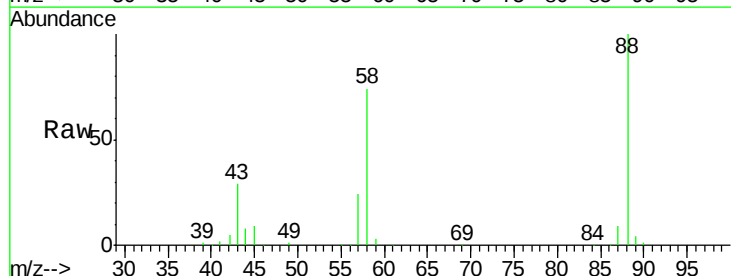
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



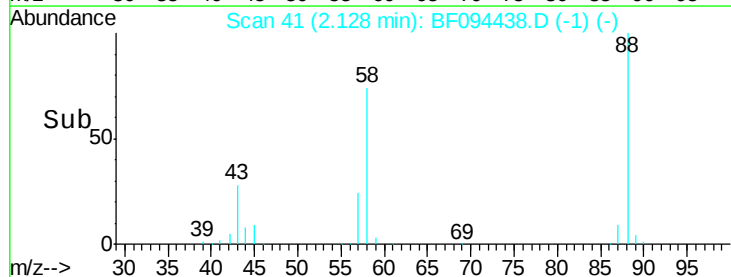
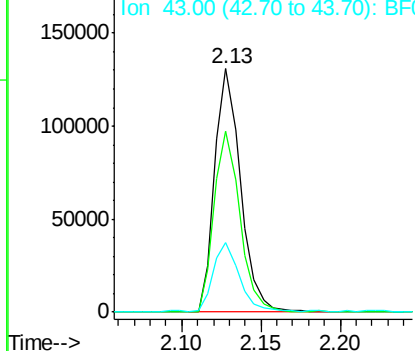
#2

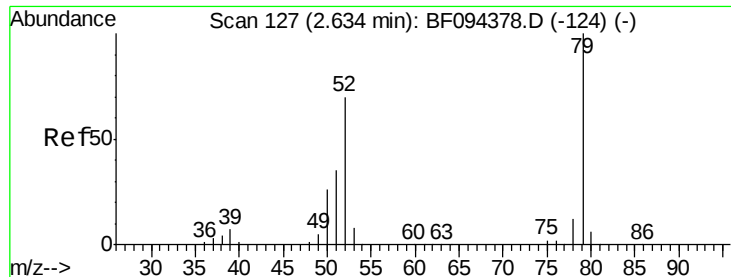
1,4-Dioxane
Concen: 36.66 ng
RT: 2.13 min Scan# 41
Delta R.T. 0.04 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion: 88 Resp: 148801
Ion Ratio Lower Upper
88 100
58 74.7 61.4 92.0
43 28.5 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.37 ng

RT: 2.63 min Scan# 126

Delta R.T. 0.04 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

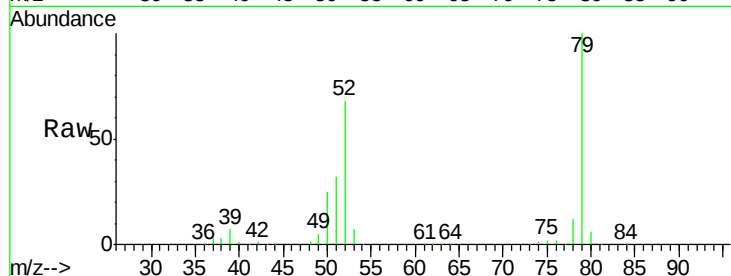
Tot Ion: 79 Resp: 358144

Ion Ratio Lower Upper

79 100

52 67.9 54.8 82.2

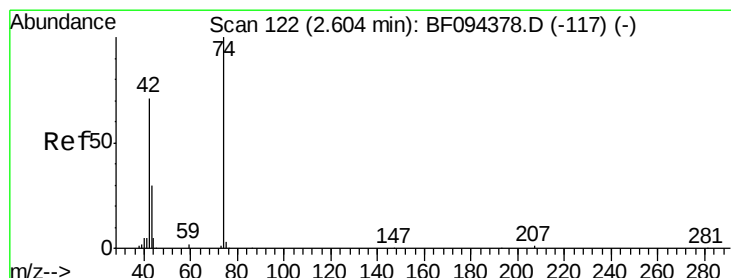
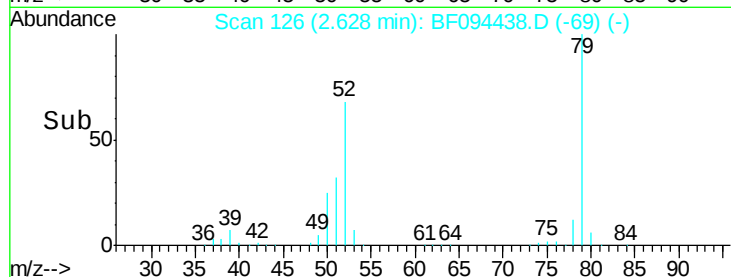
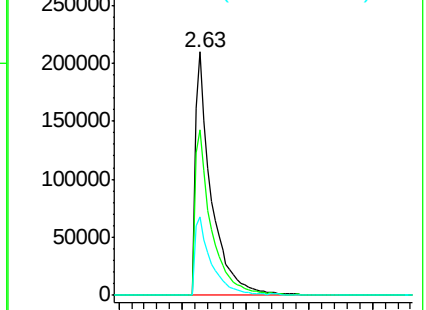
51 32.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.41 ng

RT: 2.59 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

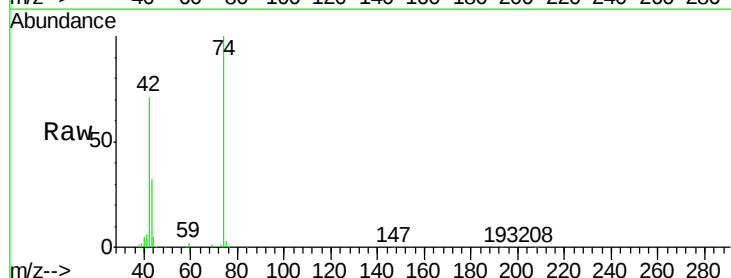
Tgt Ion: 42 Resp: 197603

Ion Ratio Lower Upper

42 100

74 141.2 103.9 155.9

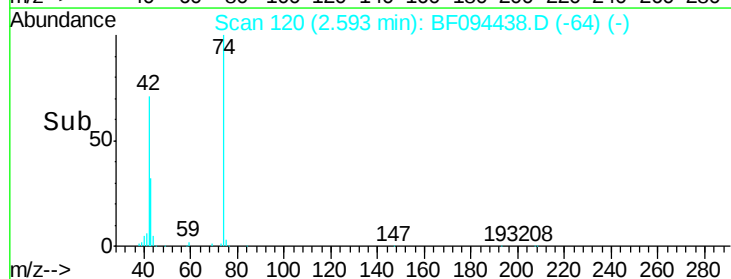
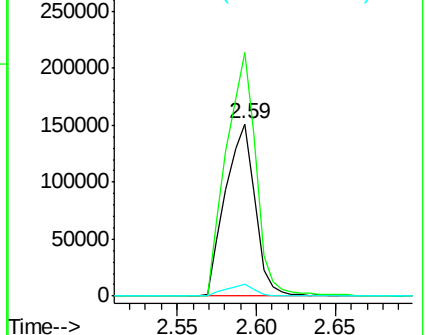
44 7.0 5.7 8.5

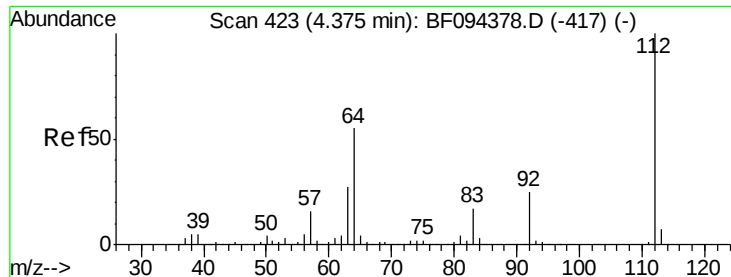


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.99 ng

RT: 4.33 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

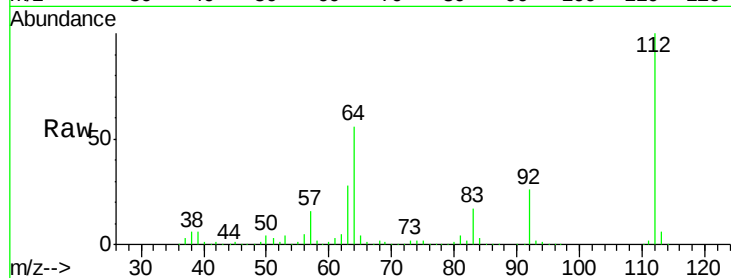
Tot Ion:112 Resp: 1106838

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

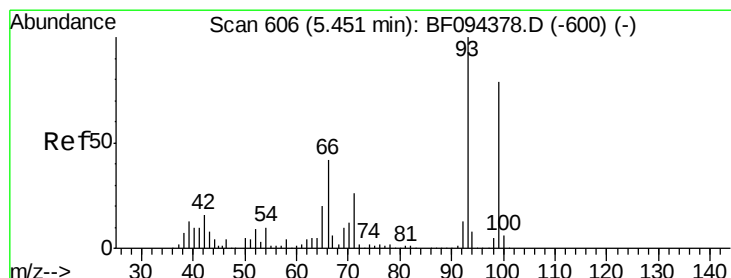
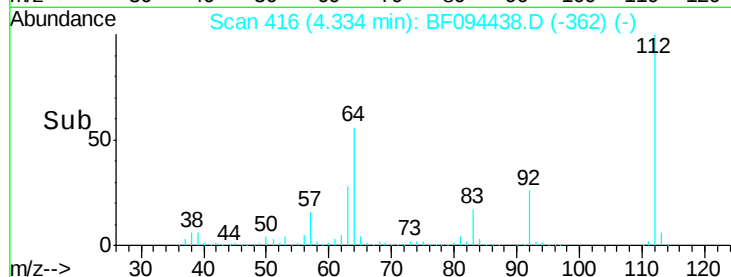
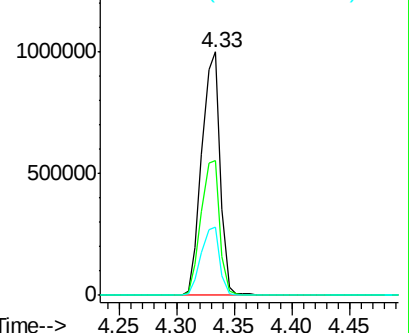
63 27.9 23.4 35.0



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: 20.59 ng

RT: 5.40 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

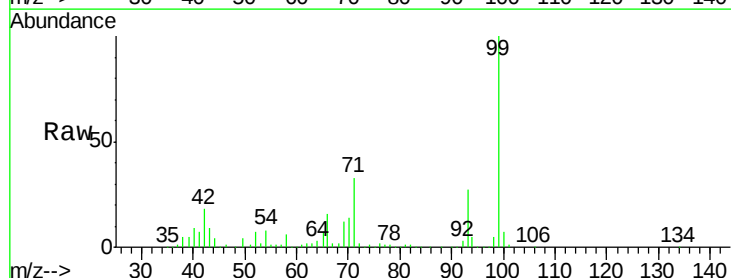
Tgt Ion: 93 Resp: 299381

Ion Ratio Lower Upper

93 100

66 59.2 32.9 49.3#

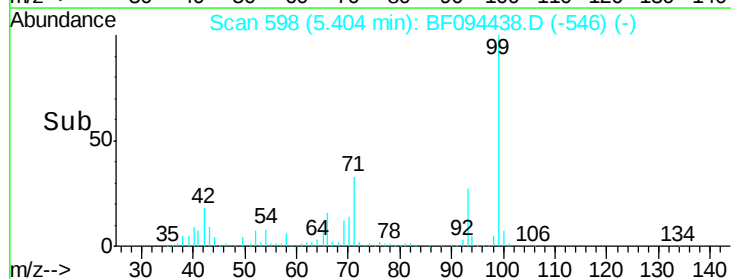
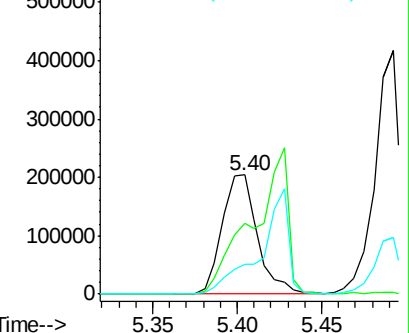
65 25.2 16.0 24.0#

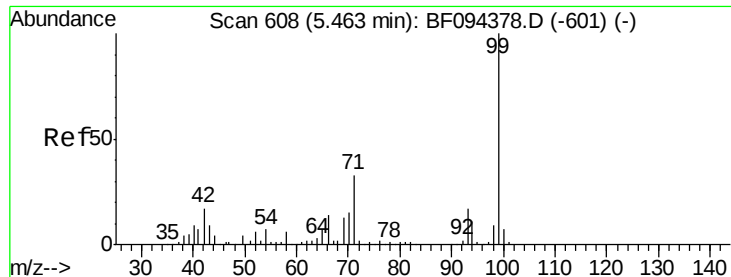


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.89 ng

RT: 5.42 min Scan# 600

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

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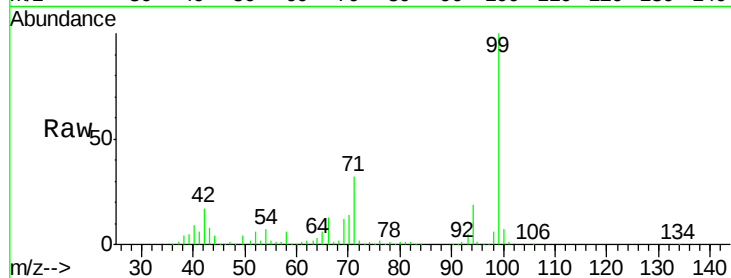
Tot Ion: 99 Resp: 1399555

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

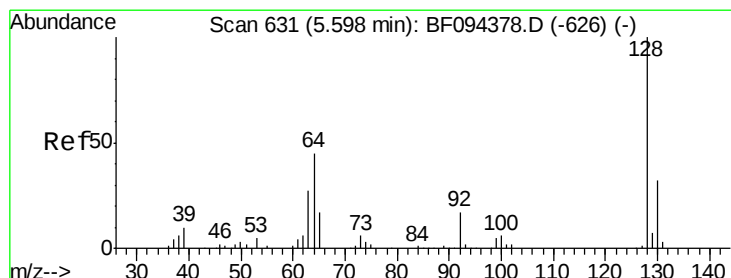
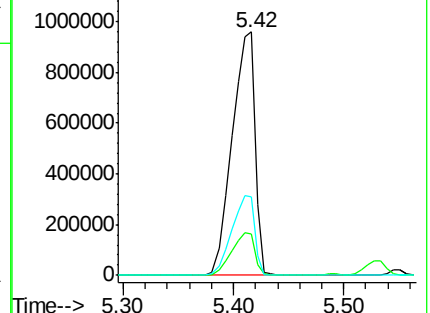
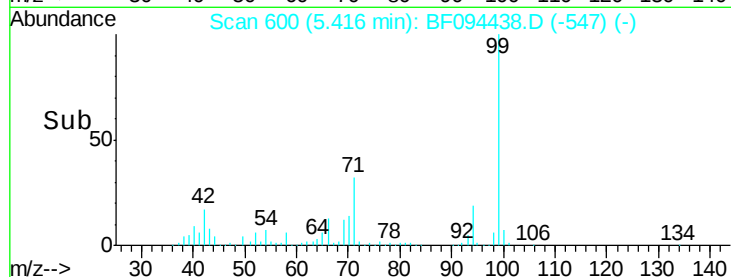
71 32.4 24.5 36.7



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: 47.21 ng

RT: 5.55 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

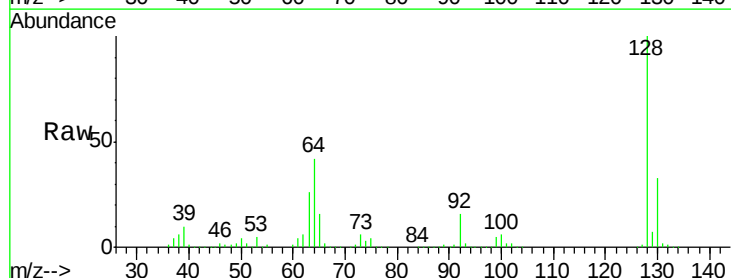
Tgt Ion: 128 Resp: 438480

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

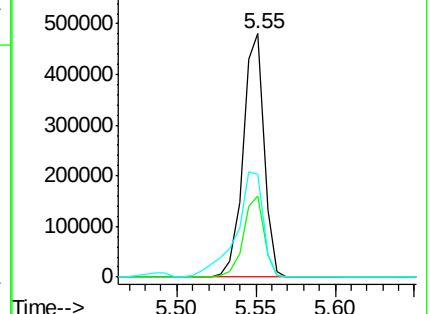
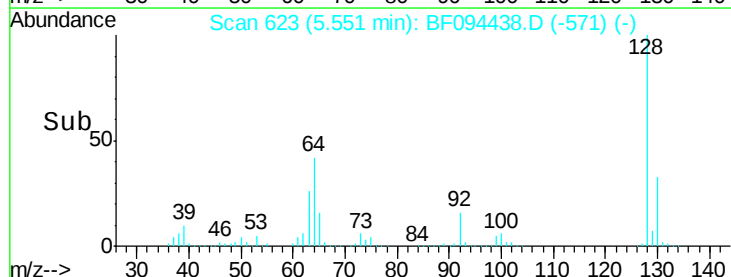
64 42.2 28.4 68.4

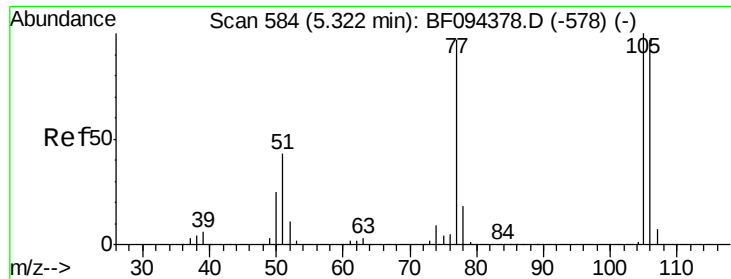


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.70 ng

RT: 5.27 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF094438.D

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ClientSampleId :

E2-Z8-BASEMS

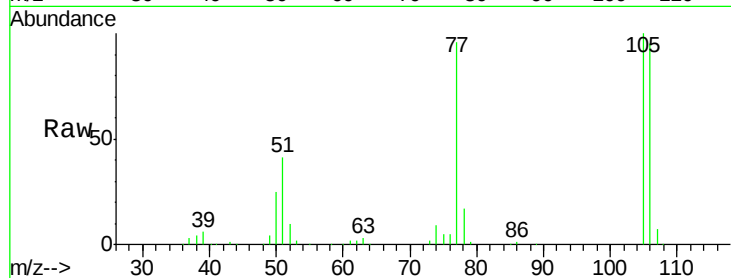
Tot Ion: 77 Resp: 124959

Ion Ratio Lower Upper

77 100

105 103.9 83.8 123.8

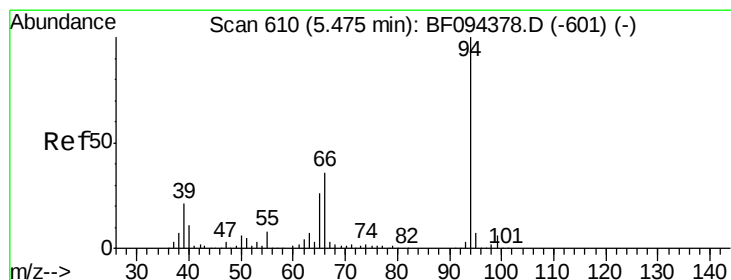
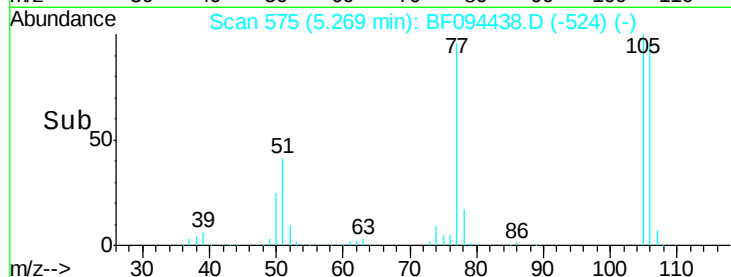
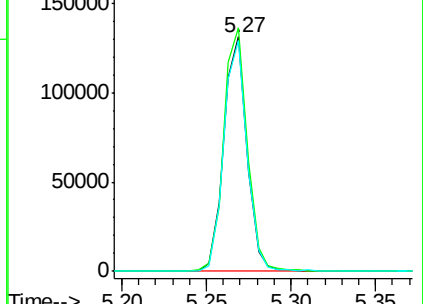
106 98.7 79.1 119.1



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: 49.41 ng

RT: 5.43 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

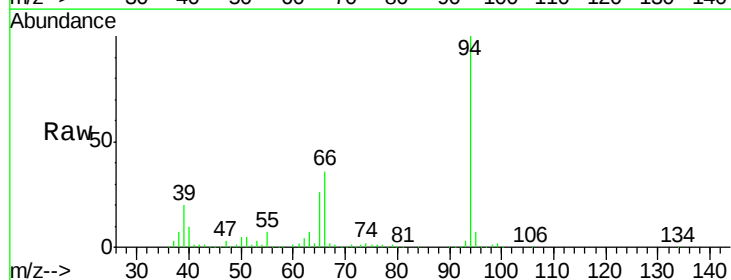
Tgt Ion: 94 Resp: 587697

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

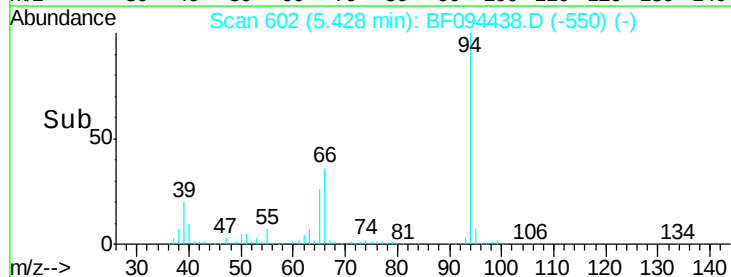
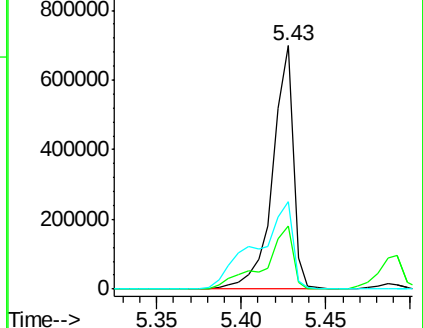
66 36.0 23.1 63.1

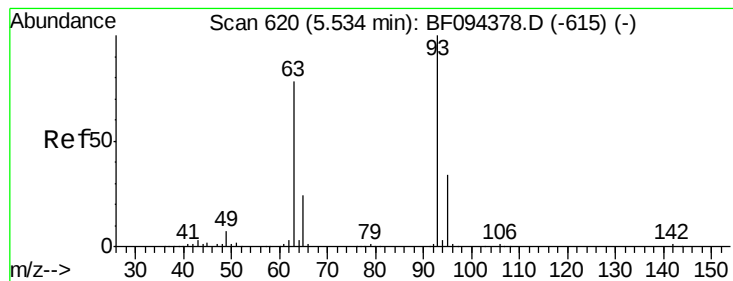


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

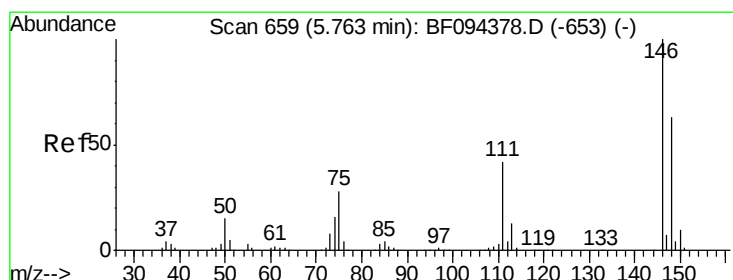
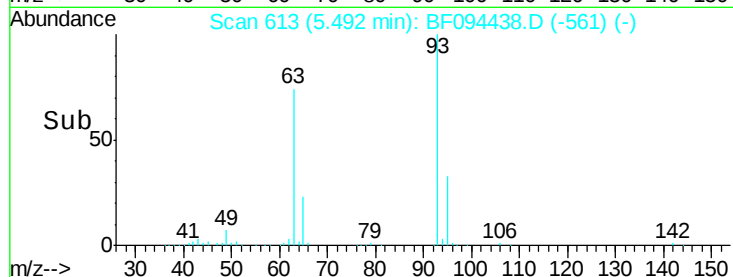
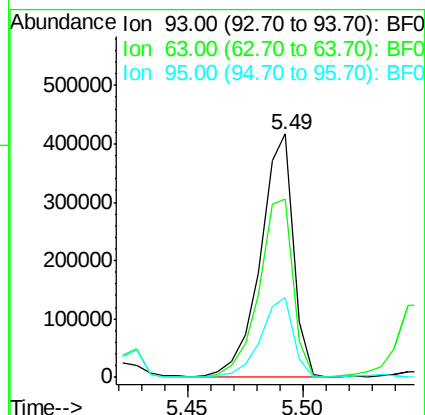
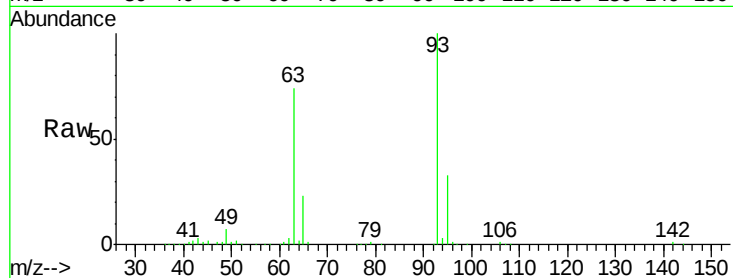




#11
 bis(2-Chloroethyl)ether
 Concen: 44.93 ng
 RT: 5.49 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

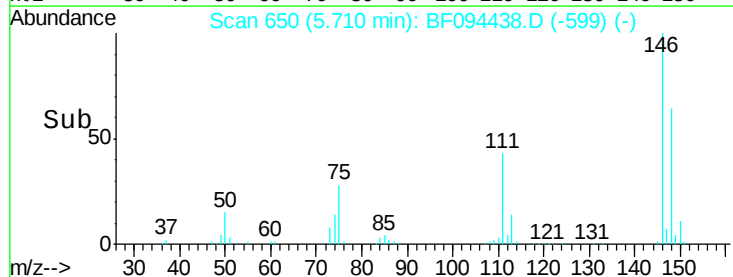
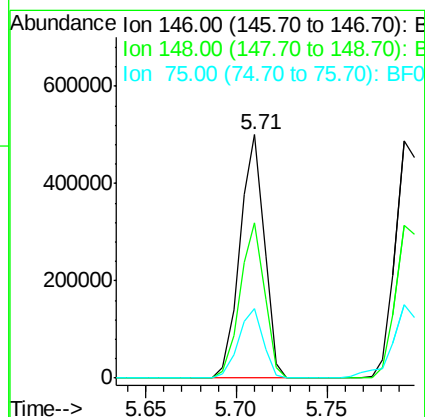
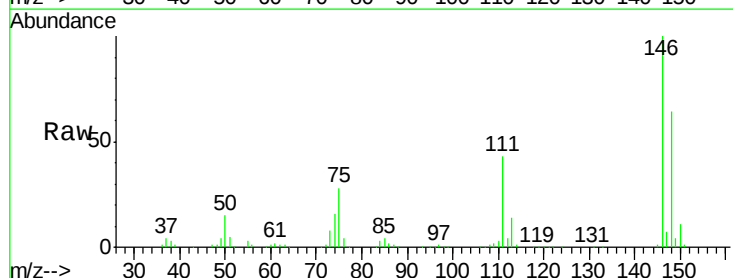
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

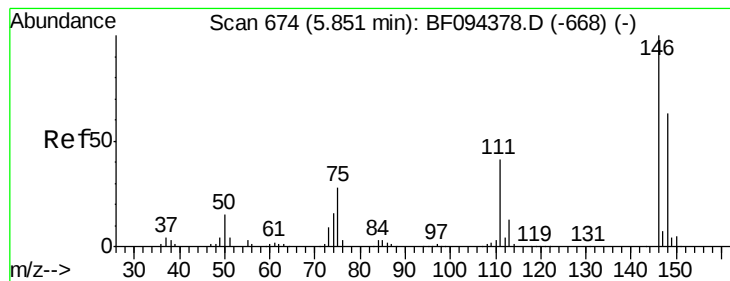
Tot Ion: 93 Resp: 417645
 Ion Ratio Lower Upper
 93 100
 63 73.5 59.2 99.2
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 44.84 ng
 RT: 5.71 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion: 146 Resp: 467131
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 28.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.59 ng

