

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094646.D
 Acq On : 26 Apr 2017 14:58
 Operator : SJ/MA
 Sample : I2805-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

Quant Time: Apr 27 08:18:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	127767	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	529862	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	248524	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	460290	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	382941	20.00	ng	0.00
86) Perylene-d12	16.08	264	240299	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	954500	123.94	ng	0.02
7) Phenol-d6	5.40	99	1159518	127.72	ng	0.00
23) Nitrobenzene-d5	6.41	82	799030	93.12	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	293049	150.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1457371	86.28	ng	0.00
78) Terphenyl-d14	13.19	244	1419354	99.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	118106	26.37	ng	96
3) Pyridine	2.68	79	292018	29.83	ng	99
4) n-Nitrosodimethylamine	2.62	42	157893	38.98	ng	85
6) Aniline	5.40	93	121781	10.09	ng	# 3
8) 2-Chlorophenol	5.53	128	386594	44.12	ng	97
9) Benzaldehyde	5.26	77	71377	10.33	ng	96
10) Phenol	5.41	94	419560	37.62	ng	91
11) bis(2-Chloroethyl)ether	5.47	93	363136	44.57	ng	99
12) 1,3-Dichlorobenzene	5.69	146	390000	40.17	ng	98
13) 1,4-Dichlorobenzene	5.78	146	393434	40.28	ng	96
14) 1,2-Dichlorobenzene	5.95	146	367711	40.87	ng	96
15) Benzyl Alcohol	5.94	79	257643	38.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	469464	43.95	ng	51
17) 2-Methylphenol	6.08	107	306544	44.41	ng	# 91
18) Hexachloroethane	6.34	117	136415	40.74	ng	# 87
19) n-Nitroso-di-n-propylamine	6.25	70	285261	47.42	ng	93
20) 3+4-Methylphenols	6.27	107	432294	46.09	ng	# 63
22) Acetophenone	6.24	105	562560	43.66	ng	# 85
24) Nitrobenzene	6.43	77	400012	44.27	ng	95
25) Isophorone	6.72	82	736976	46.33	ng	95
26) 2-Nitrophenol	6.80	139	223061	45.95	ng	95
27) 2,4-Dimethylphenol	6.88	122	353740	44.86	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	457459	44.46	ng	98
29) 2,4-Dichlorophenol	7.11	162	346037	47.17	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	318386	41.98	ng	98
31) Naphthalene	7.28	128	1091396	42.85	ng	100
32) Benzoic acid	7.08	122	186788	44.79	ng	95
33) 4-Chloroaniline	7.36	127	53112	5.01	ng	# 93
34) Hexachlorobutadiene	7.43	225	161307	42.66	ng	98
35) Caprolactam	7.84	113	100213m	43.48	ng	
36) 4-Chloro-3-methylphenol	7.98	107	366255	47.64	ng	89
37) 2-Methylnaphthalene	8.12	142	787618	45.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	299031	42.25	ng	99
40) Hexachlorocyclopentadiene	8.31	237	274558	95.90	ng	99

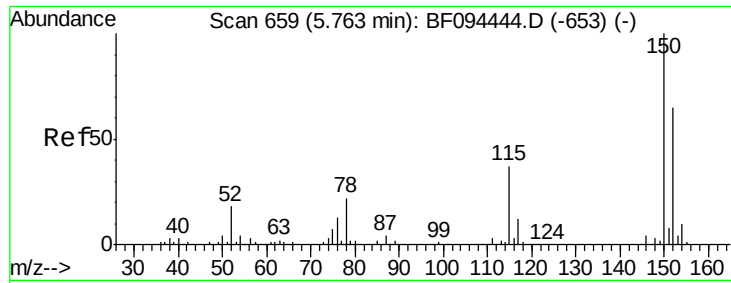
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	232540	46.79	nq	97
43) 2,4,5-Trichlorophenol	8.54	196	243356	47.68	nq	93
45) 1,1'-Biphenyl	8.69	154	879620	43.32	nq	98
46) 2-Chloronaphthalene	8.71	162	710297	43.99	nq	96
47) 2-Nitroaniline	8.85	65	211447	45.53	nq	# 85
48) Acenaphthylene	9.21	152	1100737	43.73	nq	98
49) Dimethylphthalate	9.09	163	926083	50.00	nq	100
50) 2,6-Dinitrotoluene	9.16	165	201465	48.46	nq	97
51) Acenaphthene	9.42	154	672441	44.61	nq	99
52) 3-Nitroaniline	9.35	138	51708	10.75	nq	88
53) 2,4-Dinitrophenol	9.51	184	189958	83.91	nq	# 62
54) Dibenzofuran	9.64	168	991683	45.26	nq	98
55) 4-Nitrophenol	9.64	139	402542m	118.47	nq	
56) 2,4-Dinitrotoluene	9.65	165	267718	52.48	nq	# 84
57) Fluorene	10.06	166	763169	44.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	180735	49.41	nq	97
59) Diethylphthalate	9.95	149	868058	49.67	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	332666	46.85	nq	95
61) 4-Nitroaniline	10.12	138	155192	31.74	nq	97
62) Azobenzene	10.27	77	813455	47.94	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	138124	45.80	nq	# 71
65) n-Nitrosodiphenylamine	10.22	169	514132	32.12	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	214826	47.00	nq	98
67) Hexachlorobenzene	10.74	284	215031	46.68	nq	# 84
68) Atrazine	10.90	200	114075	23.82	nq	97
69) Pentachlorophenol	11.00	266	208038	113.75	nq	98
70) Phenanthrene	11.24	178	1162715	44.86	nq	99
71) Anthracene	11.30	178	1212861	45.24	nq	99
72) Carbazole	11.51	167	797073	31.67	nq	98
73) Di-n-butylphthalate	11.96	149	1382106	49.88	nq	99
74) Fluoranthene	12.70	202	1214654	45.21	nq	99
77) Pyrene	12.98	202	1215801	45.44	nq	99
79) Butylbenzylphthalate	13.79	149	613299	52.31	nq	# 85
80) Benzo(a)anthracene	14.45	228	1033351	46.43	nq	98
81) 3,3'-Dichlorobenzidine	14.42	252	26551	3.37	nq	# 92
82) Chrysene	14.49	228	931076	45.77	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	872801	55.44	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1469877	55.66	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	735602	38.01	nq	99
87) Benzo(b)fluoranthene	15.69	252	887116	60.35	nq	99
88) Benzo(k)fluoranthene	15.72	252	838291	60.26	nq	96
89) Benzo(a)pyrene	16.03	252	763439	55.82	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	617761	54.40	nq	99
91) Benzo(g,h,i)perylene	17.74	276	608589	52.64	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

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BNA_F

ClientSampleId :

AREA3-COMP1MSD

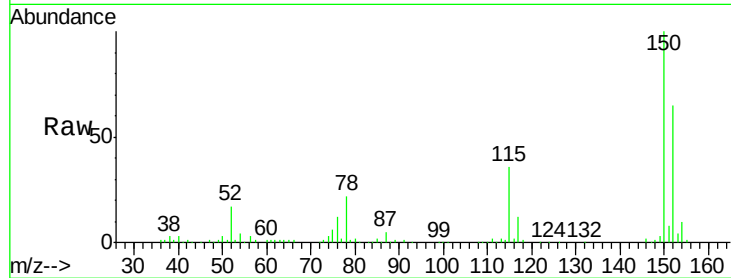
Tot Ion:152 Resp: 127767

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

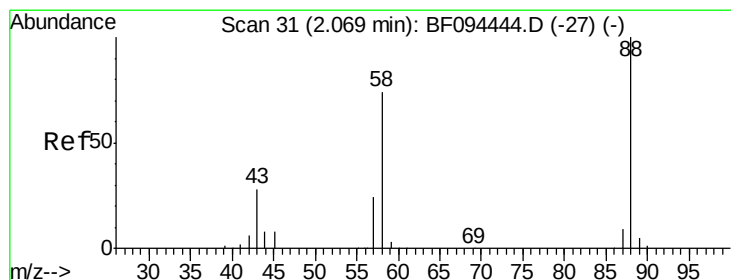
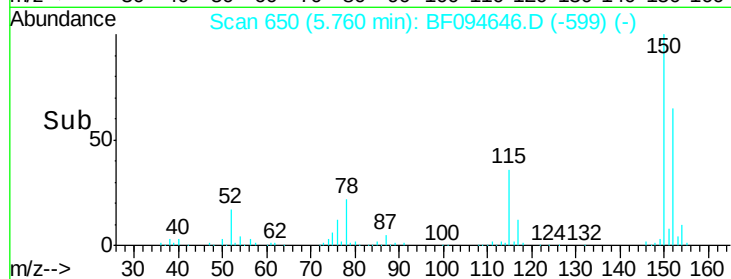
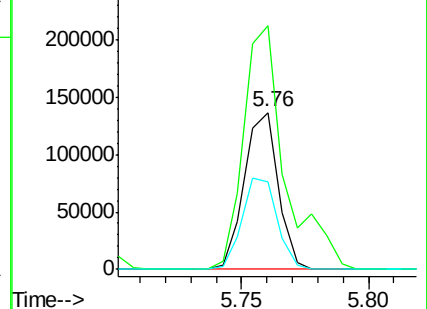
115 55.9 52.2 78.2



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: 26.37 ng

RT: 2.20 min Scan# 45

Delta R.T. 0.13 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

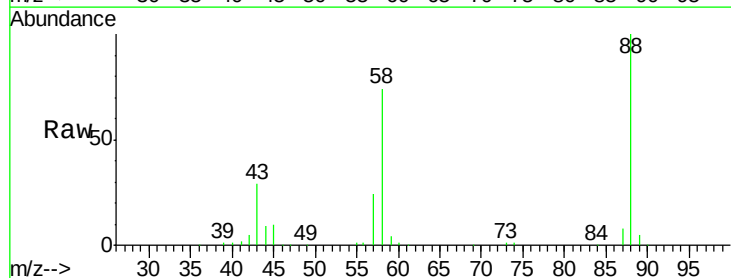
Tgt Ion: 88 Resp: 118106

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

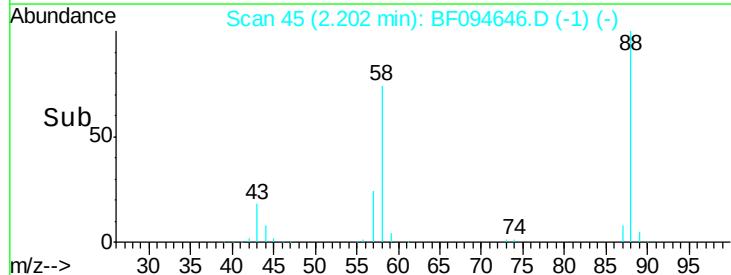
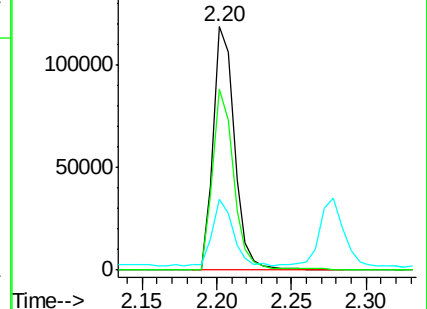
43 26.2 23.4 35.0

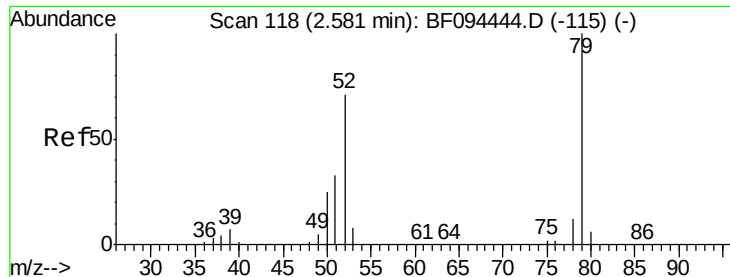


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.83 ng

RT: 2.68 min Scan# 127

Delta R.T. 0.10 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

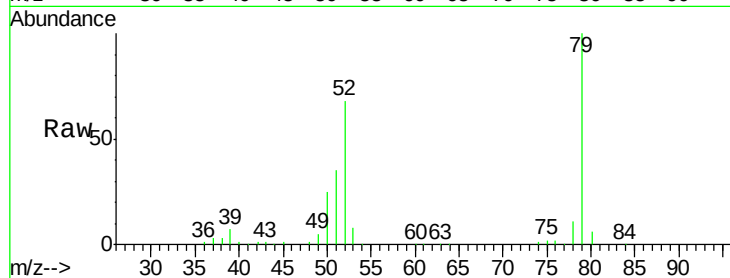
Tot Ion: 79 Resp: 292018

Ion Ratio Lower Upper

79 100

52 67.8 54.8 82.2

51 34.9 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

200000

150000

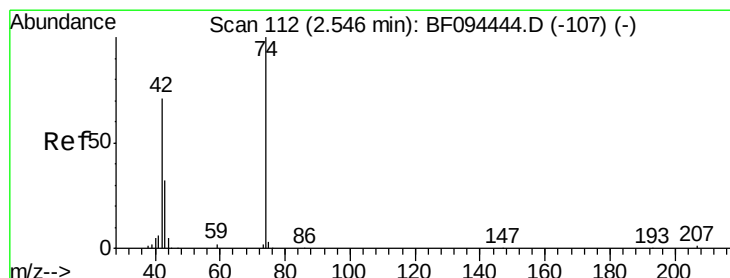
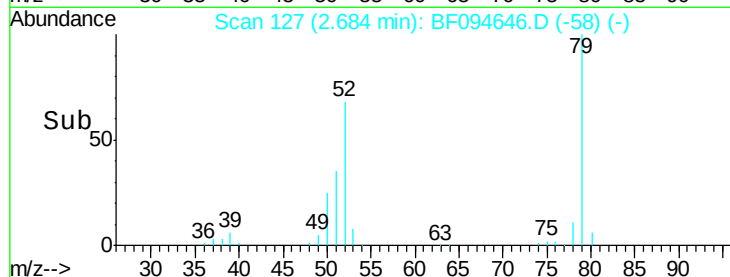
100000

50000

0

2.68

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.98 ng

RT: 2.62 min Scan# 116

Delta R.T. 0.07 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

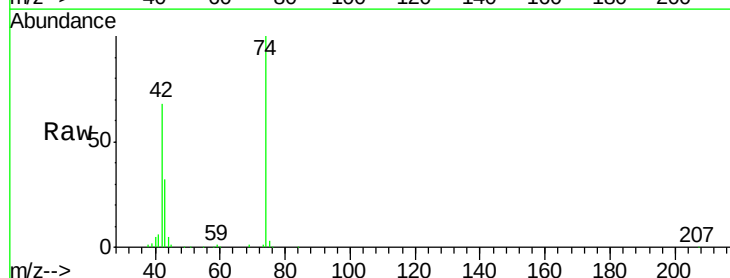
Tgt Ion: 42 Resp: 157893

Ion Ratio Lower Upper

42 100

74 147.7 103.9 155.9

44 7.5 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

250000

200000

150000

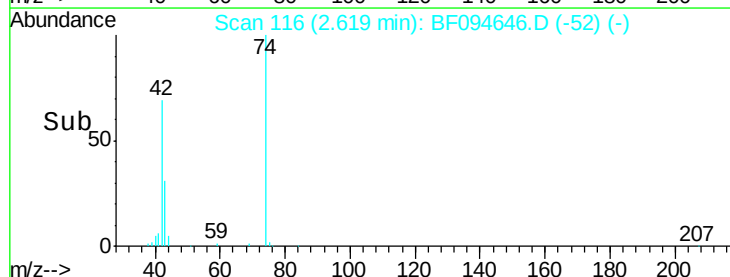
100000

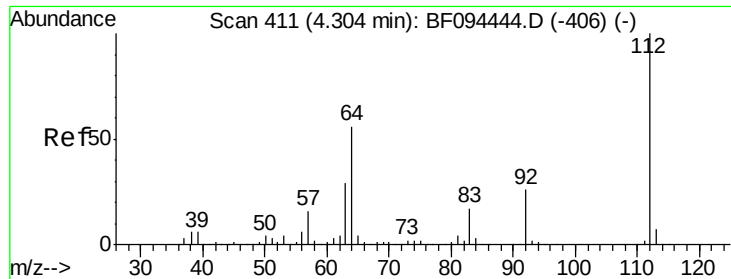
50000

0

2.62

Time-->





#5

2-Fluorophenol

Concen: 123.94 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

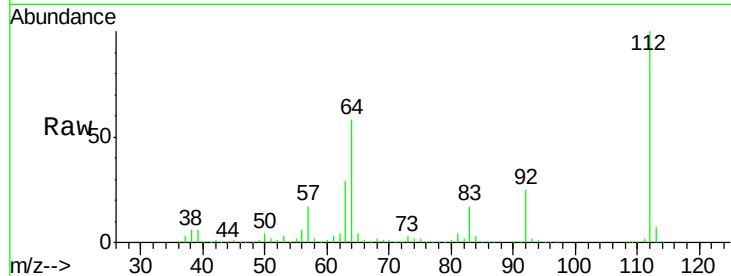
Tot Ion:112 Resp: 954500

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

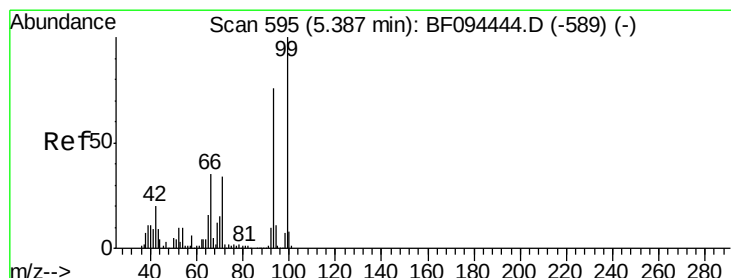
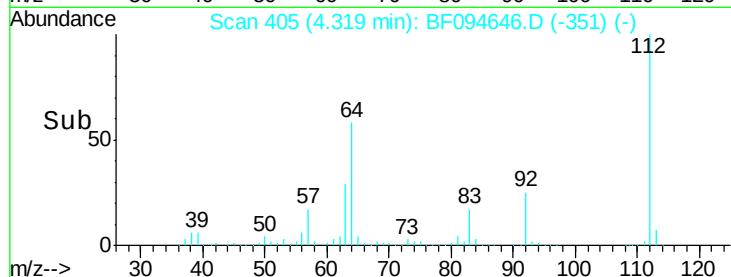
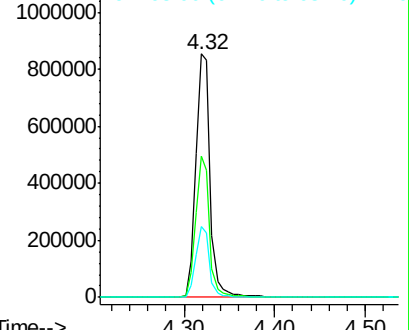
63 29.3 23.4 35.0



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: 10.09 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

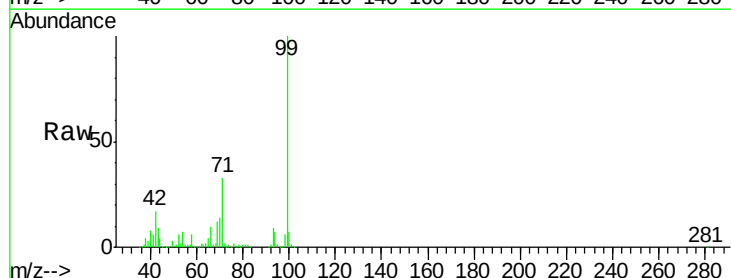
Tgt Ion: 93 Resp: 121781

Ion Ratio Lower Upper

93 100

66 112.6 32.9 49.3#

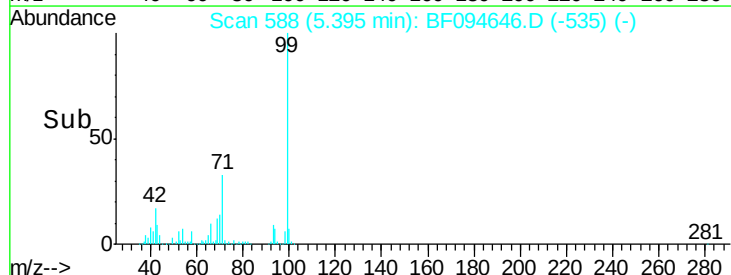
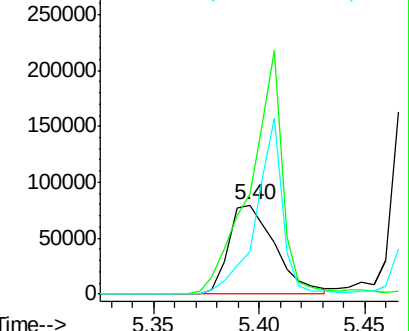
65 48.3 16.0 24.0#

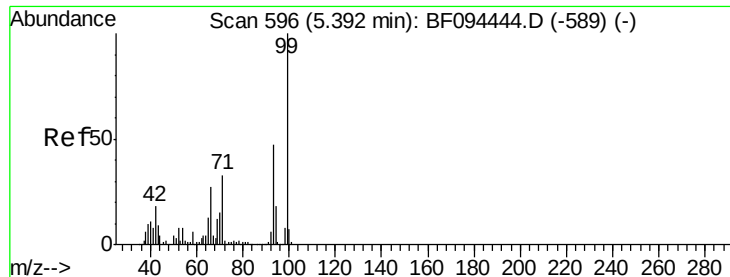


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.72 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

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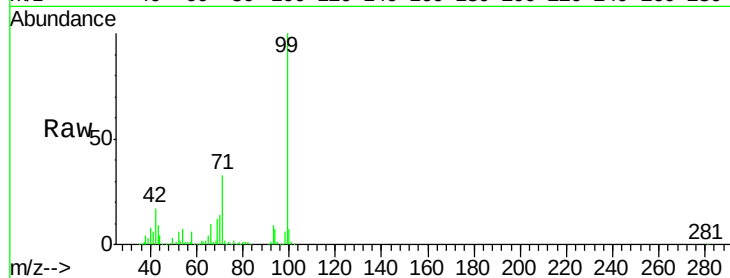
Tot Ion: 99 Resp: 1159518

Ion Ratio Lower Upper

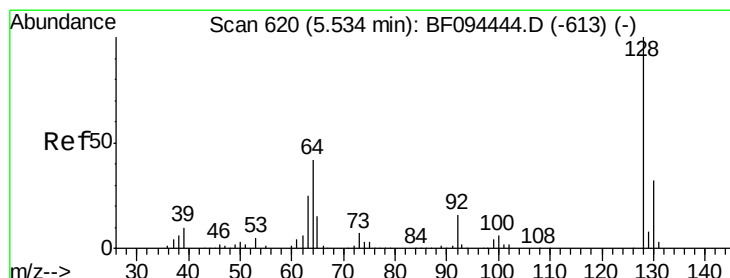
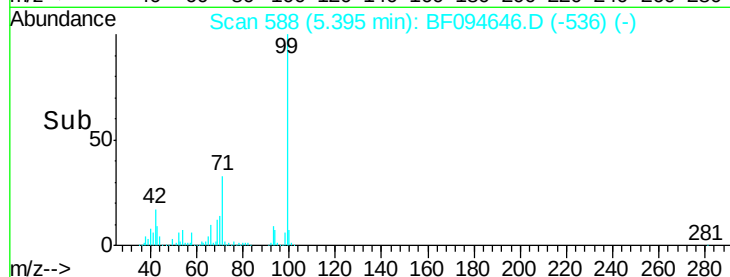
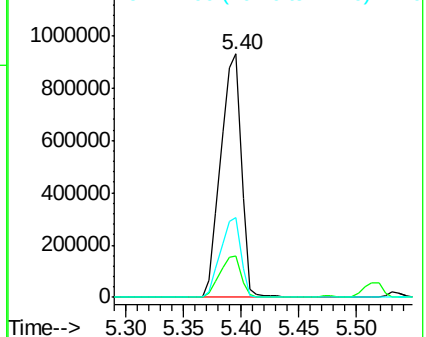
99 100

42 17.1 13.5 20.3

71 32.7 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: 44.12 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

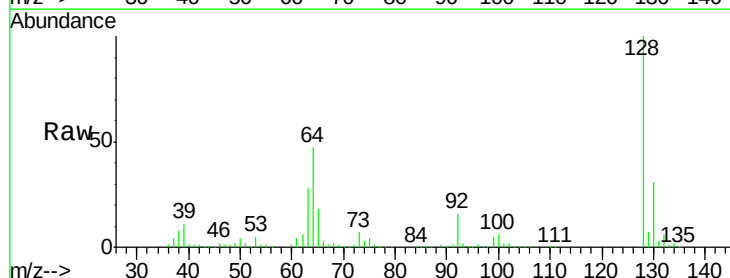
Tgt Ion: 128 Resp: 386594

Ion Ratio Lower Upper

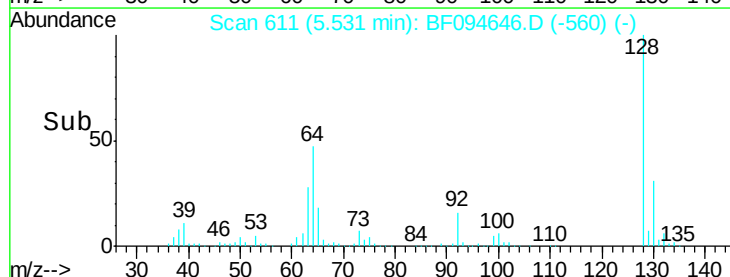
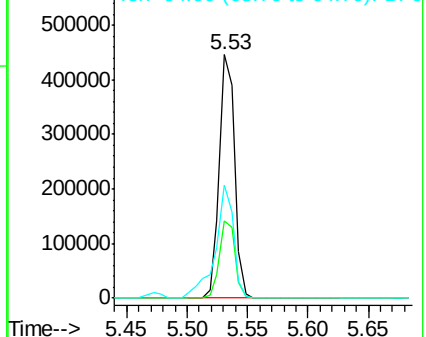
128 100

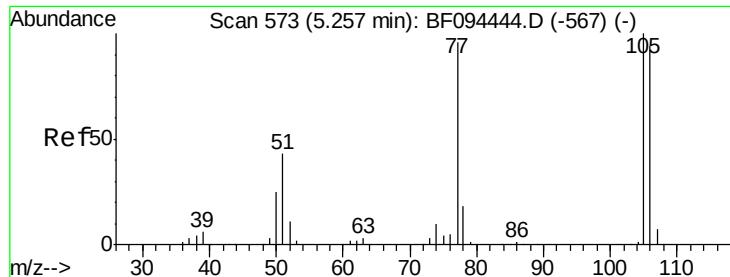
130 31.5 12.9 52.9

64 46.7 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: 10.33 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

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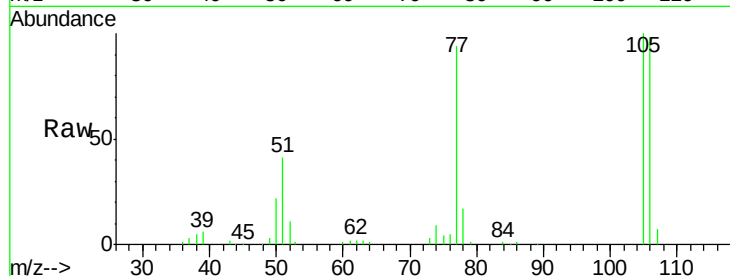
Tot Ion: 77 Resp: 71377

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

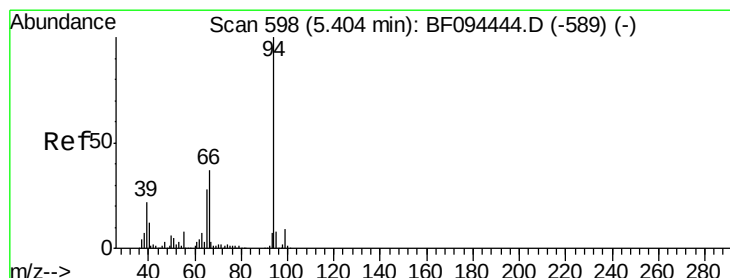
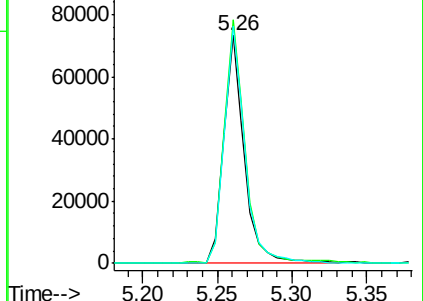
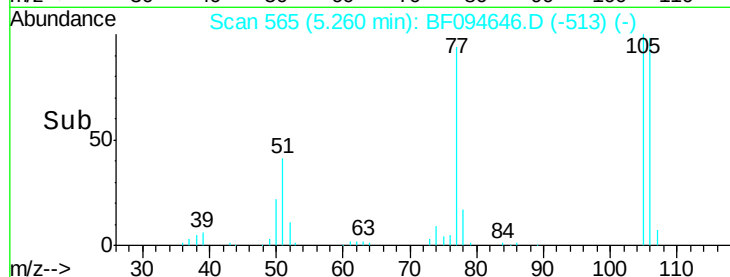
106 104.2 79.1 119.1



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: 37.62 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

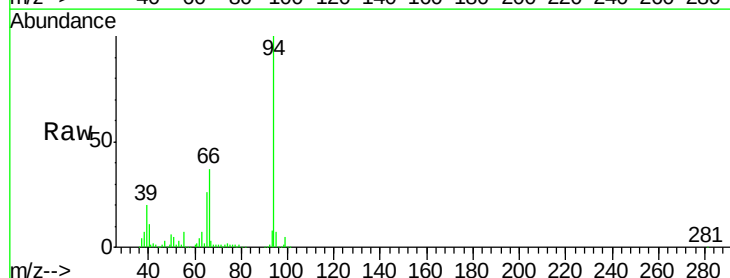
Tgt Ion: 94 Resp: 419560

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

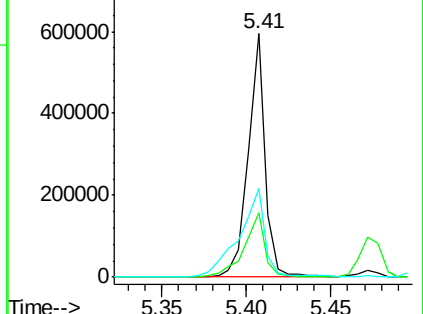
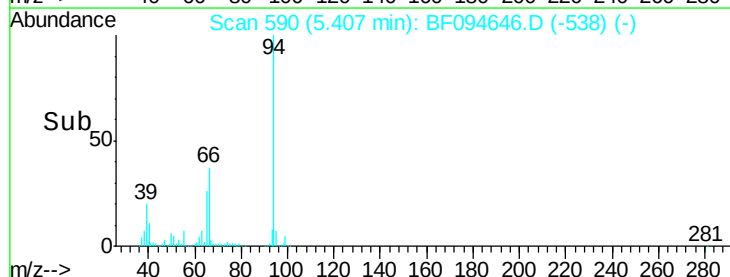
66 36.6 23.1 63.1

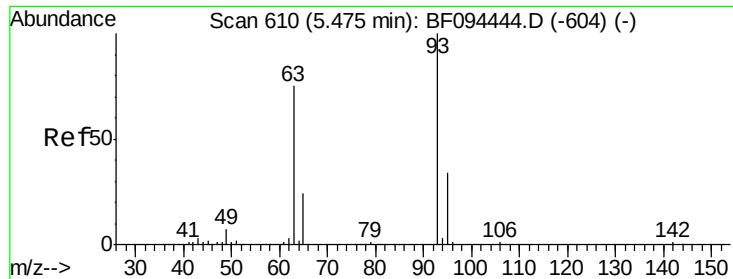


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

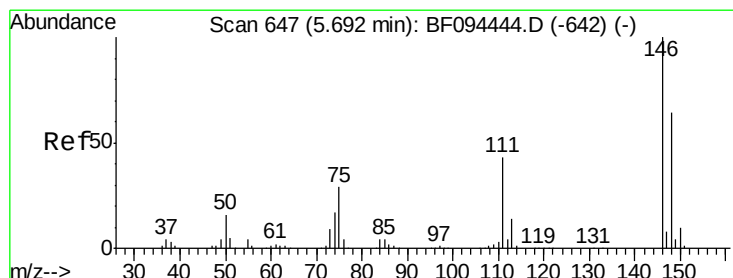
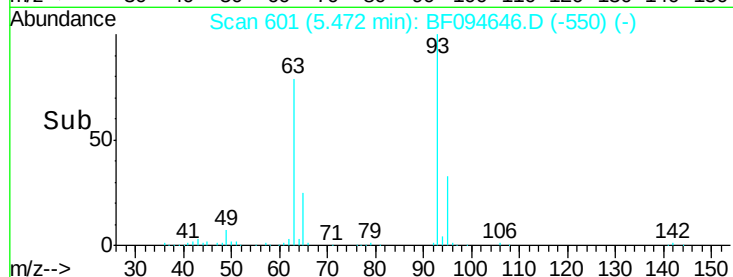
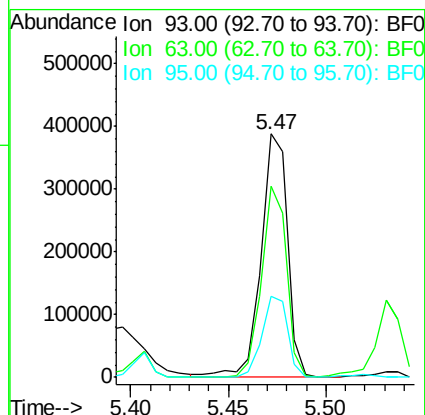
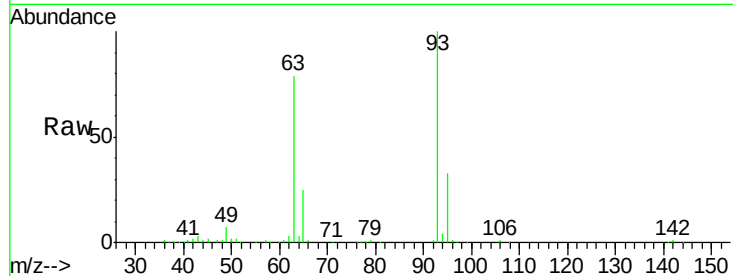




#11
bis(2-Chloroethyl)ether
Concen: 44.57 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

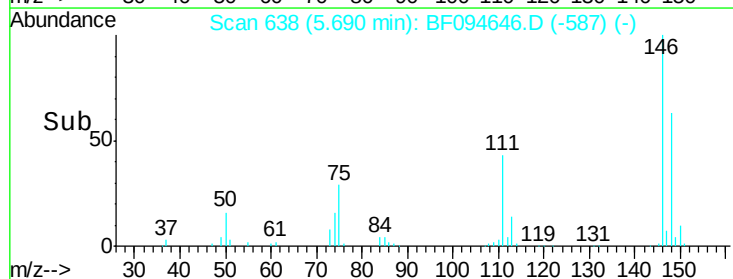
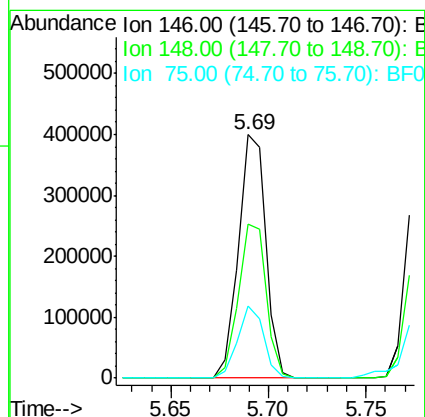
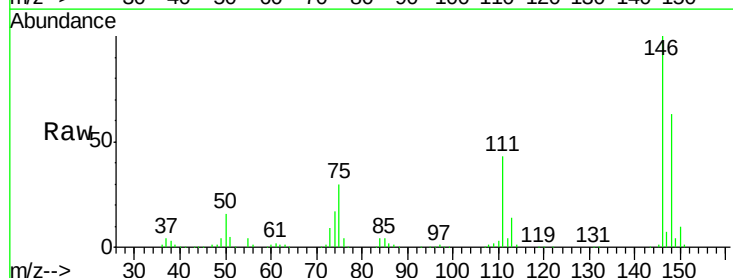
Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

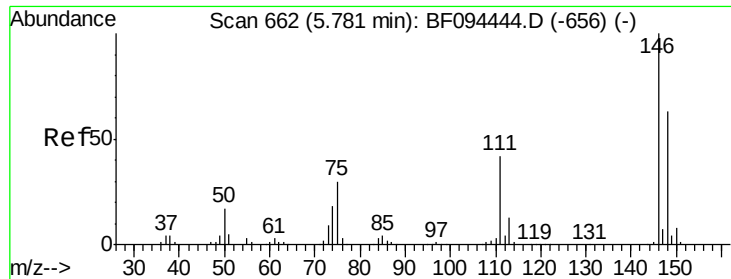
Tot Ion: 93 Resp: 363136
Ion Ratio Lower Upper
93 100
63 78.6 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.17 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 146 Resp: 390000
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 29.6 23.1 34.7

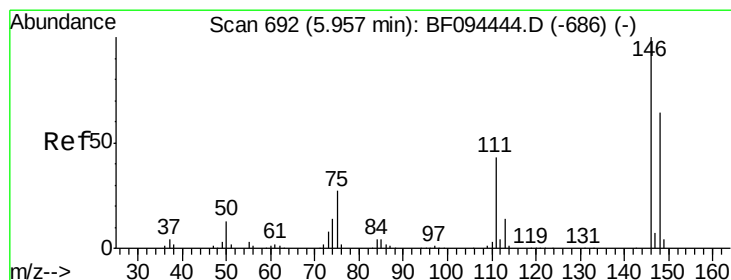
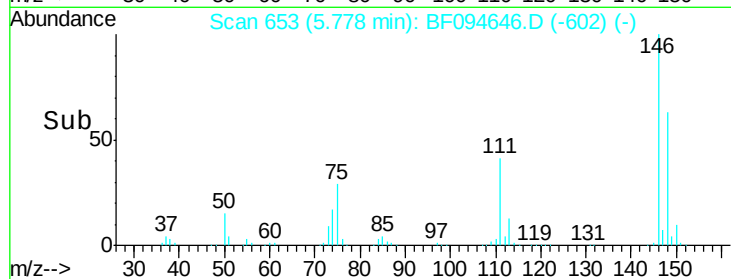
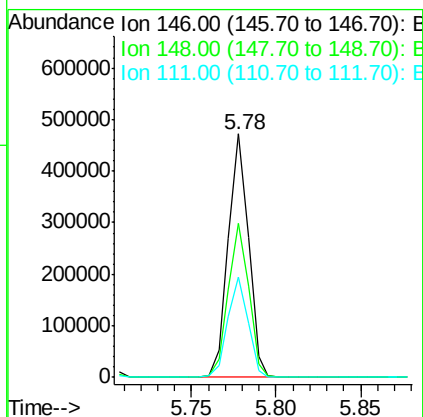
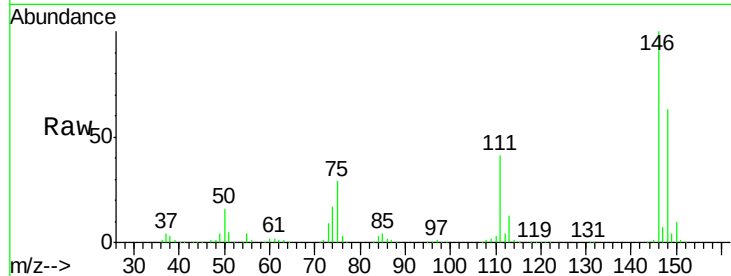




#13
 1,4-Dichlorobenzene
 Concen: 40.28 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

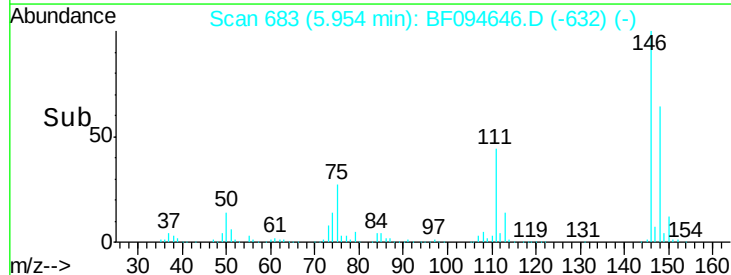
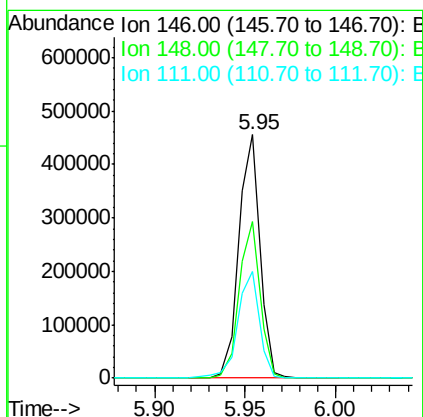
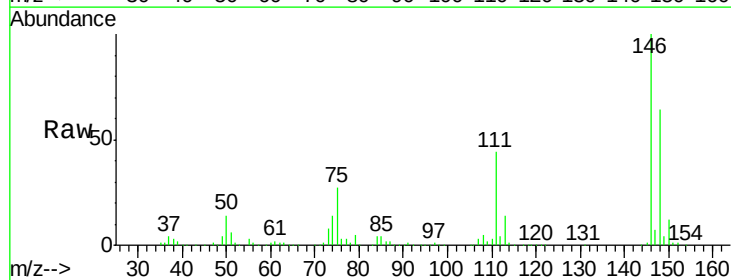
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

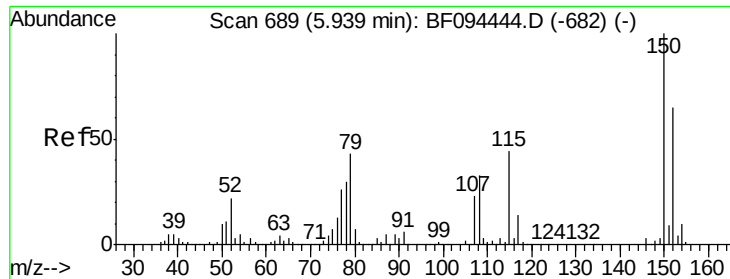
Tot Ion:146 Resp: 393434
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.87 ng
 RT: 5.95 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:146 Resp: 367711
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 43.6 38.2 57.4

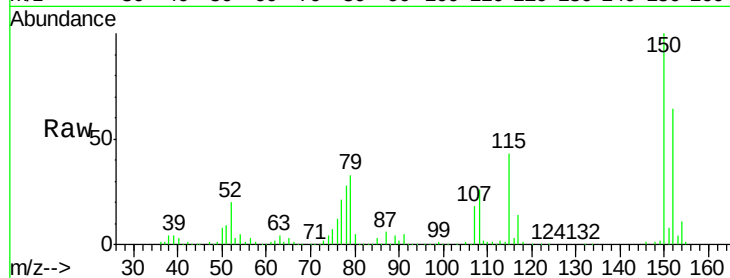




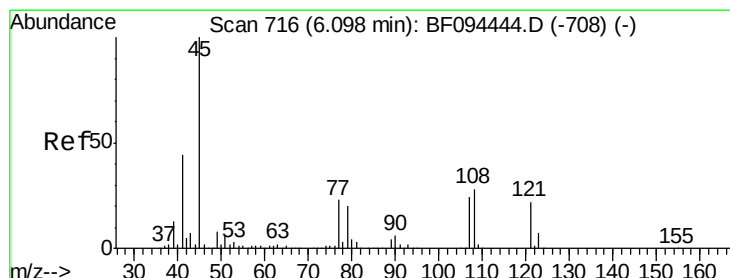
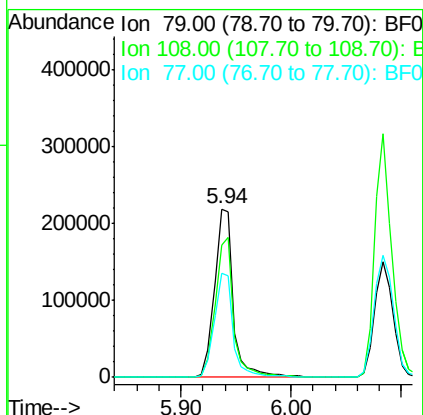
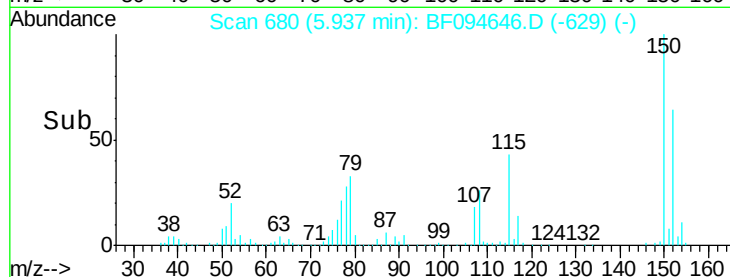
#15
Benzyl Alcohol
Concen: 38.26 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion: 79 Resp: 257643
Ion Ratio Lower Upper
79 100
108 78.5 63.4 95.0
77 62.0 49.2 73.8

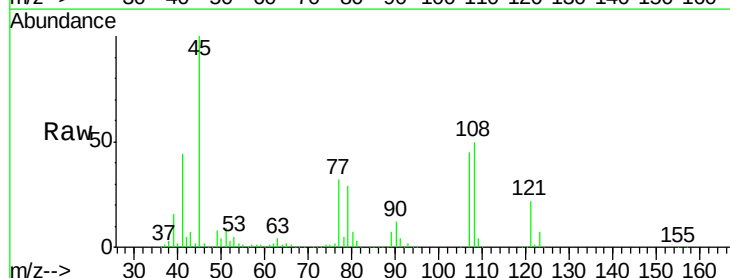


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

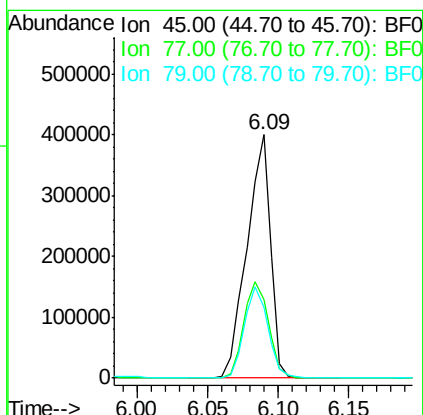
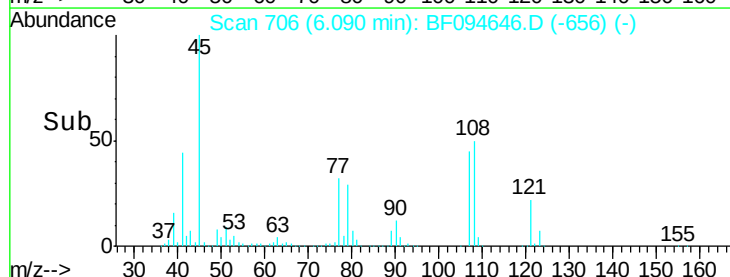


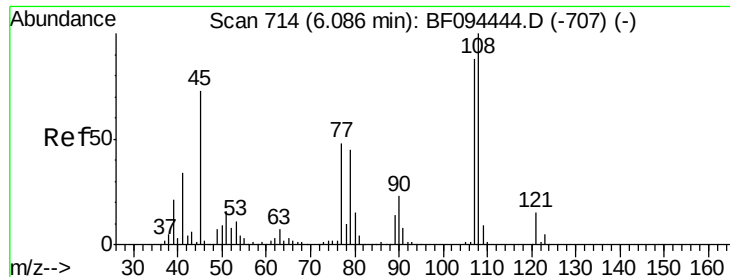
#16
2,2'-oxybis(1-chloropropane)
Concen: 43.95 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 45 Resp: 469464
Ion Ratio Lower Upper
45 100
77 32.3 0.0 33.2
79 29.0 0.0 30.0



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





#17

2-Methylphenol

Concen: 44.41 ng

RT: 6.08 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

Tot Ion:107 Resp: 306544

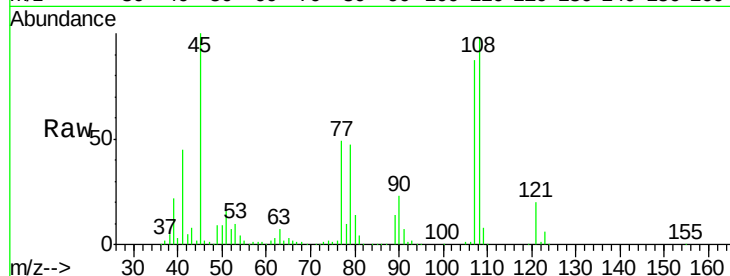
Ion Ratio Lower Upper

107 100

108 113.2 93.4 140.0

77 56.5 35.8 53.6#

79 54.0 34.8 52.2#

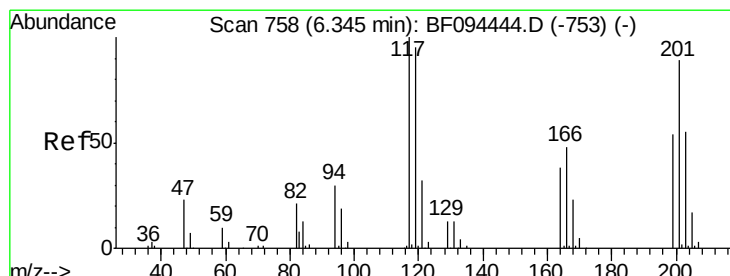
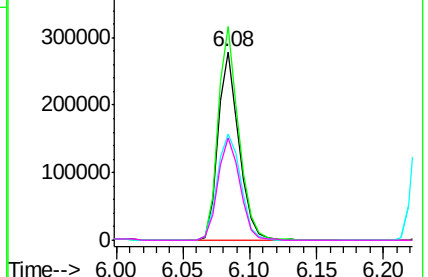
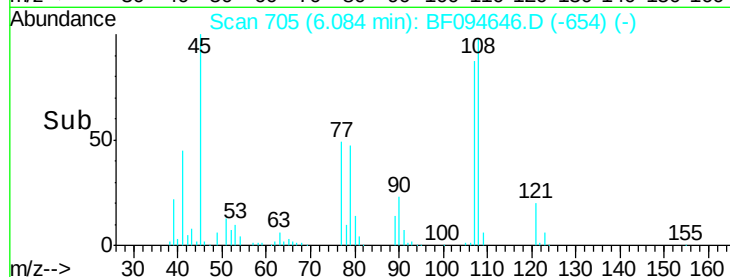


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.74 ng

RT: 6.34 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

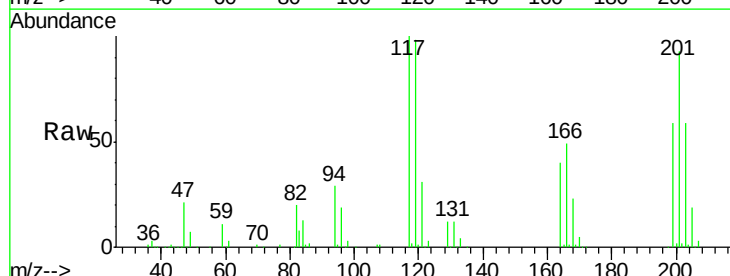
Tgt Ion:117 Resp: 136415

Ion Ratio Lower Upper

117 100

119 98.4 77.4 116.0

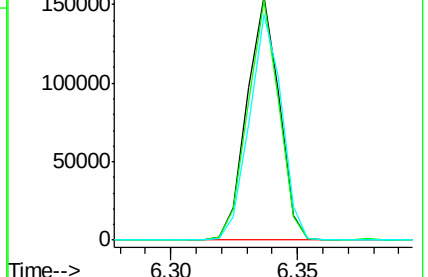
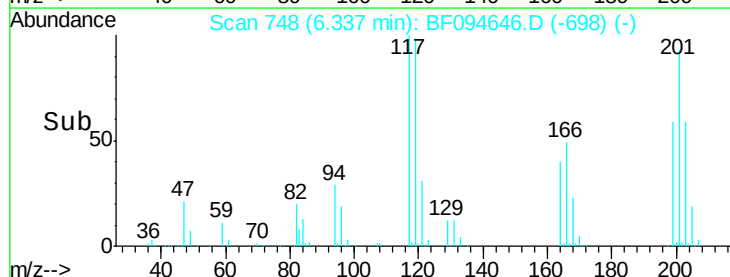
201 92.9 94.6 141.8#

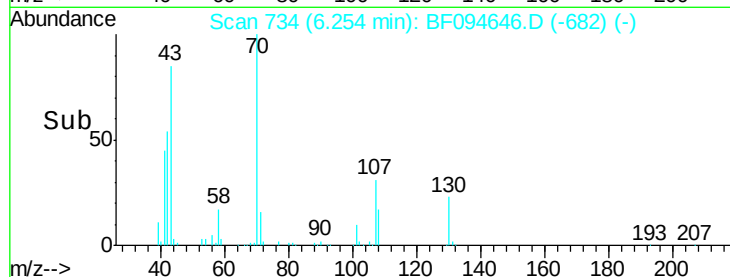
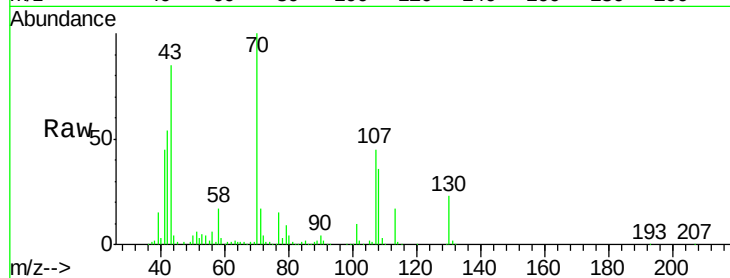
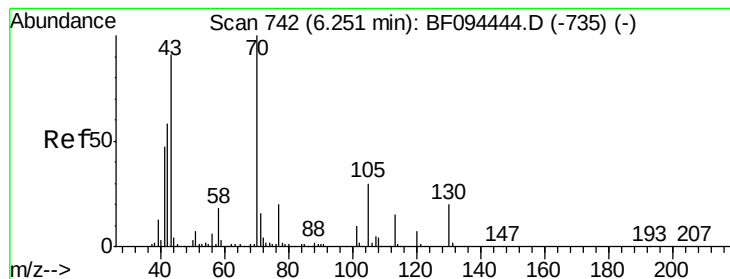


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.42 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