RT: 5.79 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

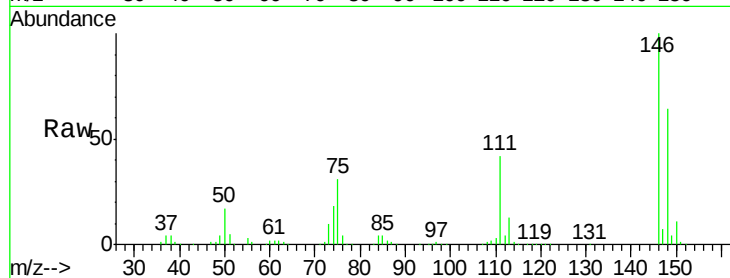
Tot Ion:146 Resp: 470472

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

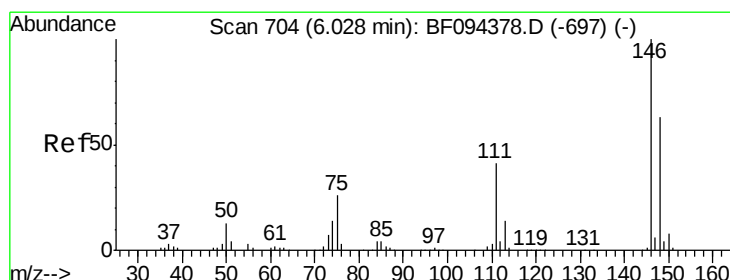
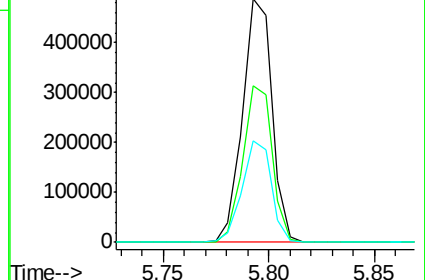
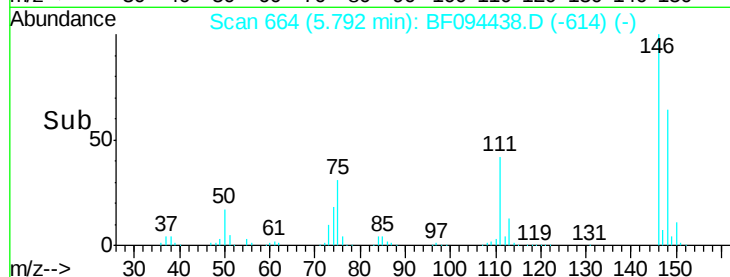
111 41.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.53 ng

RT: 5.97 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

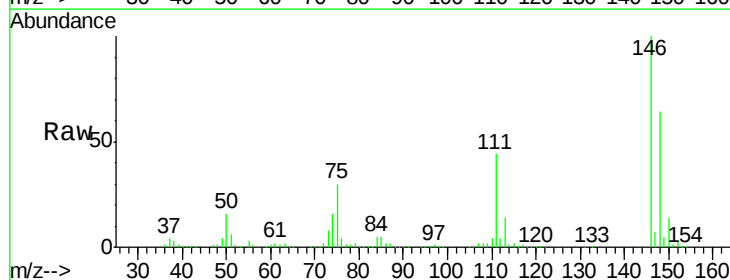
Tgt Ion:146 Resp: 432653

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

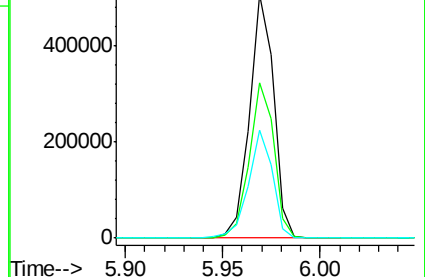
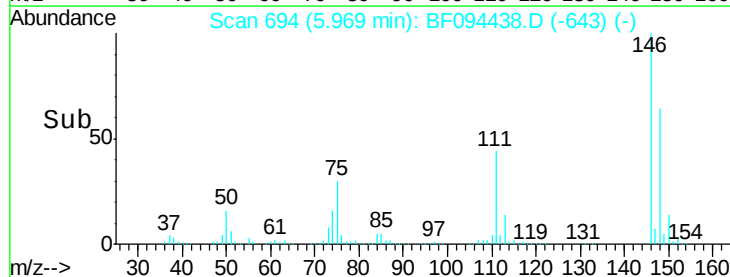
111 44.3 38.2 57.4

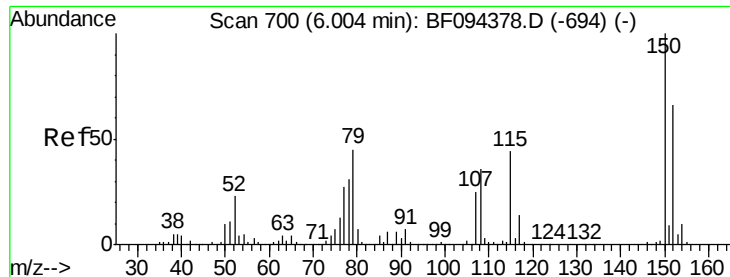


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

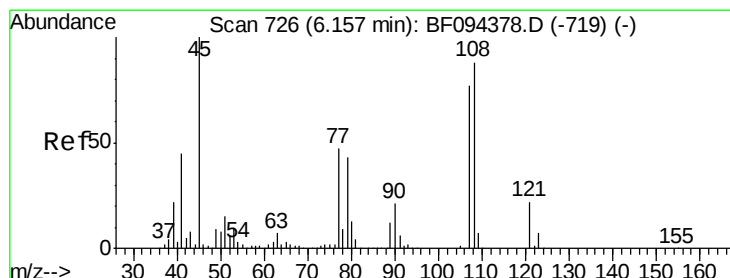
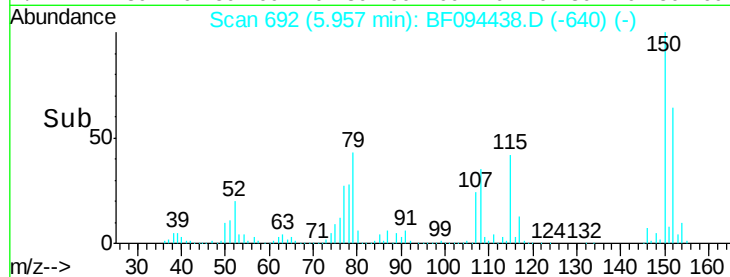
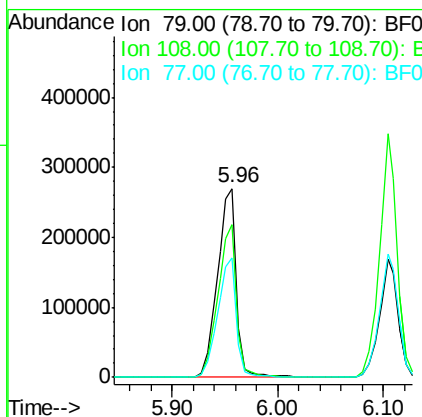
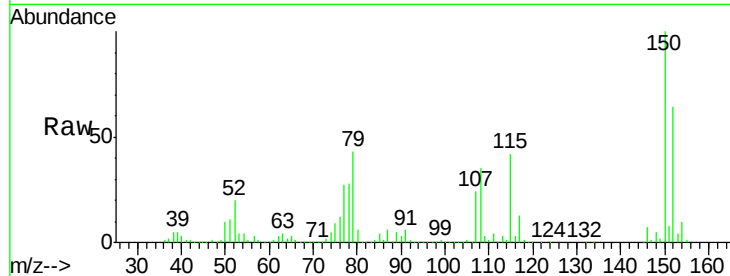




#15
Benzyl Alcohol
Concen: 44.39 ng
RT: 5.96 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

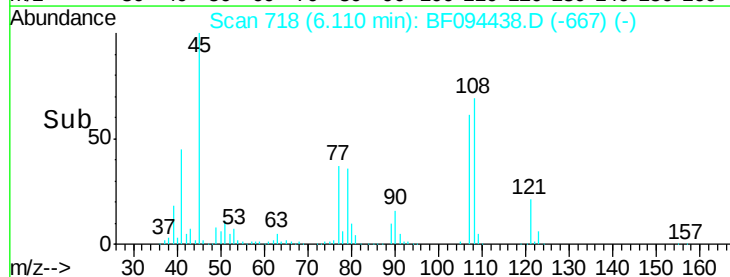
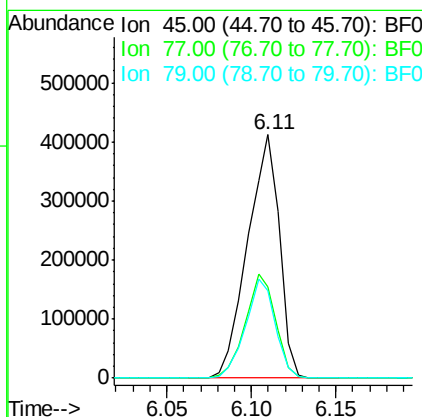
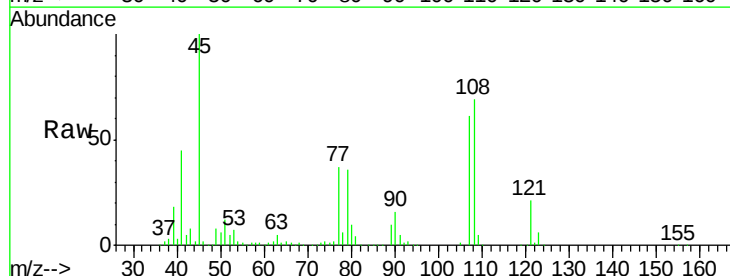
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

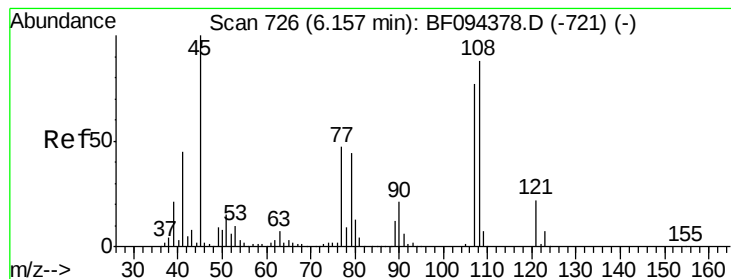
Tot Ion: 79 Resp: 339604
Ion Ratio Lower Upper
79 100
108 81.0 63.4 95.0
77 63.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.58 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion: 45 Resp: 538245
Ion Ratio Lower Upper
45 100
77 37.4 0.0 33.2#
79 36.1 0.0 30.0#





#17

2-Methylphenol

Concen: 45.14 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

Tot Ion:107 Resp: 359062

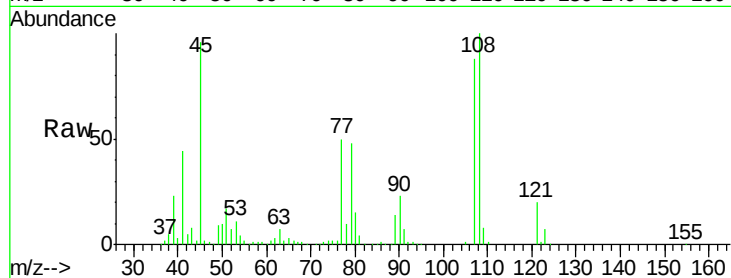
Ion Ratio Lower Upper

107 100

108 113.5 93.4 140.0

77 57.2 35.8 53.6#

79 54.8 34.8 52.2#



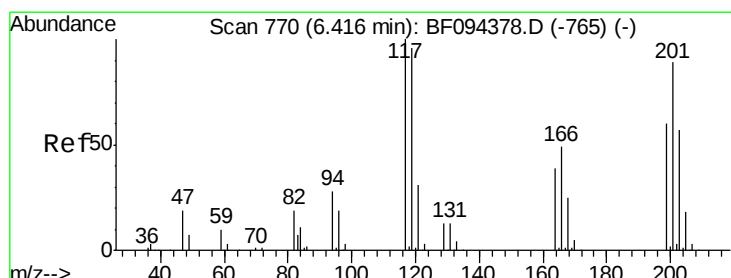
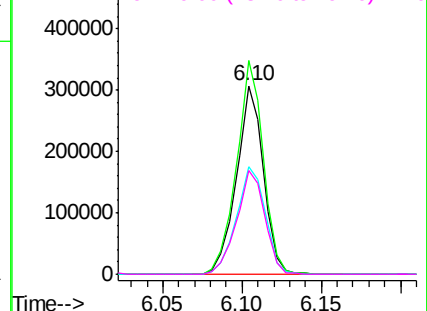
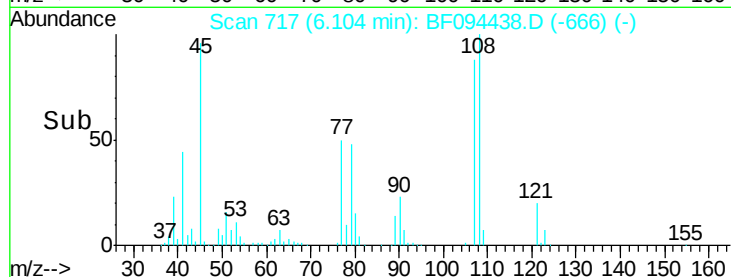
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.72 ng

RT: 6.36 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

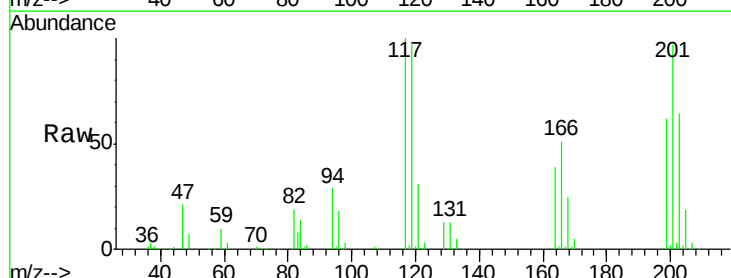
Tgt Ion:117 Resp: 162145

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

201 96.7 94.6 141.8

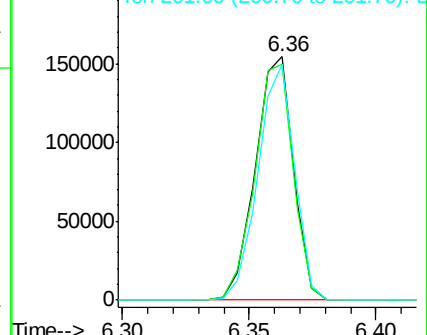
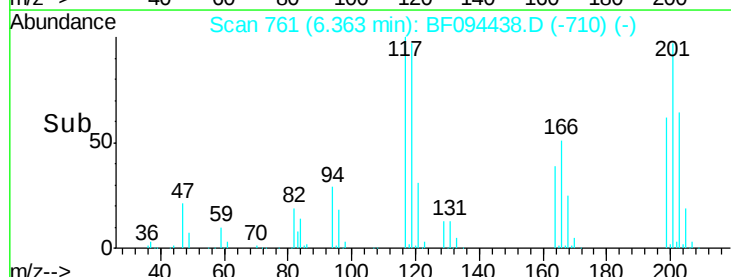


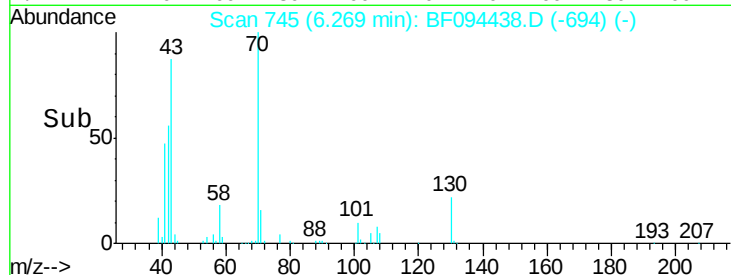
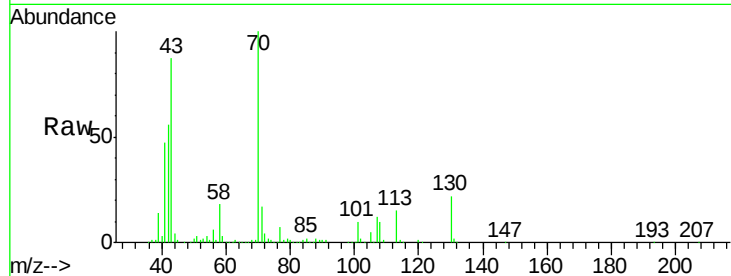
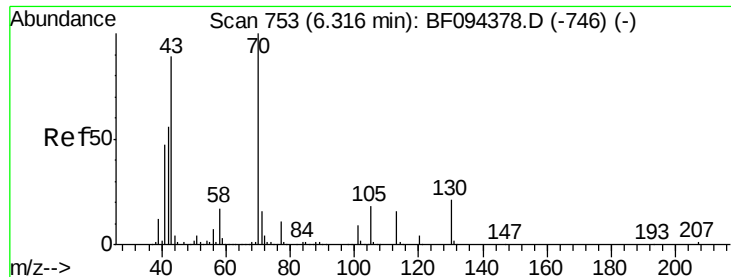
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

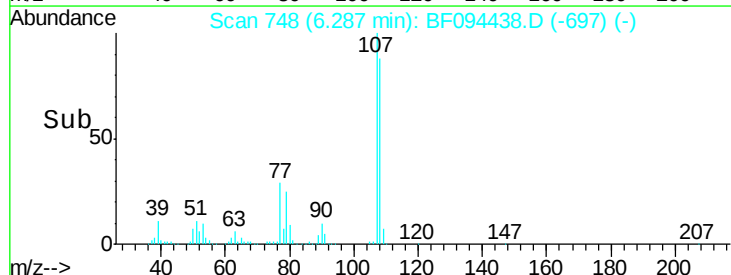
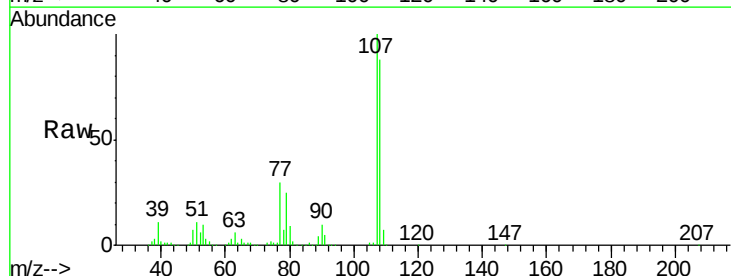
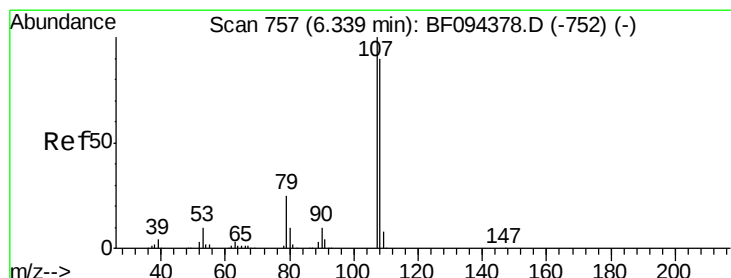
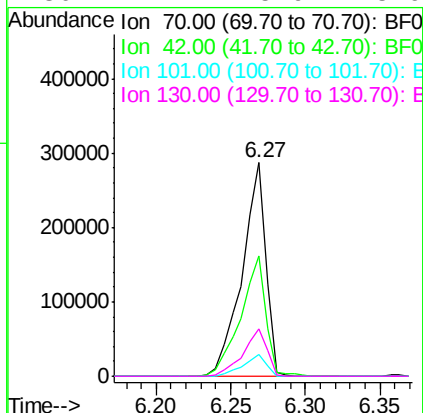




#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

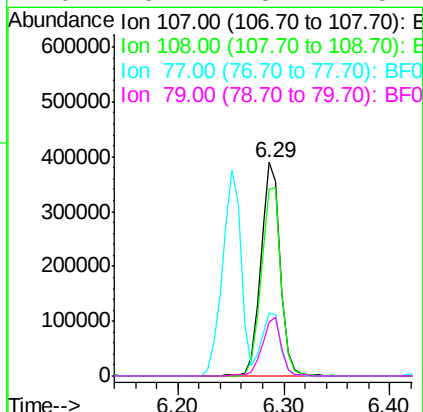
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

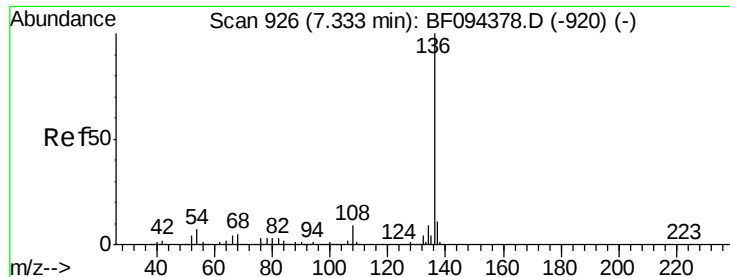
Tot Ion:	70	Resp:	317285
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.2	70.8
101	10.2	7.2	10.8
130	22.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 52.22 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:	107	Resp:	503052
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.0	111.0
77	29.7	90.5	130.5#
79	25.4	8.4	48.4

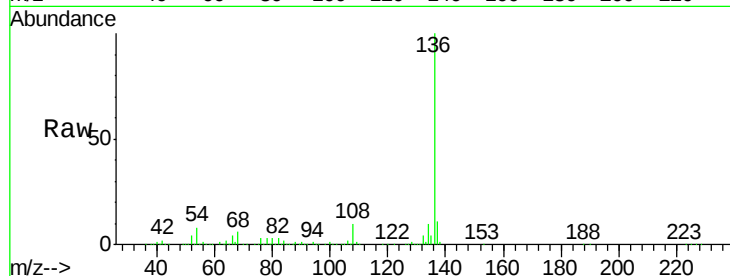




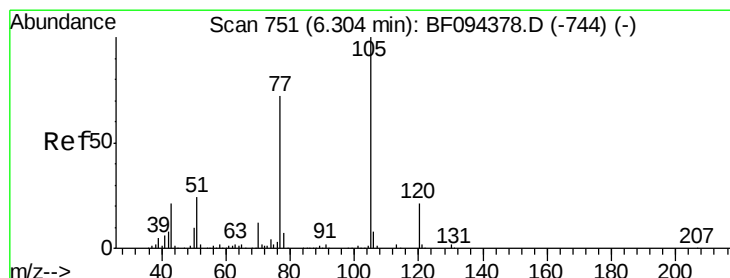
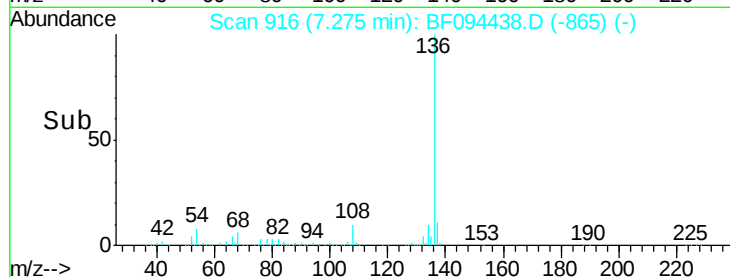
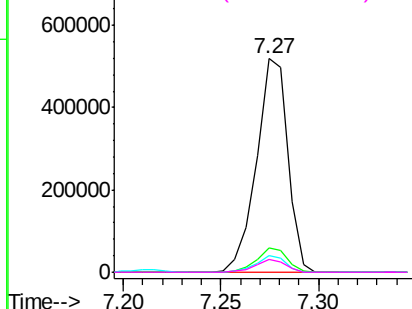
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:136	Resp:	577063
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.6	4.9 7.3#
68	5.8	4.1 6.1

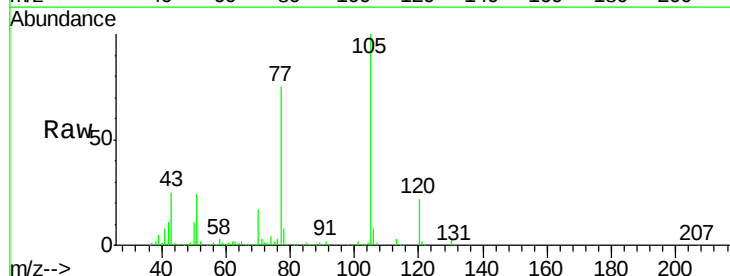


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

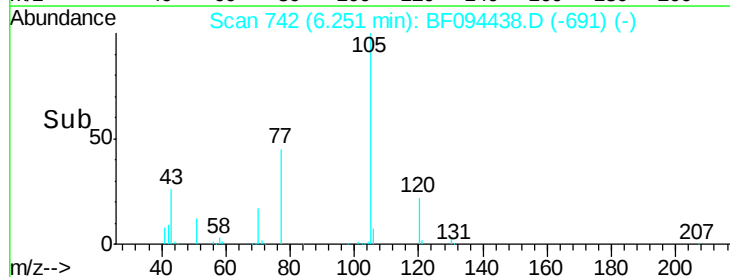
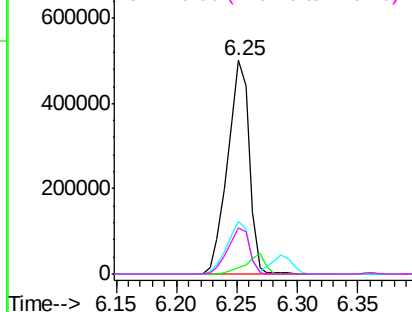


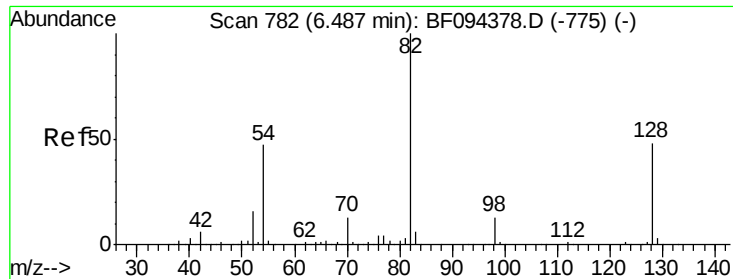
#22
Acetophenone
Concen: 48.69 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:105	Resp:	626210
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.8 4.2#
51	24.3	30.7 46.1#
120	21.5	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

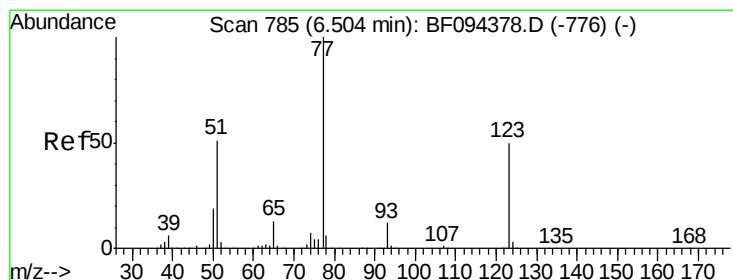
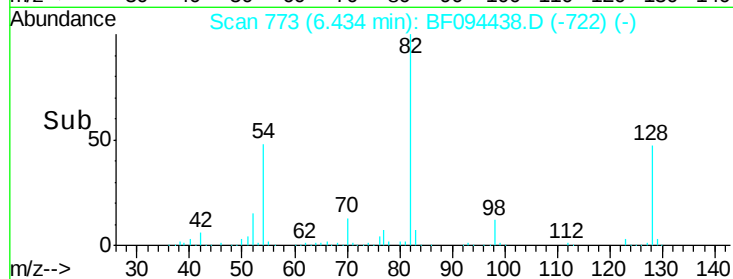
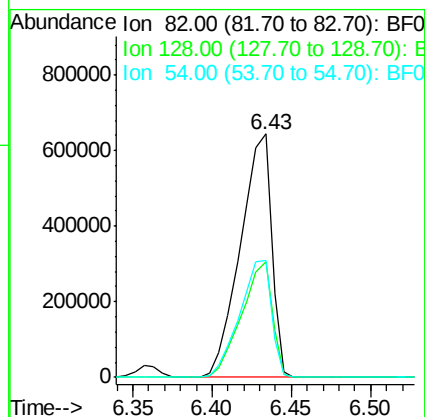
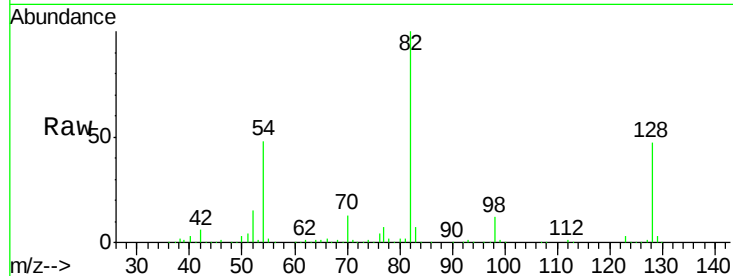




#23
Nitrobenzene-d5
Concen: 87.14 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