Tot Ion: 70 Resp: 285261

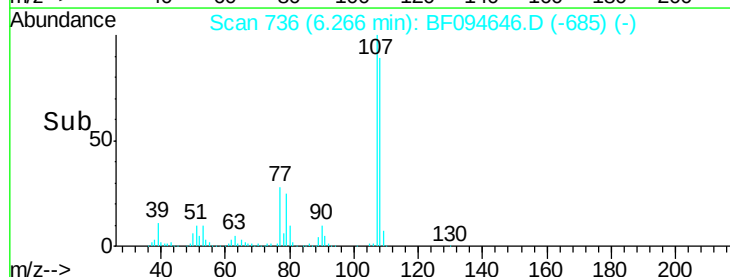
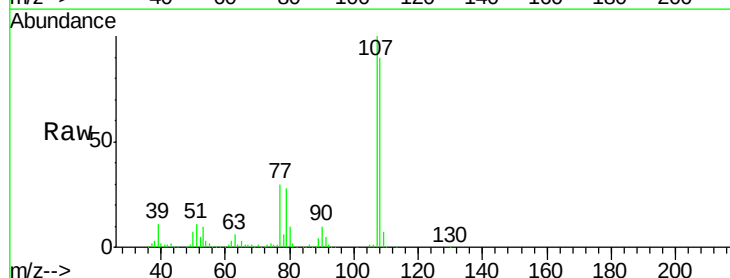
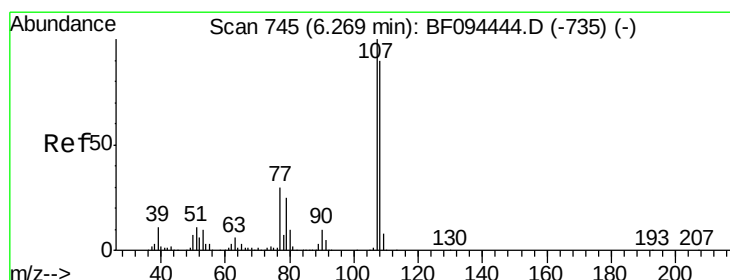
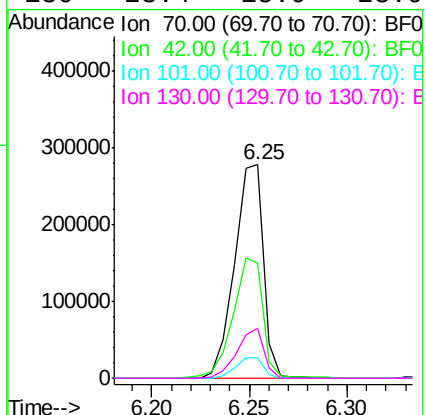
Ion Ratio Lower Upper

70 100

42 53.9 47.2 70.8

101 9.7 7.2 10.8

130 23.4 15.9 23.9



#20

3+4-Methylphenols

Concen: 46.09 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:107 Resp: 432294

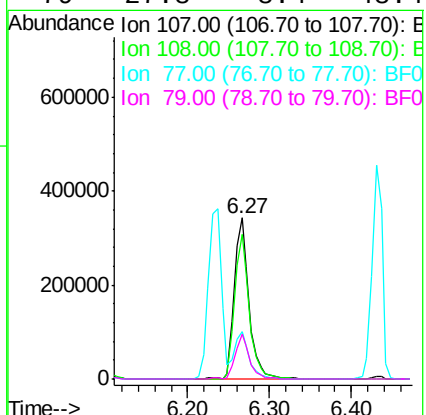
Ion Ratio Lower Upper

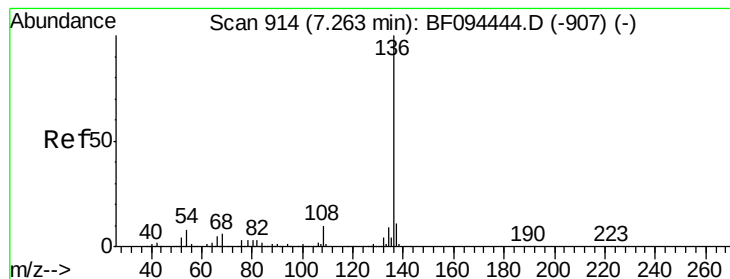
107 100

108 89.6 71.0 111.0

77 29.5 90.5 130.5#

79 27.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

Tot Ion:136 Resp: 529862

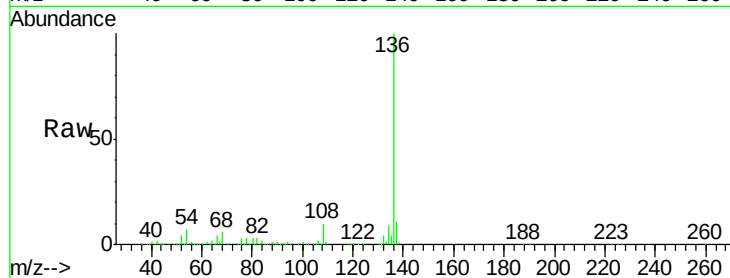
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

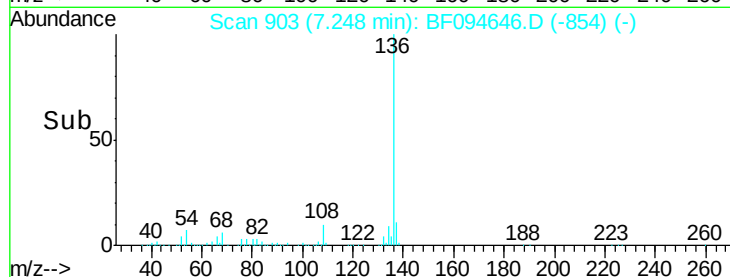


Abundance Ion 136.00 (135.70 to 136.70): E

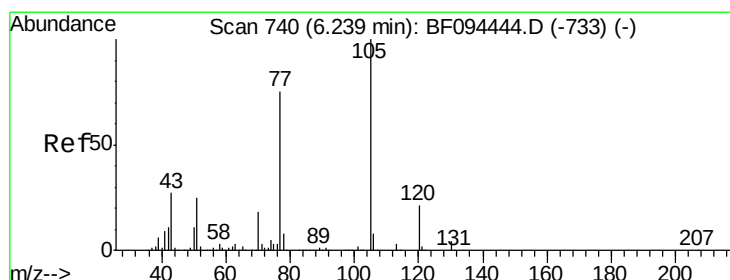
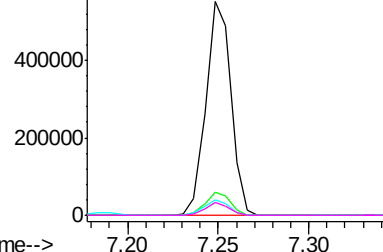
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.66 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:105 Resp: 562560

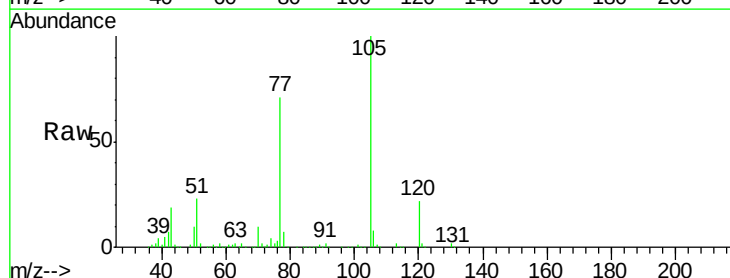
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 23.4 30.7 46.1#

120 21.9 17.4 26.0

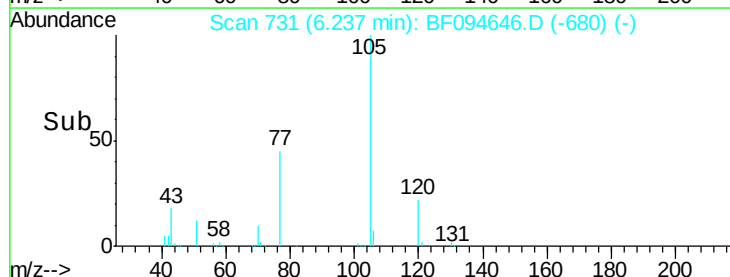


Abundance Ion 105.00 (104.70 to 105.70): E

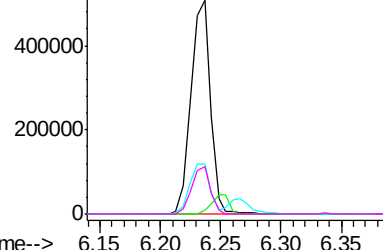
Ion 71.00 (70.70 to 71.70): BF0

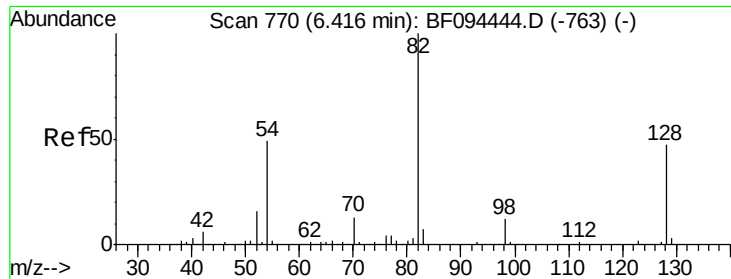
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

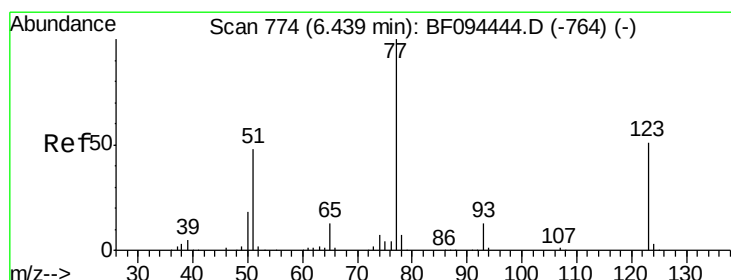
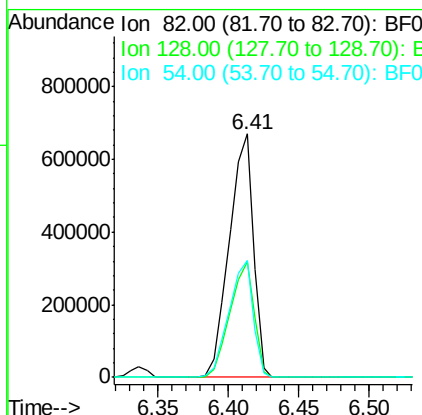
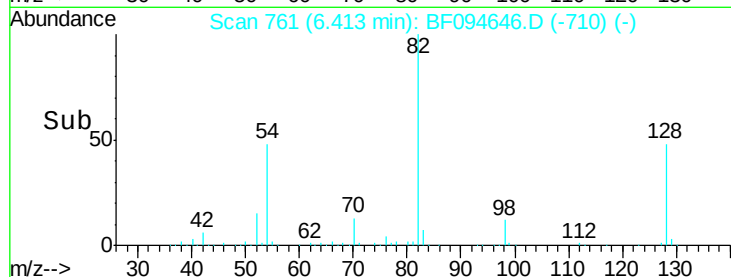
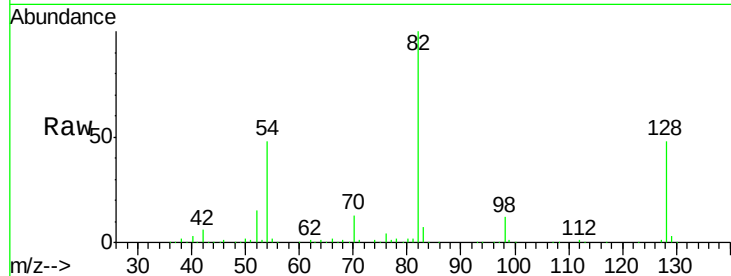




#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

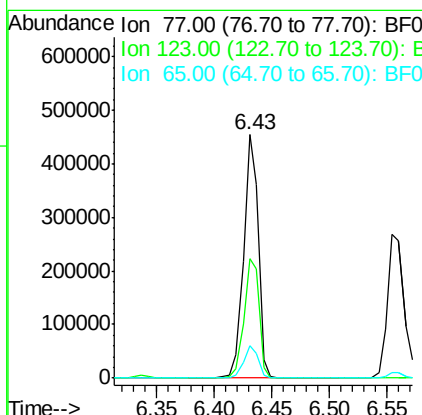
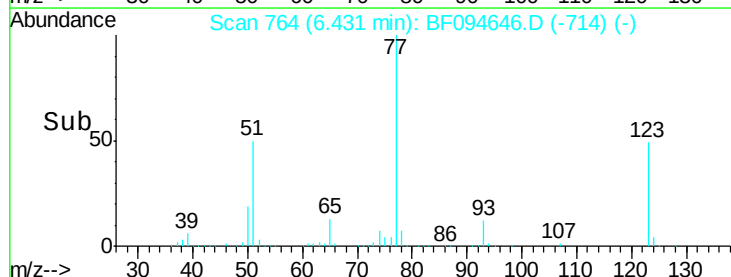
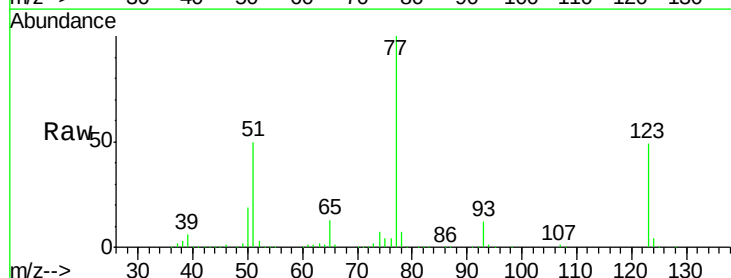
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

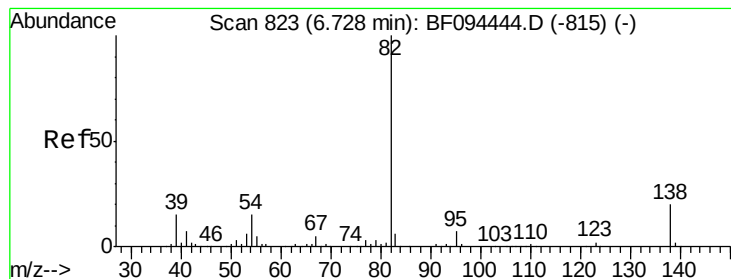
Tot Ion: 82 Resp: 799030
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 48.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion: 77 Resp: 400012
 Ion Ratio Lower Upper
 77 100
 123 48.9 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 46.33 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

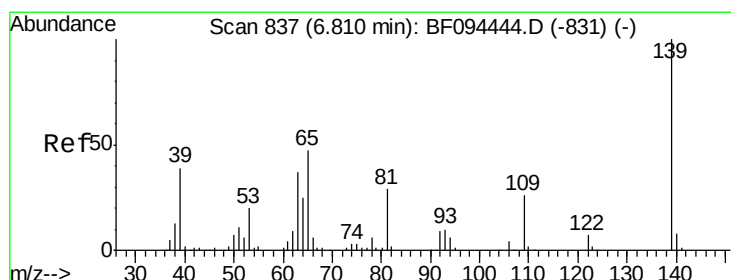
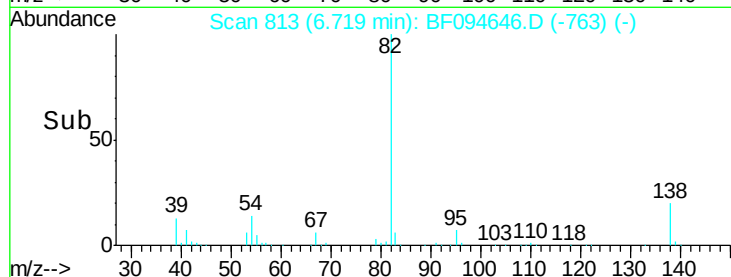
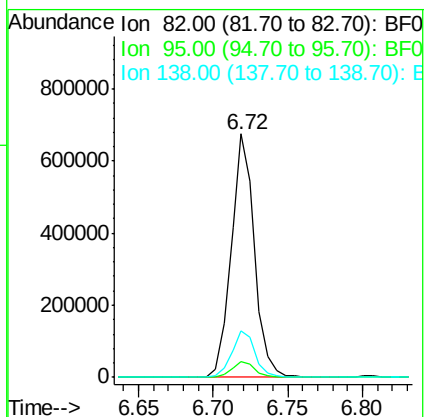
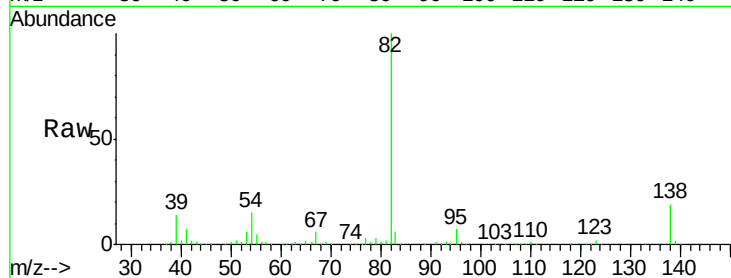
Tot Ion: 82 Resp: 736976

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 45.95 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

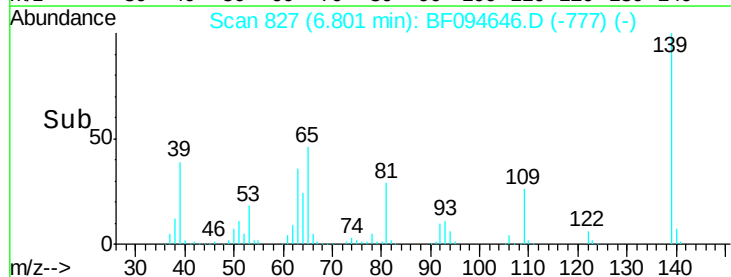
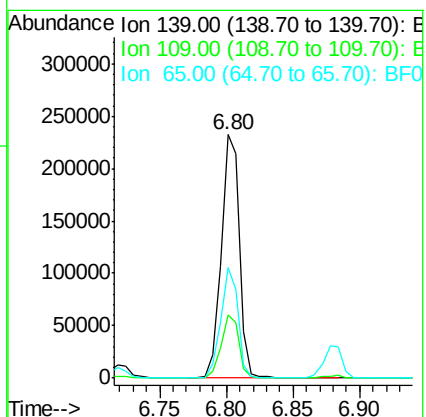
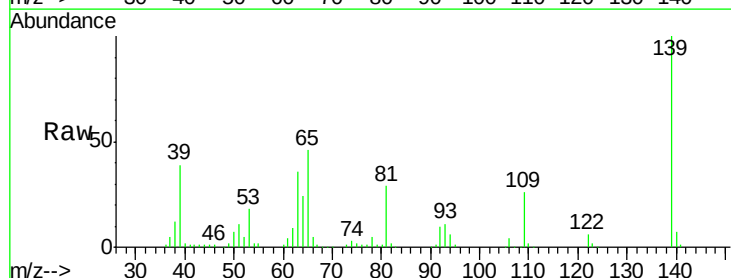
Tgt Ion: 139 Resp: 223061

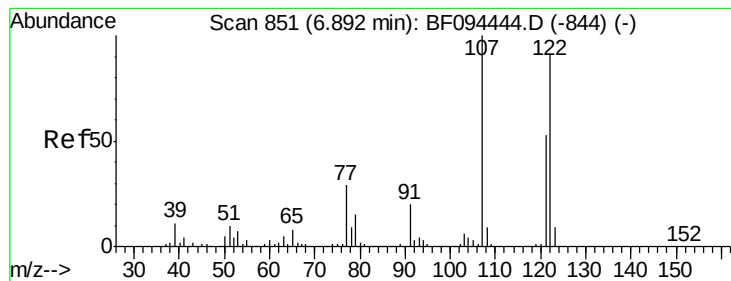
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 45.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.86 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

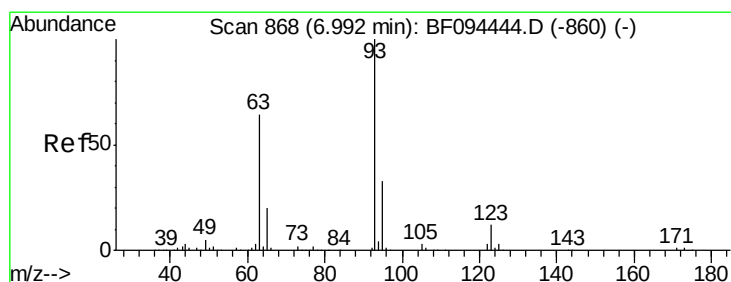
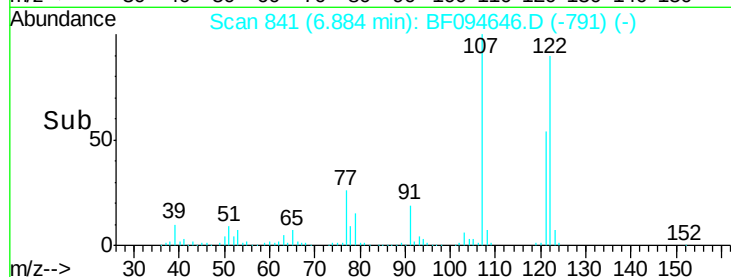
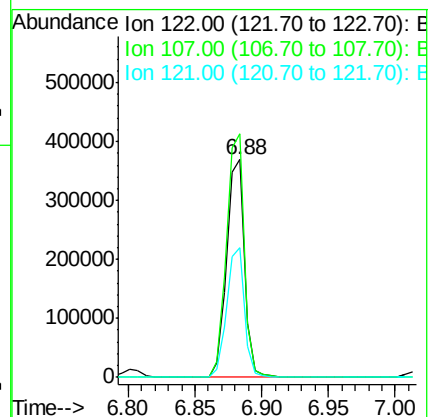
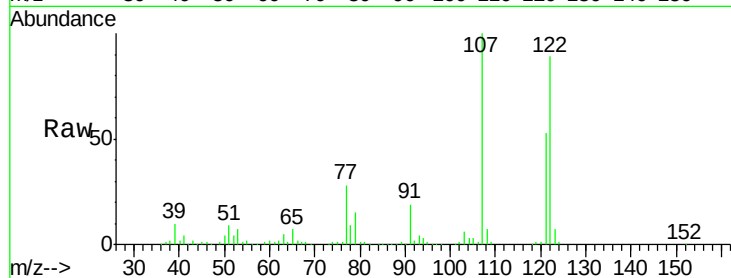
Tot Ion:122 Resp: 353740

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

121 59.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.46 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

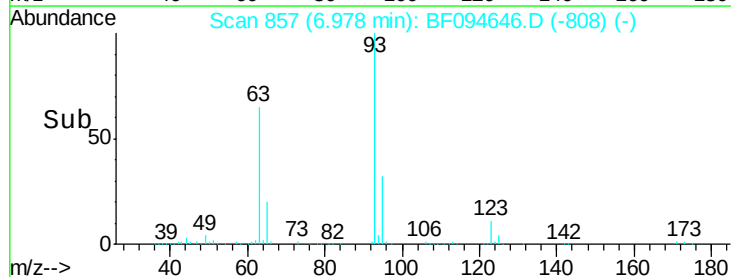
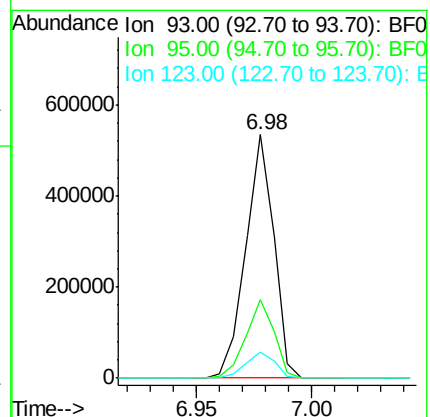
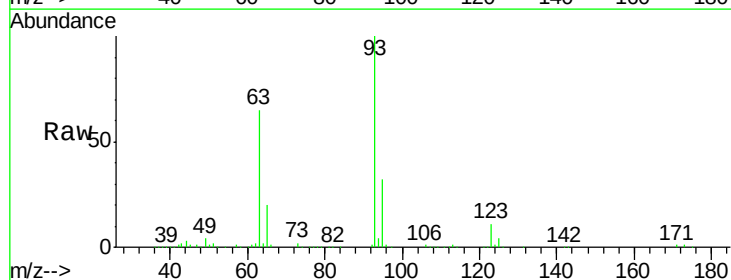
Tgt Ion: 93 Resp: 457459

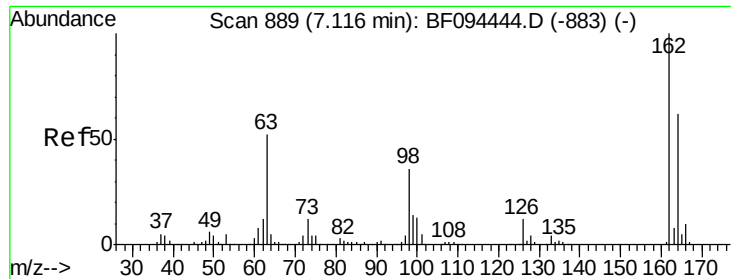
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 10.9 9.0 13.4

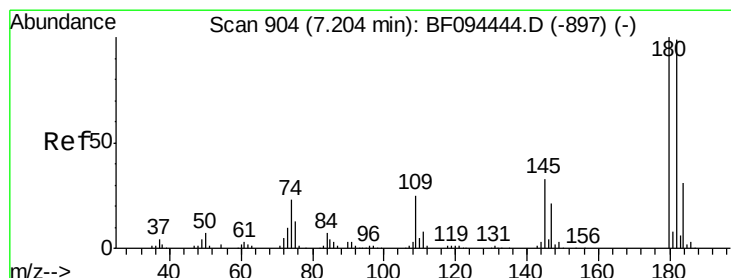
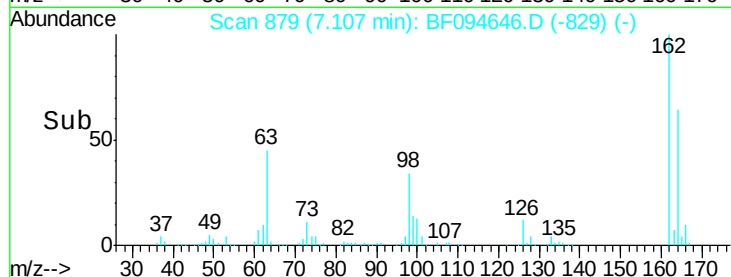
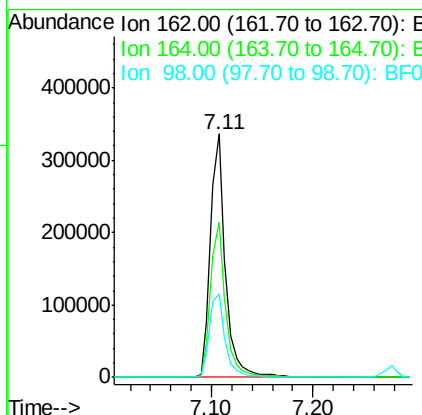
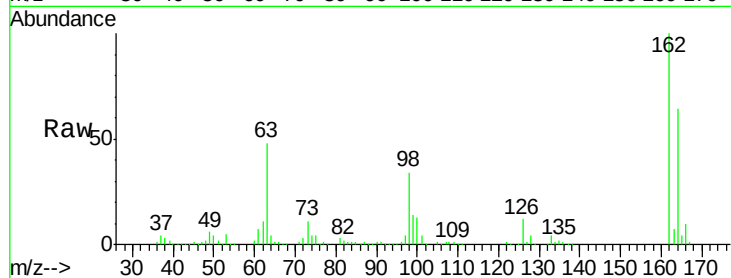




#29
 2,4-Dichlorophenol
 Concen: 47.17 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

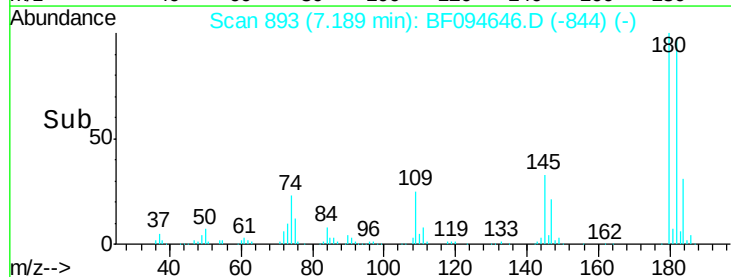
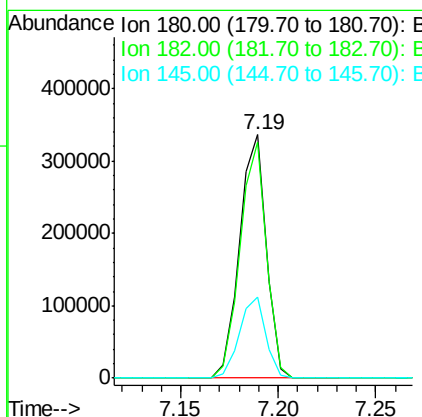
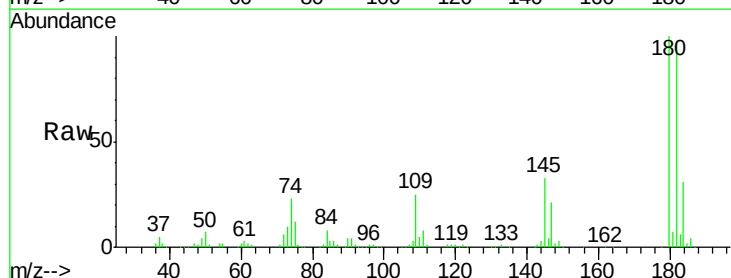
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