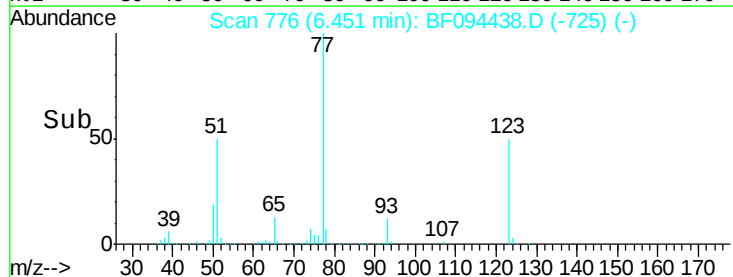
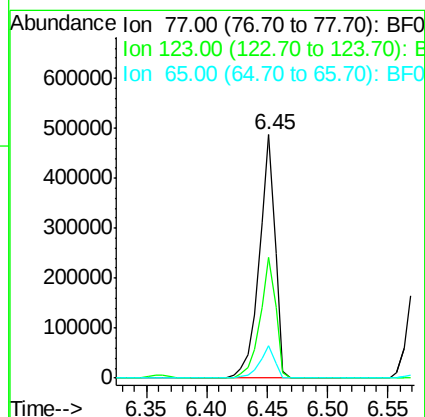
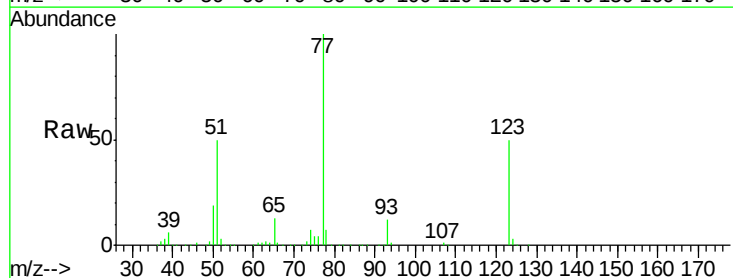
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

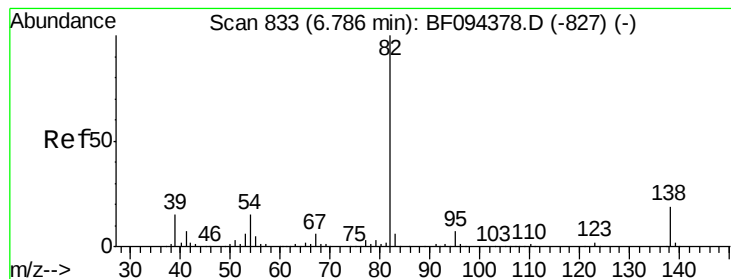
Tot Ion: 82 Resp: 881104
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 47.9 42.2 63.2



#24
Nitrobenzene
Concen: 44.79 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion: 77 Resp: 446637
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 13.5 10.6 15.8





#25

Isophorone

Concen: 45.59 ng

RT: 6.74 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

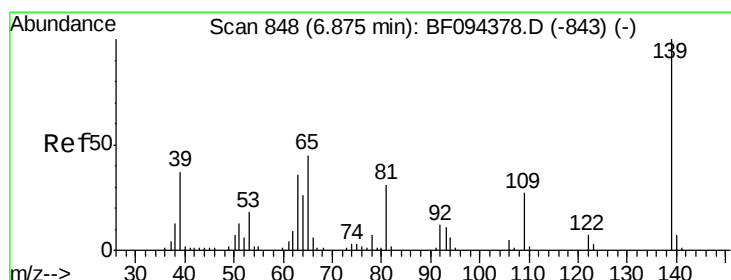
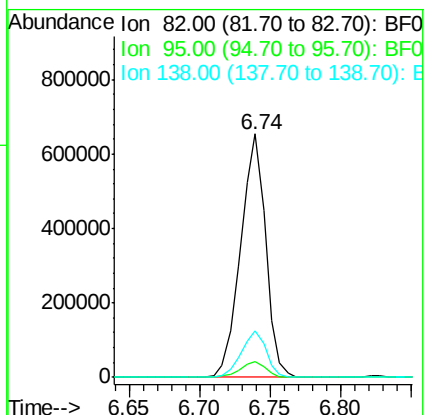
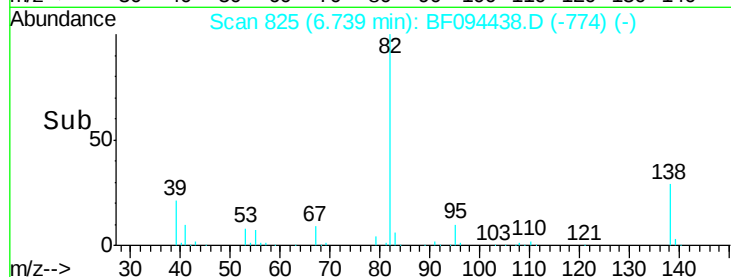
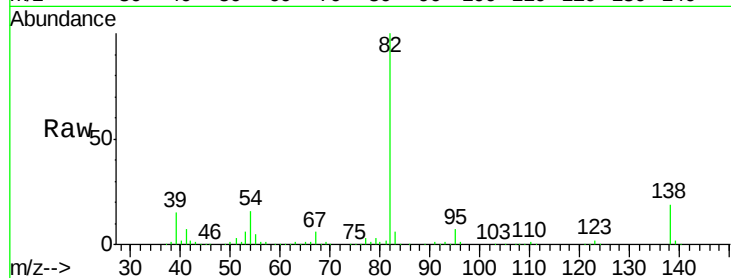
Tot Ion: 82 Resp: 809986

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 52.55 ng

RT: 6.83 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

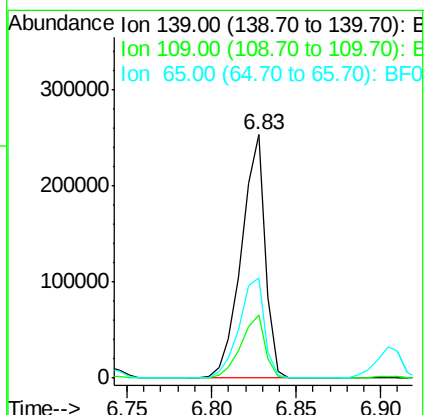
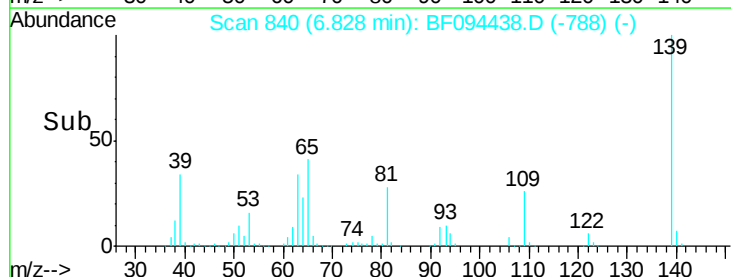
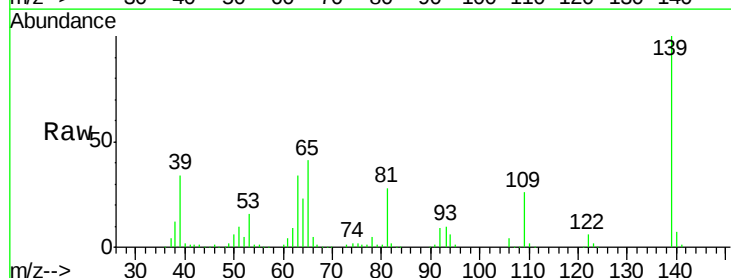
Tgt Ion: 139 Resp: 249921

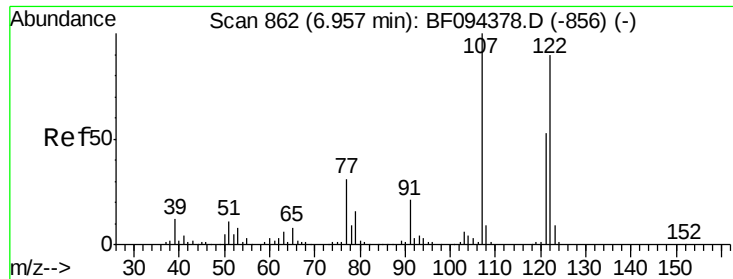
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 41.3 33.0 49.6

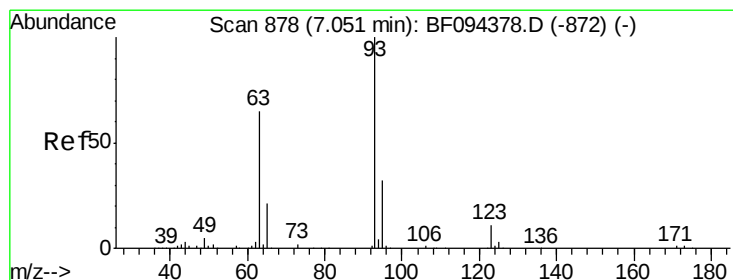
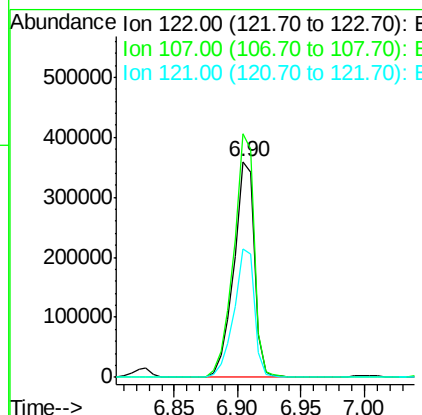
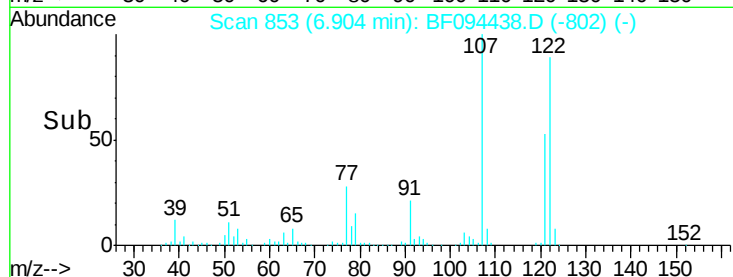
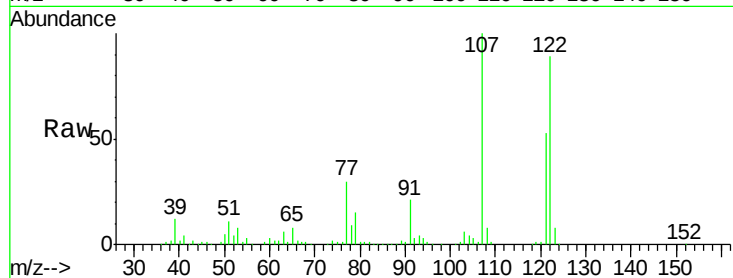




#27
 2,4-Dimethylphenol
 Concen: 48.95 ng
 RT: 6.90 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

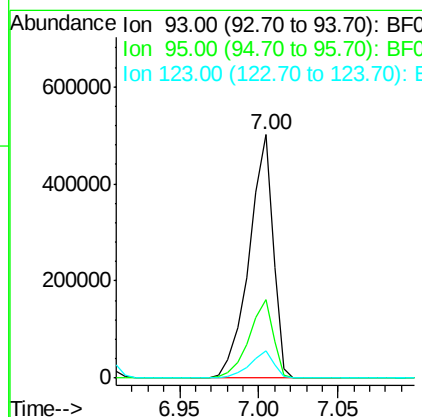
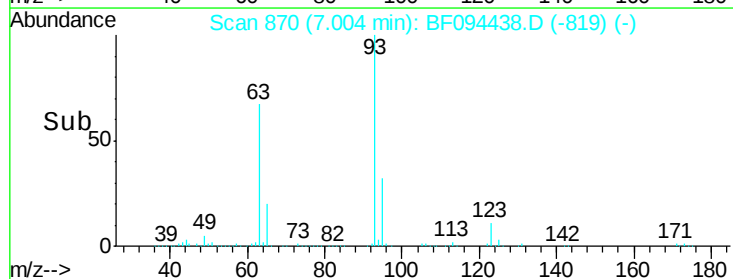
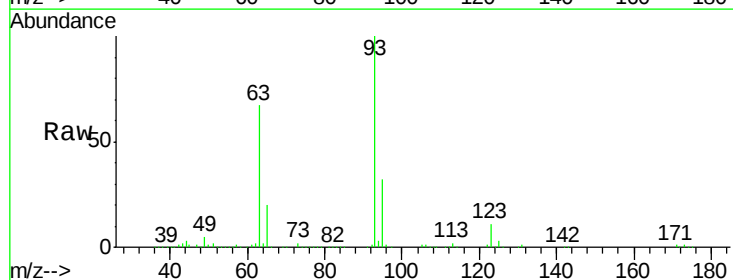
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

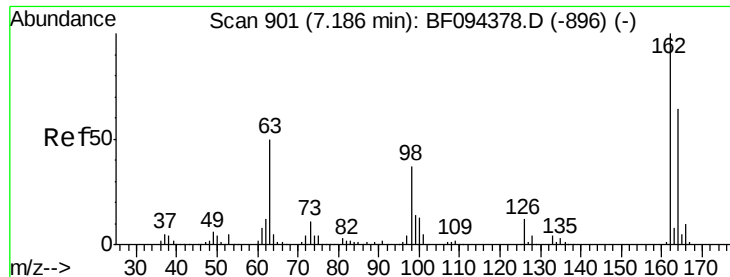
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.2	133.8
121	59.4	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.85 ng
 RT: 7.00 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	11.3	9.0	13.4

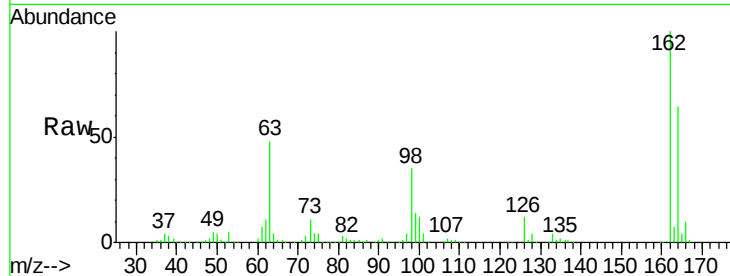




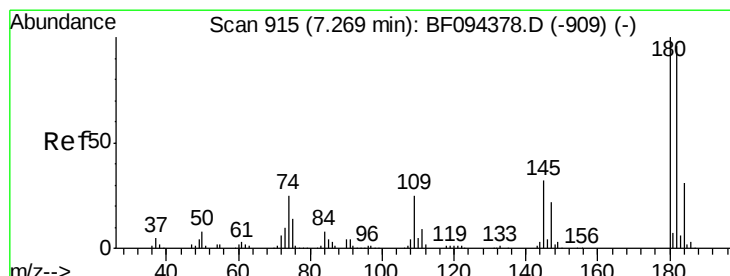
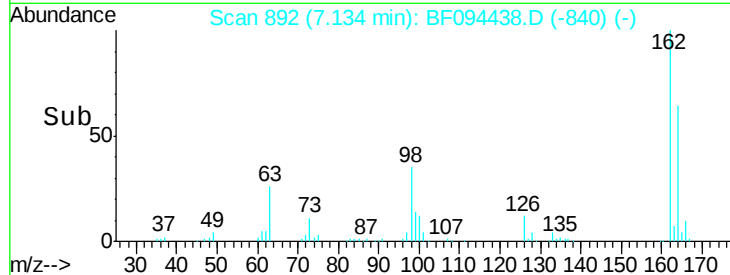
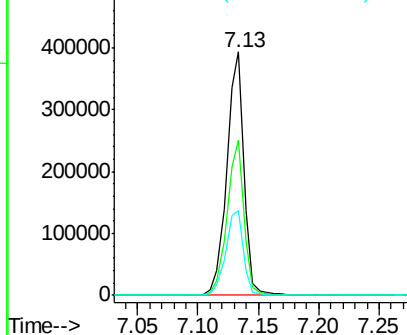
#29
 2,4-Dichlorophenol
 Concen: 50.39 ng
 RT: 7.13 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	34.9	14.8	54.8

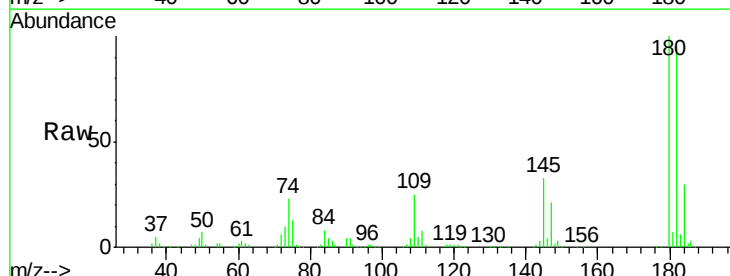


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

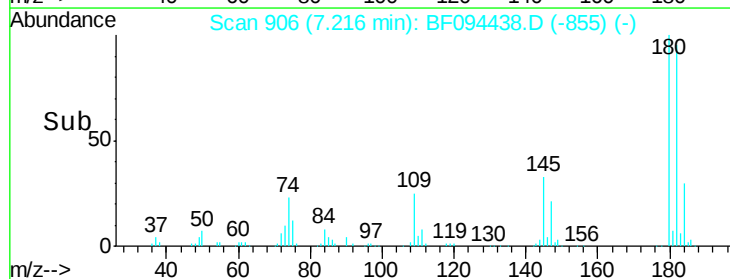
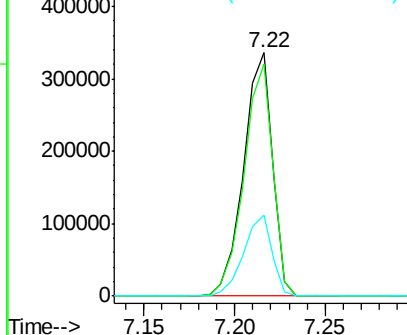


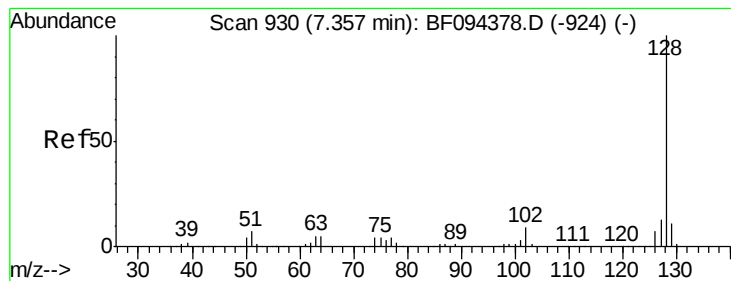
#30
 1,2,4-Trichlorobenzene
 Concen: 47.01 ng
 RT: 7.22 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	33.3	25.3	37.9



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

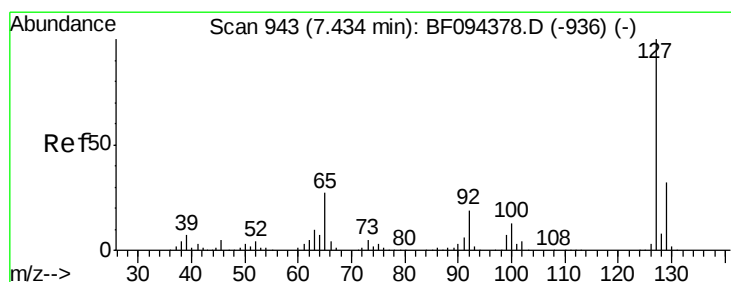
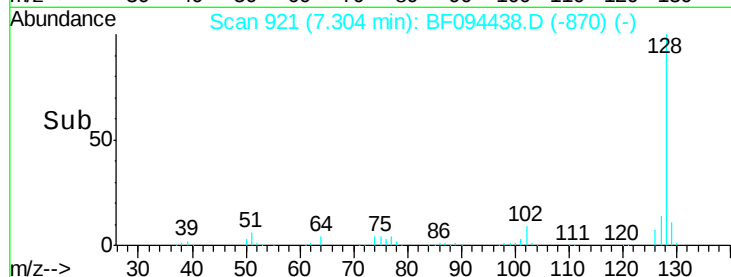
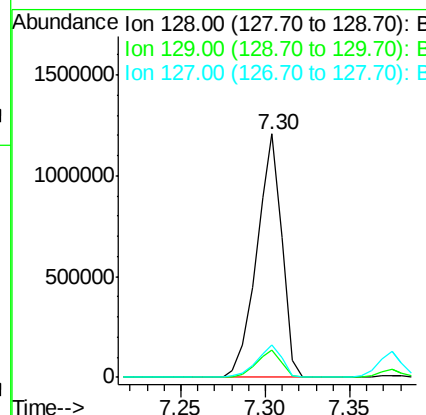
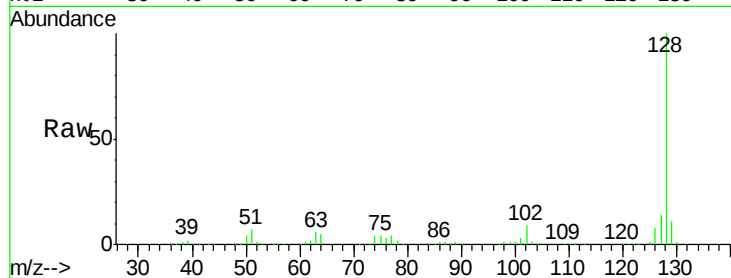




#31
Naphthalene
Concen: 44.98 ng
RT: 7.30 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

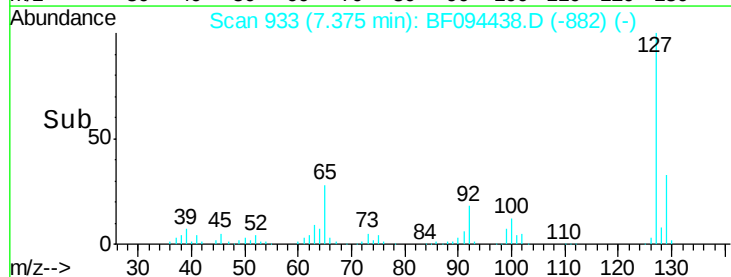
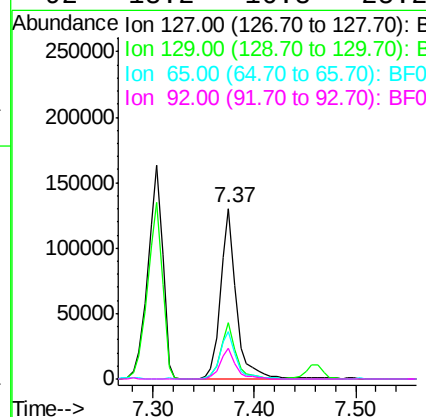
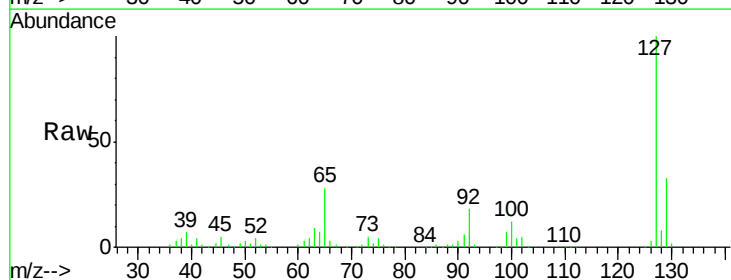
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

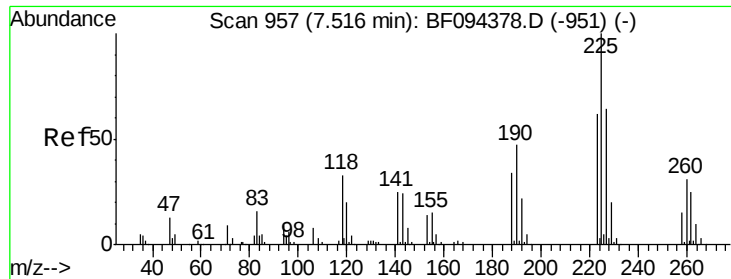
Tot Ion:128 Resp: 1247976
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#33
4-Chloroaniline
Concen: 12.66 ng
RT: 7.37 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:127 Resp: 142327
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2
65 27.7 27.8 41.8#
92 18.2 16.8 25.2

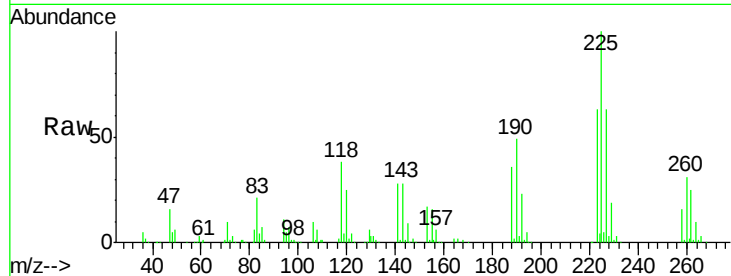




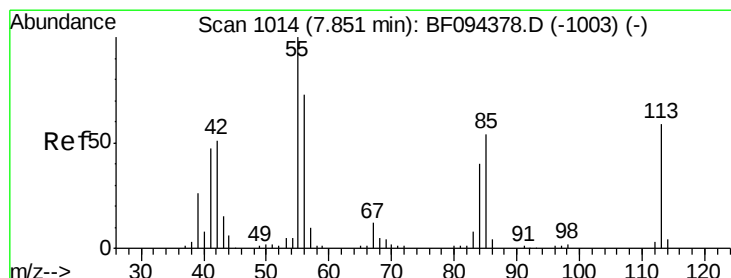
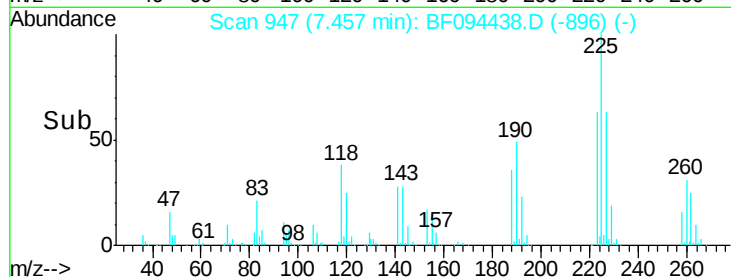
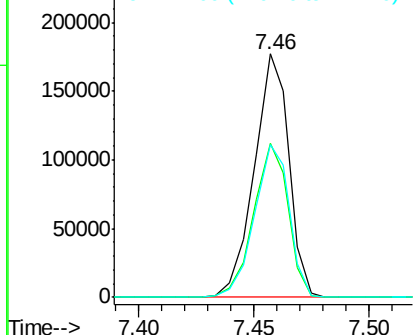
#34
Hexachlorobutadiene
Concen: 45.77 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:225 Resp: 185239
Ion Ratio Lower Upper
225 100
223 63.2 48.8 73.2
227 62.9 51.1 76.7

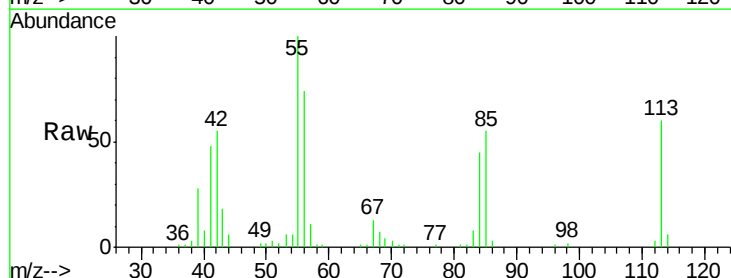


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

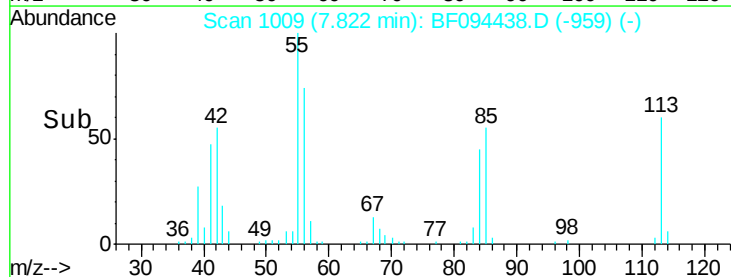
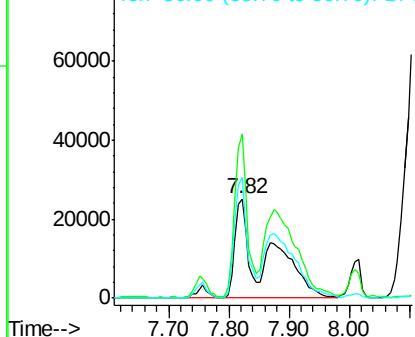


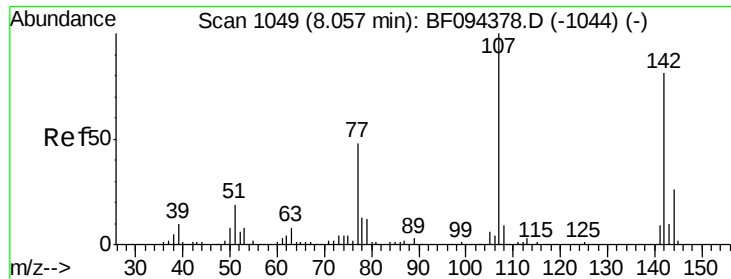
#35
Caprolactam
Concen: 37.16 ng m
RT: 7.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:113 Resp: 90806
Ion Ratio Lower Upper
113 100
55 165.6 150.2 190.2
56 122.1 107.8 147.8



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

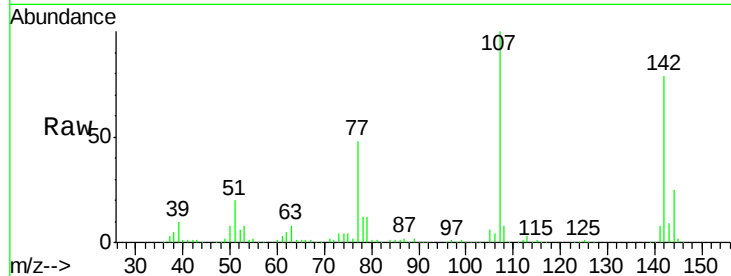




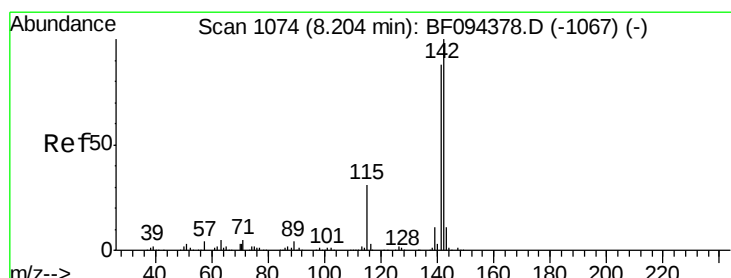
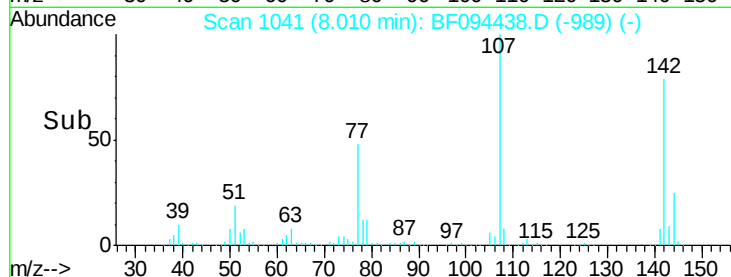
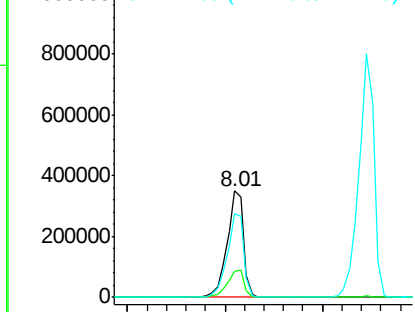
#36
 4-Chloro-3-methylphenol
 Concen: 50.59 ng
 RT: 8.01 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion:107 Resp: 405026
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 78.9 73.4 110.0

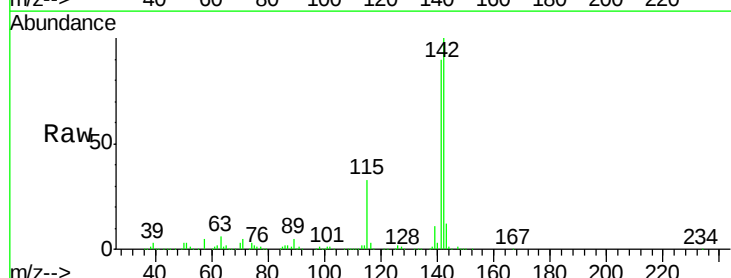


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

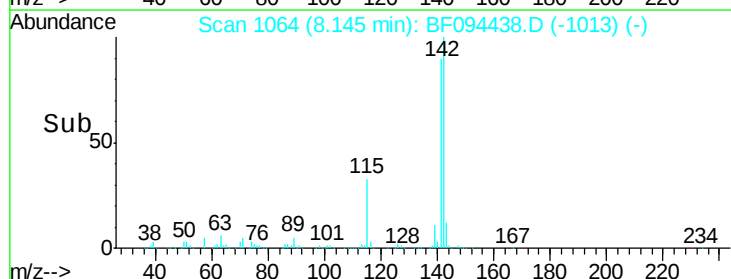
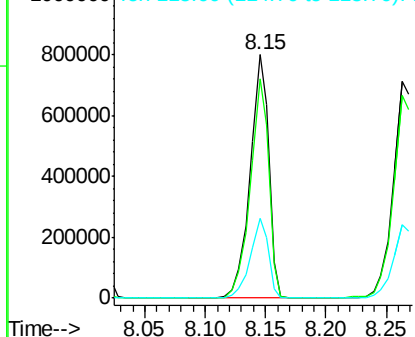


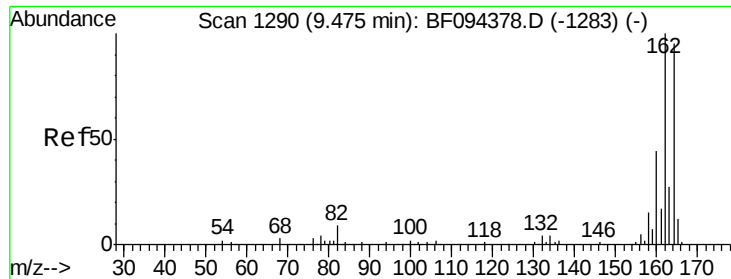
#37
 2-Methylnaphthalene
 Concen: 46.62 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:142 Resp: 862293
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.3 106.9
 115 32.6 27.1 40.7



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

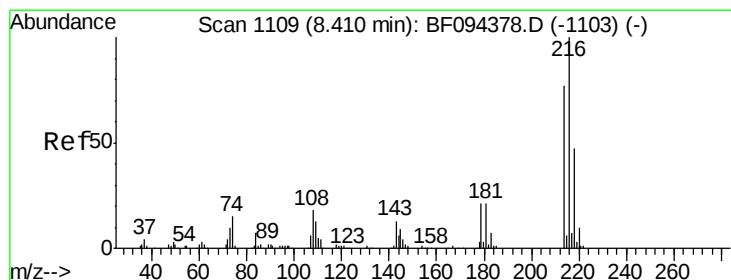
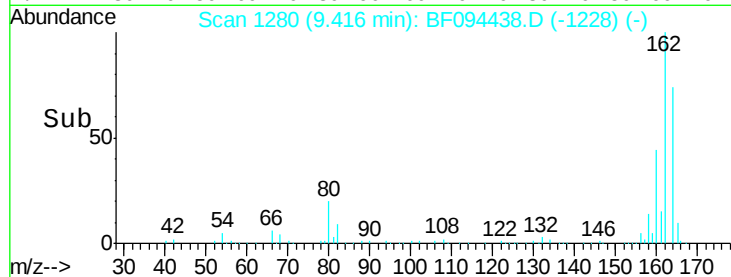
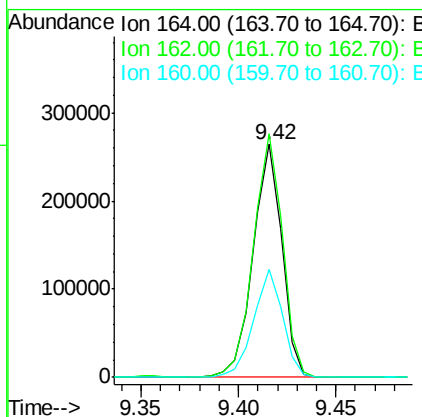
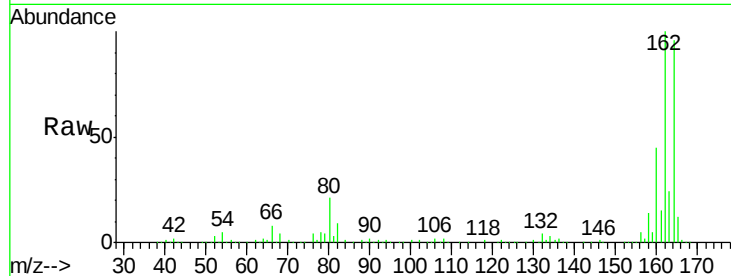




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

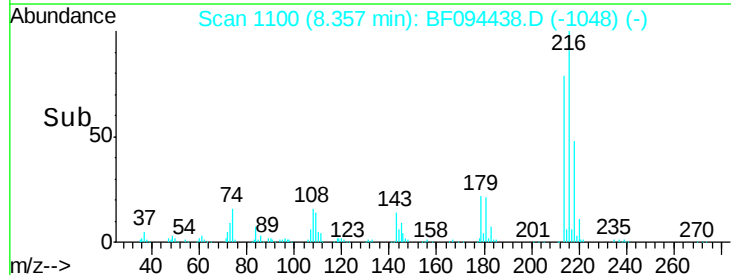
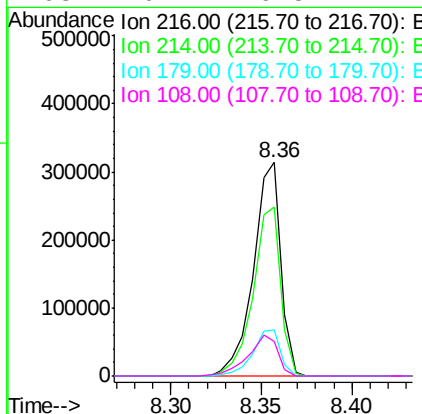
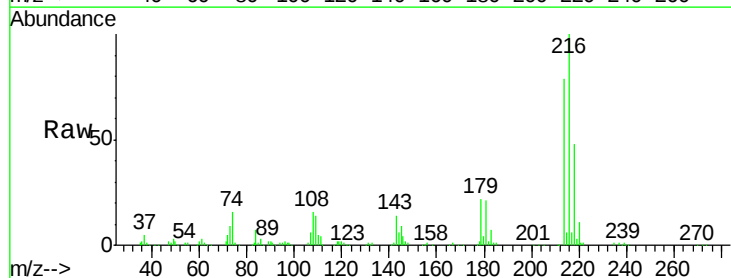
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

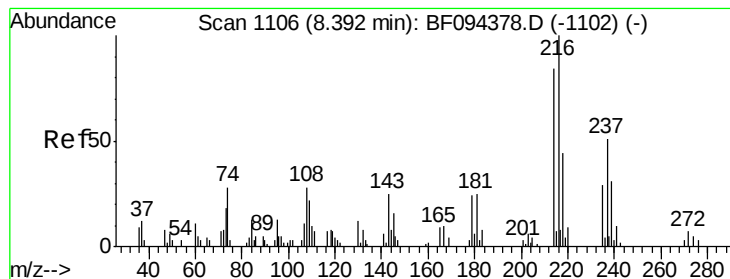
Tot Ion:164 Resp: 269911
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 46.6 36.2 54.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.82 ng
 RT: 8.36 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:216 Resp: 330924
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.4 95.2
 179 21.9 17.9 26.9
 108 20.7 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 71.97 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

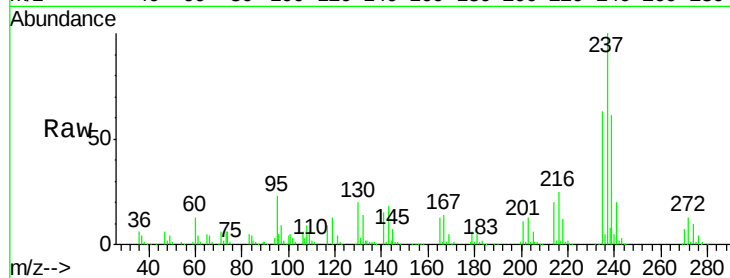
Tot Ion:237 Resp: 248678

Ion Ratio Lower Upper

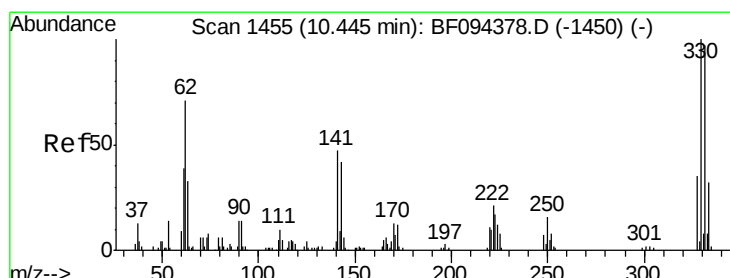
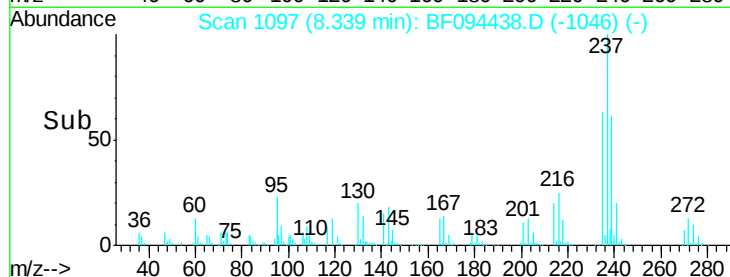
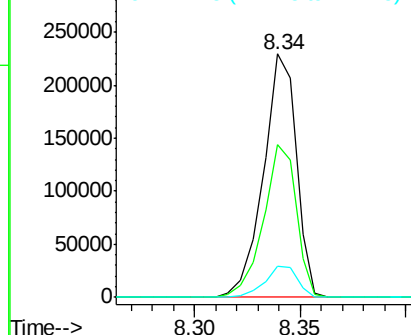
237 100

235 62.8 42.6 82.6

272 13.0 0.0 31.9



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



#41

2,4,6-Tribromophenol

Concen: 138.62 ng

RT: 10.40 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

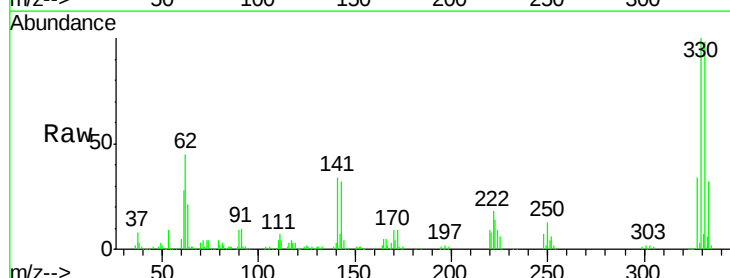
Tgt Ion:330 Resp: 295670

Ion Ratio Lower Upper

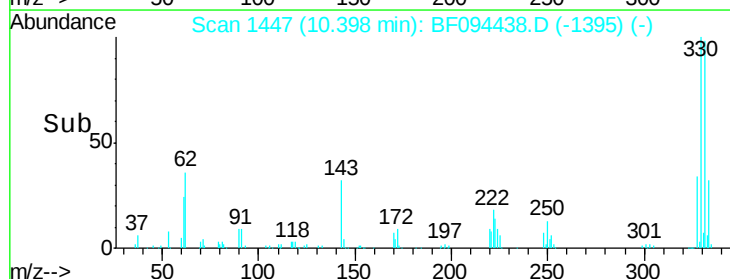
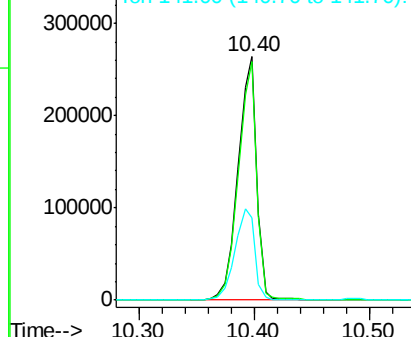
330 100

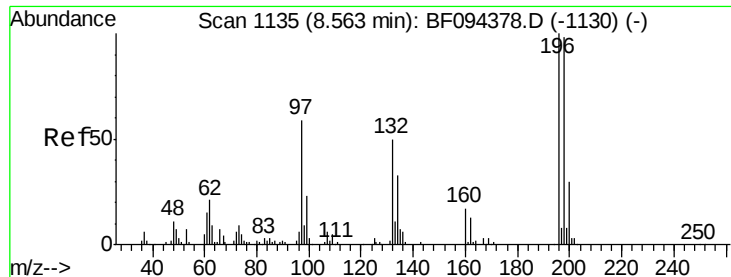
332 95.8 76.6 115.0

141 39.7 31.4 47.2



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: 47.79 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

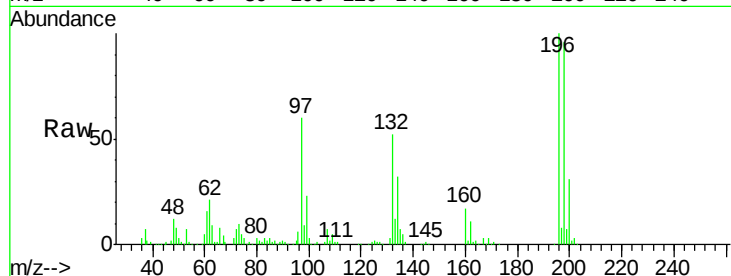
Tot Ion:196 Resp: 249677

Ion Ratio Lower Upper

196 100

198 96.0 74.2 111.4

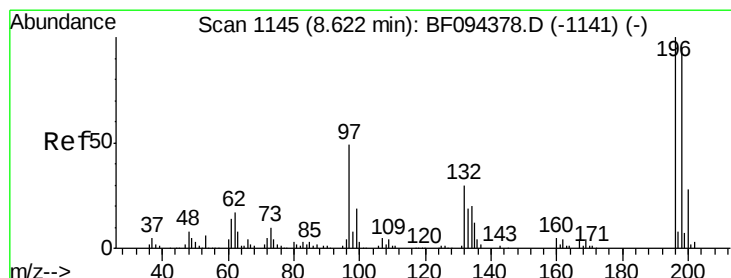
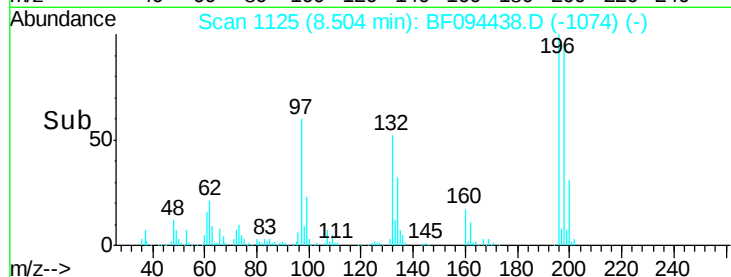
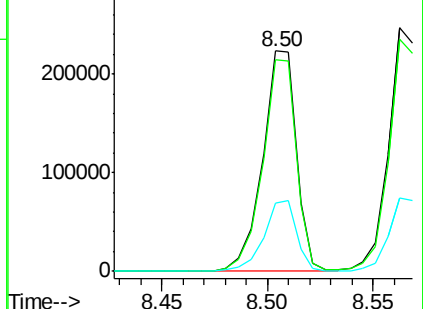
200 30.8 24.0 36.0



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: 45.27 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Tgt Ion:196 Resp: 255907

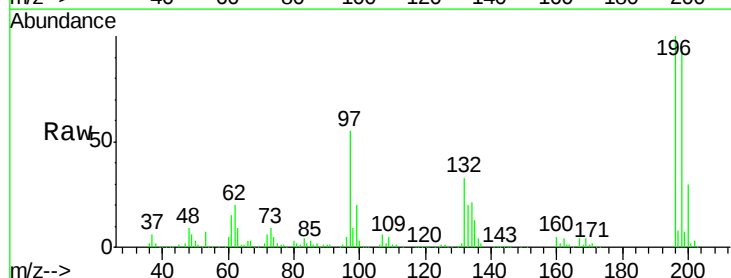
Ion Ratio Lower Upper

196 100

198 95.3 75.7 113.5

97 54.5 47.7 71.5

132 32.6 28.0 42.0

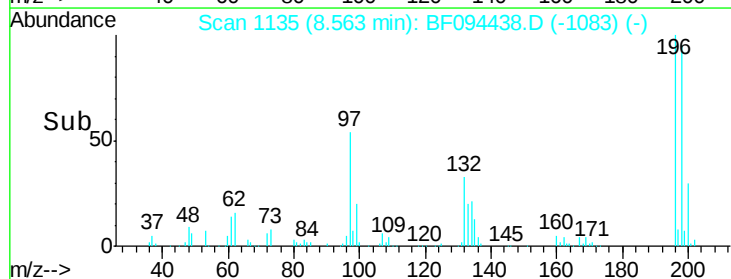
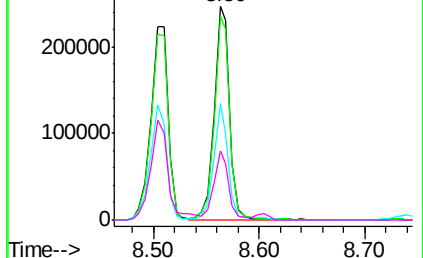


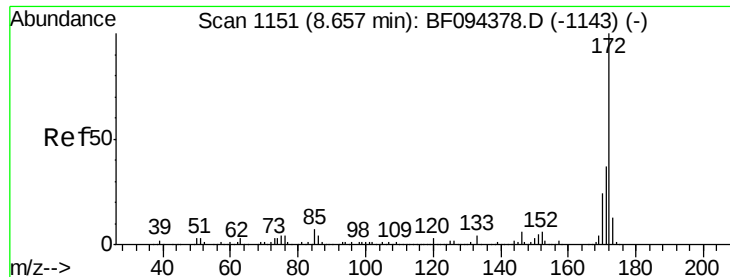
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 87.21 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

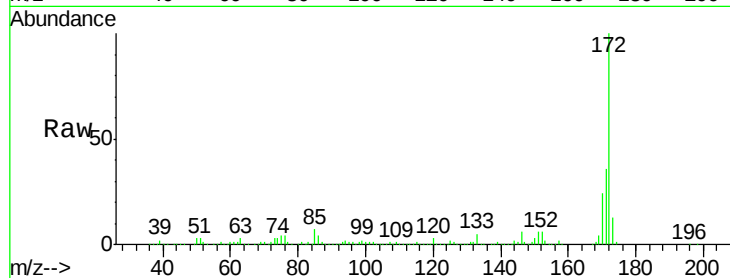
BNA_F

ClientSampleId :

E2-Z8-BASEMS

Tot Ion:172 Resp: 1543187

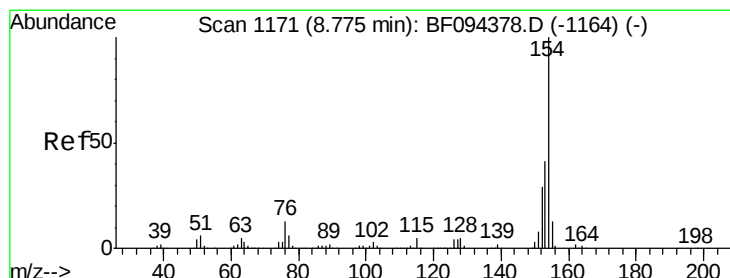
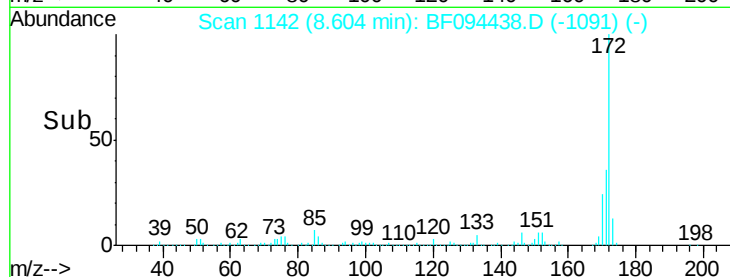
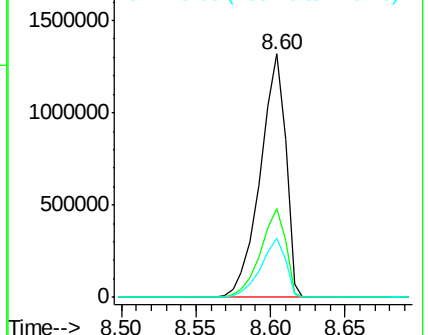
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.36 ng

RT: 8.72 min Scan# 1162

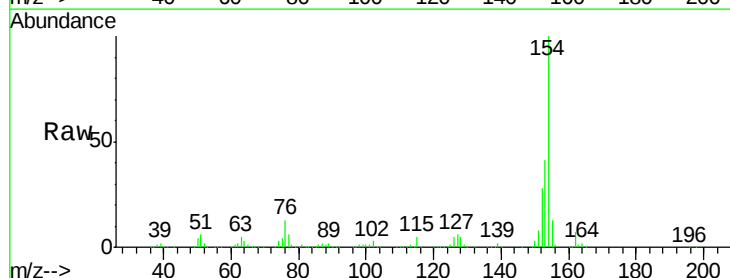
Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Tgt Ion:154 Resp: 965840

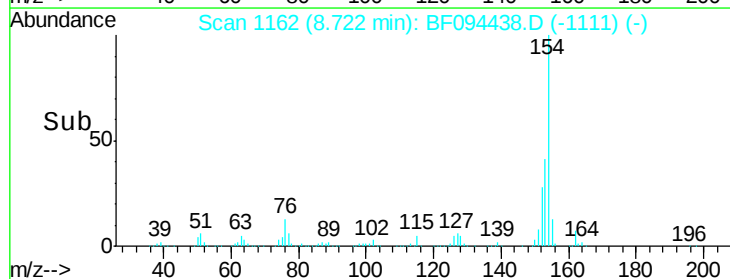
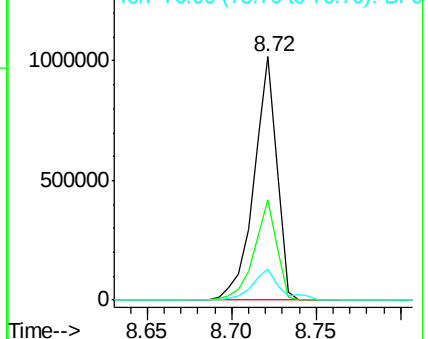
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.0	0.0	29.9

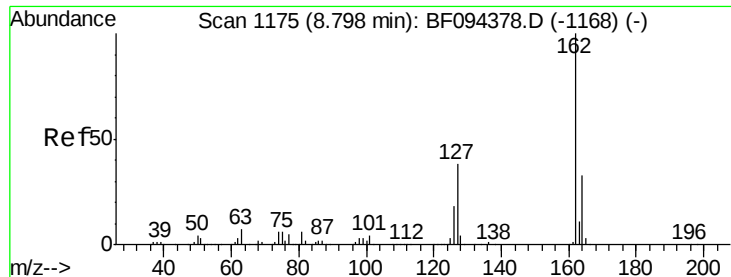


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 45.39 ng

RT: 8.74 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

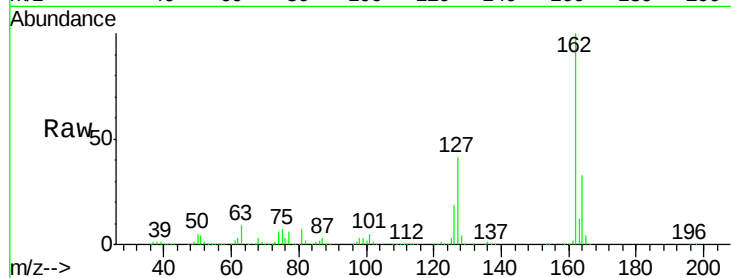
Tot Ion:162 Resp: 773465

Ion Ratio Lower Upper

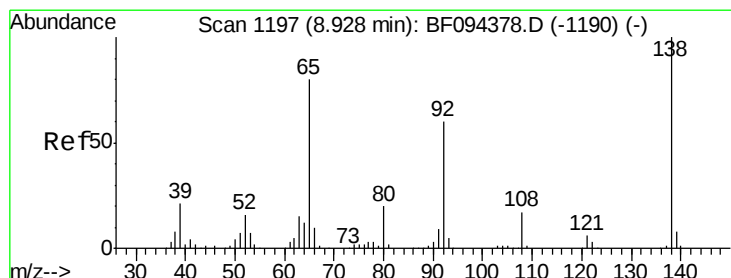
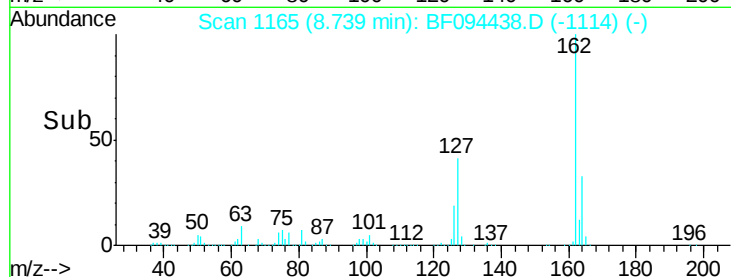
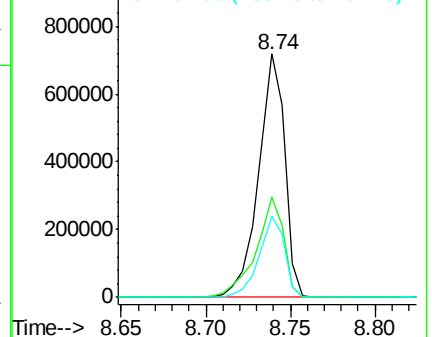
162 100