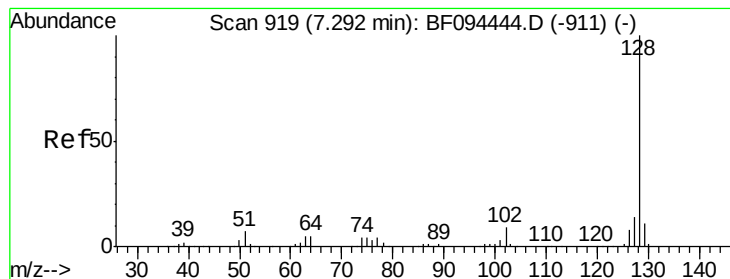
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	34.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.98 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	33.3	25.3	37.9





#31

Naphthalene

Concen: 42.85 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

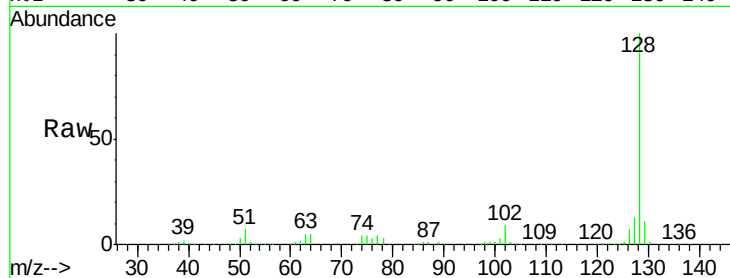
Tot Ion:128 Resp: 1091396

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

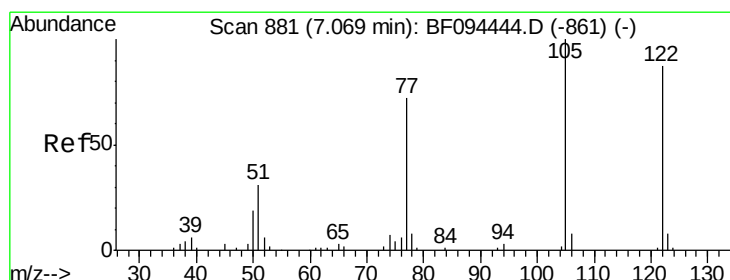
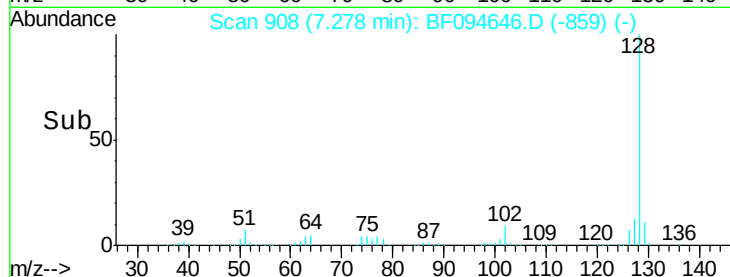
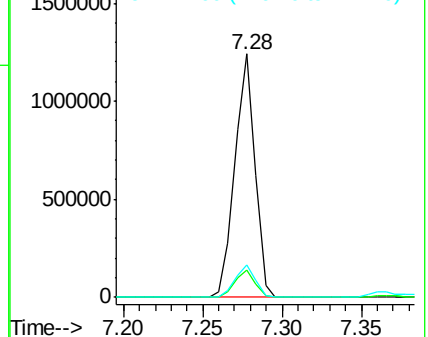
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.79 ng

RT: 7.08 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

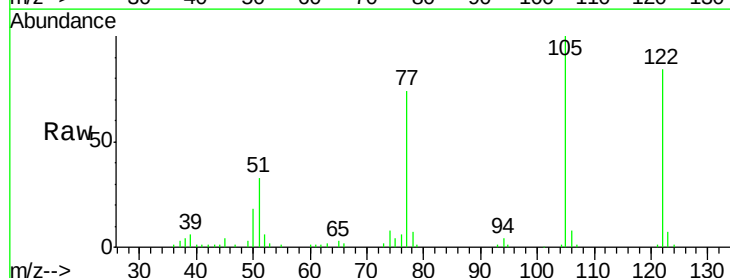
Tgt Ion:122 Resp: 186788

Ion Ratio Lower Upper

122 100

105 119.3 103.3 143.3

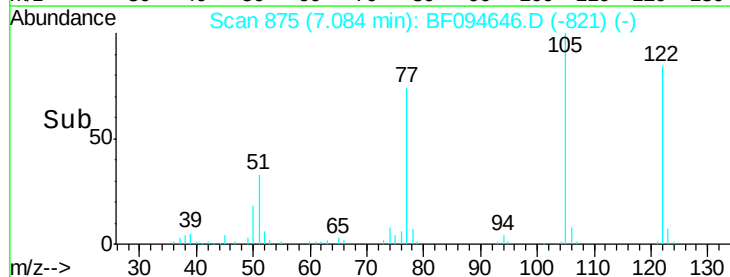
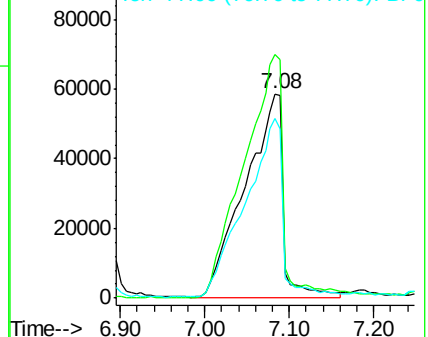
77 87.9 73.7 113.7

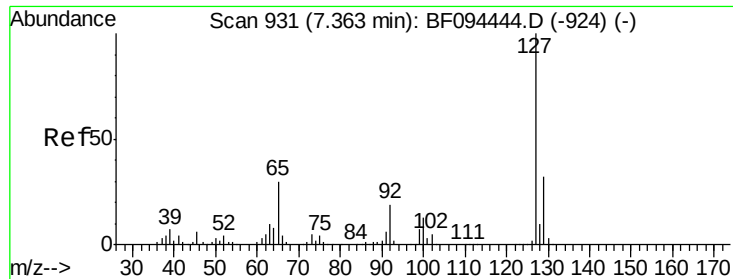


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

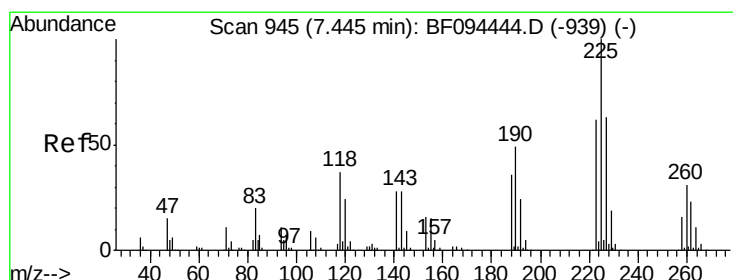
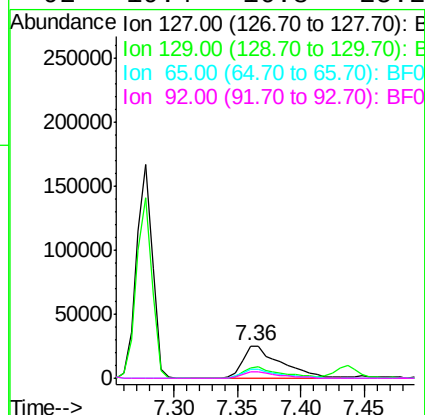
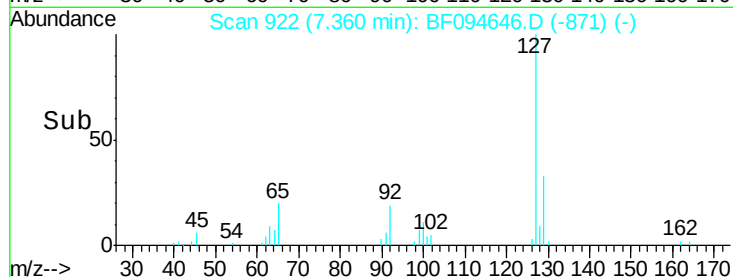
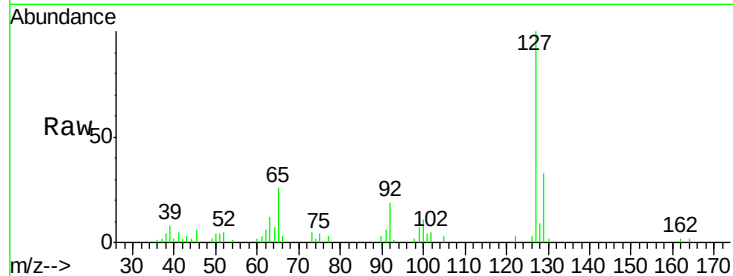




#33
 4-Chloroaniline
 Concen: 5.01 ng
 RT: 7.36 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

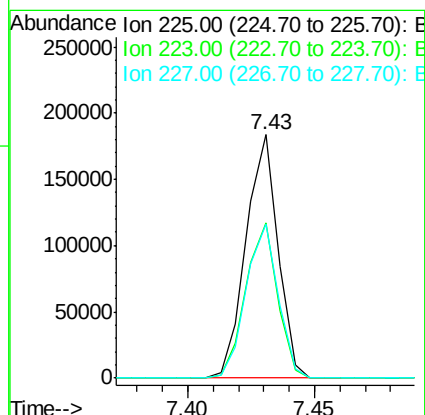
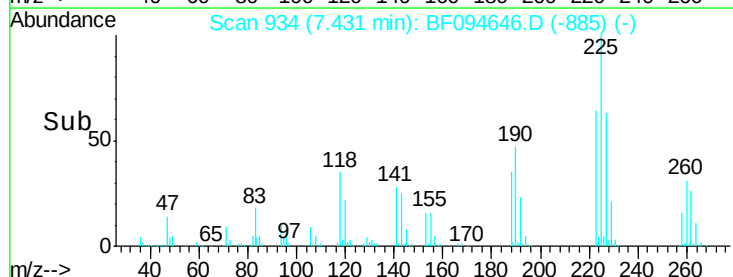
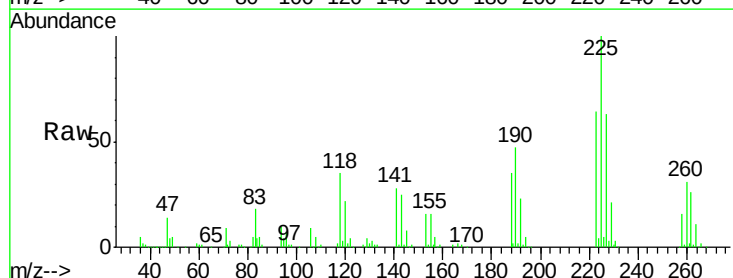
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

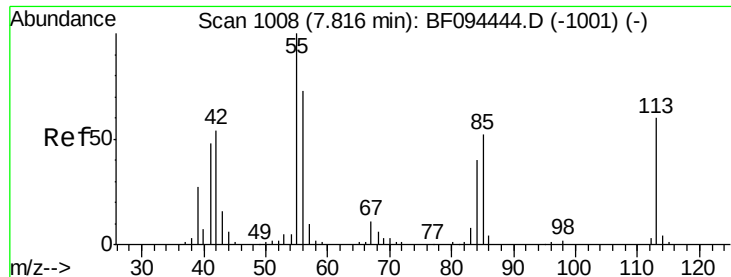
Tot Ion:	127	Resp:	53112
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	26.3	27.8	41.8#
92	19.4	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 42.66 ng
 RT: 7.43 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:	225	Resp:	161307
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	63.3	51.1	76.7





#35

Caprolactam

Concen: 43.48 ng/mL

RT: 7.84 min Scan# 1004

Delta R.T. 0.03 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

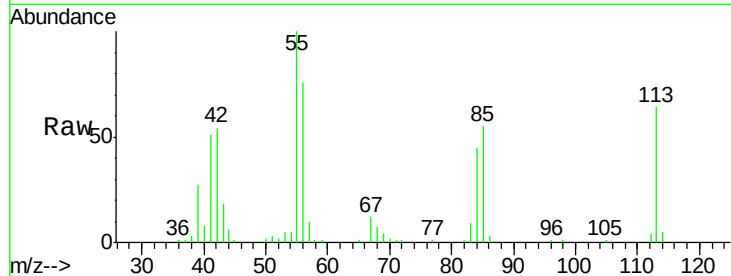
Tot Ion:113 Resp: 100213

Ion Ratio Lower Upper

113 100

55 156.6 150.2 190.2

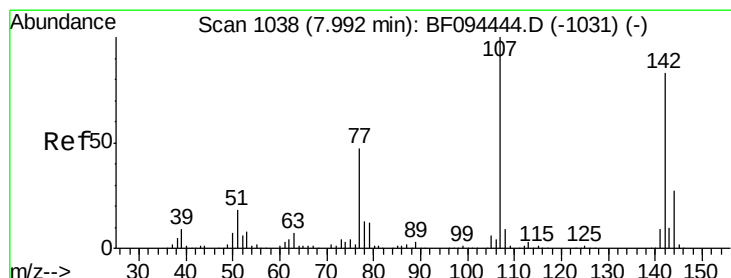
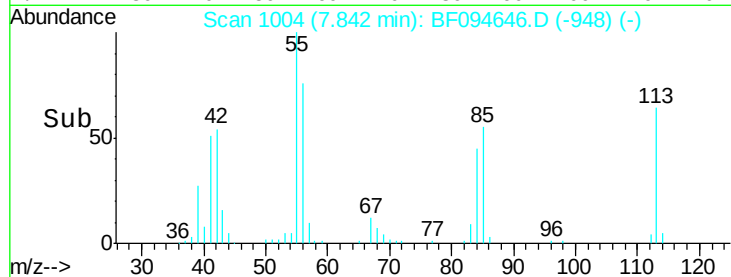
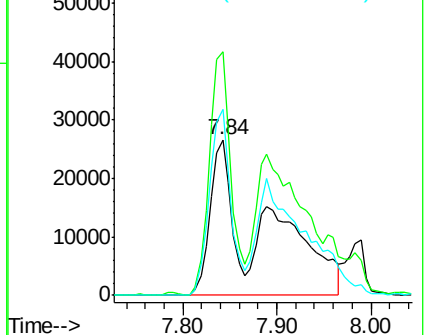
56 119.5 107.8 147.8



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: 47.64 ng/mL

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

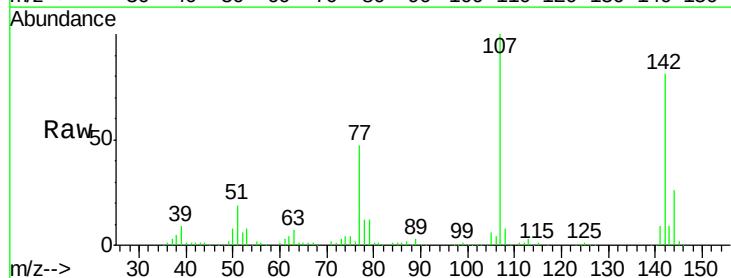
Tgt Ion:107 Resp: 366255

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

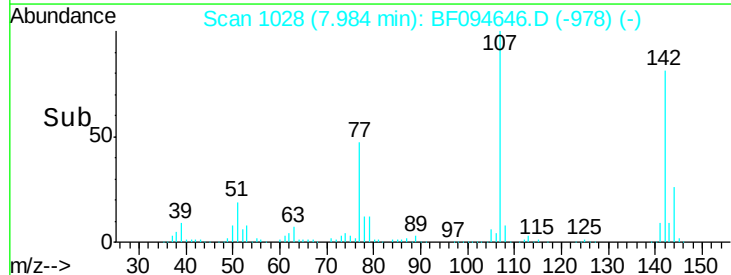
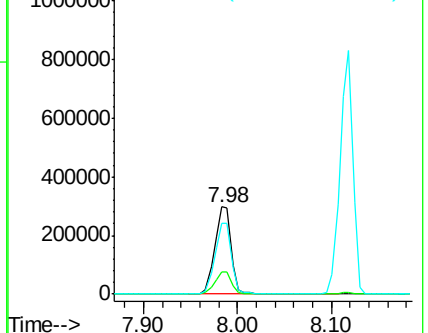
142 81.0 73.4 110.0

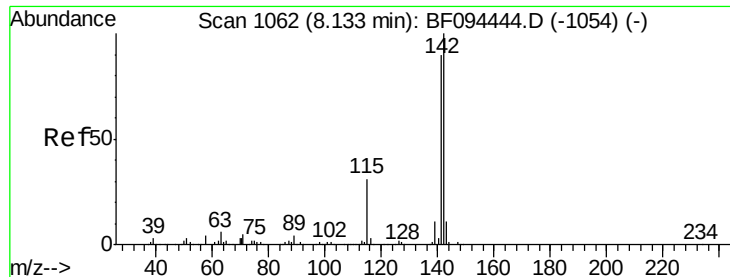


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

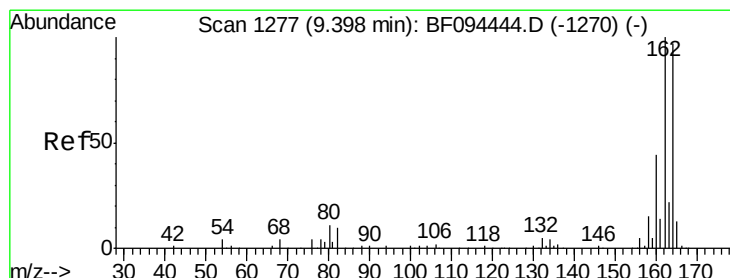
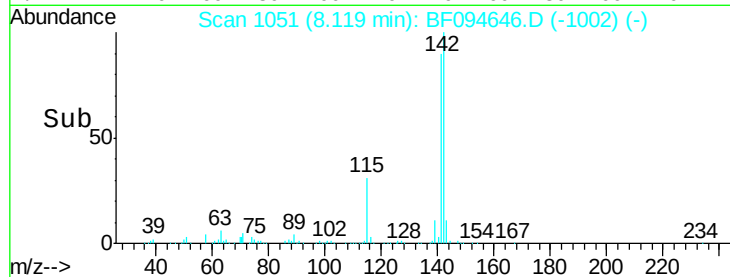
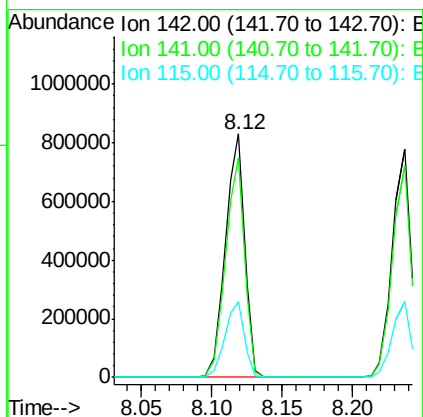
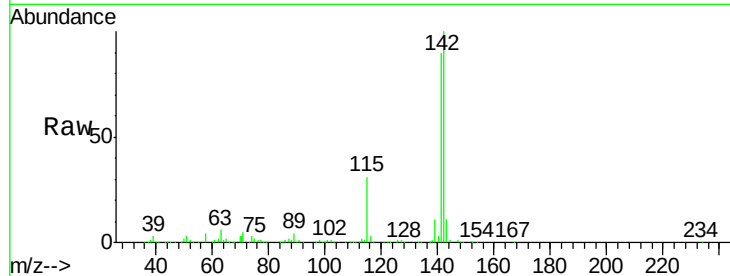




#37
 2-Methylnaphthalene
 Concen: 45.19 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

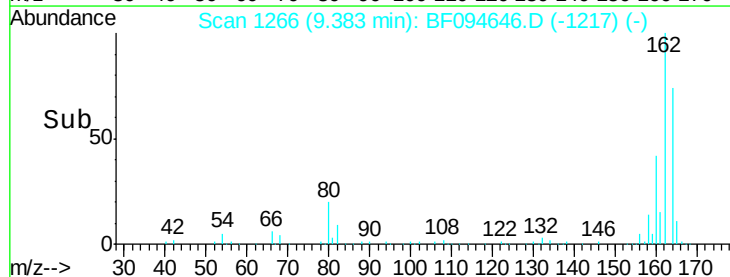
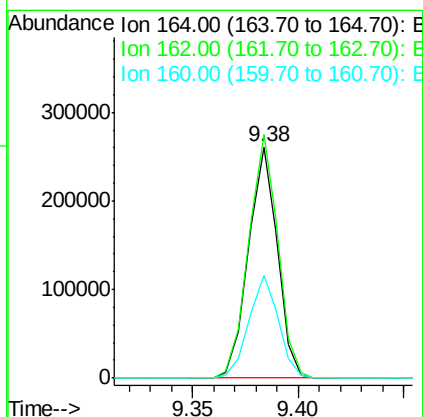
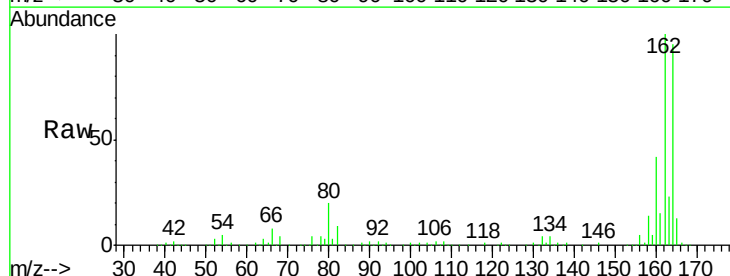
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

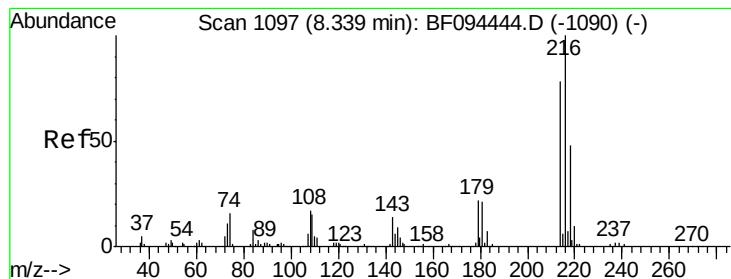
Tot Ion:142 Resp: 787618
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:164 Resp: 248524
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 44.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.25 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

Tot Ion:216 Resp: 299031

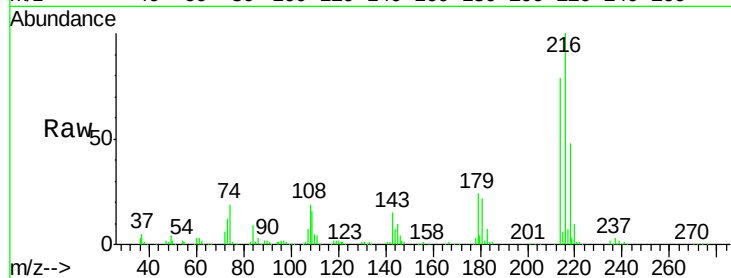
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 23.2 17.9 26.9

108 21.3 16.5 24.7

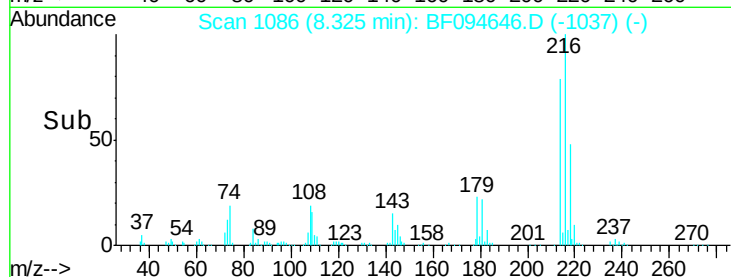


Abundance Ion 216.00 (215.70 to 216.70): E

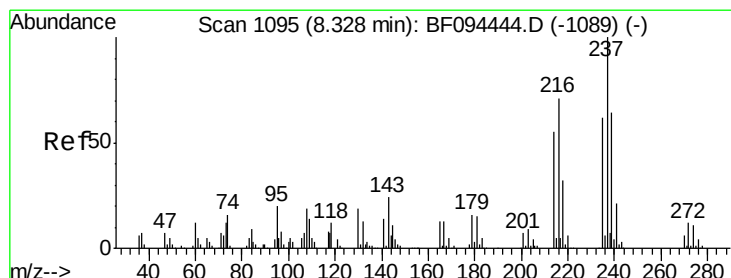
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 95.90 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

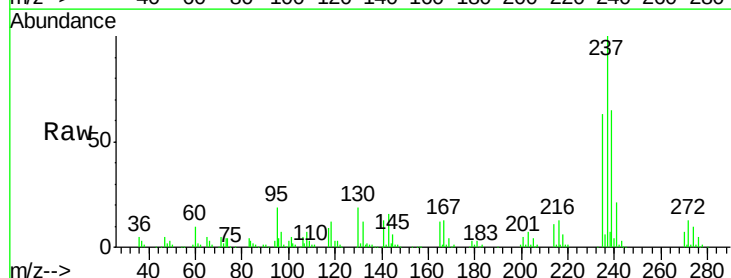
Tgt Ion:237 Resp: 274558

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

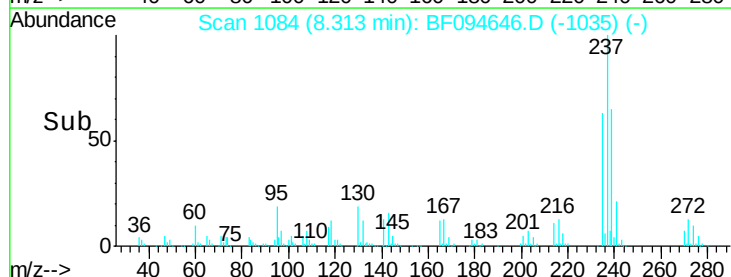
272 13.3 0.0 31.9



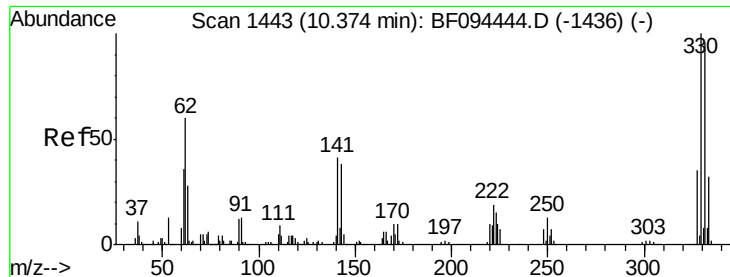
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



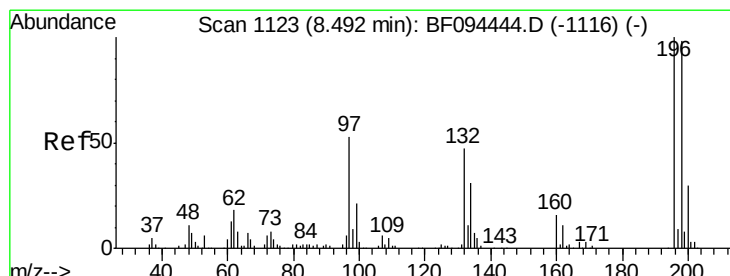
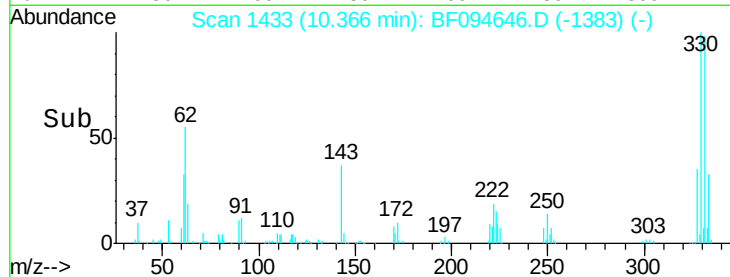
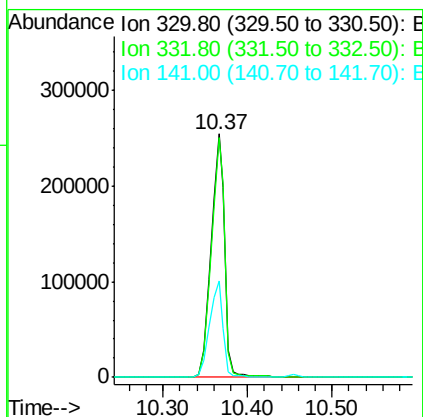
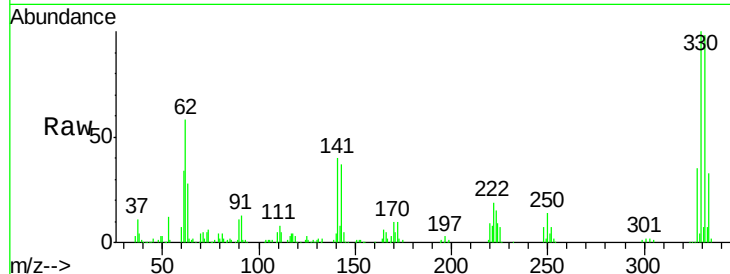
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 150.75 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

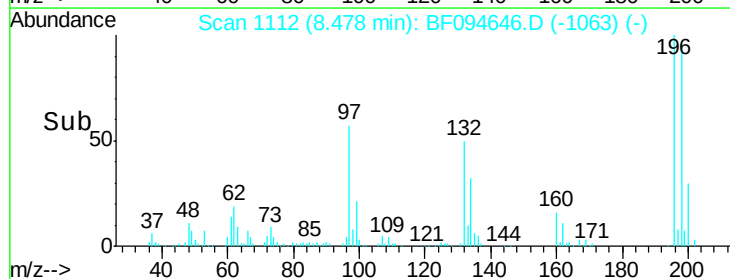
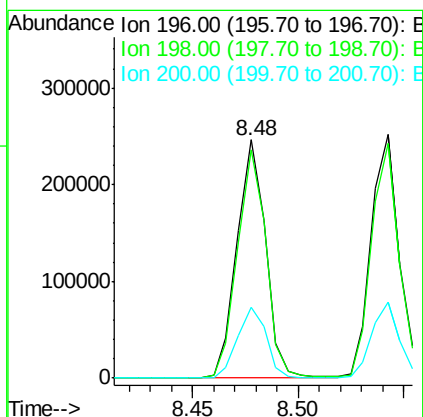
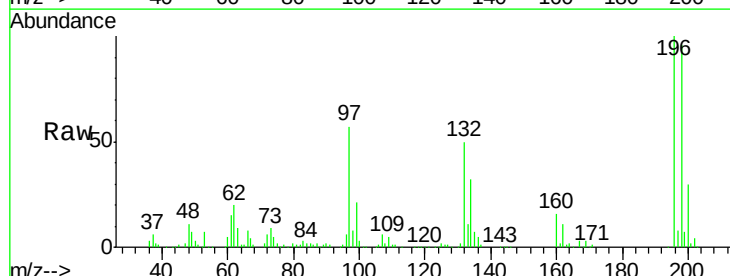
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

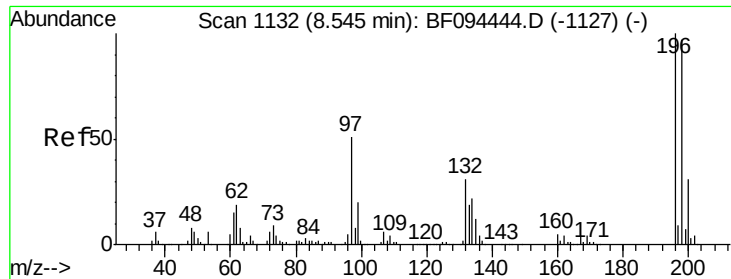
Tot Ion:330 Resp: 293049
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.79 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:196 Resp: 232540
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.0 24.0 36.0

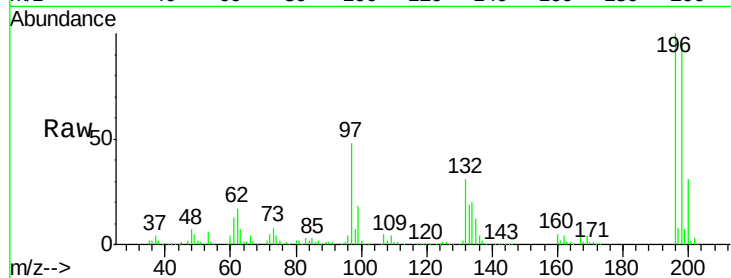




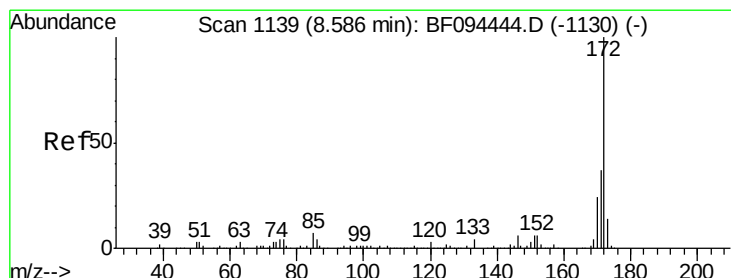
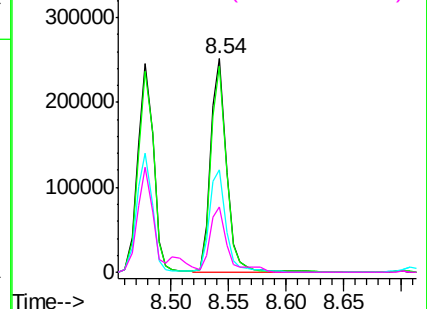
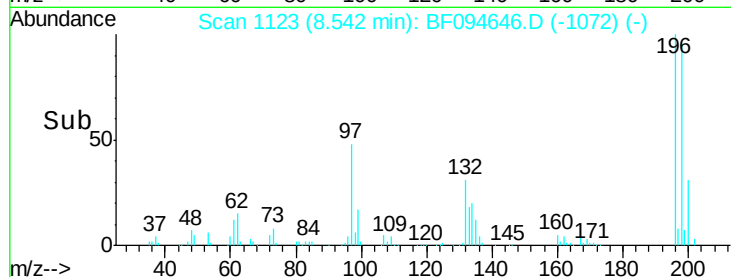
#43
 2,4,5-Trichlorophenol
 Concen: 47.68 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

Tot Ion:196	Resp:	243356
Ion	Ratio	Lower Upper
196	100	
198	96.4	75.7 113.5
97	47.8	47.7 71.5
132	30.5	28.0 42.0

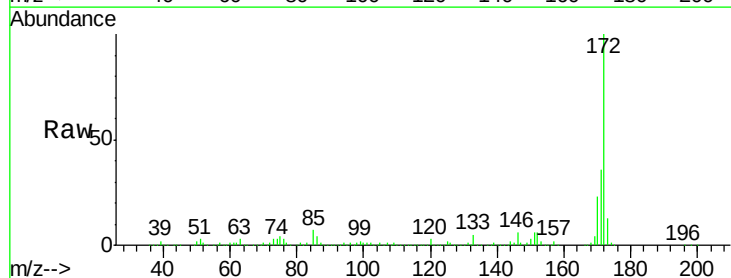


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

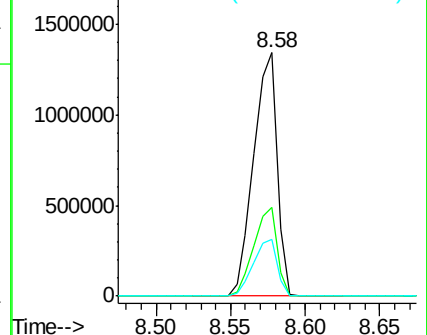
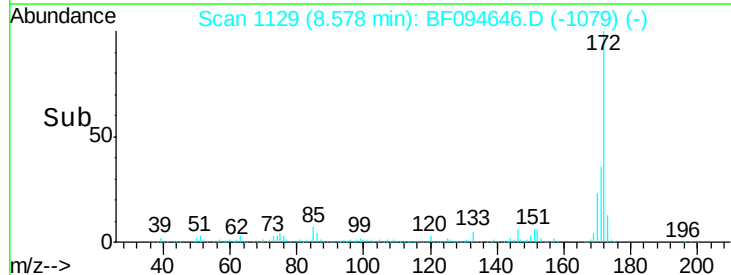


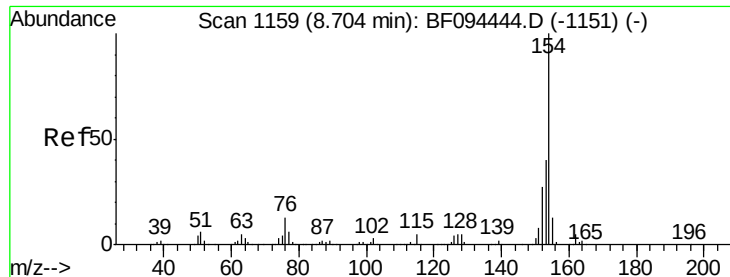
#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:172	Resp:	1457371
Ion	Ratio	Lower Upper
172	100	
171	36.3	29.6 44.4
170	23.5	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: 43.32 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

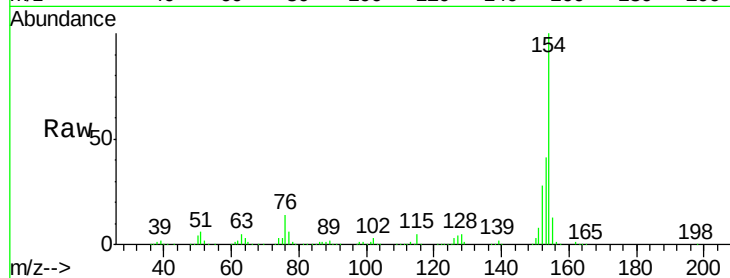
Tot Ion:154 Resp: 879620

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

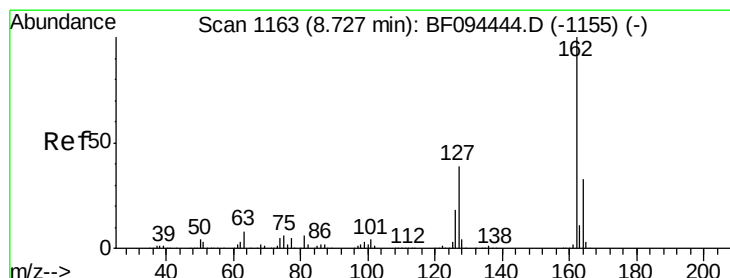
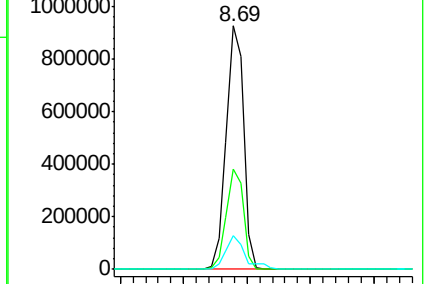
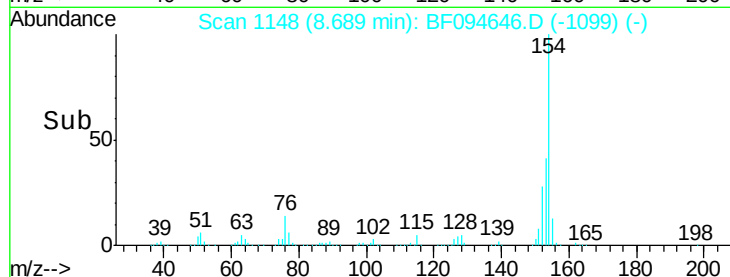
76 13.7 0.0 29.9



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: 43.99 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

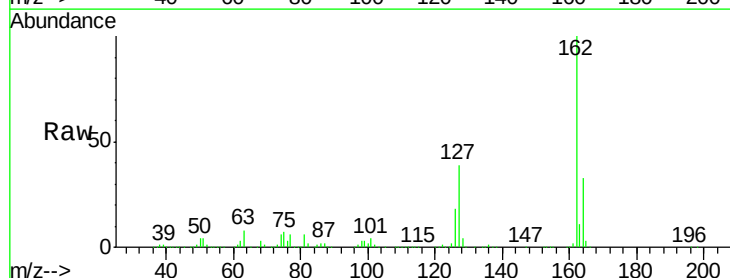
Tgt Ion:162 Resp: 710297

Ion Ratio Lower Upper

162 100

127 39.2 28.3 42.5

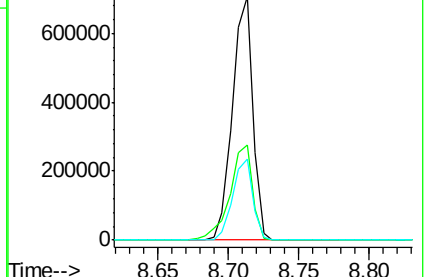
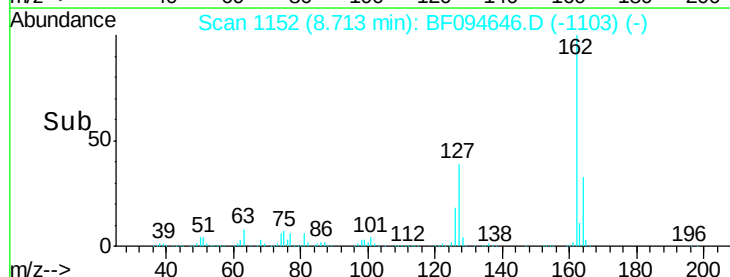
164 33.4 27.0 40.4

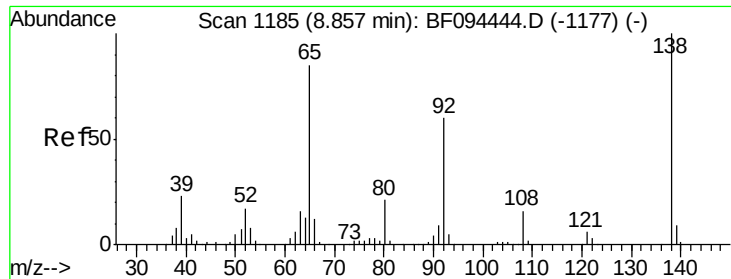


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

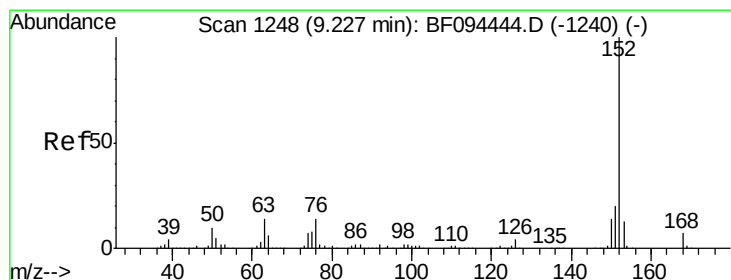
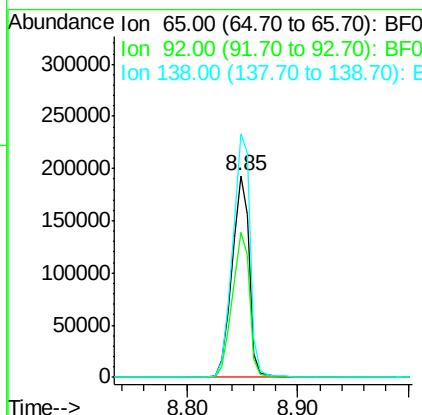
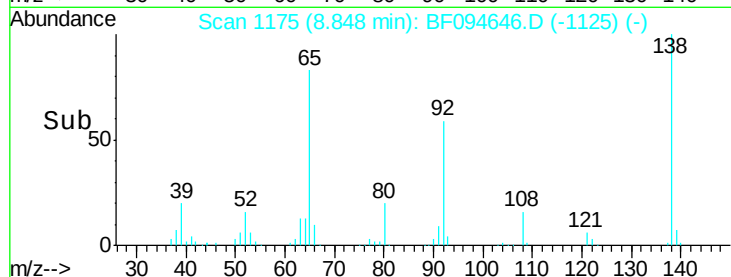
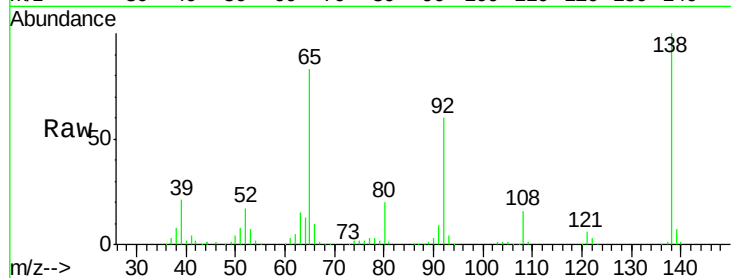




#47
 2-Nitroaniline
 Concen: 45.53 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

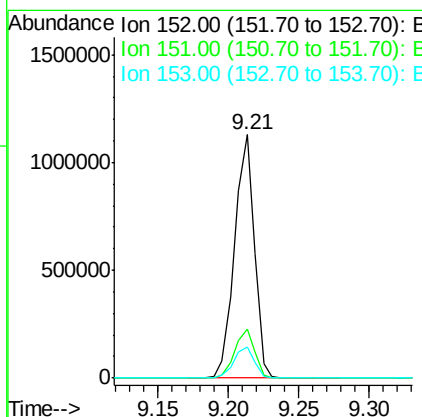
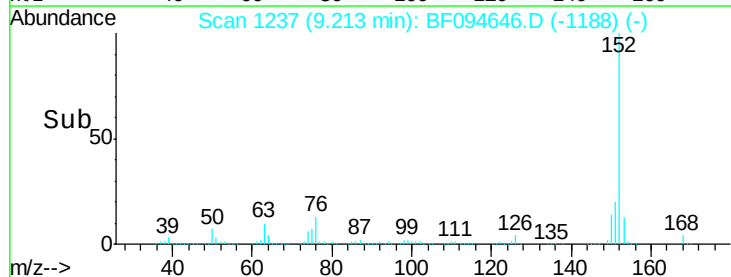
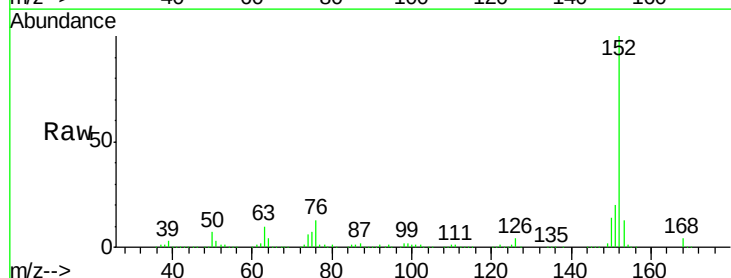
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

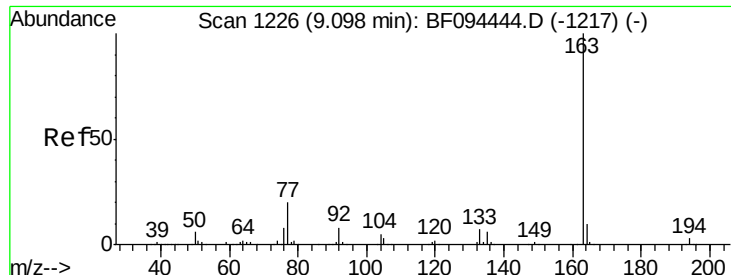
Tot Ion: 65 Resp: 211447
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 120.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.73 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion: 152 Resp: 1100737
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.0 10.8 16.2

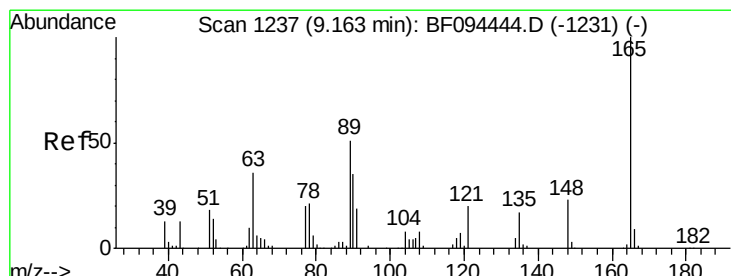
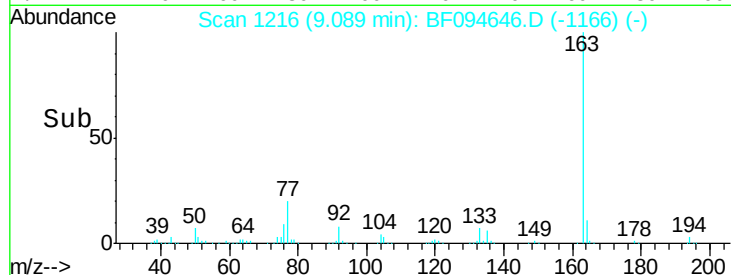
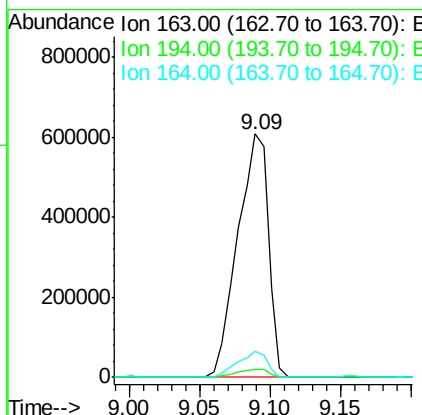
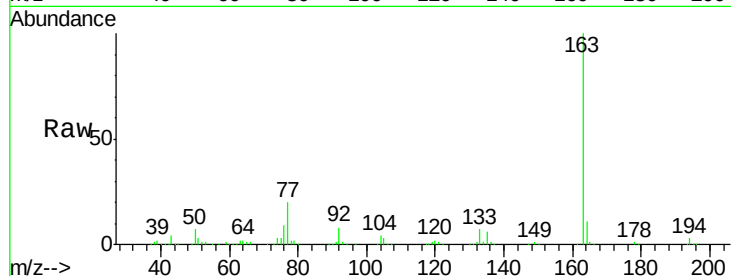




#49
Dimethylphthalate
Concen: 50.00 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

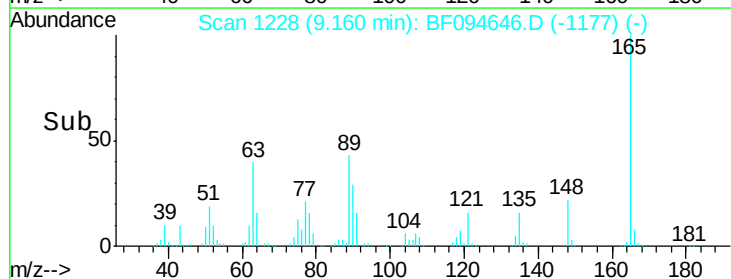
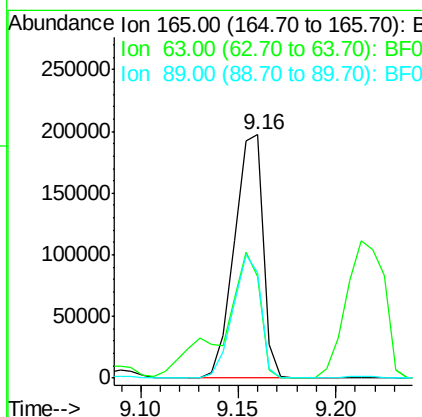
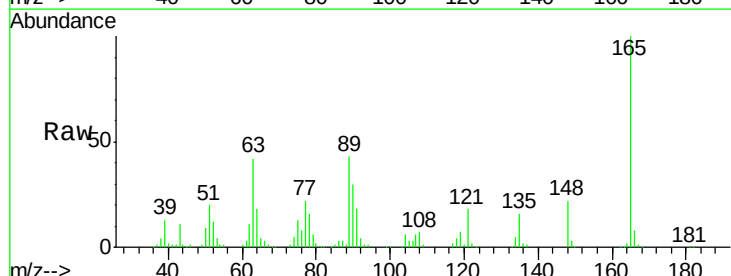
Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

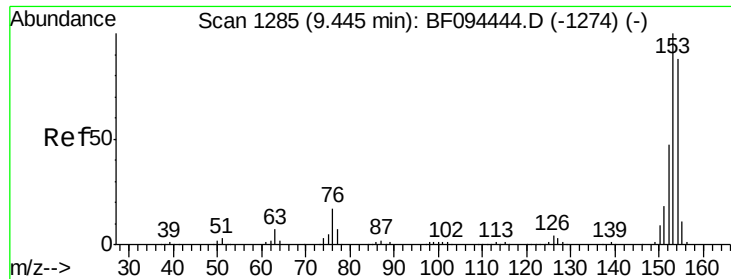
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 48.46 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	34.3	51.5
89	43.2	37.1	55.7

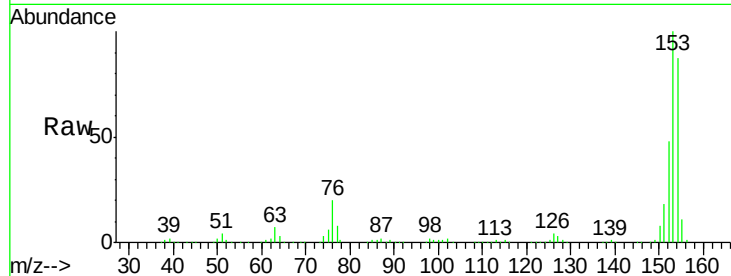




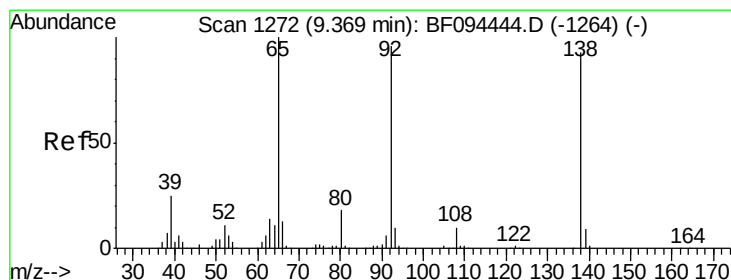
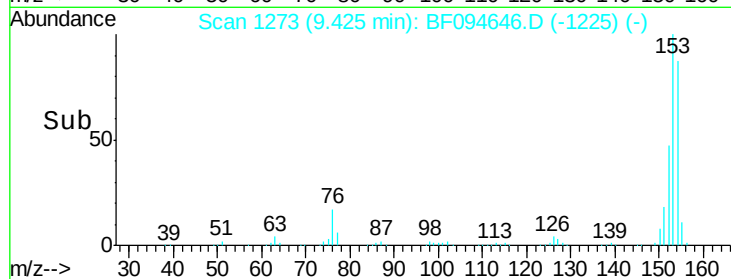
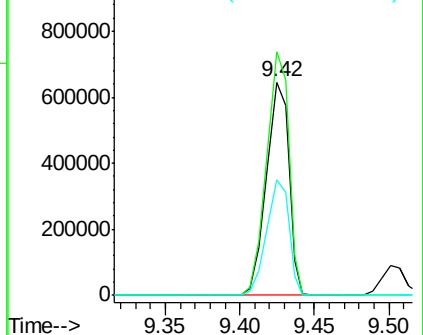
#51
Acenaphthene
Concen: 44.61 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion:154 Resp: 672441
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 54.3 43.6 65.4