127 41.2 28.3 42.5

164 33.3 27.0 40.4



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



#47

2-Nitroaniline

Concen: 47.71 ng

RT: 8.87 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

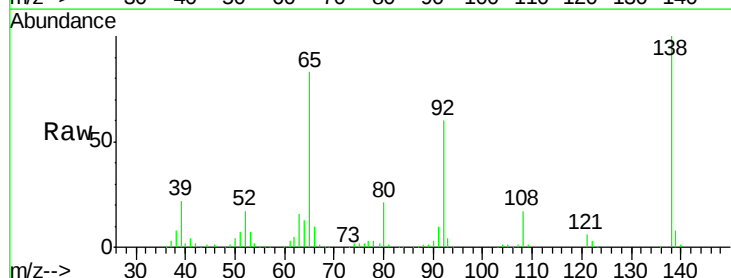
Tgt Ion: 65 Resp: 241180

Ion Ratio Lower Upper

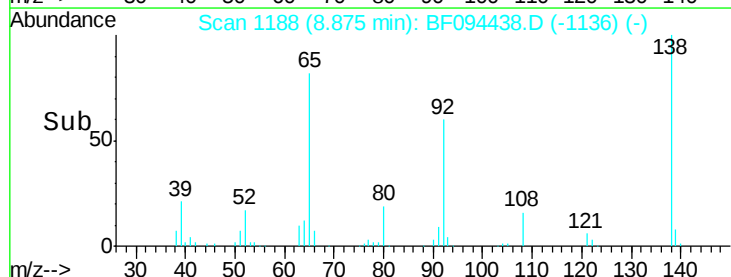
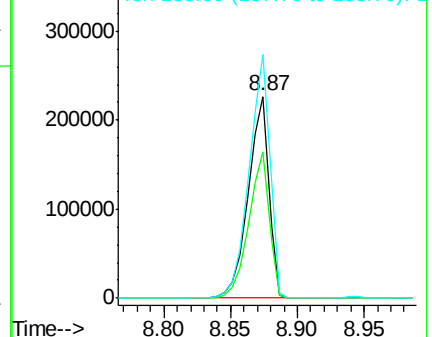
65 100

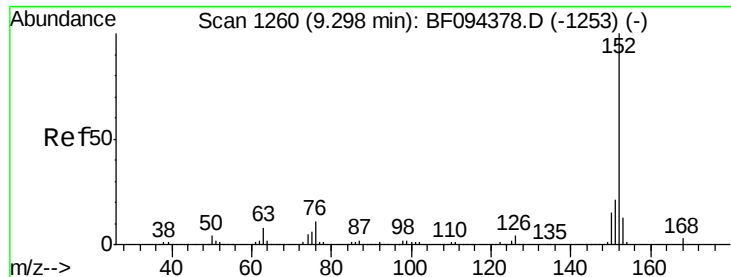
92 72.6 53.9 80.9

138 120.6 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

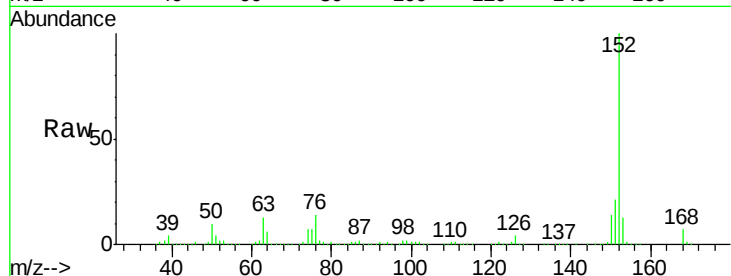




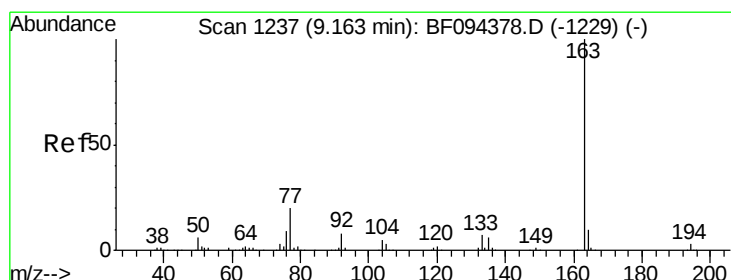
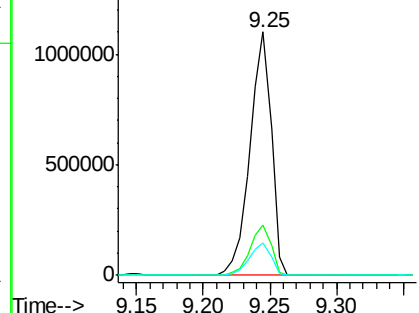
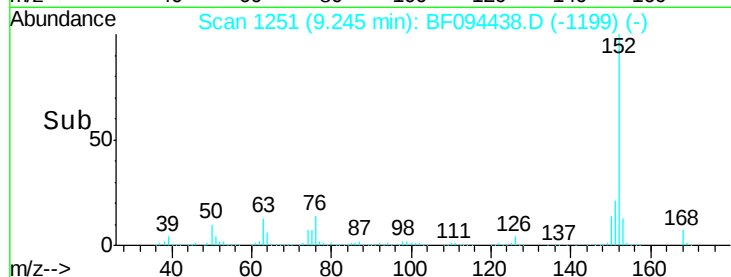
#48
Acenaphthylene
Concen: 42.54 ng
RT: 9.25 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:152 Resp: 1204970
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.2 10.8 16.2

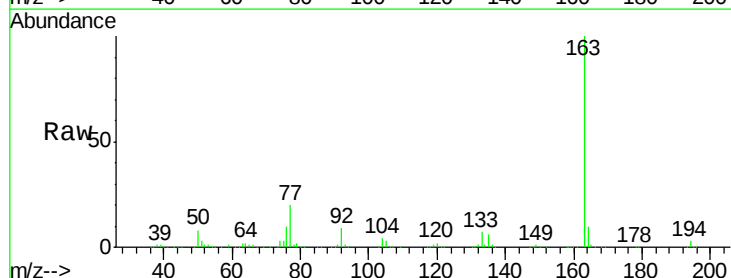


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

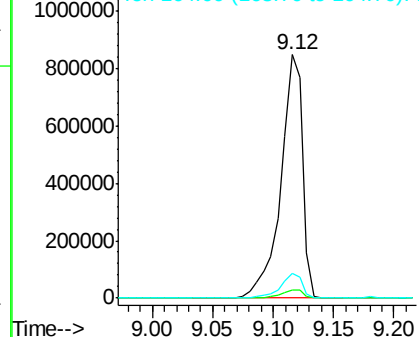
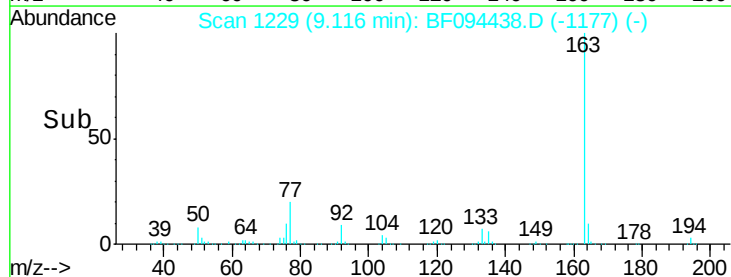


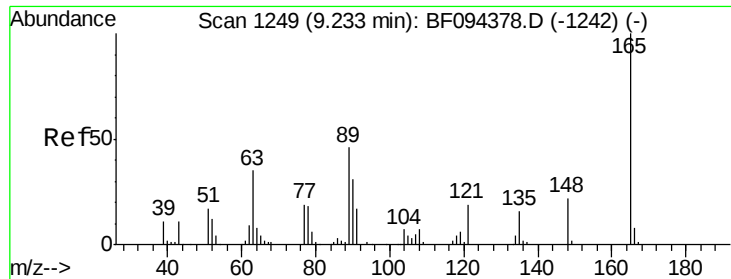
#49
Dimethylphthalate
Concen: 54.41 ng
RT: 9.12 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:163 Resp: 1043896
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



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

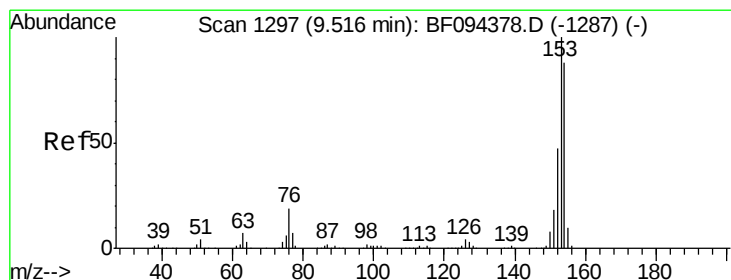
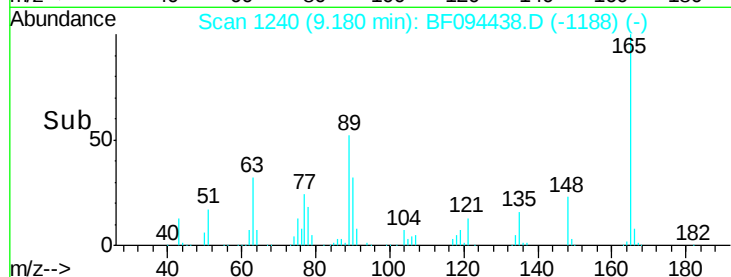
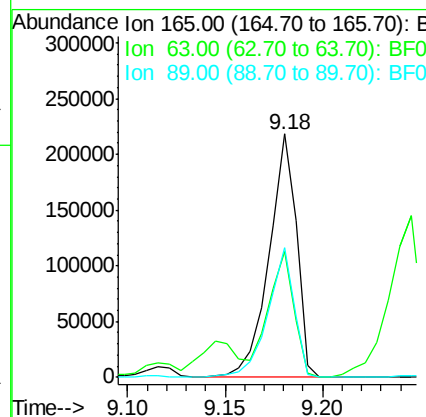
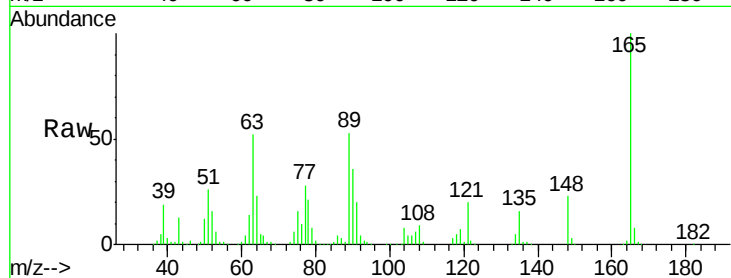




#50
 2,6-Dinitrotoluene
 Concen: 48.43 ng
 RT: 9.18 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

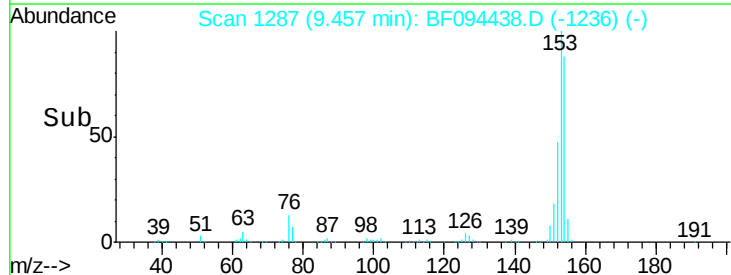
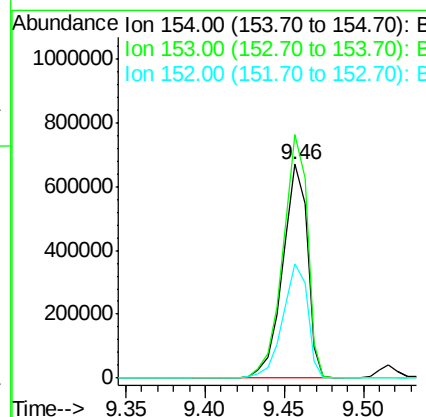
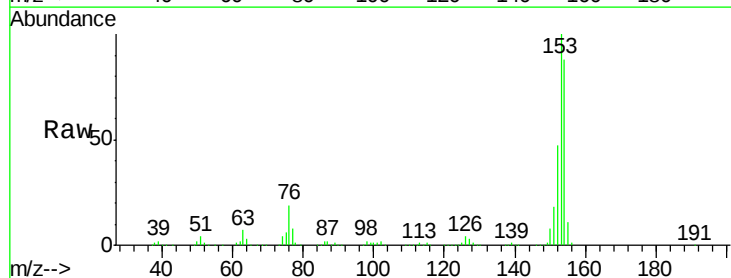
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

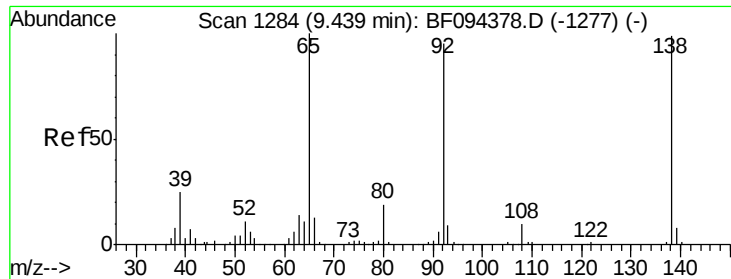
Tot Ion:165 Resp: 212988
 Ion Ratio Lower Upper
 165 100
 63 51.7 34.3 51.5#
 89 53.1 37.1 55.7



#51
 Acenaphthene
 Concen: 43.92 ng
 RT: 9.46 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:154 Resp: 725923
 Ion Ratio Lower Upper
 154 100
 153 114.0 90.5 135.7
 152 53.5 43.6 65.4

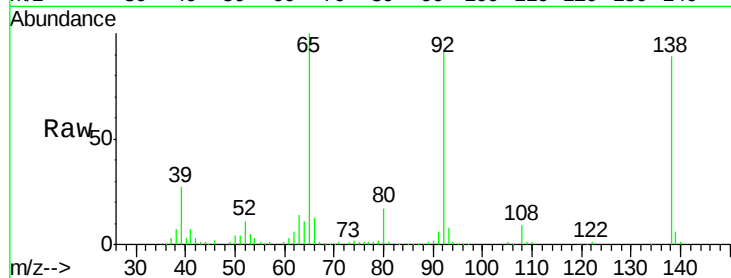




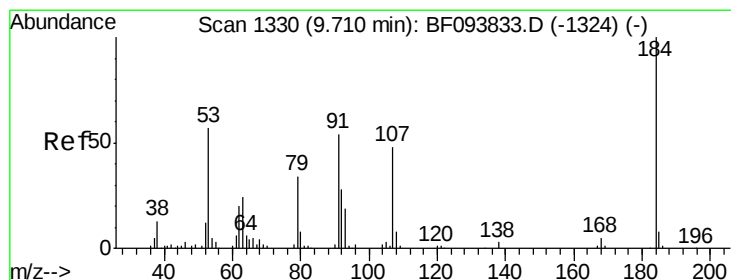
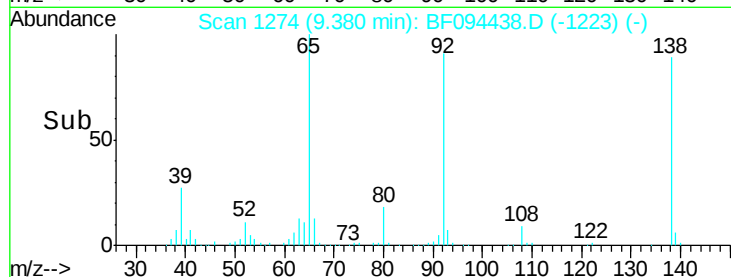
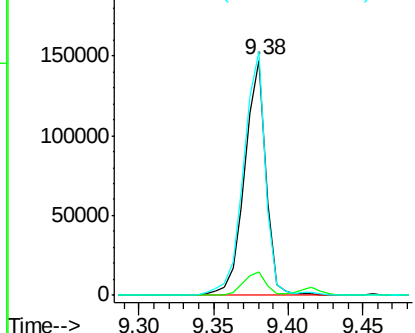
#52
 3-Nitroaniline
 Concen: 28.08 ng
 RT: 9.38 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion:138 Resp: 145042
 Ion Ratio Lower Upper
 138 100
 108 9.9 9.1 13.7
 92 103.5 93.8 140.6

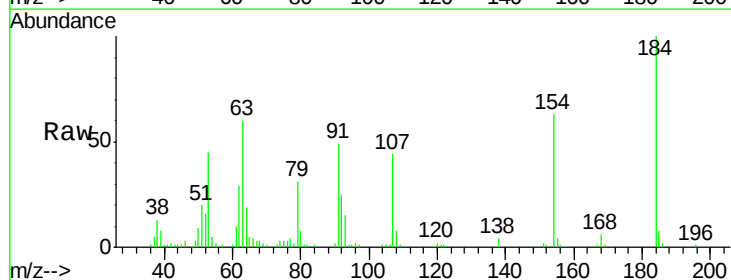


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

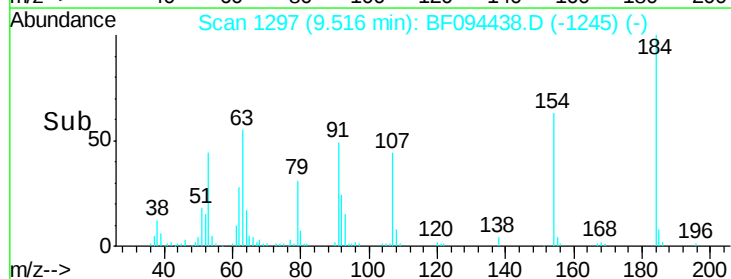
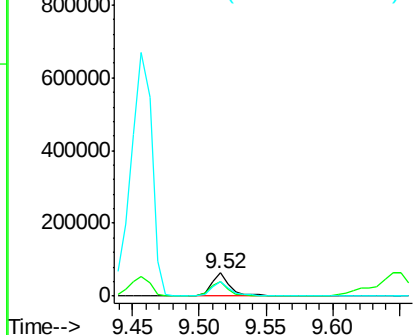


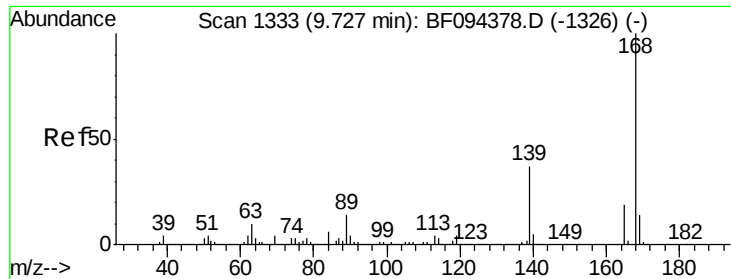
#53
 2,4-Dinitrophenol
 Concen: 30.88 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:184 Resp: 65530
 Ion Ratio Lower Upper
 184 100
 63 60.0 62.7 94.1#
 154 62.5 81.1 121.7#



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

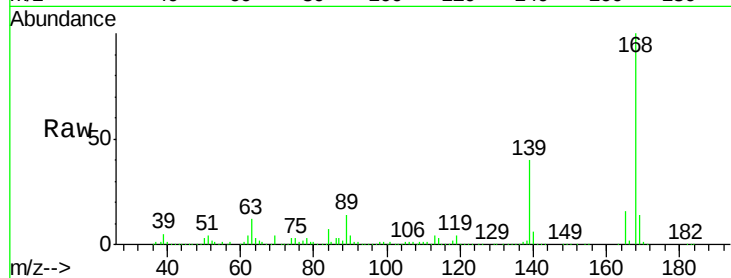




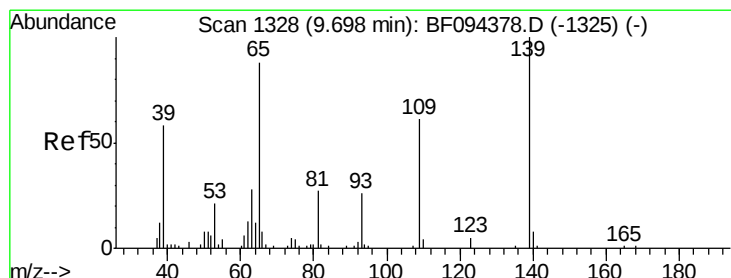
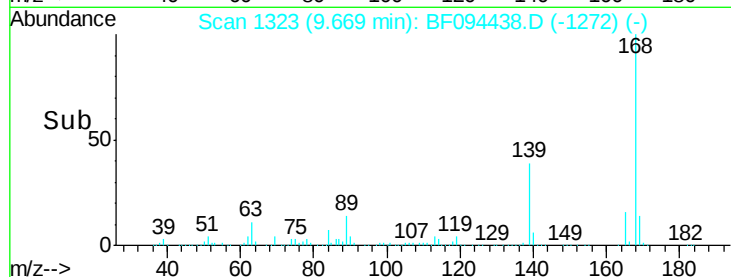
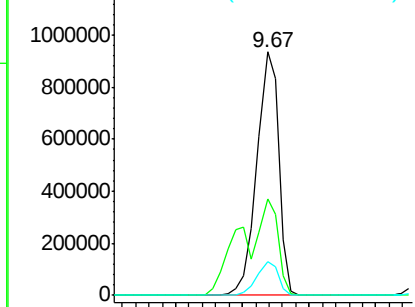
#54
Dibenzenofuran
Concen: 46.73 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:168 Resp: 1051369
Ion Ratio Lower Upper
168 100
139 39.6 30.6 45.8
169 13.7 10.8 16.2

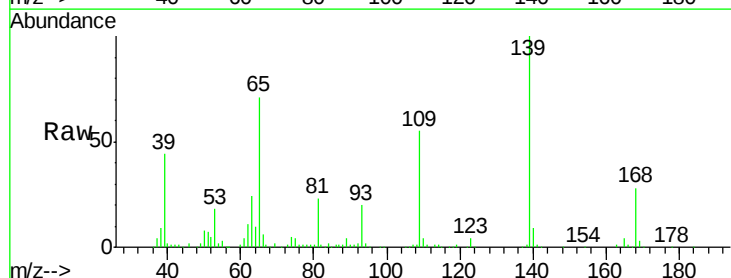


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

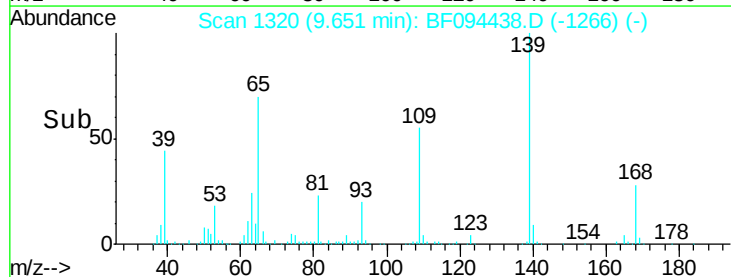
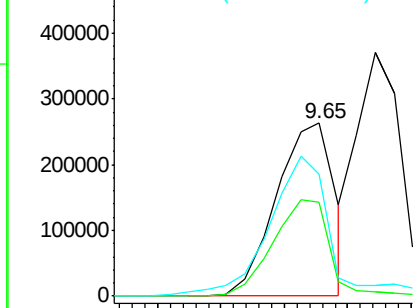


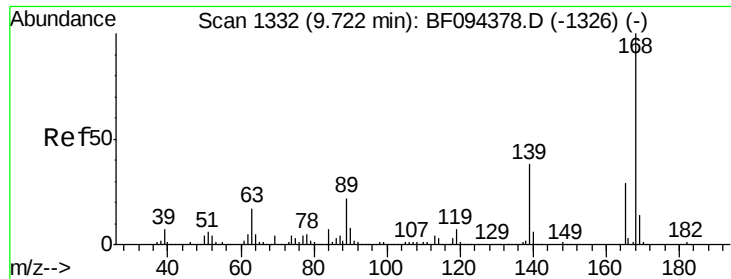
#55
4-Nitrophenol
Concen: 83.23 ng
RT: 9.65 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:139 Resp: 336637
Ion Ratio Lower Upper
139 100
109 54.6 34.1 74.1
65 70.6 31.4 71.4



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

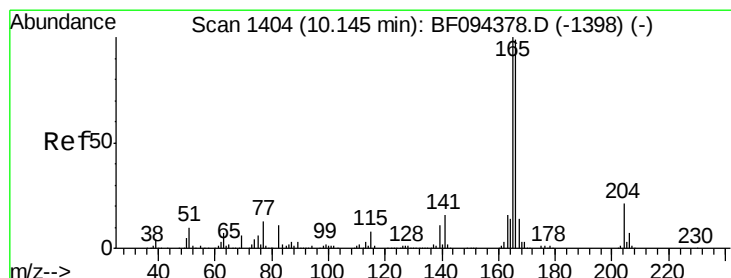
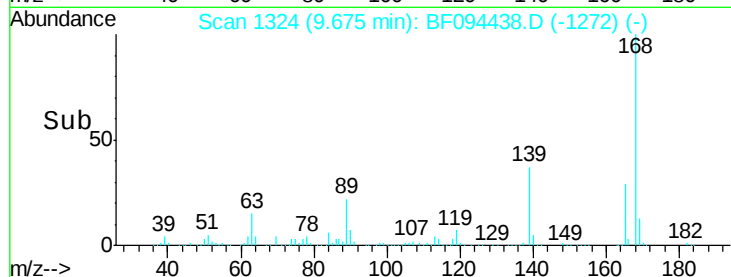
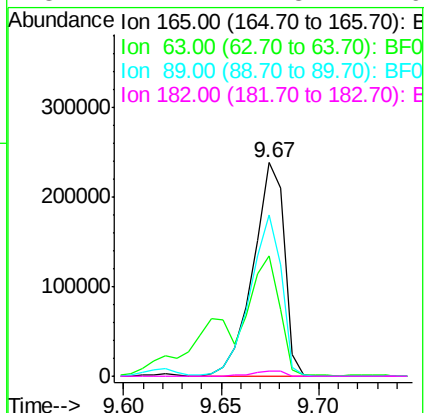
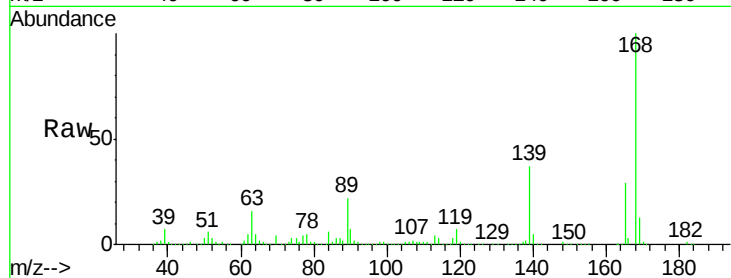




#56
 2,4-Dinitrotoluene
 Concen: 47.75 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

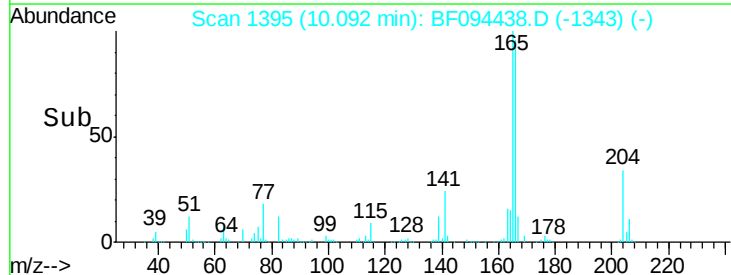
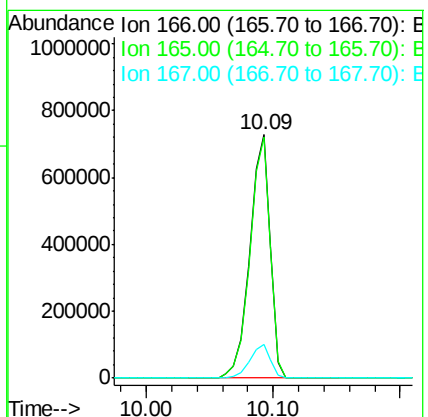
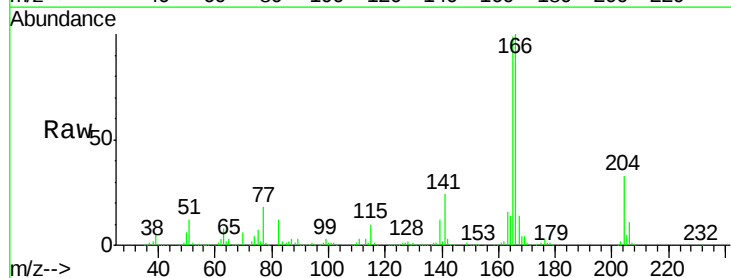
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

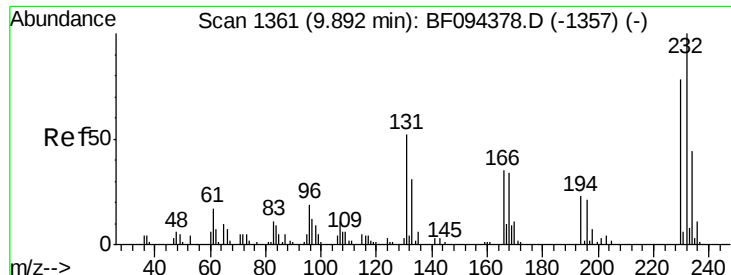
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	25.4	38.0#
89	75.8	46.4	69.6#
182	2.4	1.8	2.6



#57
 Fluorene
 Concen: 43.54 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	13.6	10.6	16.0

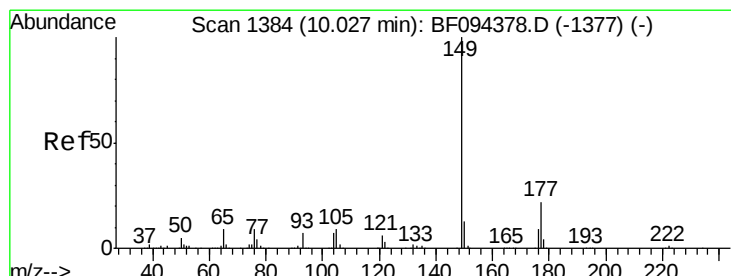
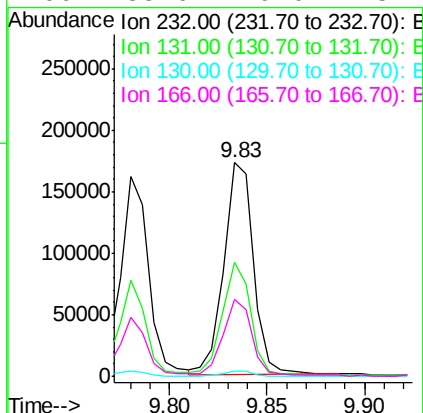
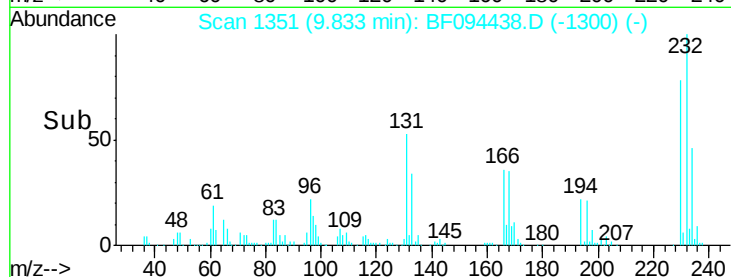
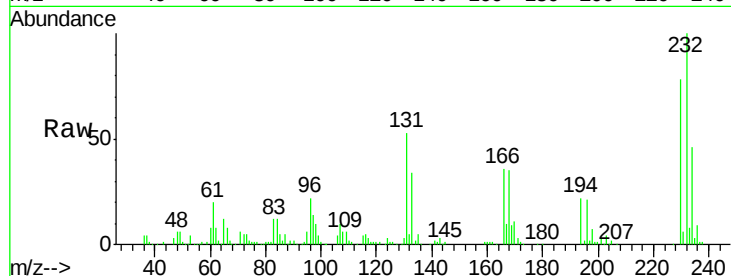




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.06 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

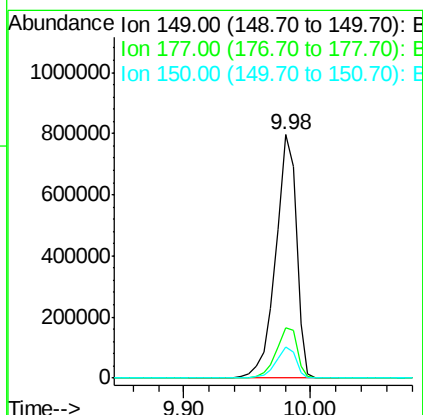
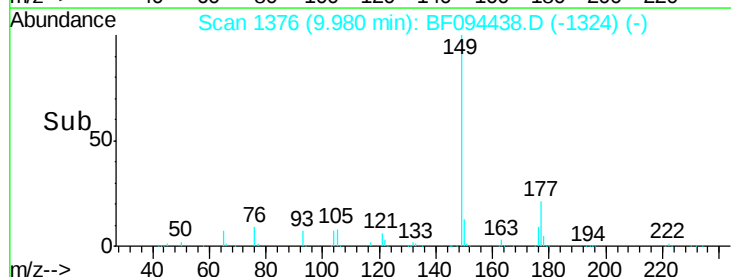
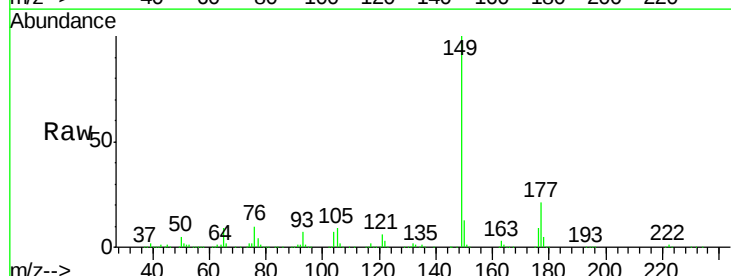
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

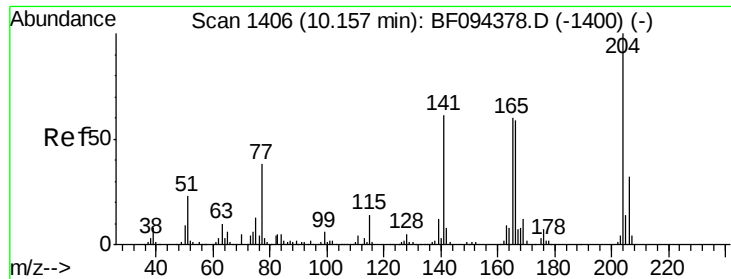
Tot Ion:	232	Resp:	182508
Ion Ratio	Lower	Upper	
232	100		
131	51.8	44.8	67.2
130	2.5	2.3	3.5
166	35.6	29.0	43.4



#59
 Diethylphthalate
 Concen: 47.35 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:	149	Resp:	897963
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.7	25.1
150	12.6	10.2	15.2

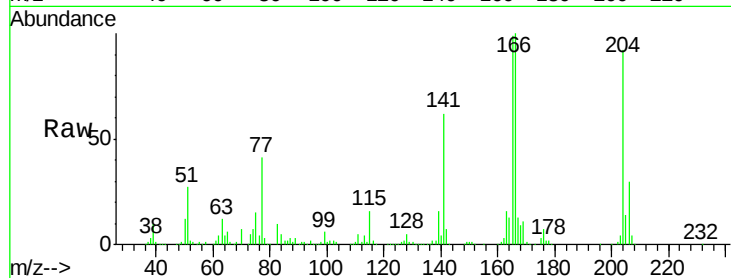




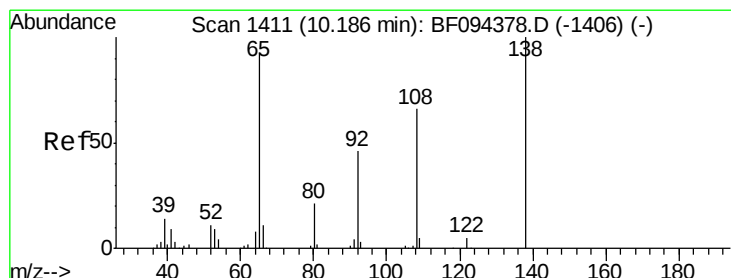
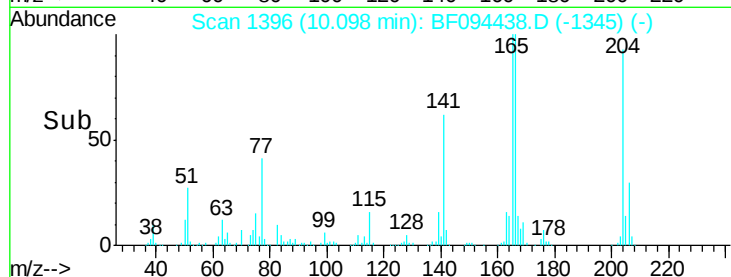
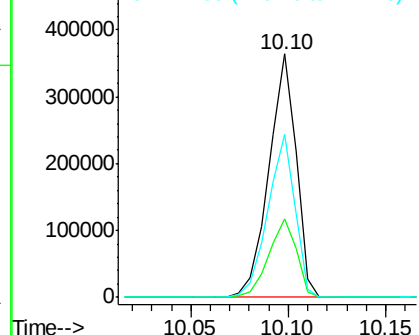
#60
4-Chlorophenyl-phenylether
Concen: 44.24 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:204 Resp: 351623
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 67.0 60.8 91.2

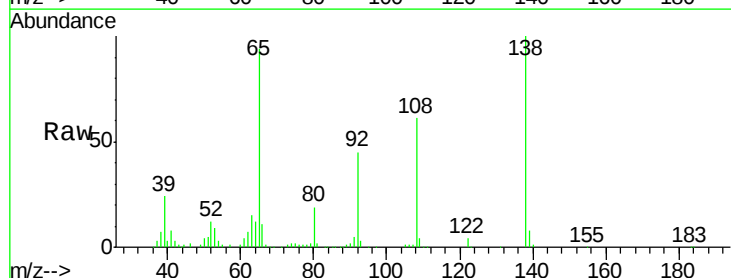


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

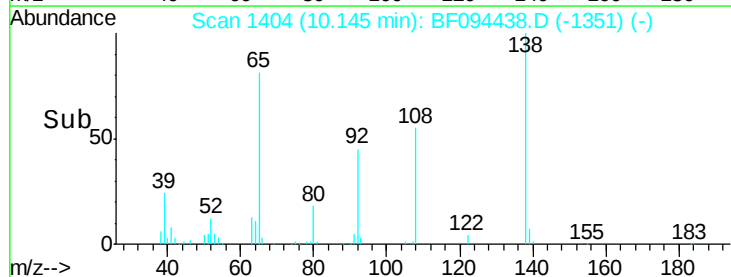
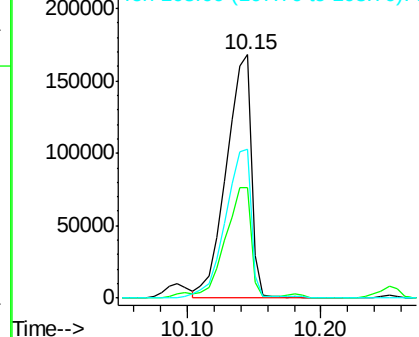


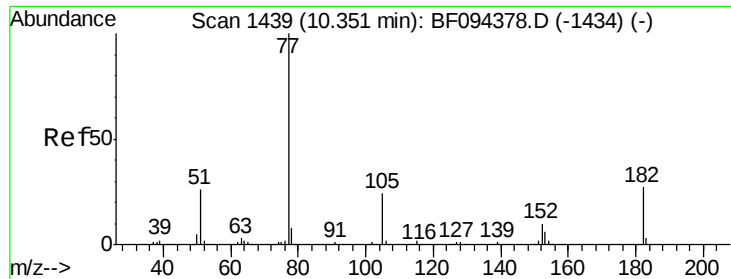
#61
4-Nitroaniline
Concen: 45.14 ng
RT: 10.15 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:138 Resp: 223720
Ion Ratio Lower Upper
138 100
92 45.4 21.8 61.8
108 61.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 47.81 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

Tot Ion: 77 Resp: 857565

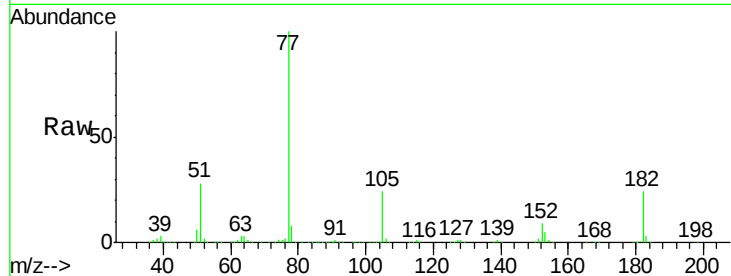
Ion Ratio Lower Upper

77 100

182 24.3 0.1 40.1

105 23.9 3.6 43.6

51 28.1 9.4 49.4

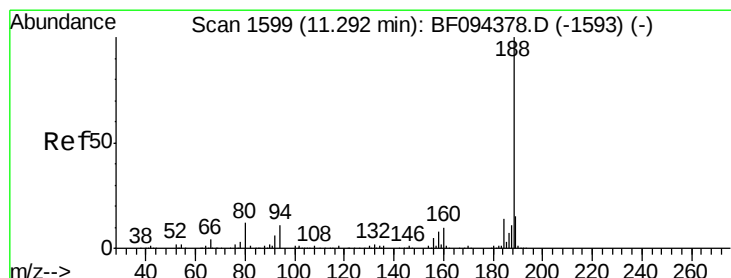
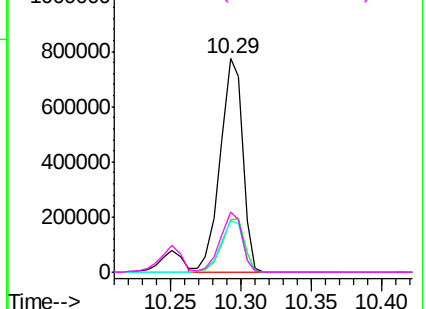
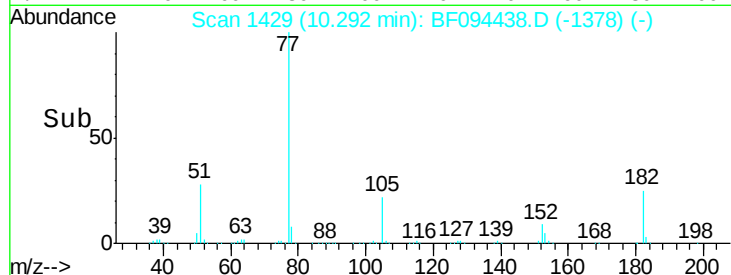


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

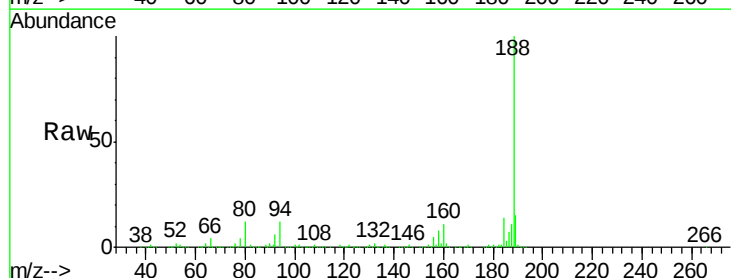
Tgt Ion: 188 Resp: 494024

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

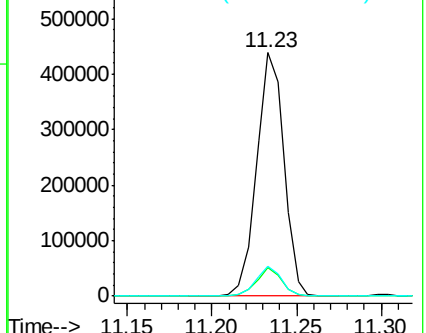
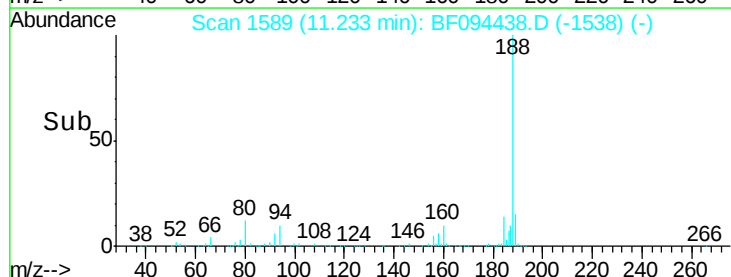
80 12.1 10.2 15.2

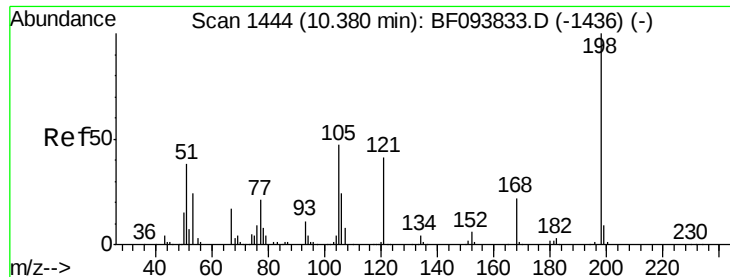


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 34.79 ng

RT: 10.18 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

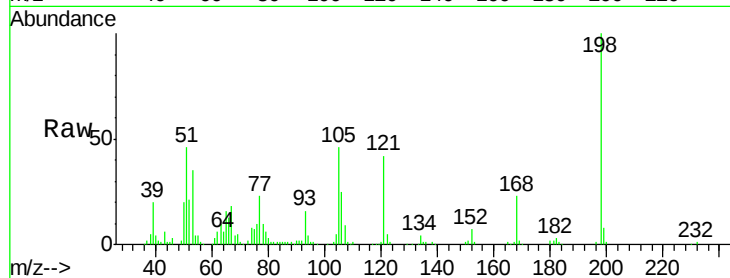
Tot Ion:198 Resp: 105265

Ion Ratio Lower Upper

198 100

51 46.1 53.2 93.2#

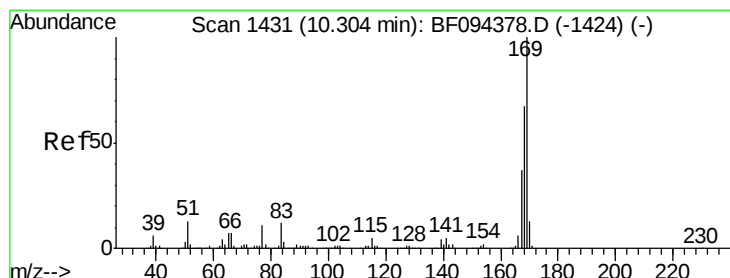
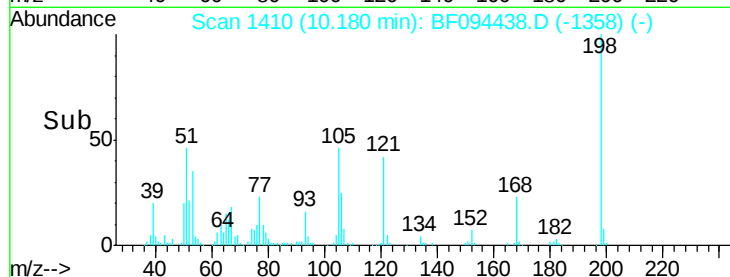
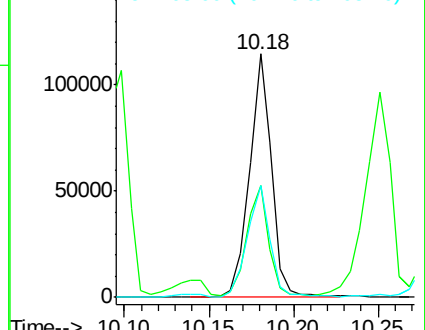
105 46.2 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.05 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

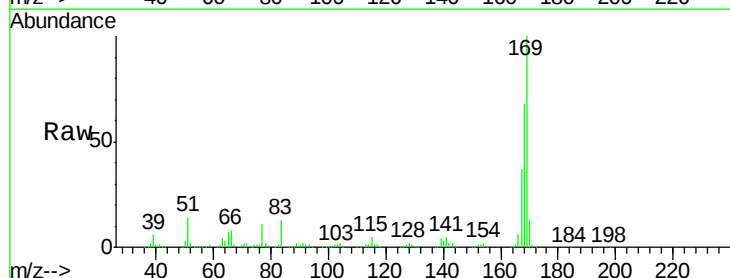
Tgt Ion:169 Resp: 769723

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

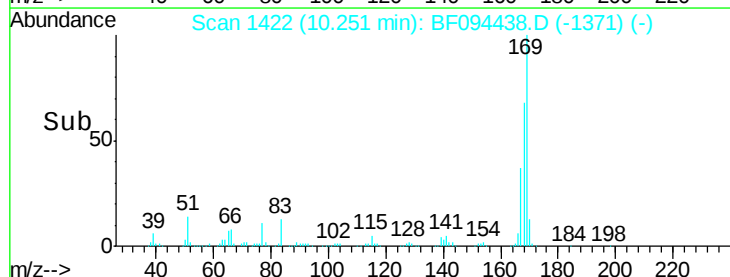
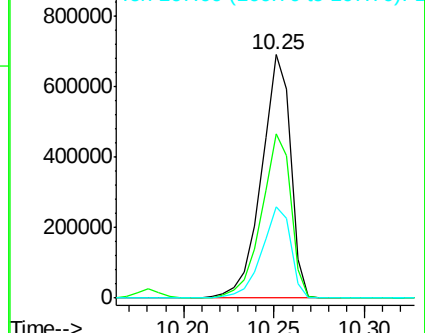
167 37.4 29.5 44.3

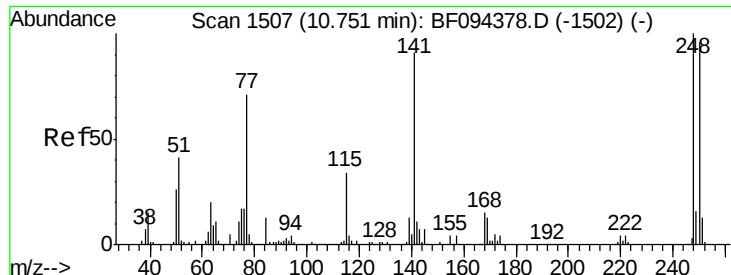


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

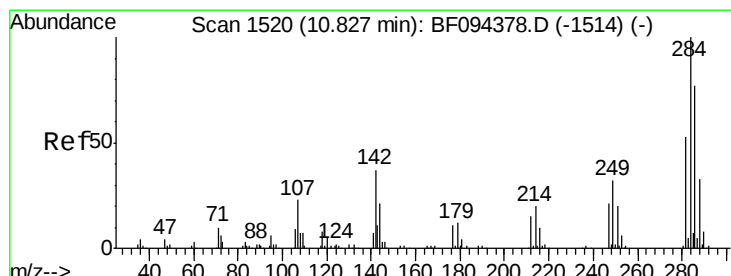
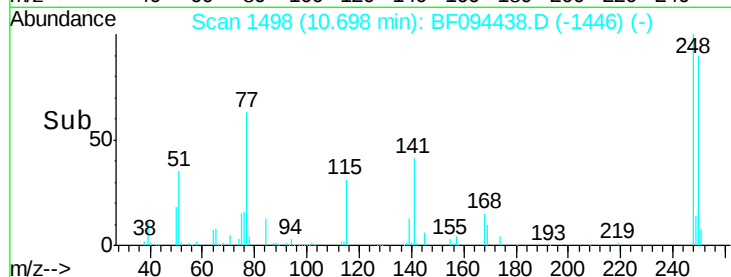
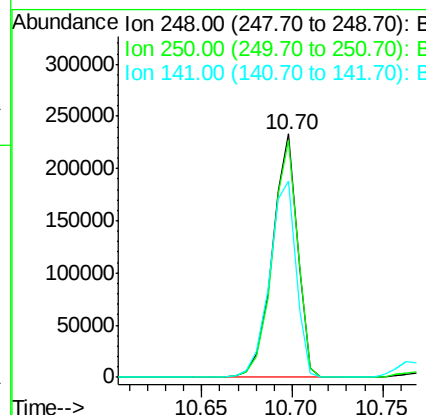
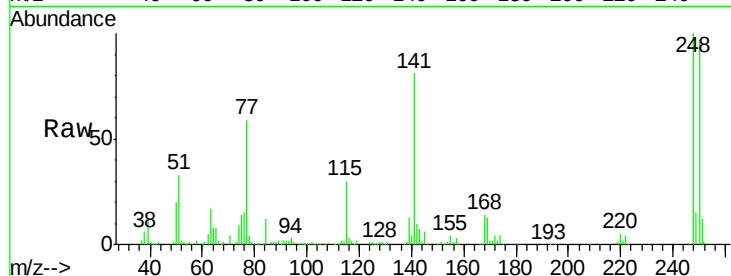




#66
4-Bromophenyl-phenylether
Concen: 46.02 ng
RT: 10.70 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

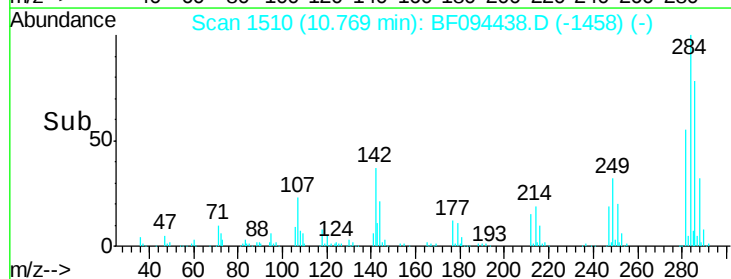
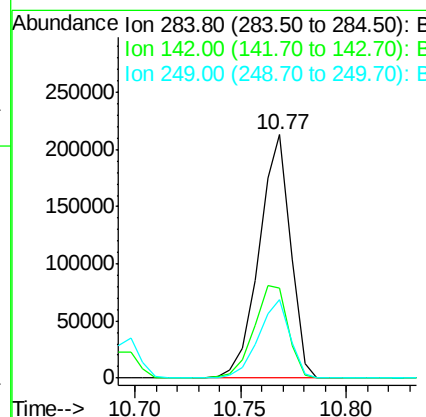
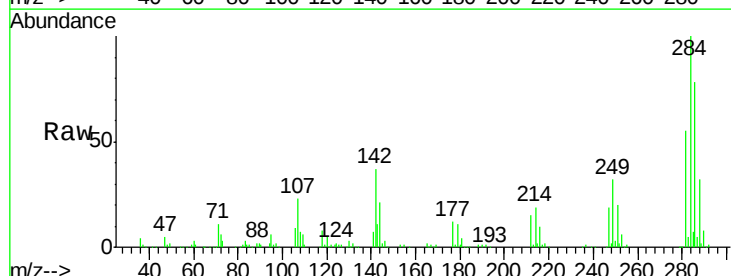
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

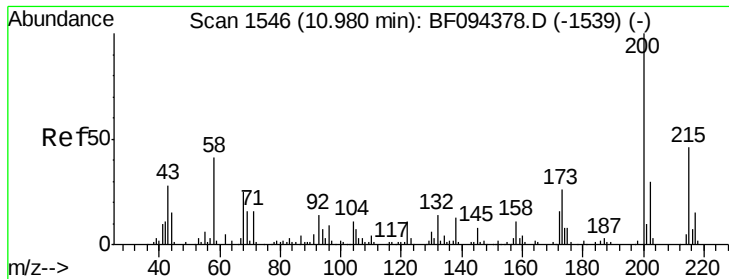
Tot Ion:248 Resp: 223577
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 80.6 68.6 103.0



#67
Hexachlorobenzene
Concen: 44.93 ng
RT: 10.77 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:284 Resp: 220990
Ion Ratio Lower Upper
284 100
142 37.0 22.8 34.2#
249 32.0 24.0 36.0

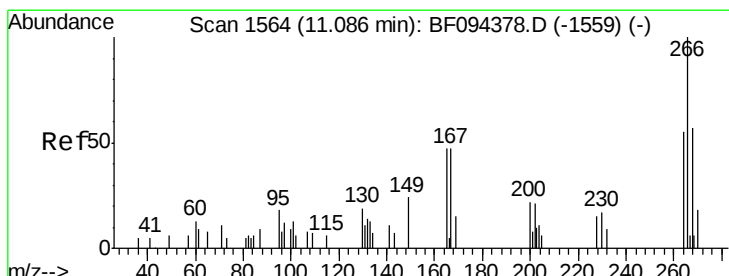
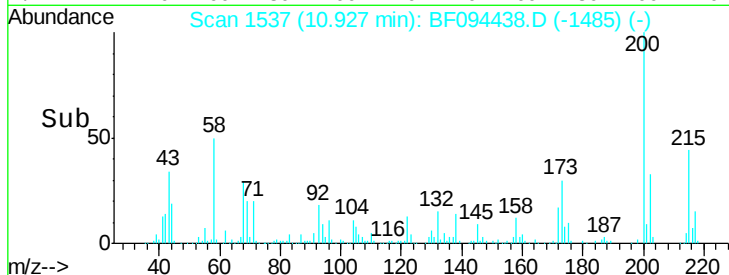
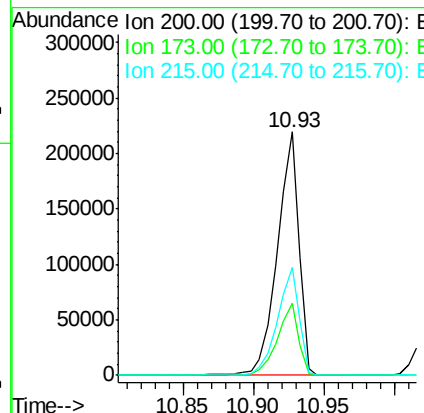
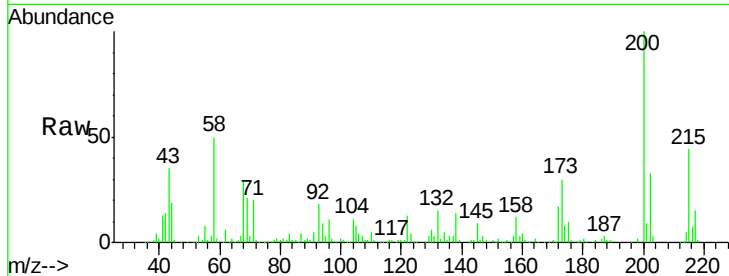




#68
Atrazine
Concen: 45.79 ng
RT: 10.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