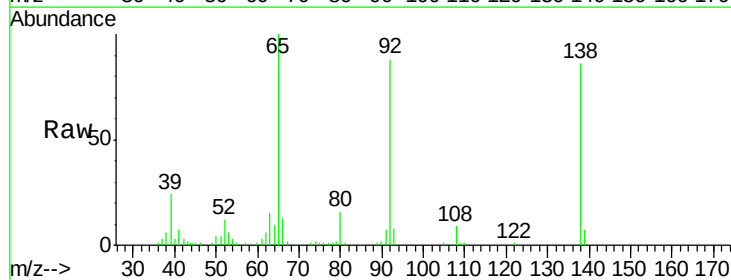


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

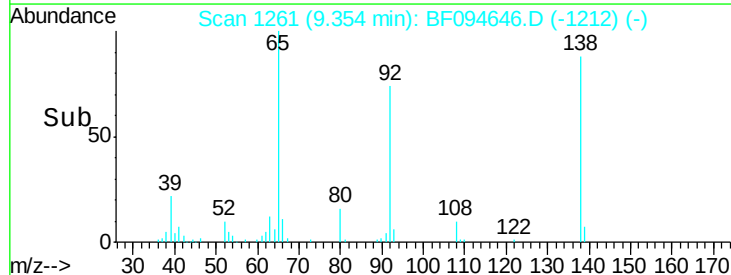
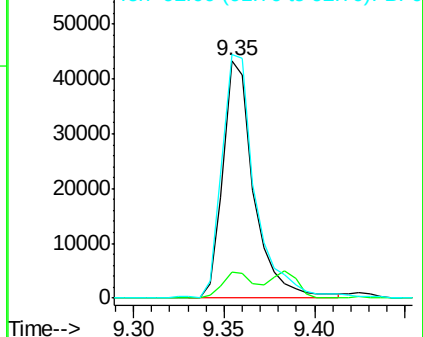


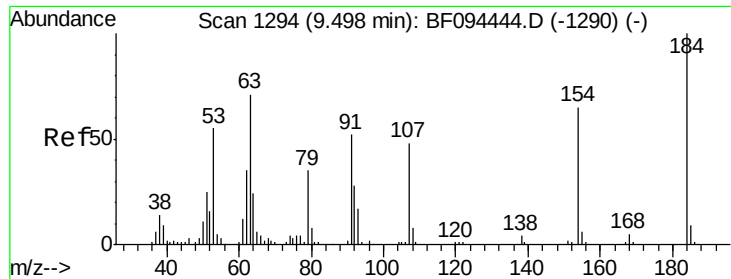
#52
3-Nitroaniline
Concen: 10.75 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:138 Resp: 51708
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 102.4 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

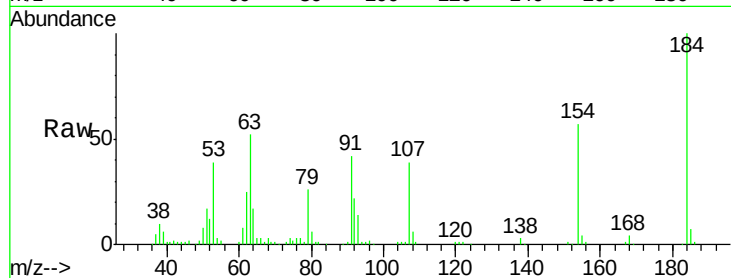




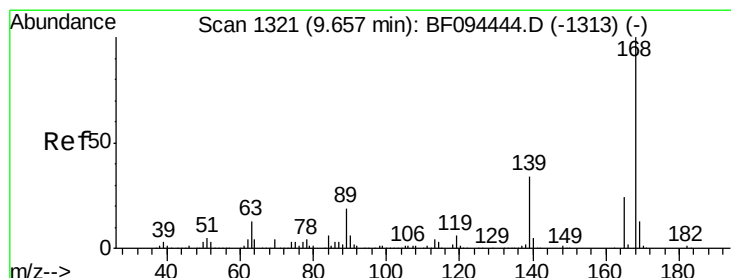
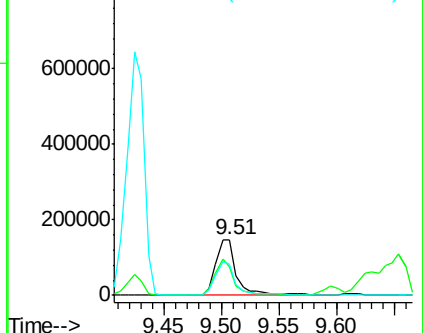
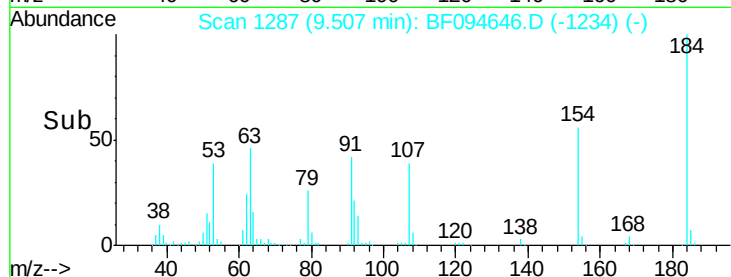
#53
 2,4-Dinitrophenol
 Concen: 83.91 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

Tot Ion:184 Resp: 189958
 Ion Ratio Lower Upper
 184 100
 63 51.7 62.7 94.1#
 154 56.6 81.1 121.7#

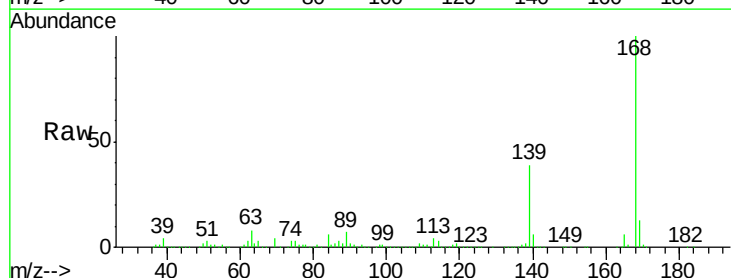


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

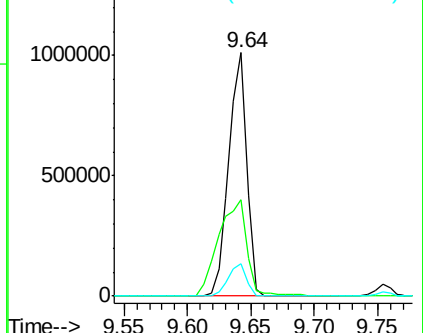
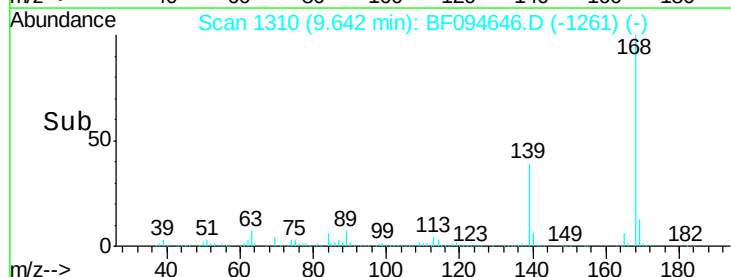


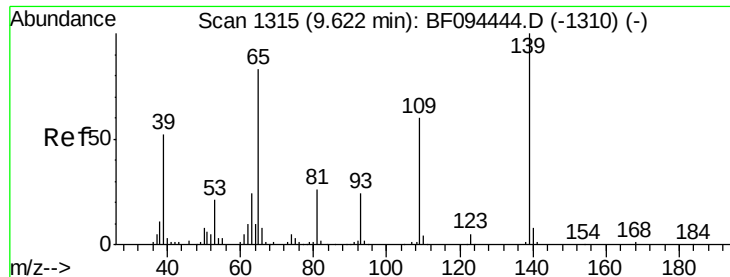
#54
 Dibenzofuran
 Concen: 45.26 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:168 Resp: 991683
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.6 45.8
 169 13.4 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

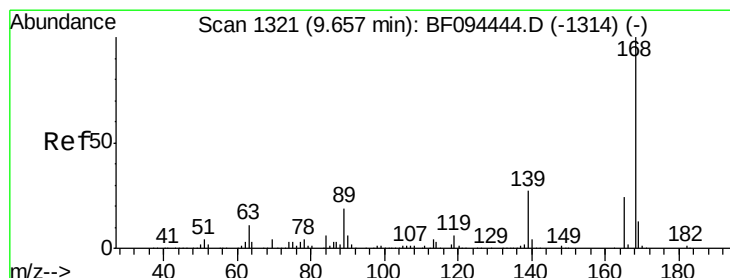
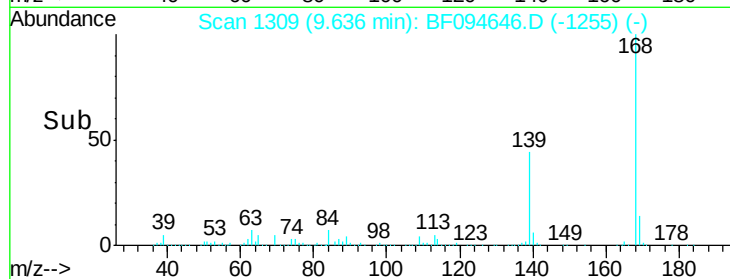
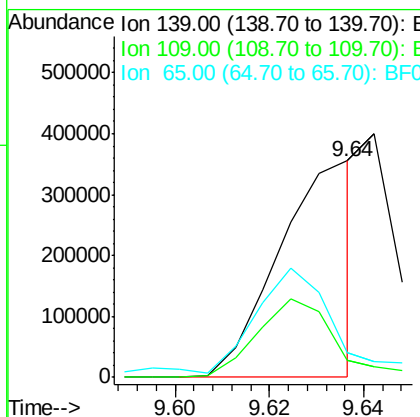
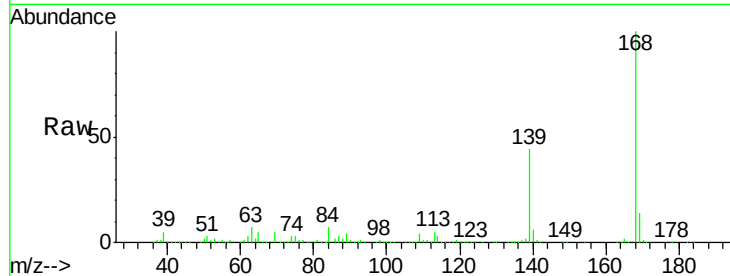




#55
4-Nitrophenol
Concen: 118.47 ng/mL
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

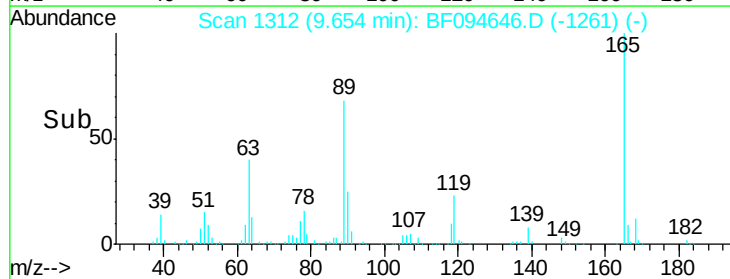
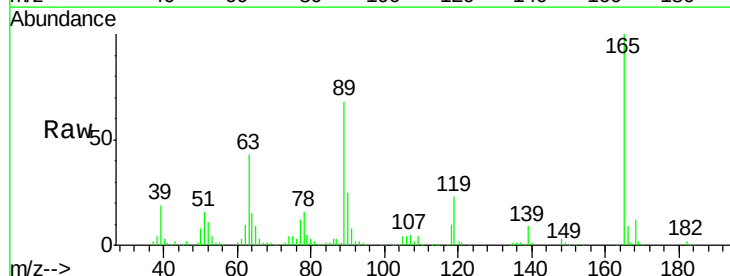
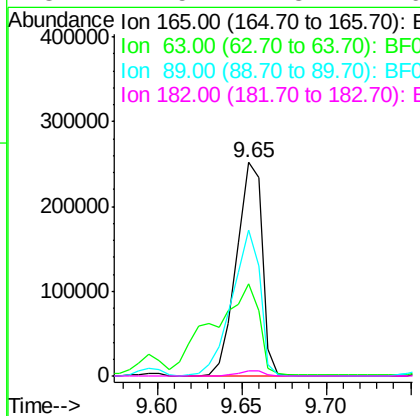
Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

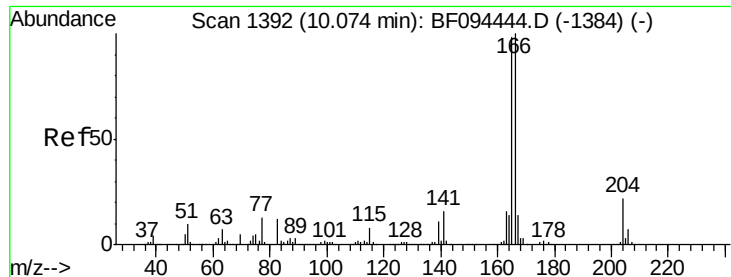
Tot Ion	Ratio	Lower	Upper
139	100		
109	8.1	34.1	74.1#
65	11.4	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 52.48 ng/mL
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	25.4	38.0#
89	68.1	46.4	69.6
182	2.5	1.8	2.6





#57

Fluorene

Concen: 44.73 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

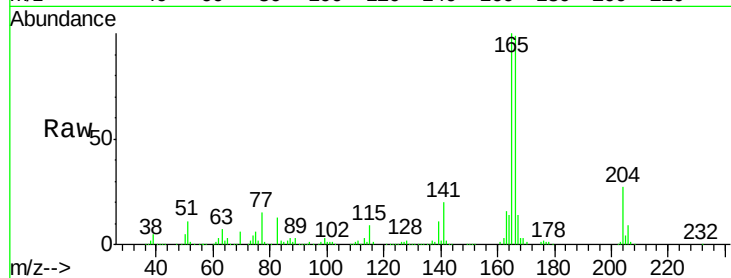
Tot Ion:166 Resp: 763169

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

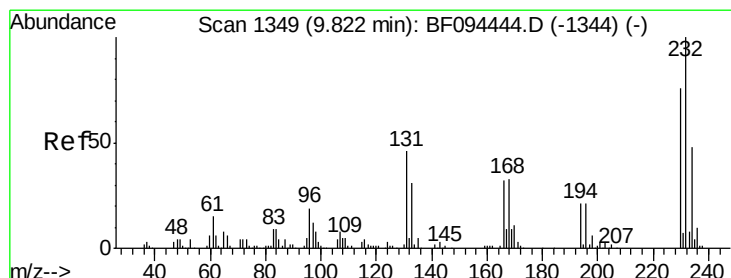
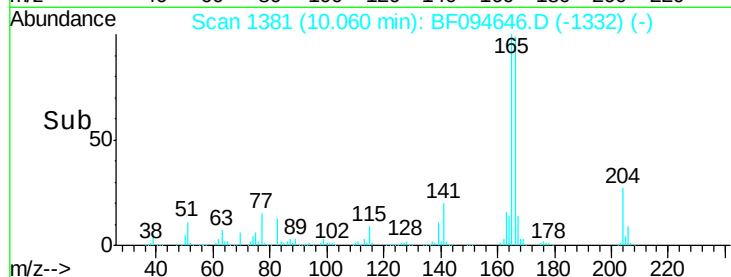
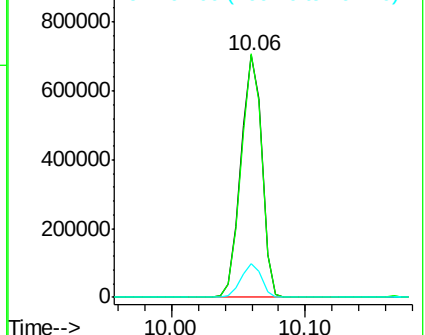
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.41 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Tgt Ion:232 Resp: 180735

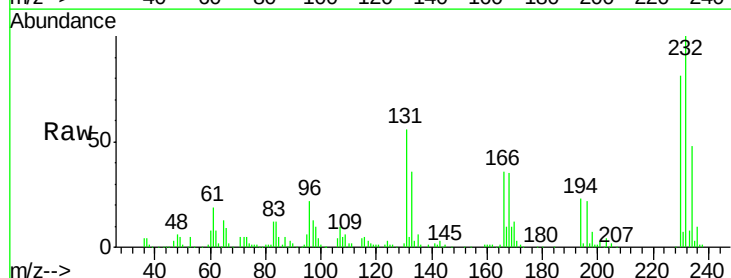
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.4 2.3 3.5

166 35.7 29.0 43.4

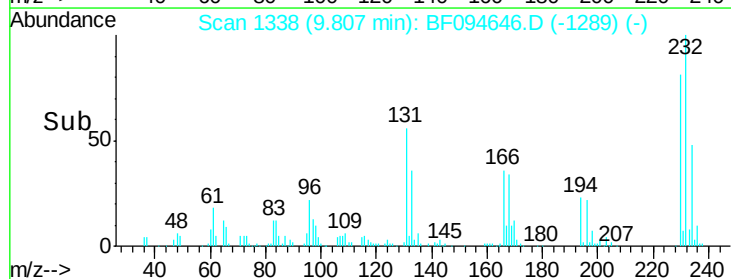
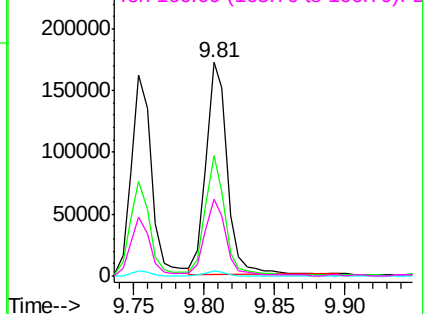


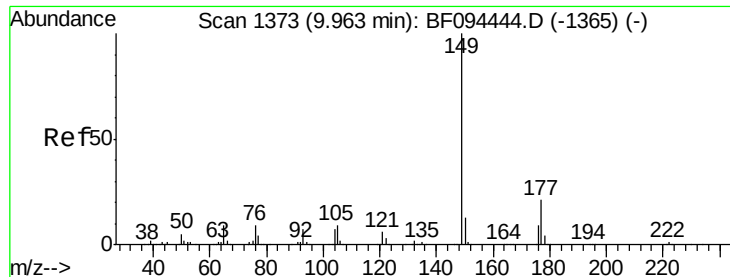
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.67 ng

RT: 9.95 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

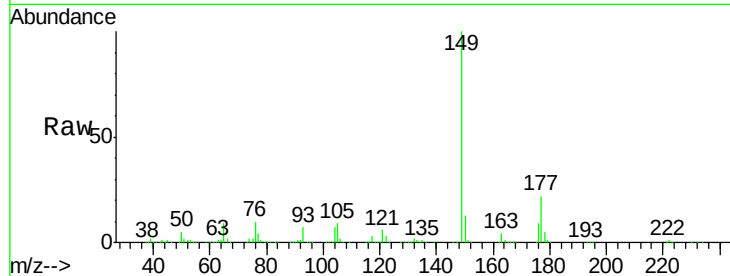
Tot Ion:149 Resp: 868058

Ion Ratio Lower Upper

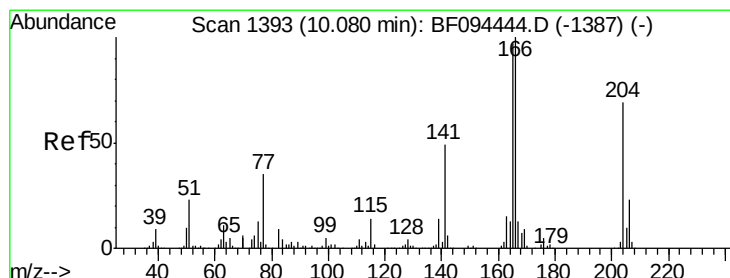
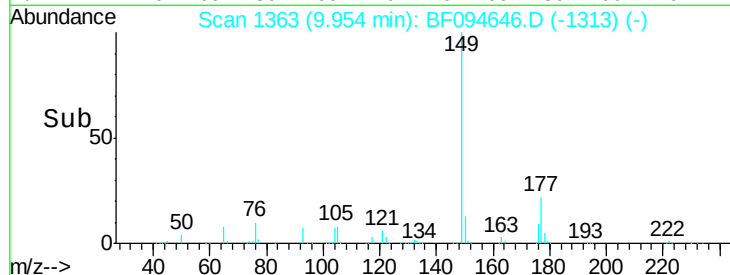
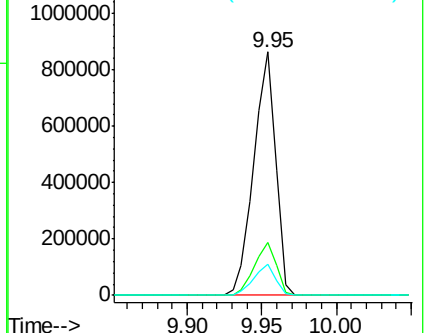
149 100

177 21.7 16.7 25.1

150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.85 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

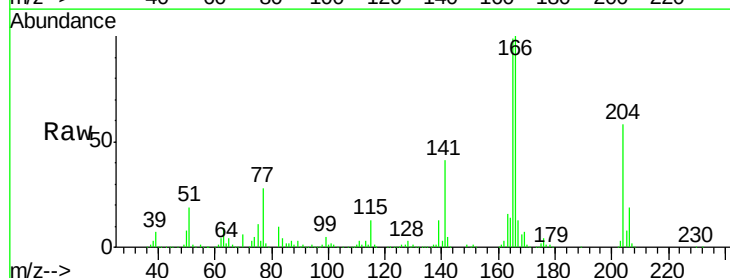
Tgt Ion:204 Resp: 332666

Ion Ratio Lower Upper

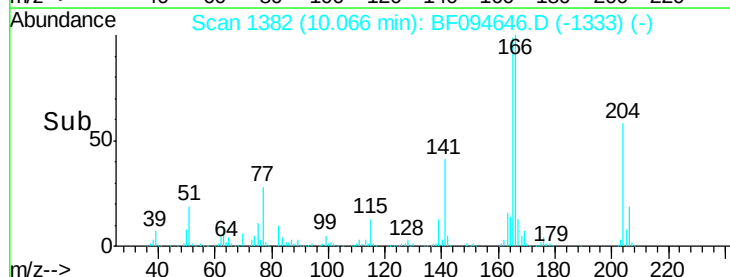
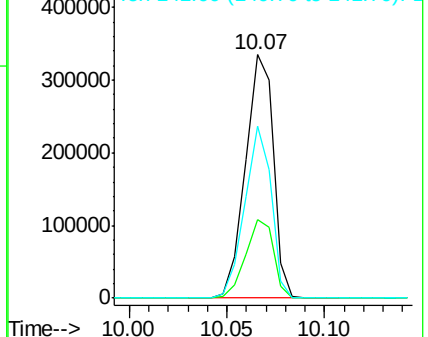
204 100

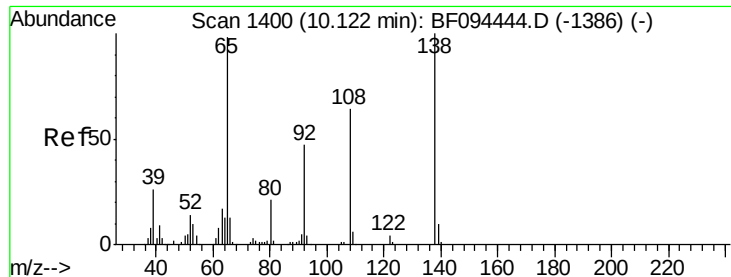
206 32.1 26.2 39.2

141 70.6 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

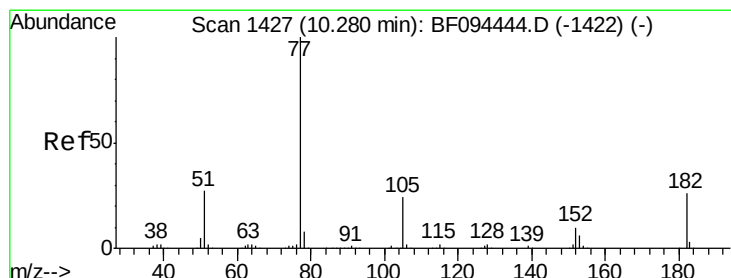
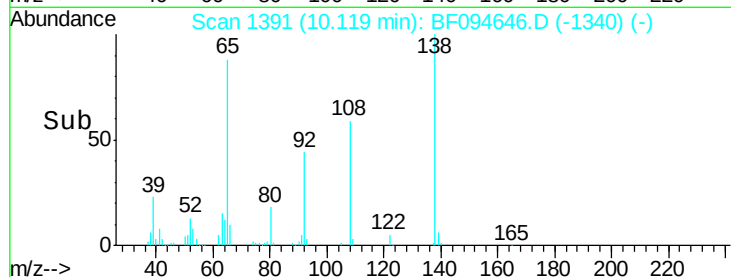
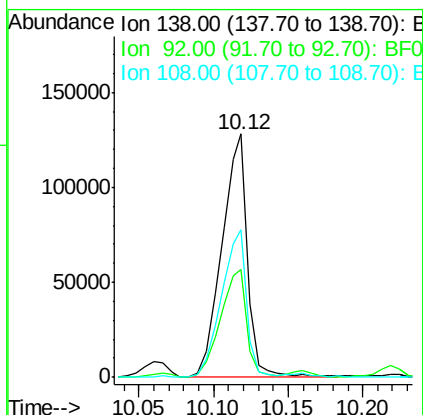
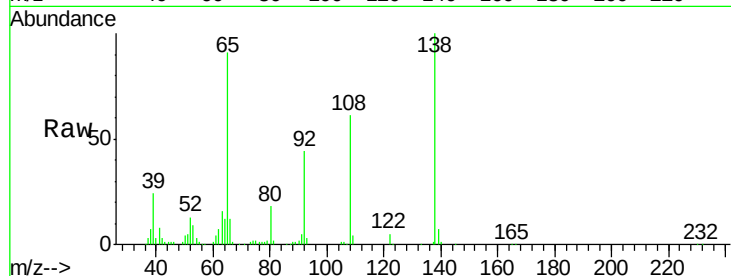




#61
4-Nitroaniline
Concen: 31.74 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

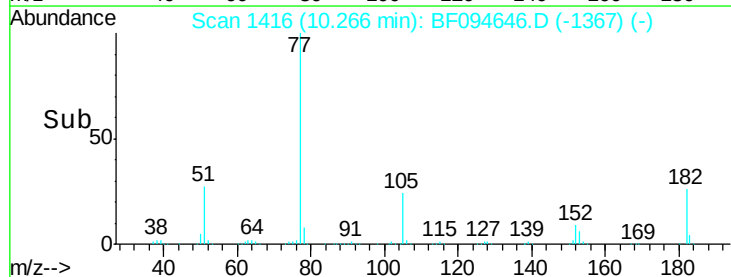
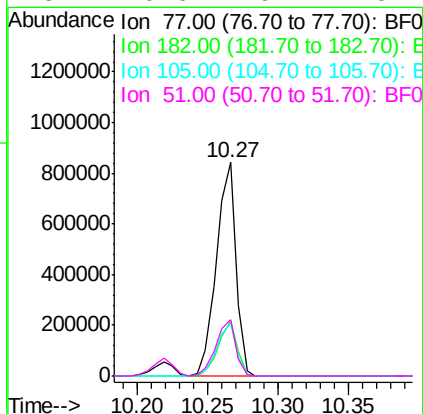
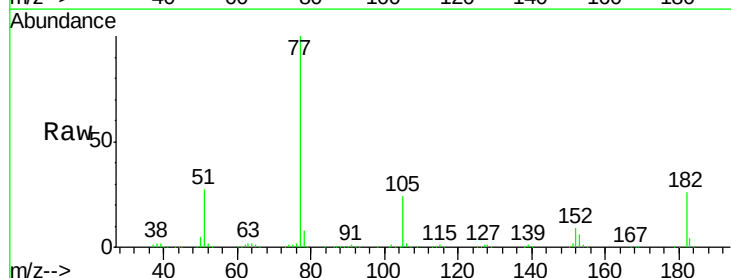
Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