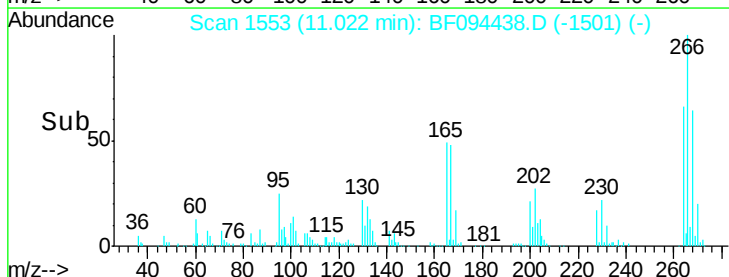
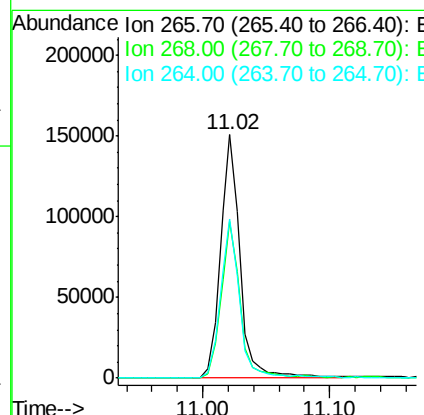
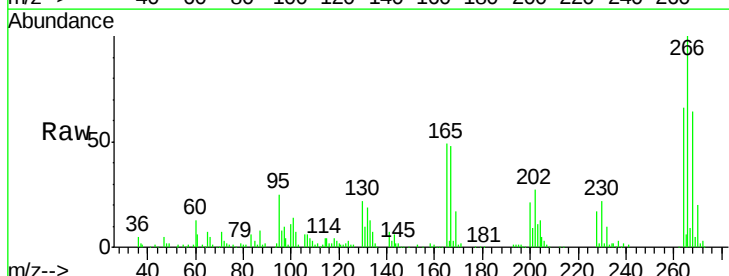
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

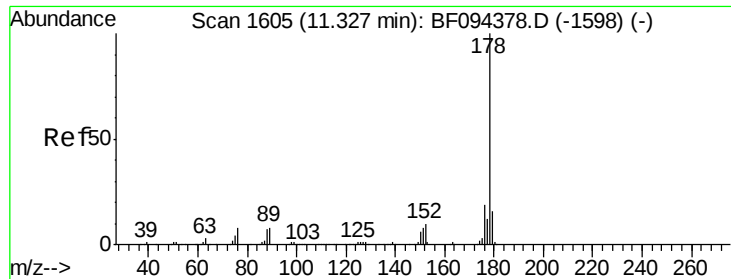
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	44.5	27.2	67.2



#69
Pentachlorophenol
Concen: 53.73 ng
RT: 11.02 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	65.5	51.7	77.5

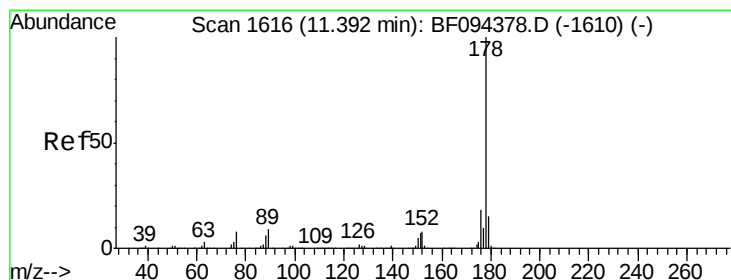
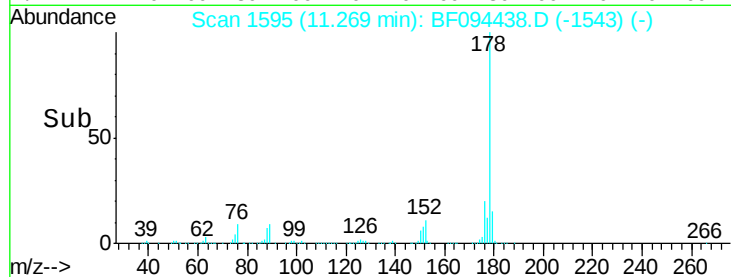
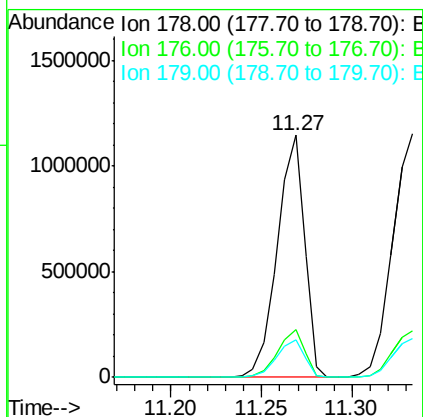
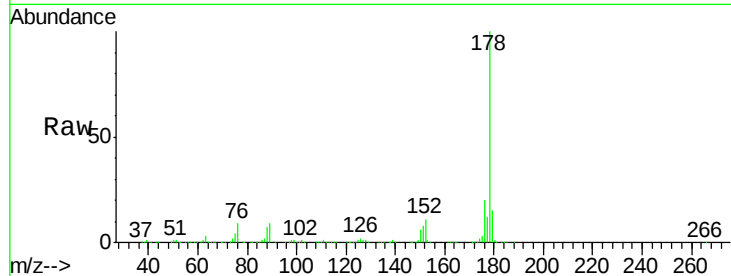




#70
Phenanthrene
Concen: 43.85 ng
RT: 11.27 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

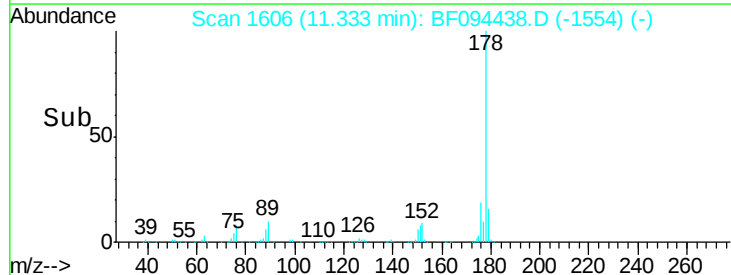
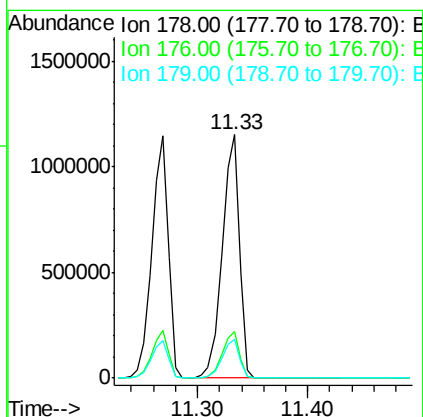
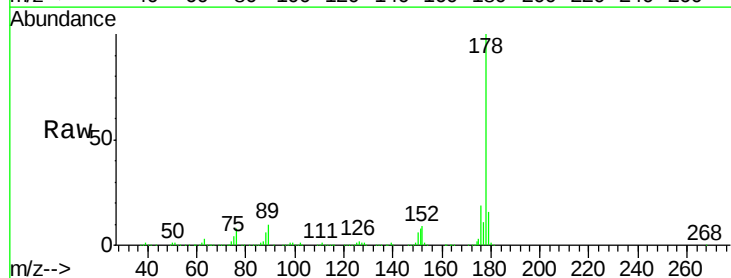
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

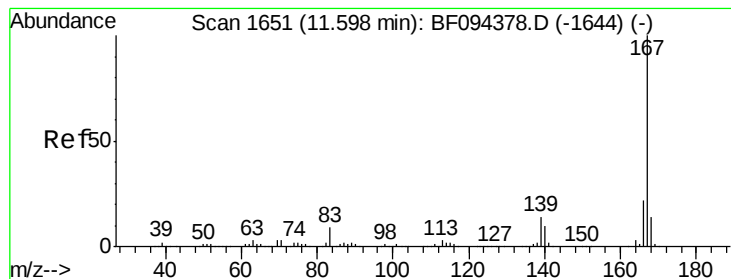
Tot Ion:178 Resp: 1205146
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.3 12.6 19.0



#71
Anthracene
Concen: 44.27 ng
RT: 11.33 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:178 Resp: 1252630
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.1 12.7 19.1





#72

Carbazole

Concen: 41.24 ng

RT: 11.54 min Scan# 1641

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

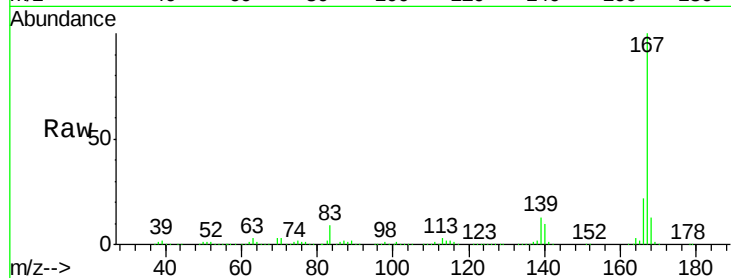
Tot Ion:167 Resp: 1196475

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

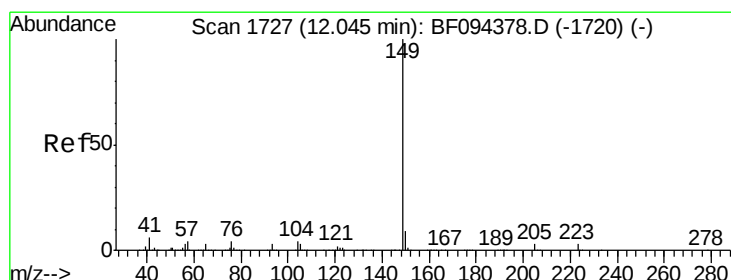
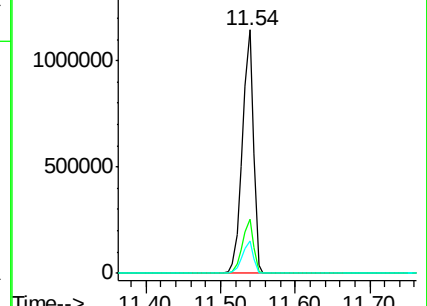
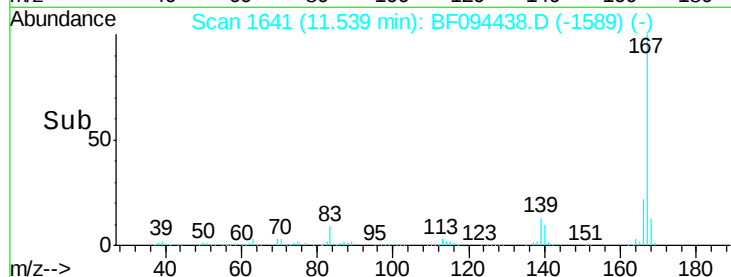
139 13.3 11.7 17.5



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: 46.80 ng

RT: 11.99 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

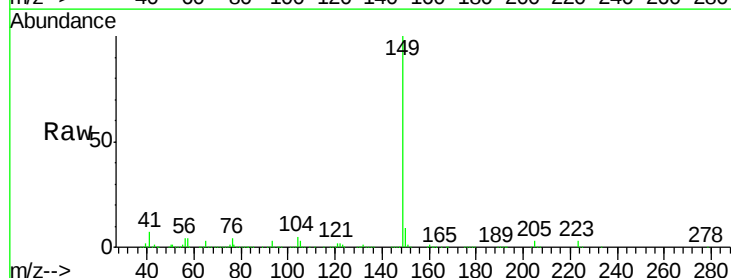
Tgt Ion:149 Resp: 1412274

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

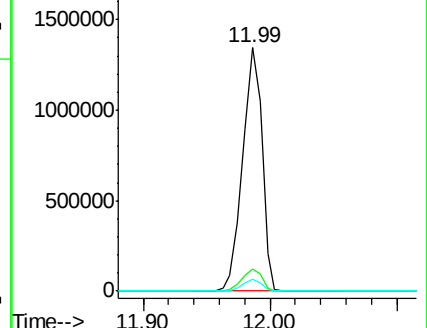
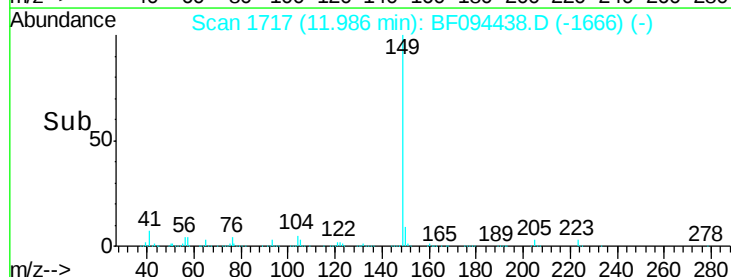
104 4.8 4.0 6.0

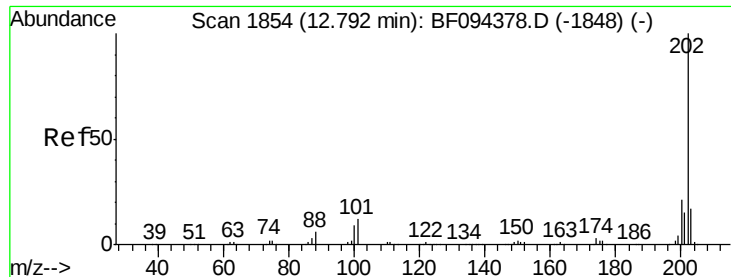


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

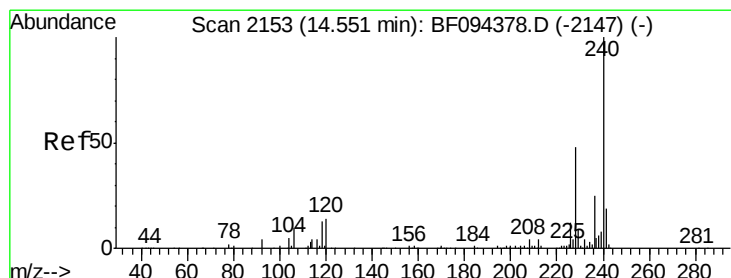
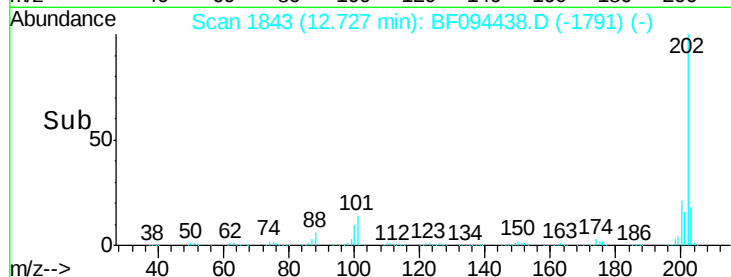
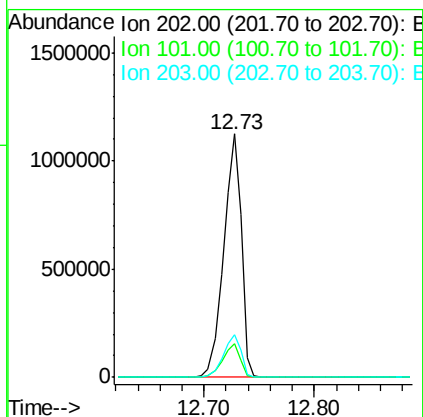
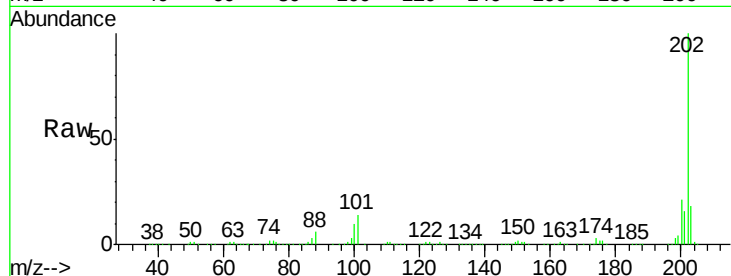




#74
 Fluoranthene
 Concen: 44.45 ng
 RT: 12.73 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

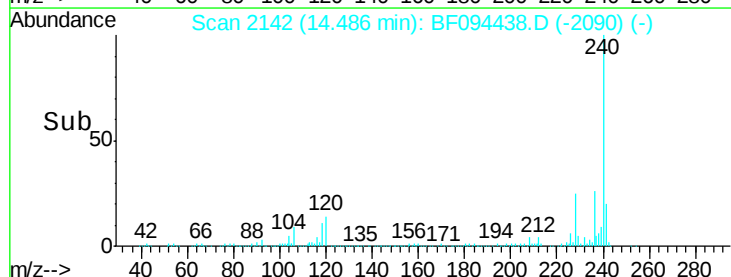
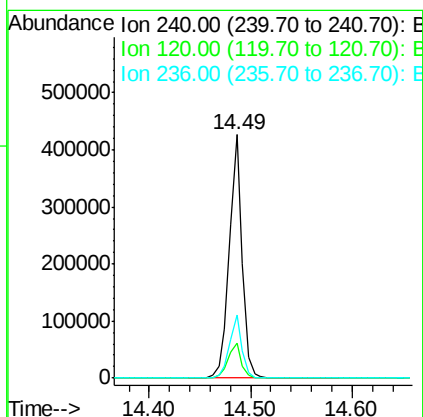
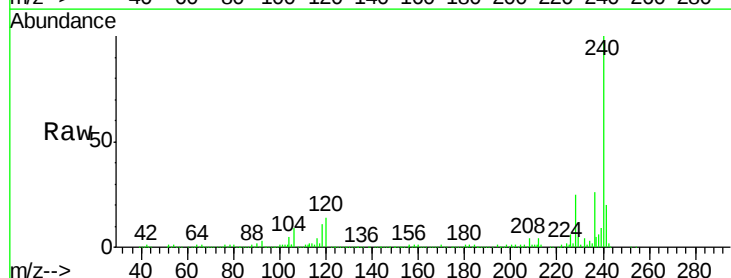
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

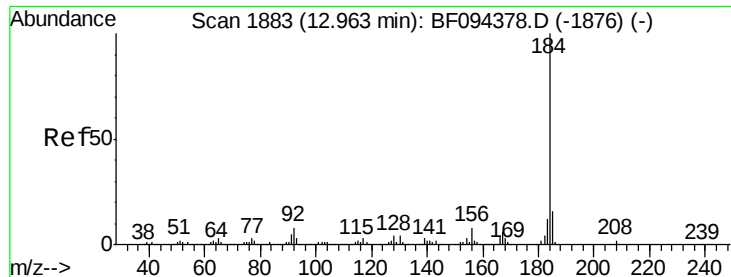
Tot Ion:202 Resp: 1250858
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 33.2
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.49 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:240 Resp: 374989
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.7 20.5 30.7





#76

Benzidine

Concen: 20.16 ng

RT: 12.90 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

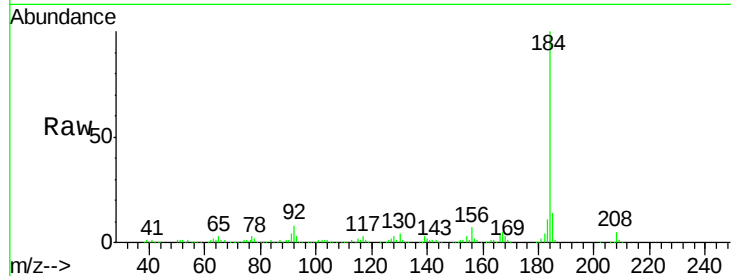
Tot Ion:184 Resp: 299158

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

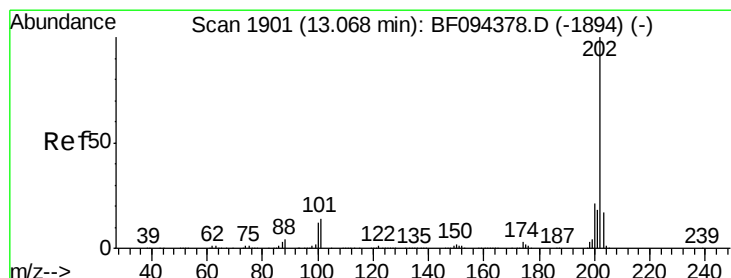
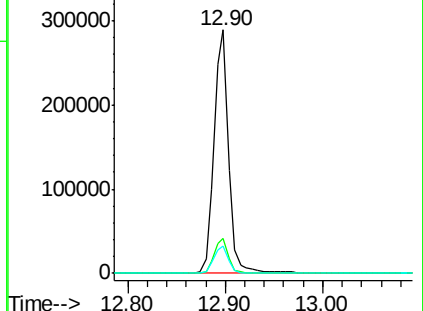
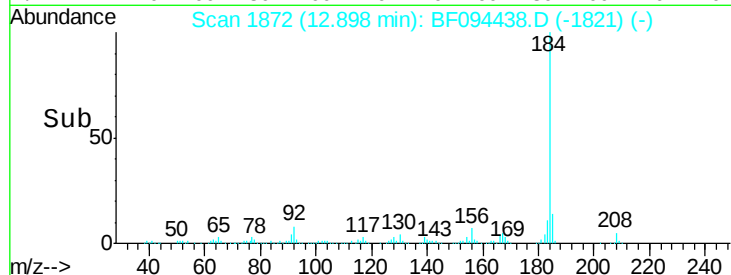
183 11.4 9.8 14.6



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: 46.01 ng

RT: 13.00 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

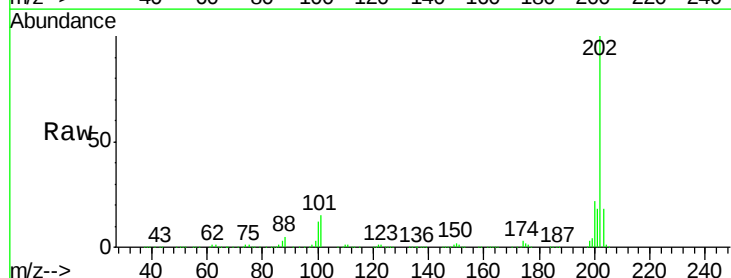
Tgt Ion:202 Resp: 1252239

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

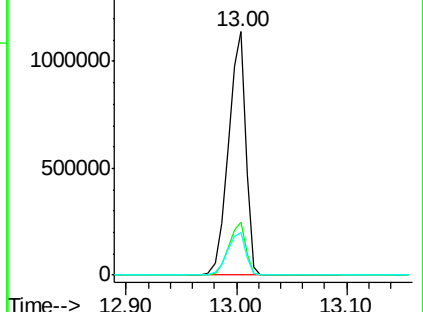
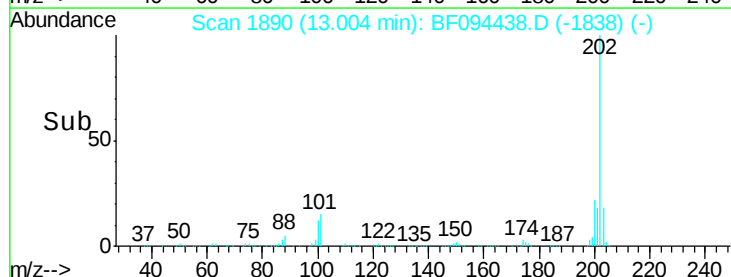
203 17.7 14.4 21.6

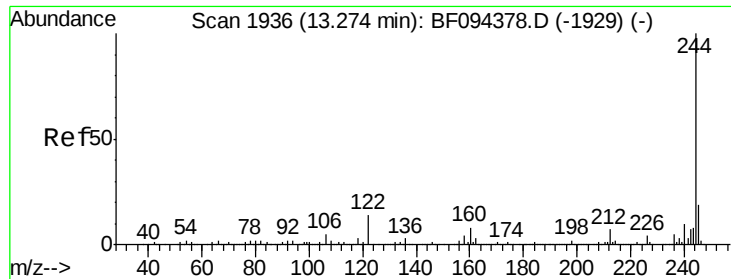


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.45 ng

RT: 13.22 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

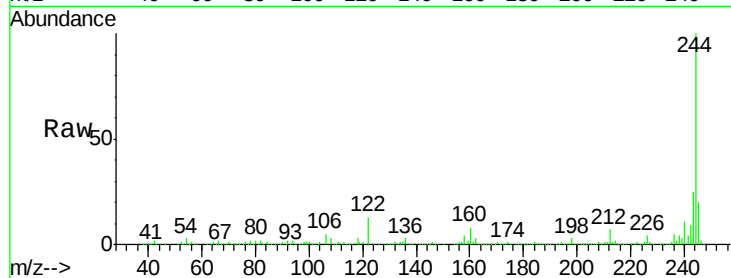
Tot Ion:244 Resp: 1312469

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

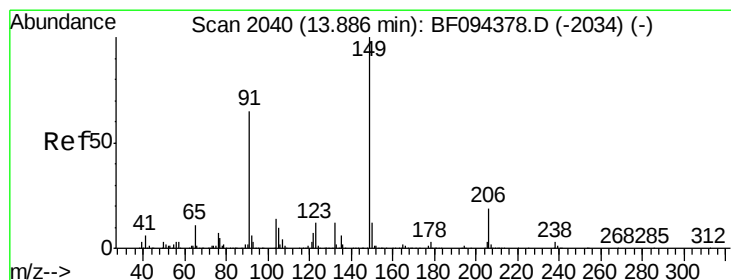
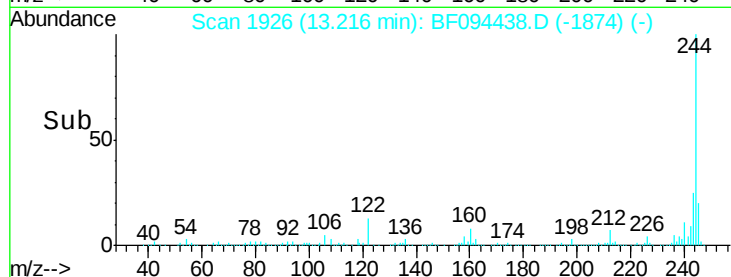
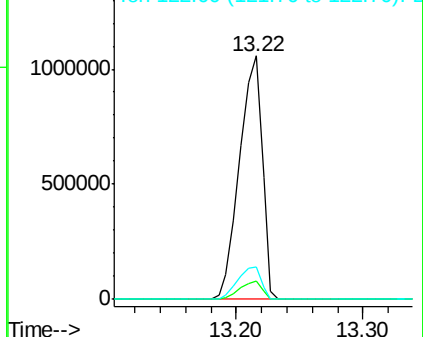
122 13.4 10.3 15.5



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: 51.66 ng

RT: 13.82 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

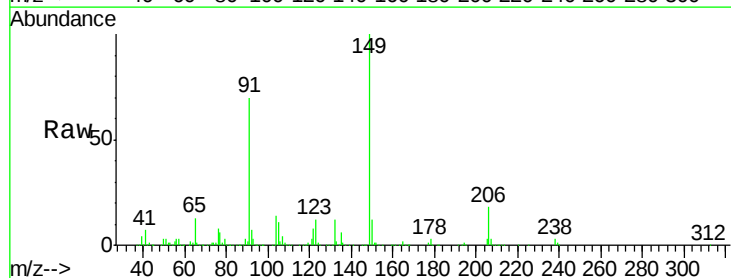
Tgt Ion:149 Resp: 598969

Ion Ratio Lower Upper

149 100

91 70.2 45.0 67.4#

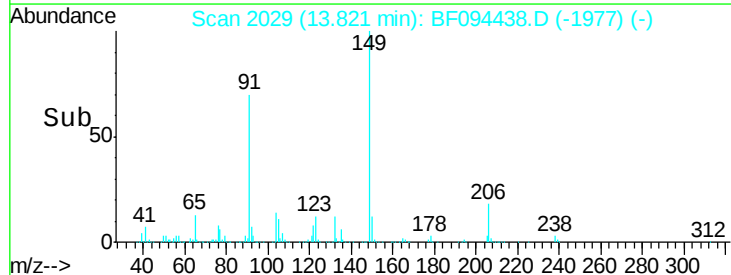
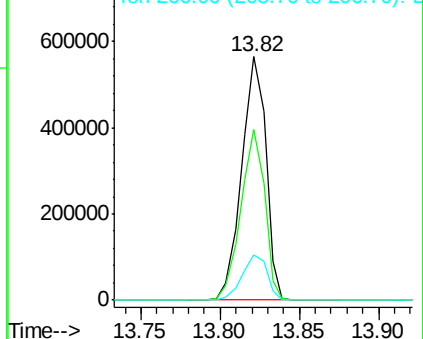
206 18.5 17.0 25.6