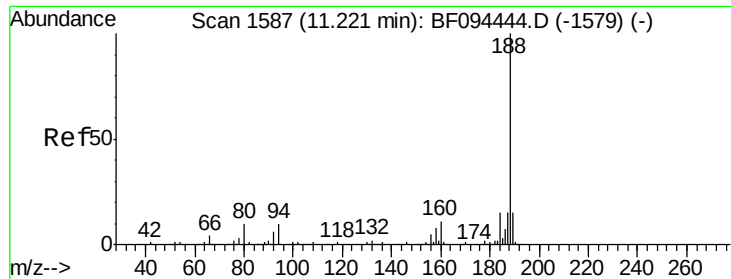
Tot Ion:138 Resp: 155192
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 60.6 42.3 82.3



#62
Azobenzene
Concen: 47.94 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion: 77 Resp: 813455
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.4 3.6 43.6
51 26.6 9.4 49.4

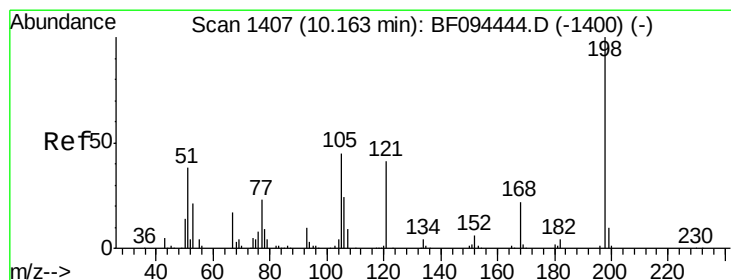
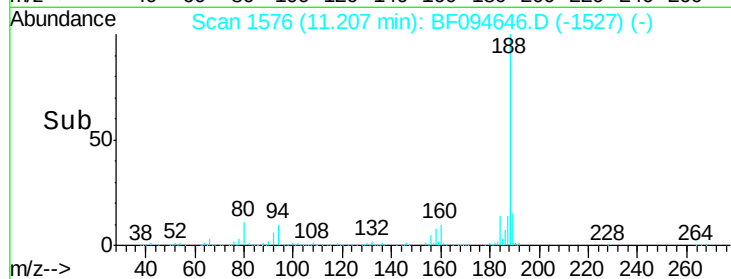
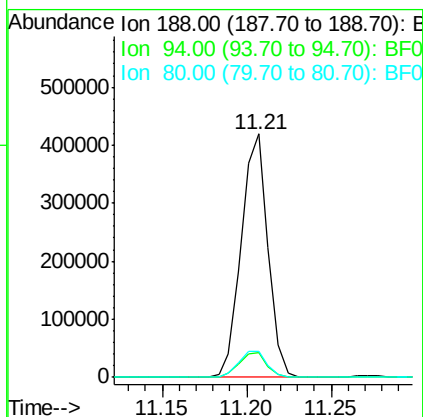
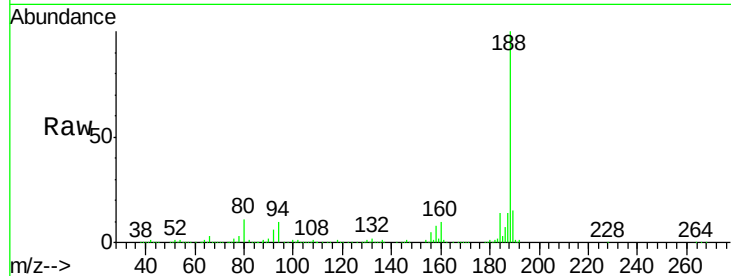




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

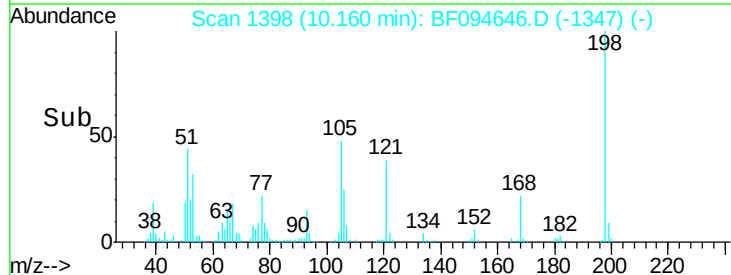
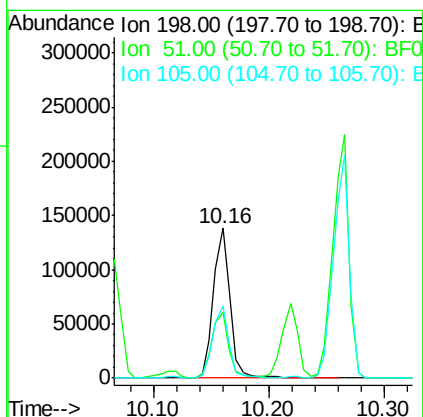
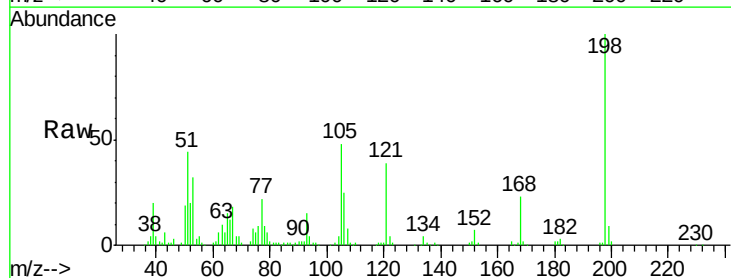
Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

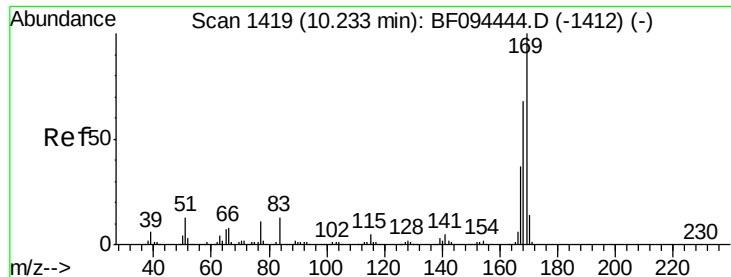
Tot Ion:188 Resp: 460290
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.80 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:198 Resp: 138124
Ion Ratio Lower Upper
198 100
51 43.9 53.2 93.2#
105 48.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 32.12 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

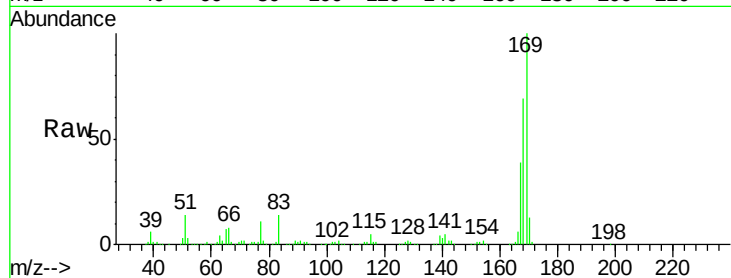
Tot Ion:169 Resp: 514132

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

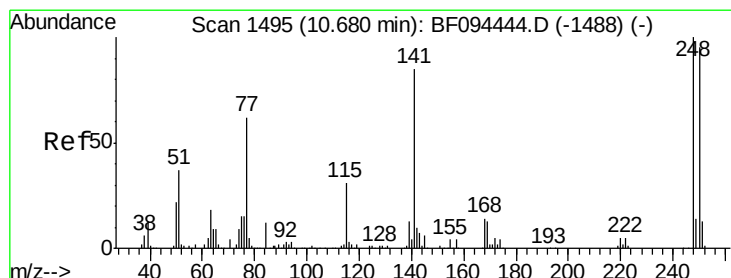
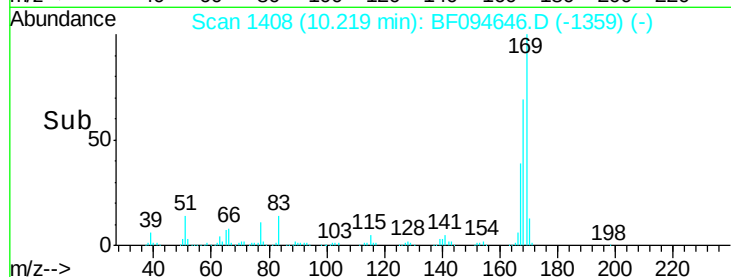
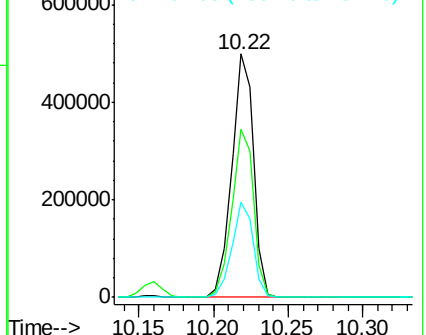
167 38.8 29.5 44.3



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: 47.00 ng

RT: 10.67 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

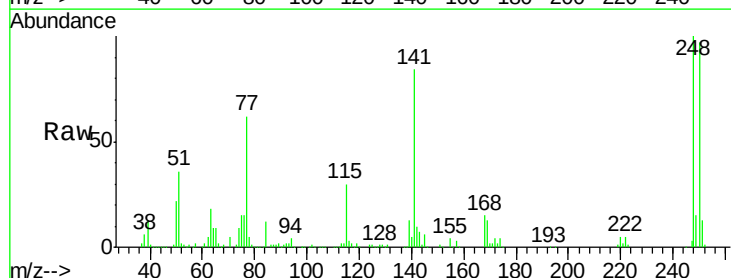
Tgt Ion:248 Resp: 214826

Ion Ratio Lower Upper

248 100

250 96.9 76.8 115.2

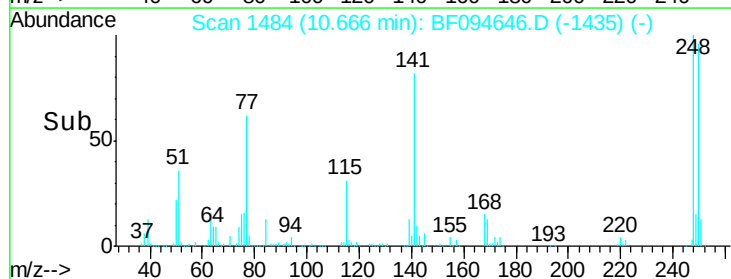
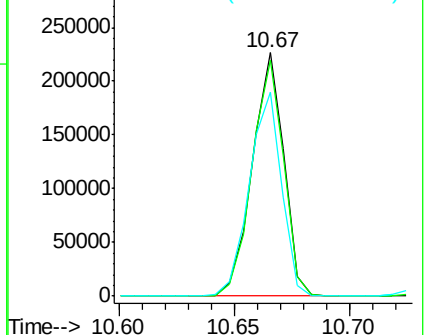
141 83.6 68.6 103.0

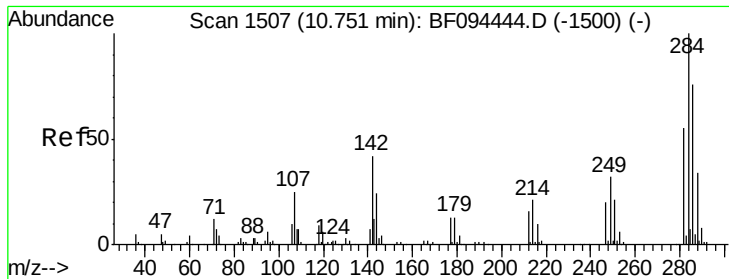


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.68 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

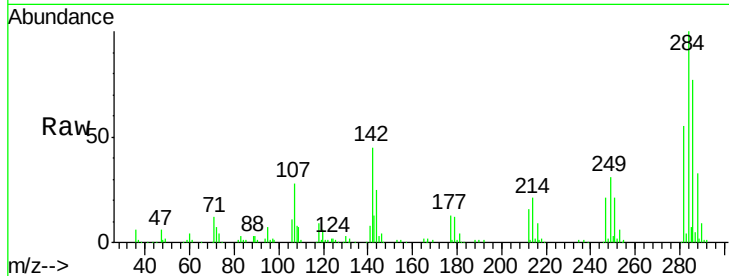
Tot Ion:284 Resp: 215031

Ion Ratio Lower Upper

284 100

142 44.6 22.8 34.2#

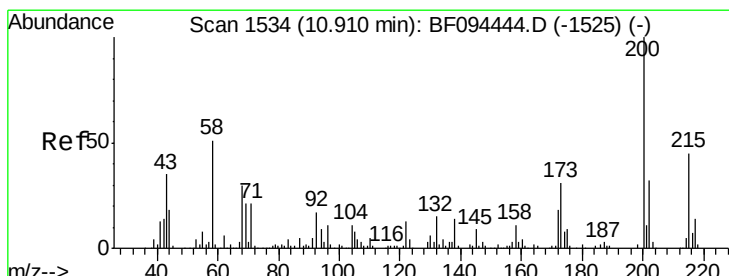
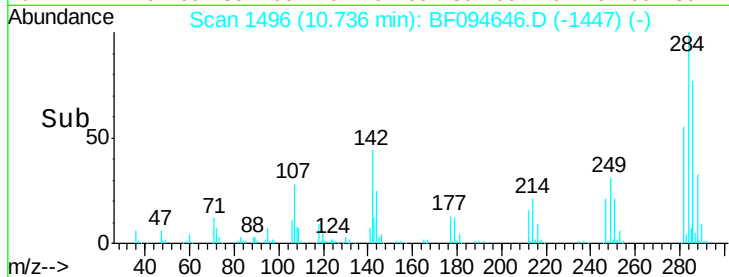
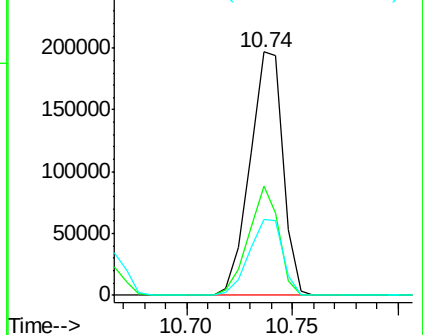
249 31.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 23.82 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

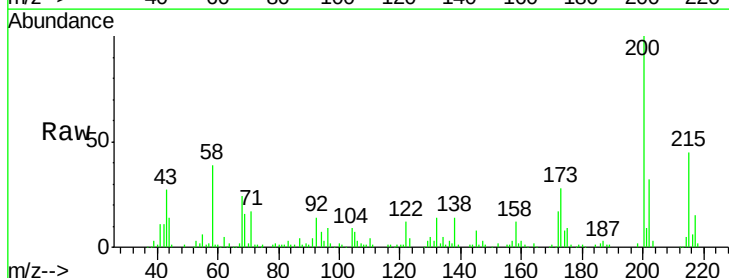
Tgt Ion:200 Resp: 114075

Ion Ratio Lower Upper

200 100

173 27.6 6.3 46.3

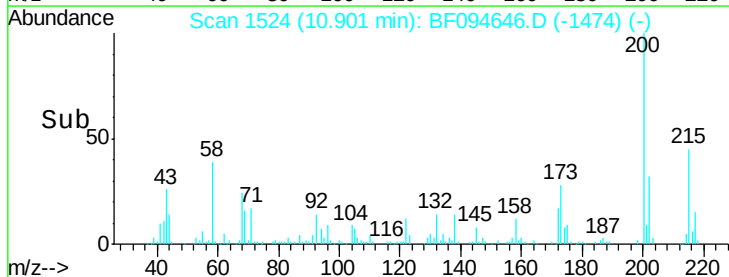
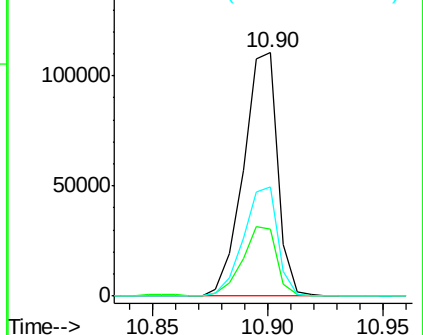
215 44.7 27.2 67.2

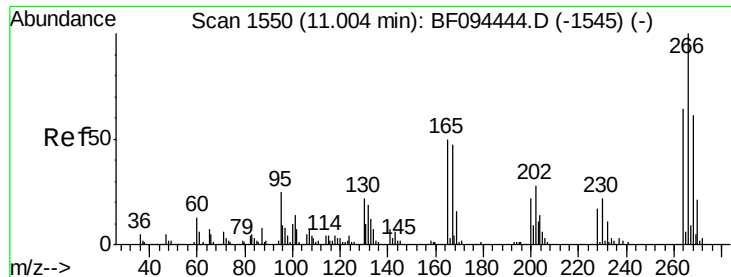


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

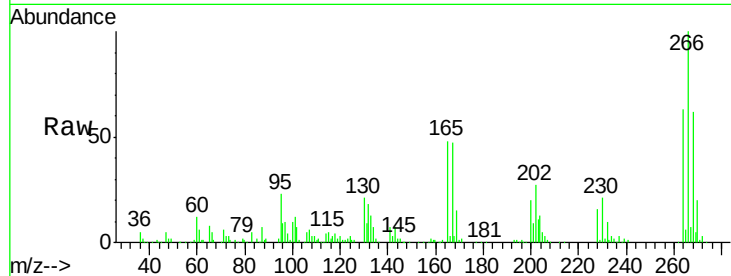




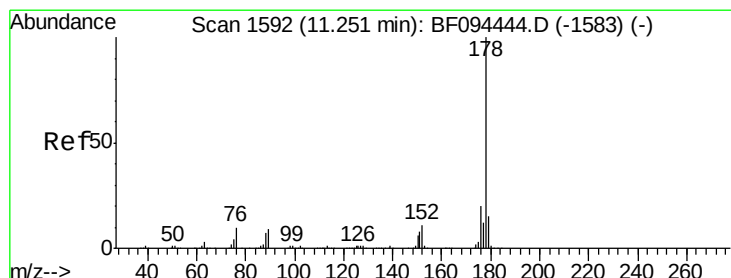
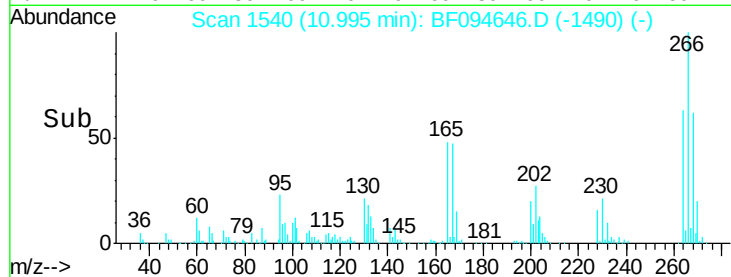
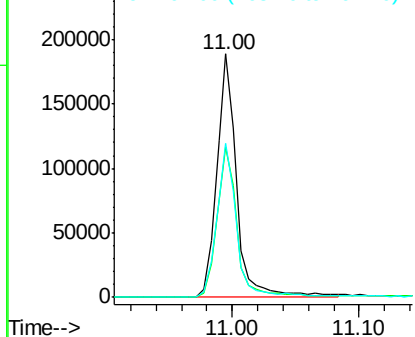
#69
 Pentachlorophenol
 Concen: 113.75 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

Tot Ion:266 Resp: 208038
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 63.1 51.7 77.5

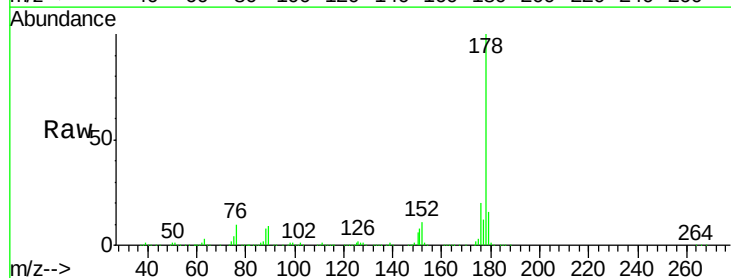


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

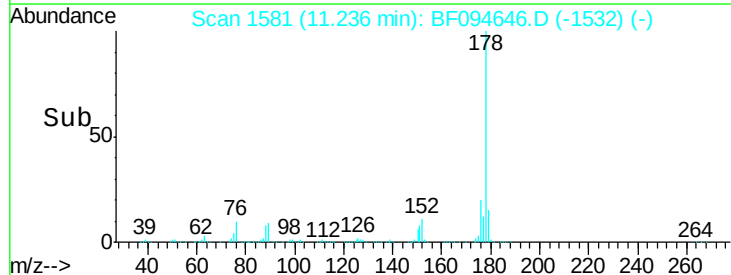
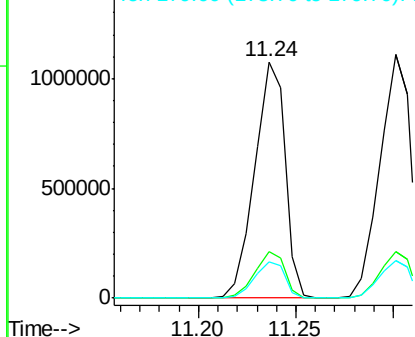


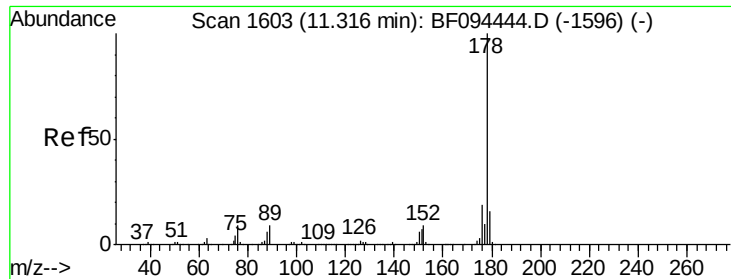
#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:178 Resp: 1162715
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 12.6 19.0



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

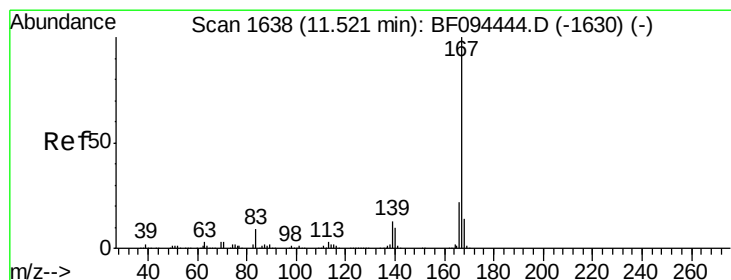
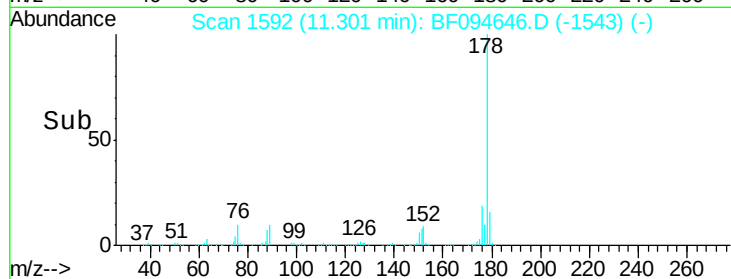
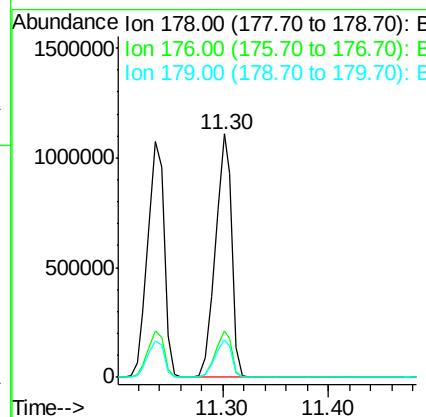
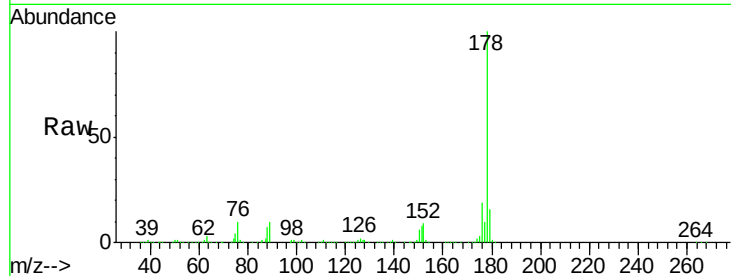




#71
 Anthracene
 Concen: 45.24 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

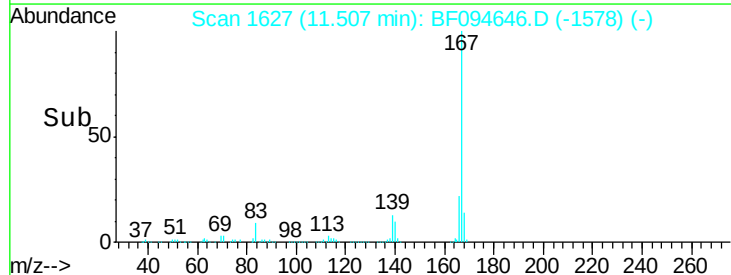
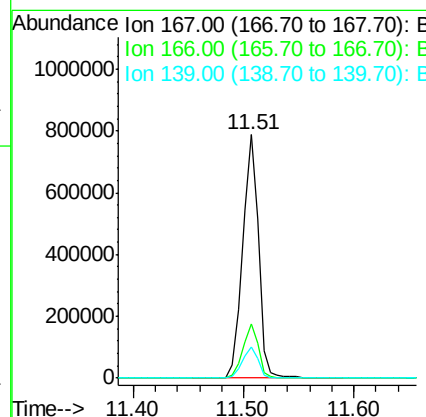
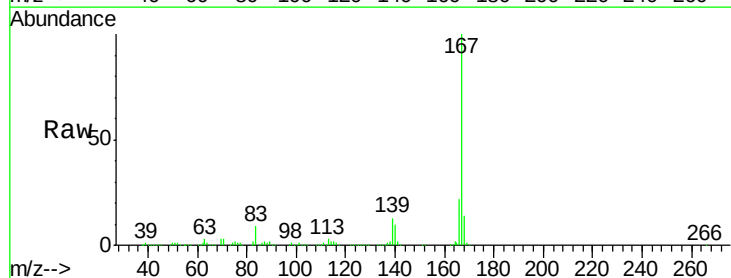
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

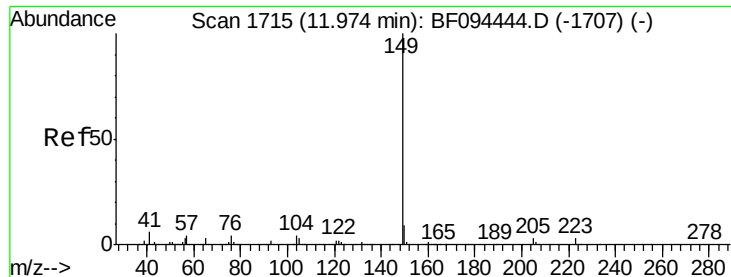
Tot Ion:178 Resp: 1212861
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 31.67 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:167 Resp: 797073
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.88 ng