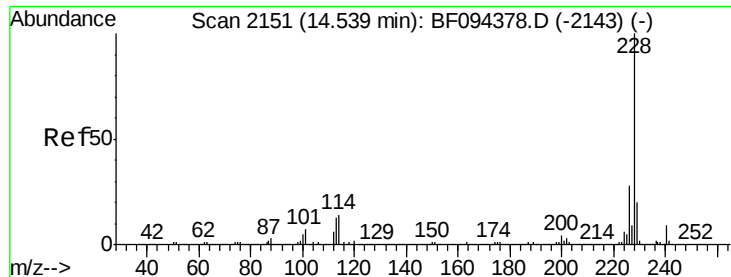


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

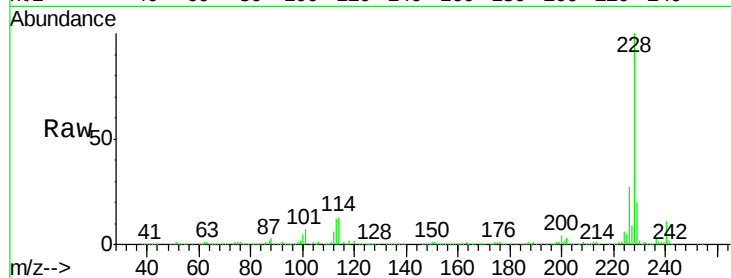




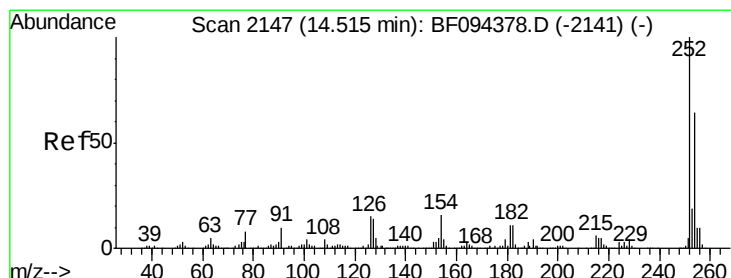
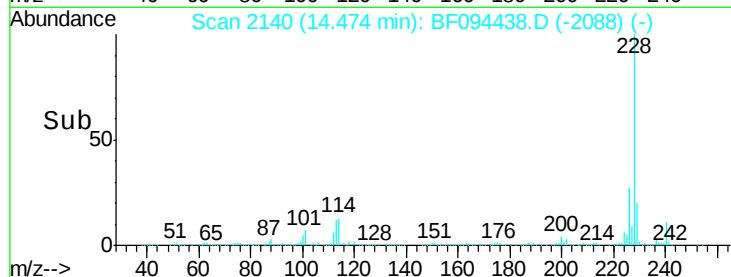
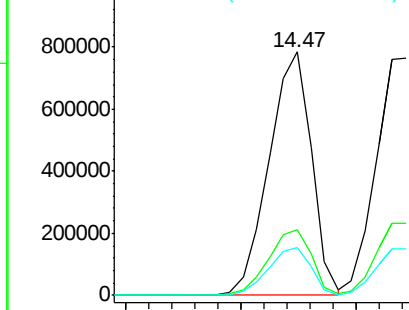
#80
Benzo(a)anthracene
Concen: 45.63 ng
RT: 14.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:228 Resp: 997853
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.5 16.3 24.5

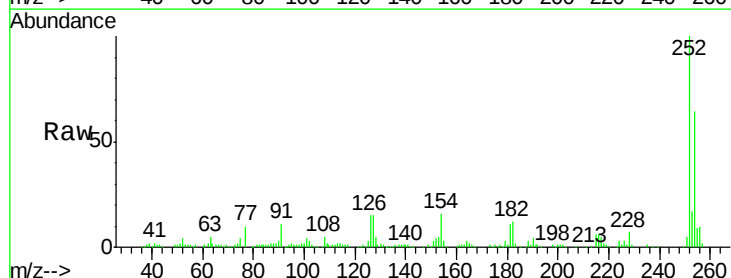


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

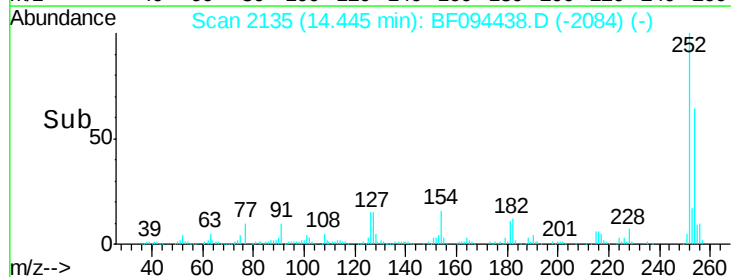
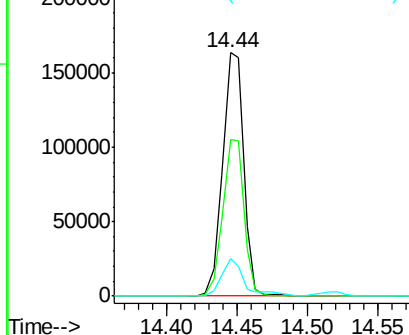


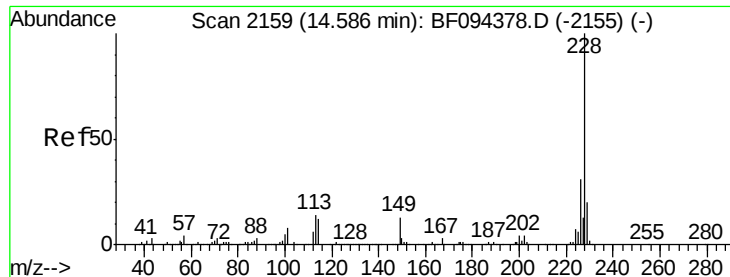
#81
3,3'-Dichlorobenzidine
Concen: 21.78 ng
RT: 14.44 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:252 Resp: 170242
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 15.4 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

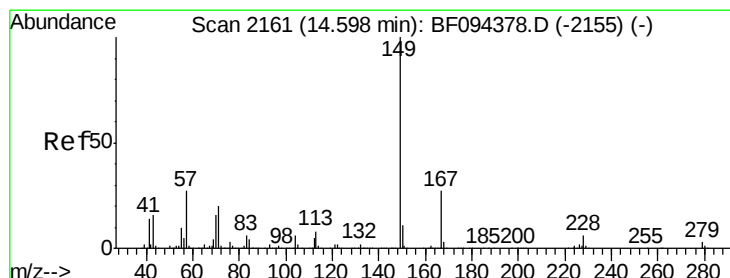
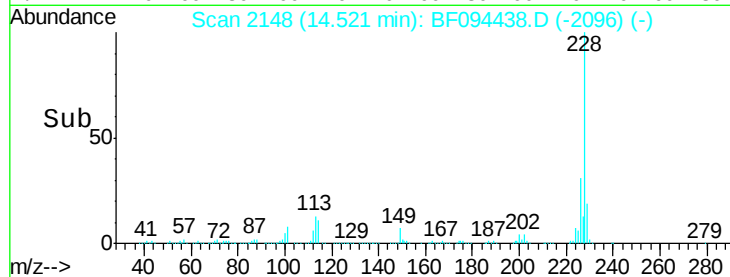
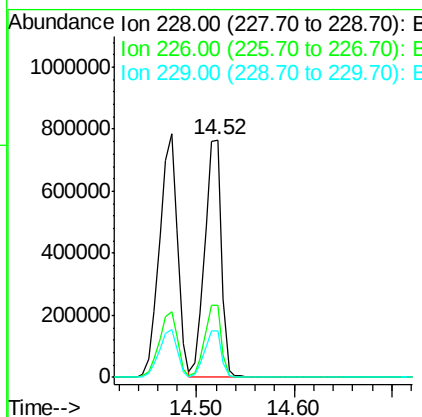
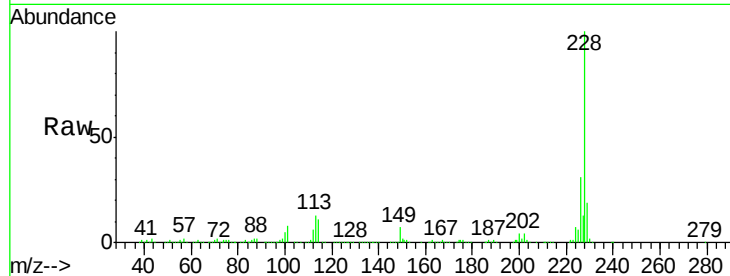




#82
 Chrysene
 Concen: 44.65 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

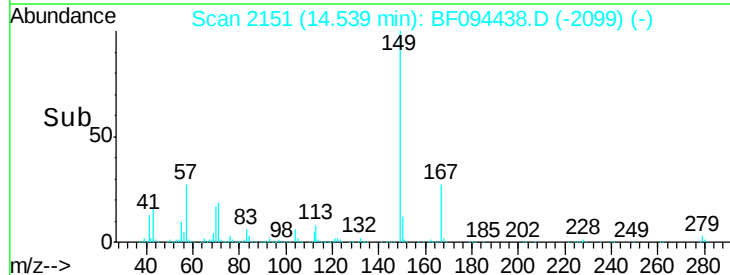
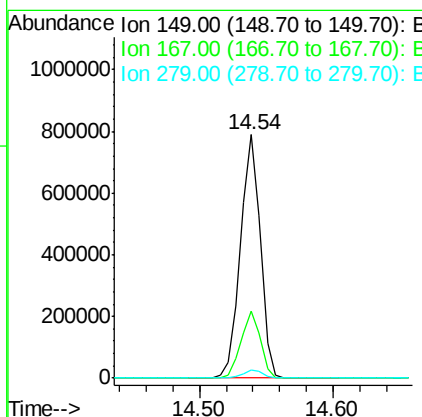
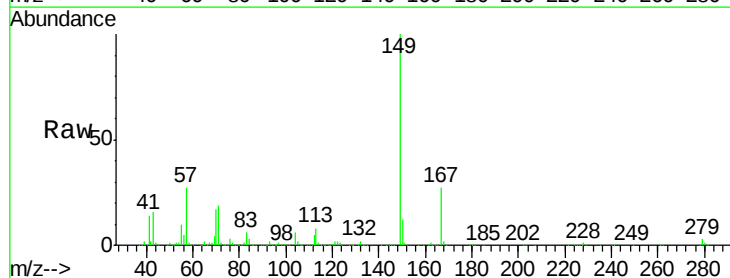
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

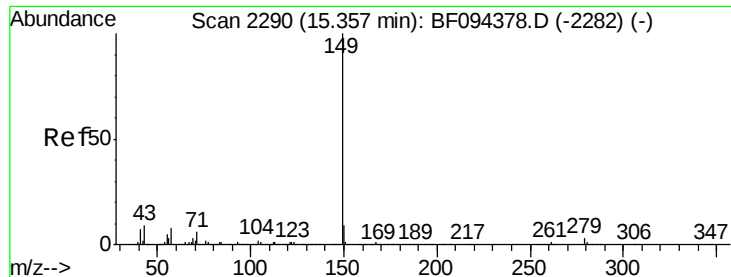
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.4	15.8	23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.64 ng
 RT: 14.54 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	3.1	1.9	2.9

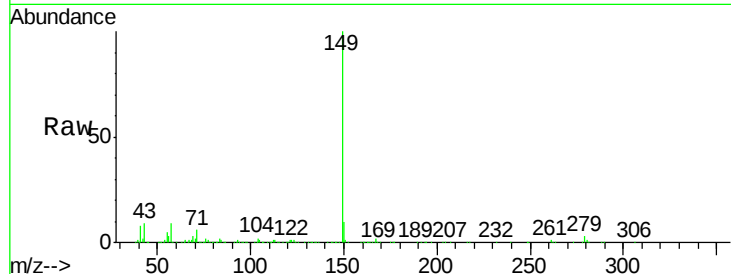




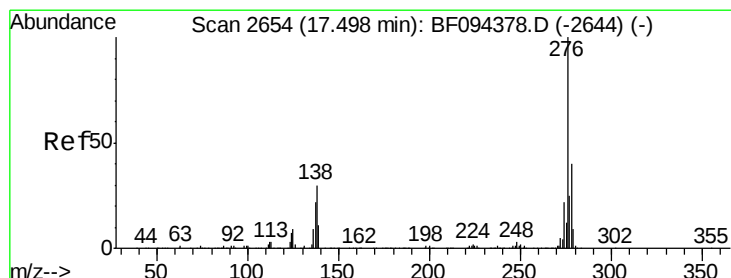
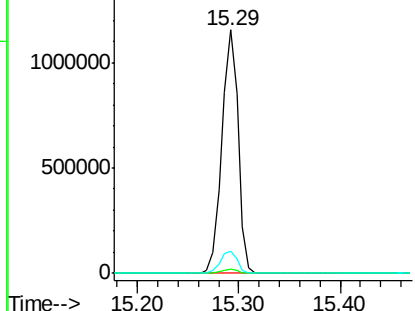
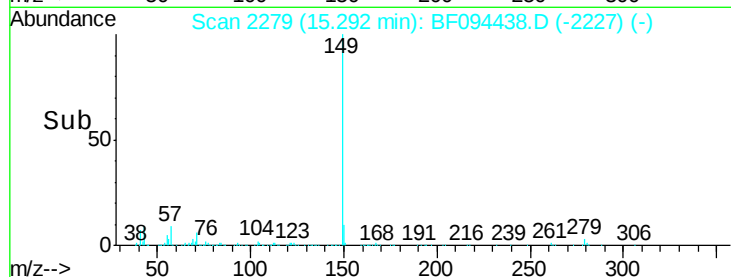
#84
 Di-n-octyl phthalate
 Concen: 48.59 ng
 RT: 15.29 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion:149 Resp: 1284127
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

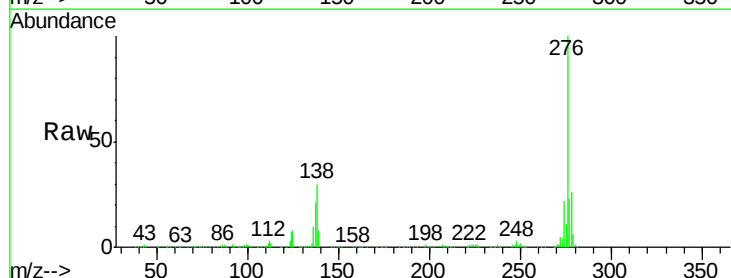


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

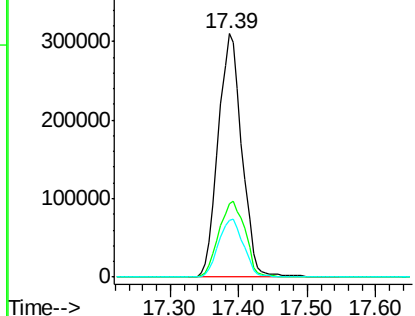
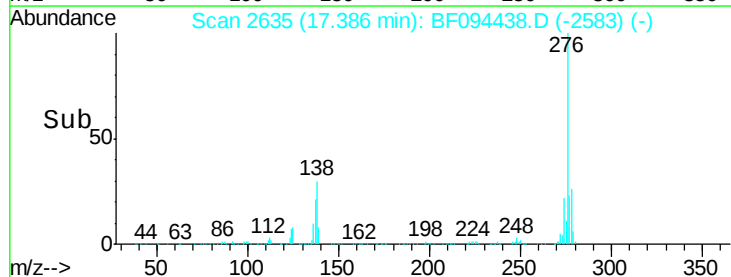


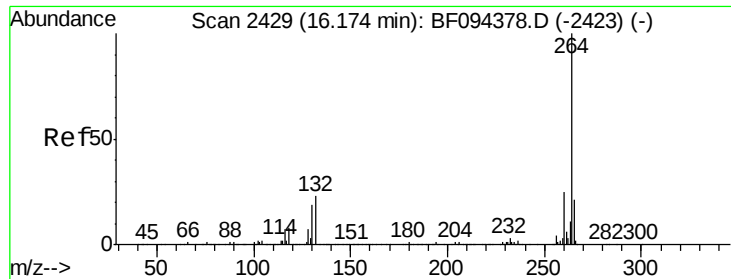
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.41 ng
 RT: 17.39 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF094438.D
 Acq: 14 Apr 2017 19:45

Tgt Ion:276 Resp: 745294
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 24.9 20.2 30.4



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

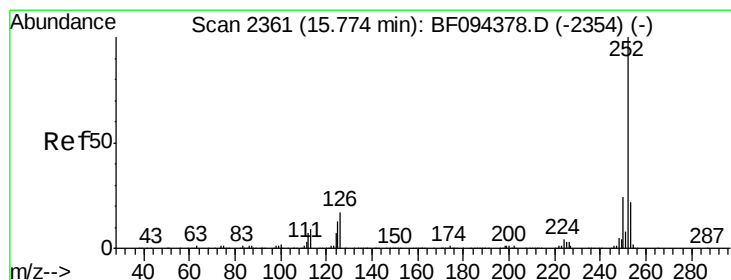
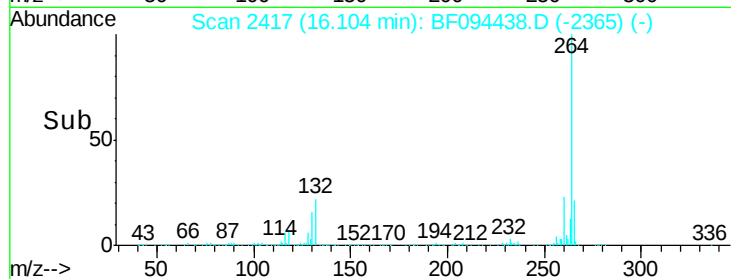
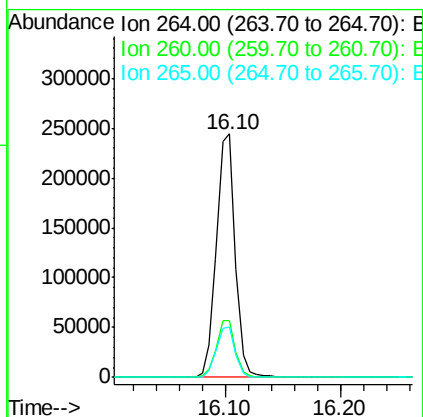
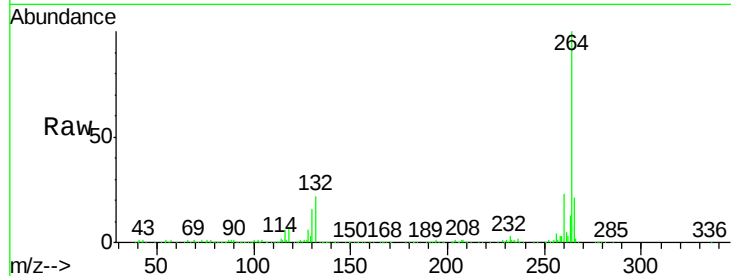




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

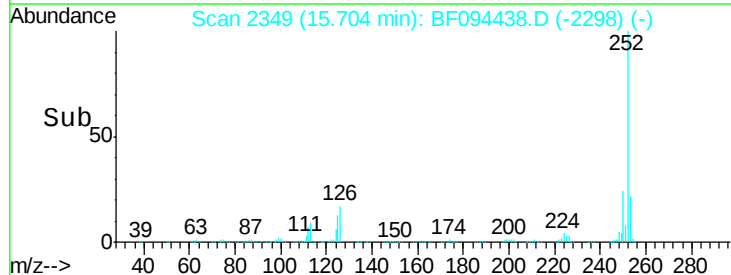
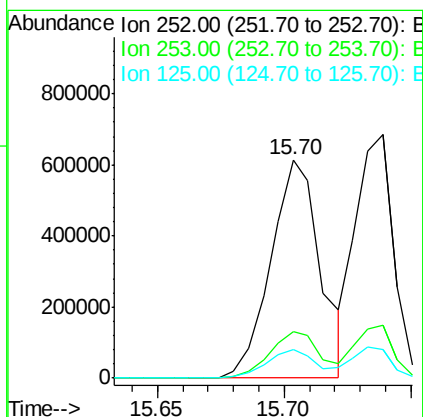
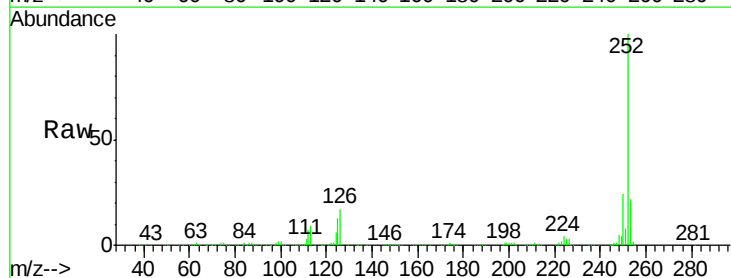
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

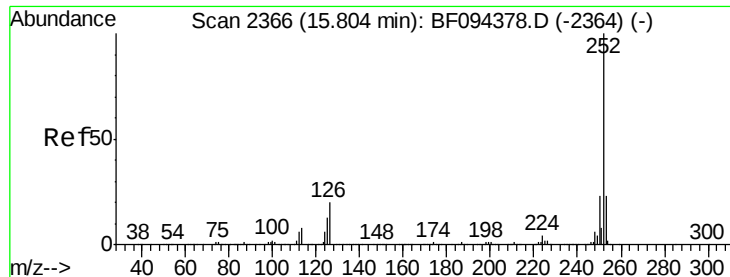
Tot Ion:264 Resp: 276336
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 49.45 ng
RT: 15.70 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:252 Resp: 837643
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.3 9.8 14.8

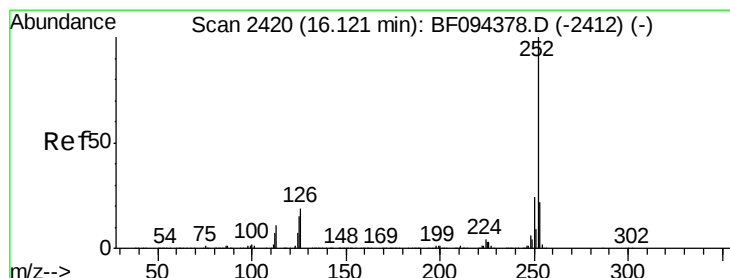
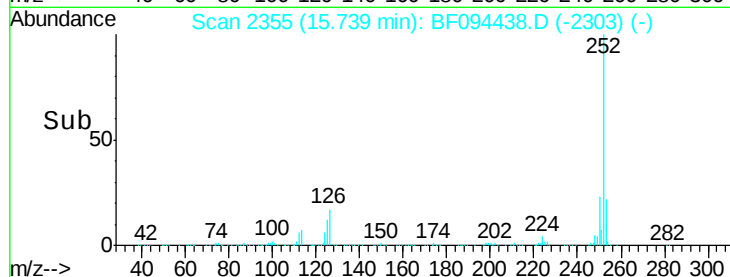
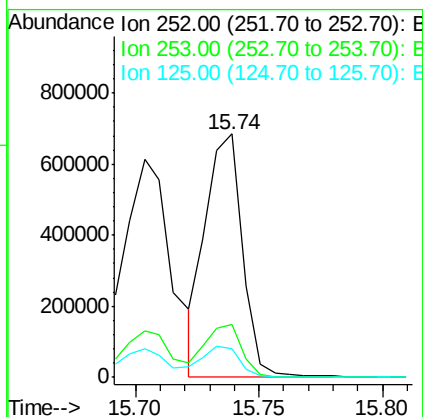
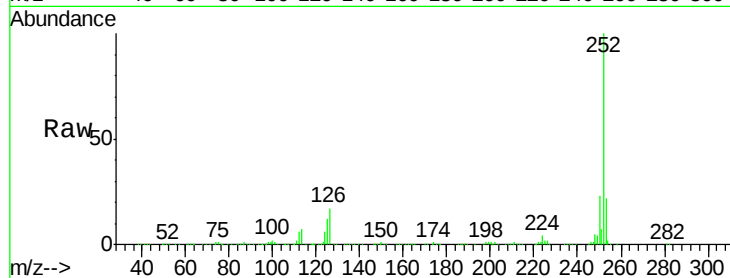




#88
Benzo(k)fluoranthene
Concen: 43.34 ng m
RT: 15.74 min Scan# 2355
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

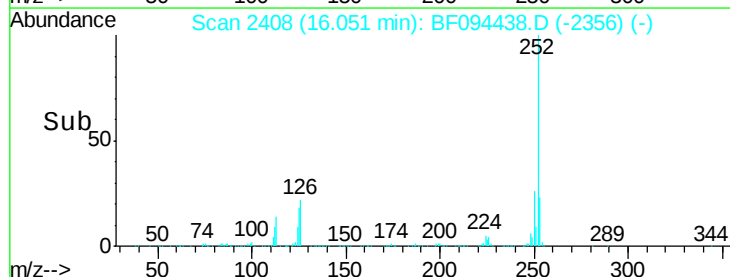
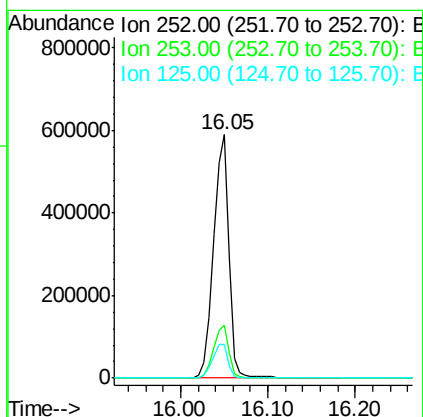
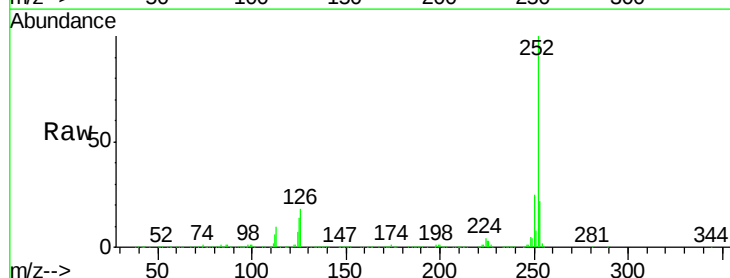
Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

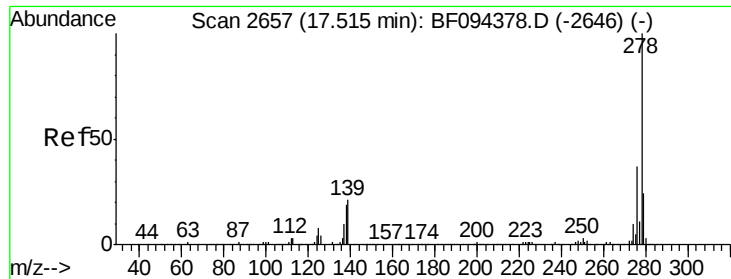
Tot Ion:252 Resp: 718331
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 11.7 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 46.23 ng
RT: 16.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094438.D
Acq: 14 Apr 2017 19:45

Tgt Ion:252 Resp: 721062
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 13.6 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 46.34 ng

RT: 17.41 min Scan# 2639

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASEMS

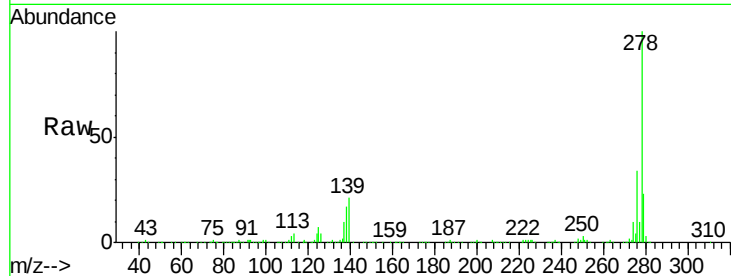
Tot Ion:278 Resp: 612198

Ion Ratio Lower Upper

278 100

139 21.4 16.6 24.8

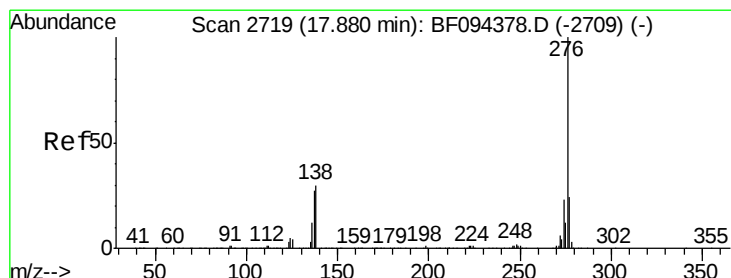
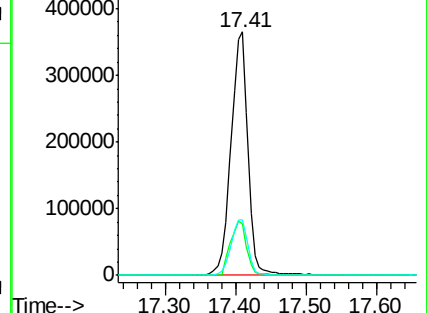
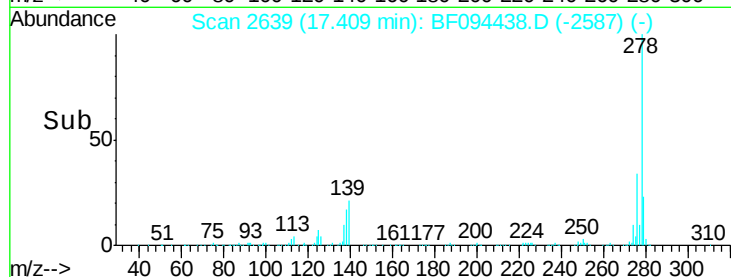
279 22.9 19.3 28.9



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: 46.88 ng

RT: 17.77 min Scan# 2700

Delta R.T. 0.01 min

Lab File: BF094438.D

Acq: 14 Apr 2017 19:45

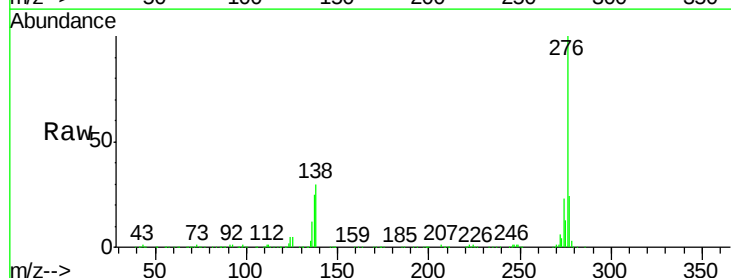
Tgt Ion:276 Resp: 624091

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.9 25.4 38.0



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