RT: 11.96 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

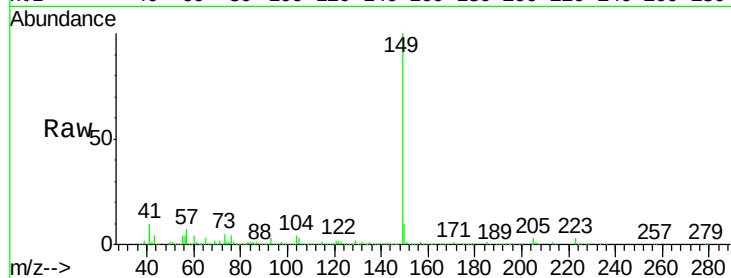
Tot Ion:149 Resp: 1382106

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

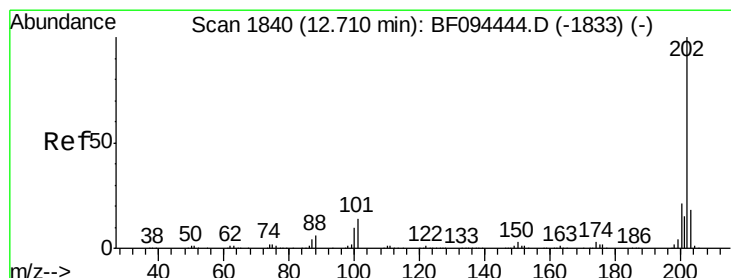
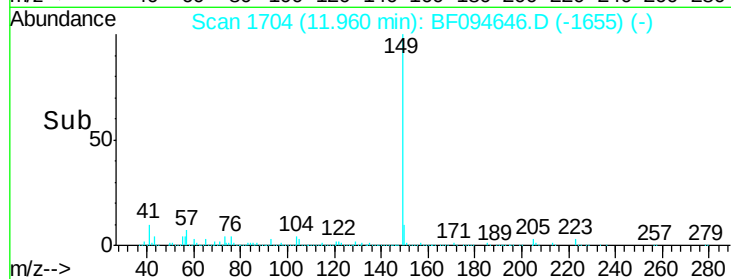
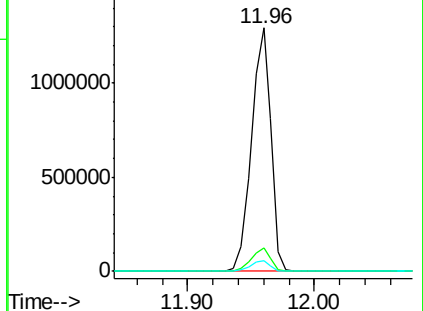
104 4.5 4.0 6.0



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: 45.21 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

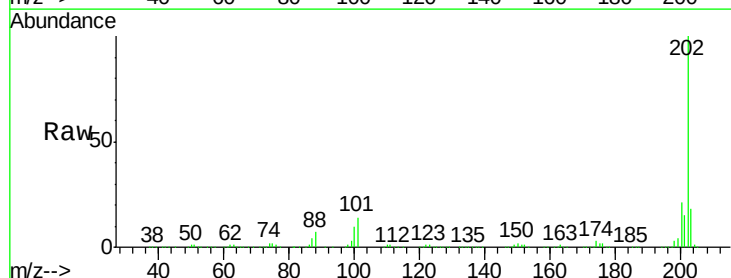
Tgt Ion:202 Resp: 1214654

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

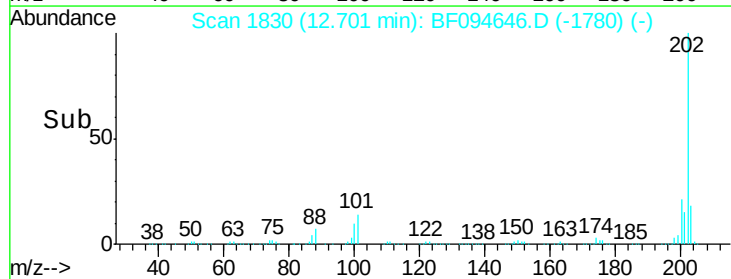
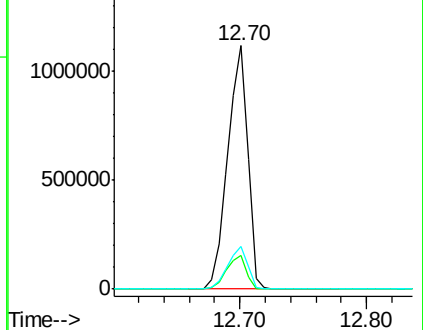
203 17.6 0.0 38.1

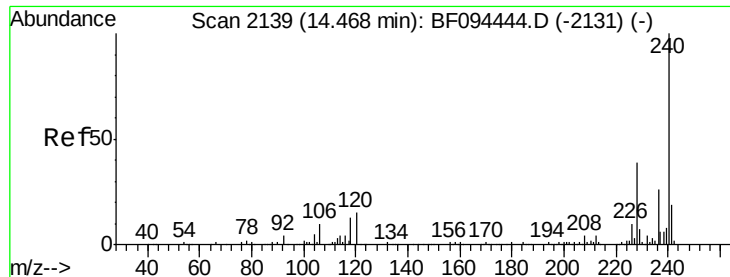


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

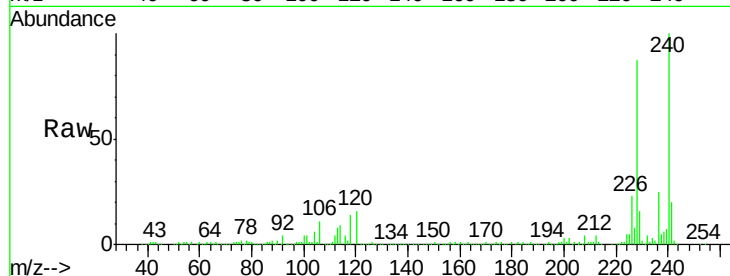




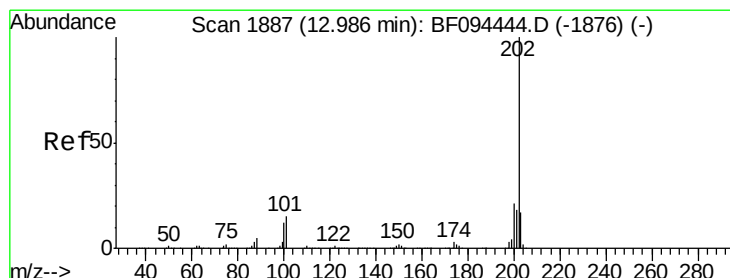
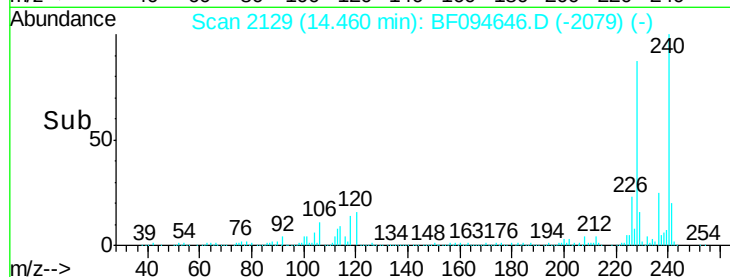
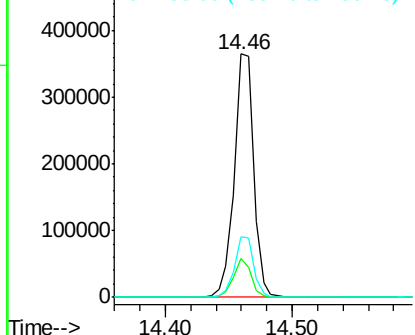
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion:240 Resp: 382941
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.0 20.5 30.7

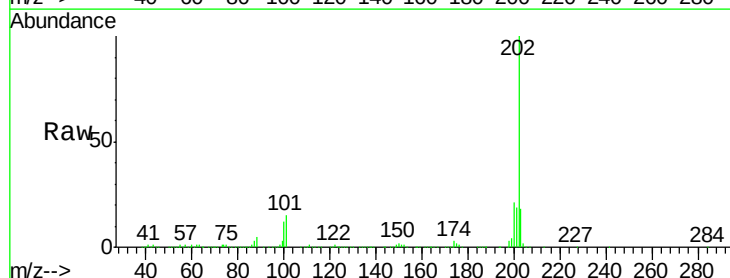


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

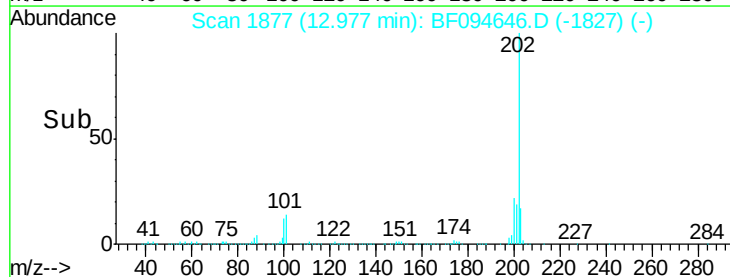
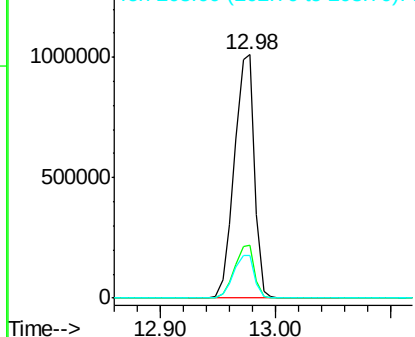


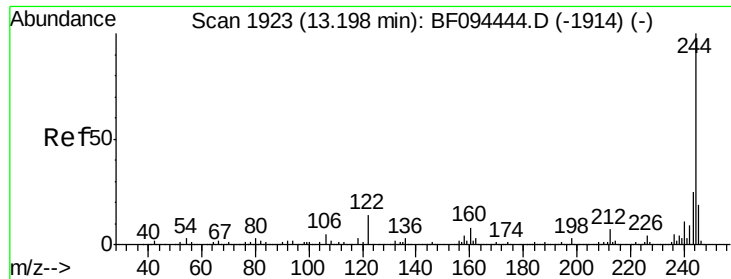
#77
Pyrene
Concen: 45.44 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:202 Resp: 1215801
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.5 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: 99.07 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

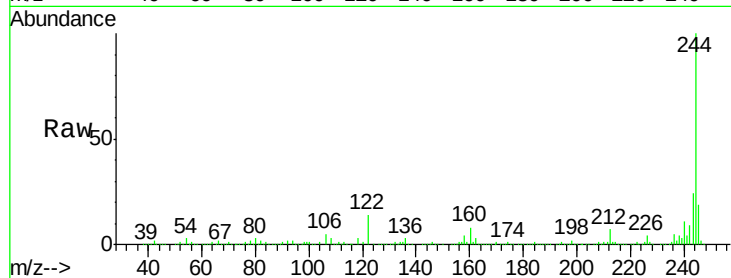
Tot Ion:244 Resp: 1419354

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

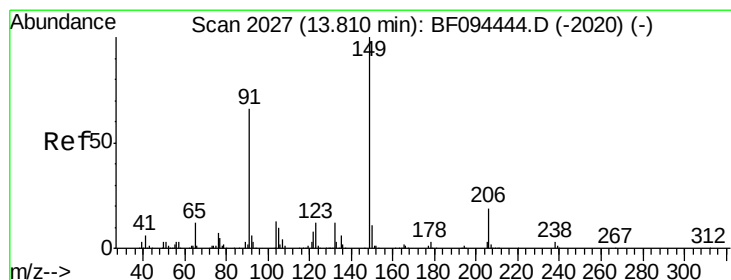
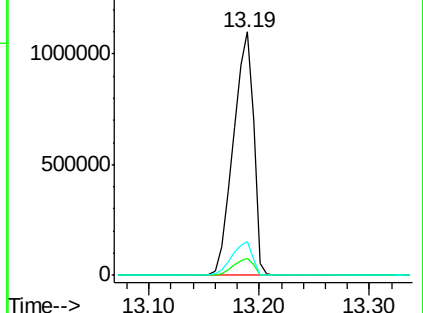
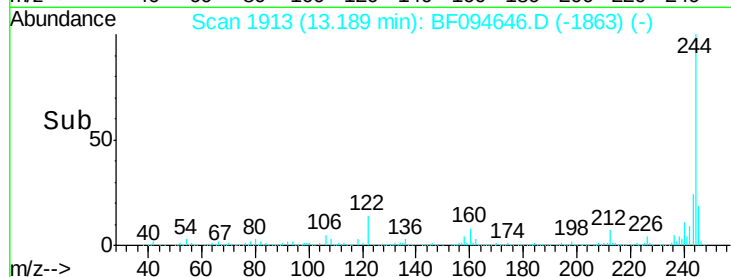
122 13.8 10.3 15.5



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: 52.31 ng

RT: 13.79 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

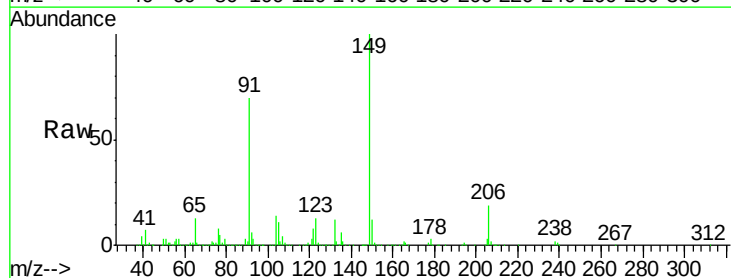
Tgt Ion:149 Resp: 613299

Ion Ratio Lower Upper

149 100

91 69.8 45.0 67.4#

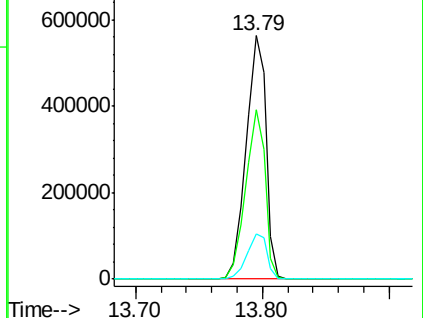
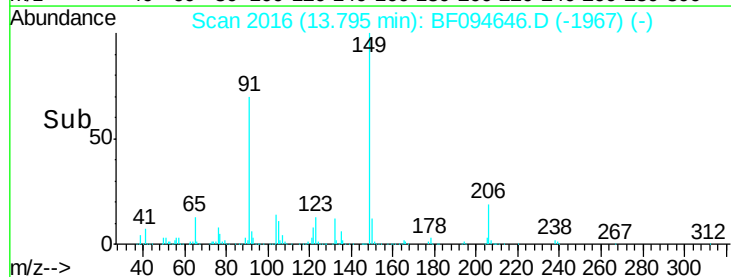
206 18.5 17.0 25.6

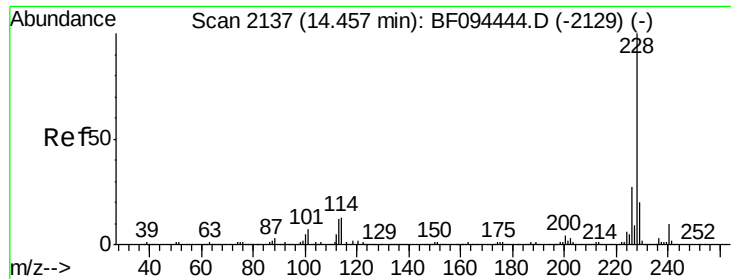


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

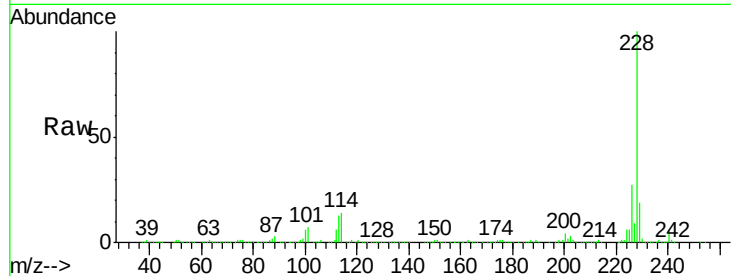




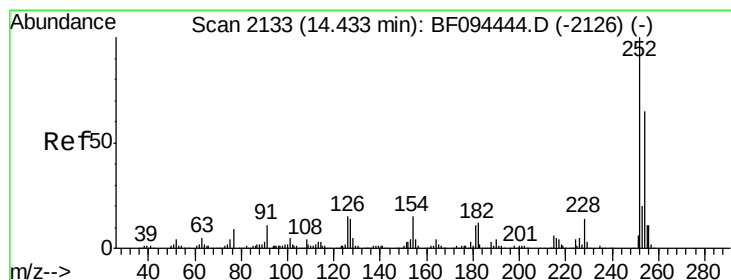
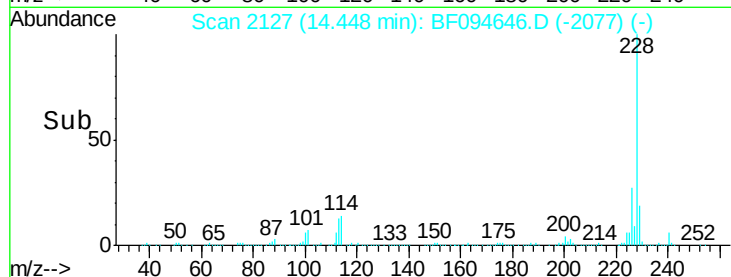
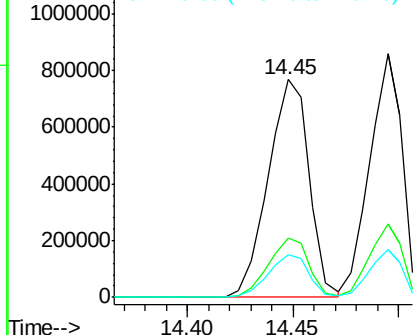
#80
Benzo(a)anthracene
Concen: 46.43 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion:228 Resp: 1033351
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.4 16.3 24.5

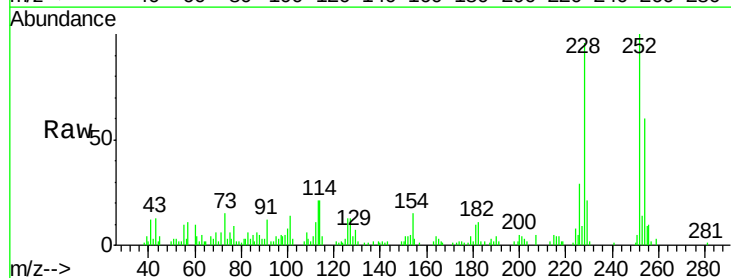


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

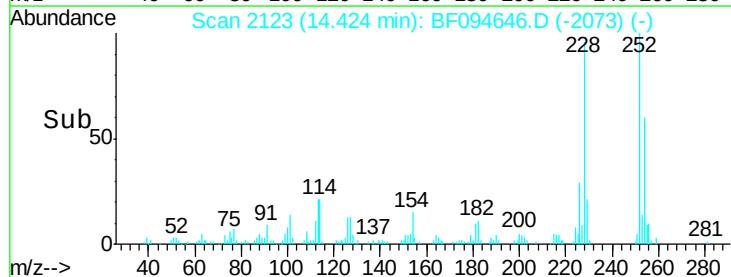
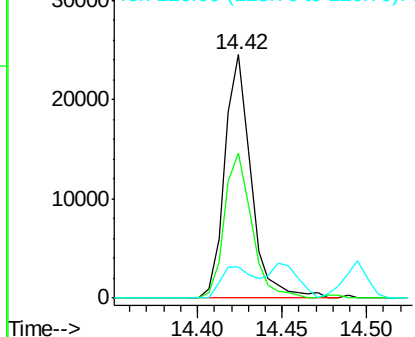


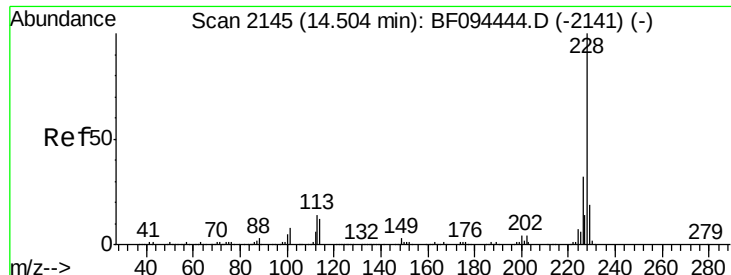
#81
3,3'-Dichlorobenzidine
Concen: 3.37 ng
RT: 14.42 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion:252 Resp: 26551
Ion Ratio Lower Upper
252 100
254 59.6 51.5 77.3
126 12.6 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

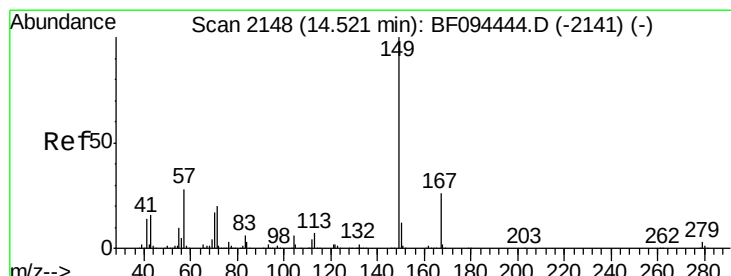
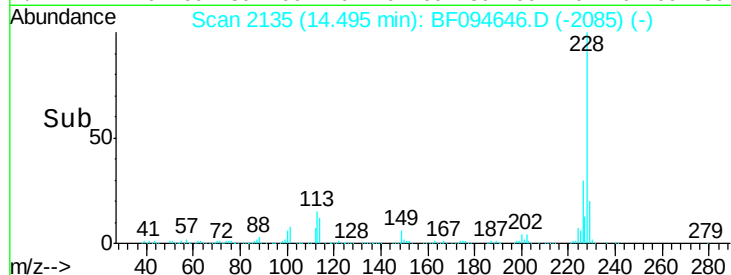
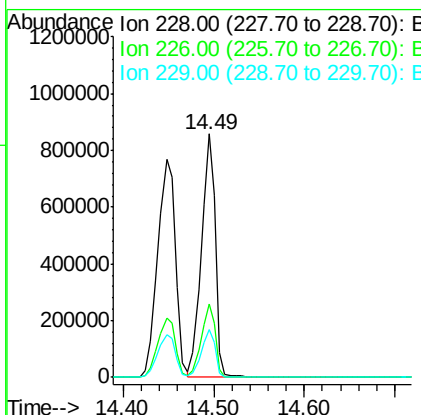
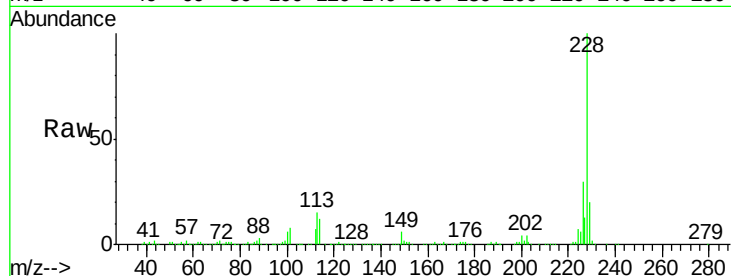




#82
 Chrysene
 Concen: 45.77 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

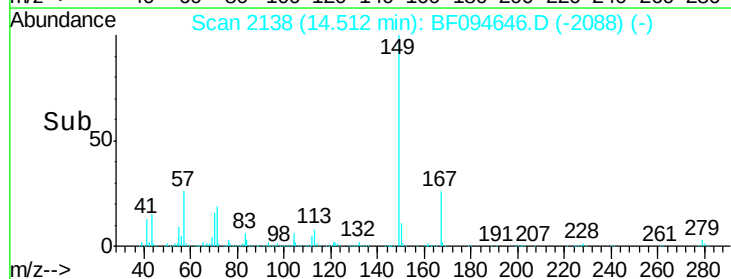
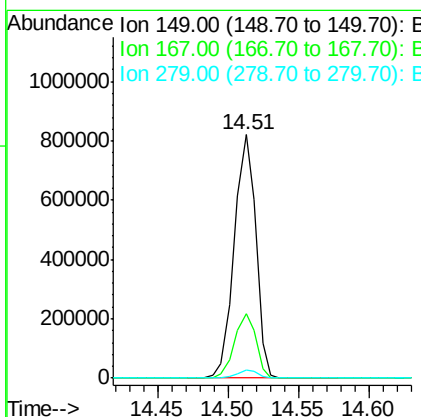
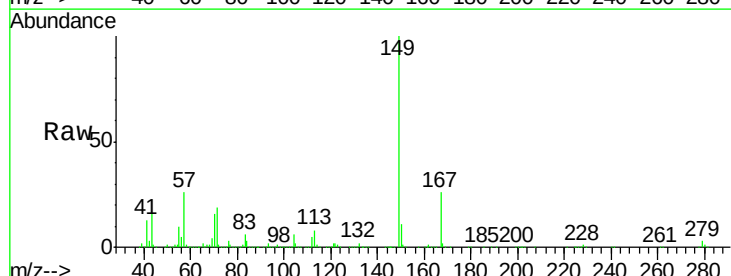
Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1MSD

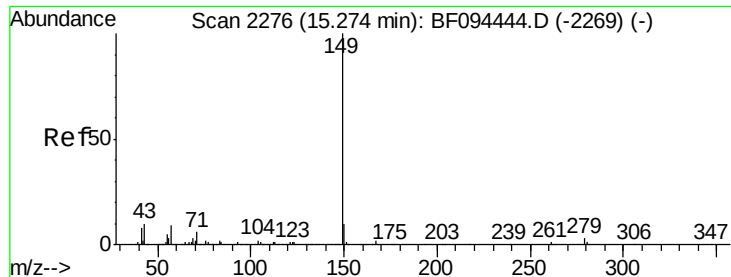
Tot Ion:228 Resp: 931076
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.7 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.44 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094646.D
 Acq: 26 Apr 2017 14:58

Tgt Ion:149 Resp: 872801
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.2 1.9 2.9#





#84

Di-n-octyl phthalate

Concen: 55.66 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

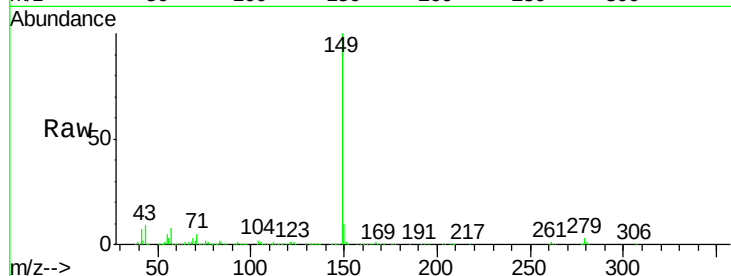
Tot Ion:149 Resp: 1469877

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

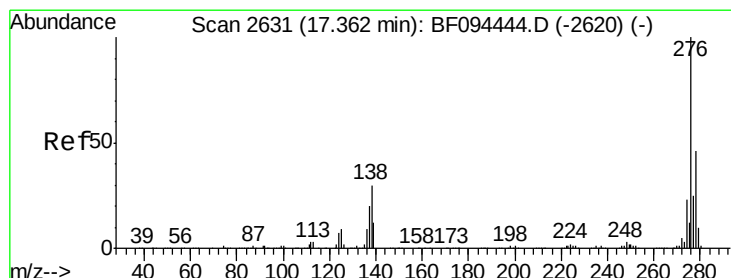
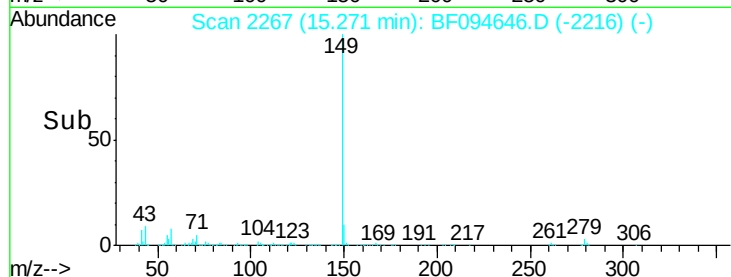
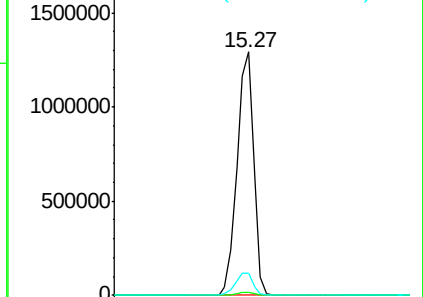
43 9.3 8.5 12.7



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: 38.01 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

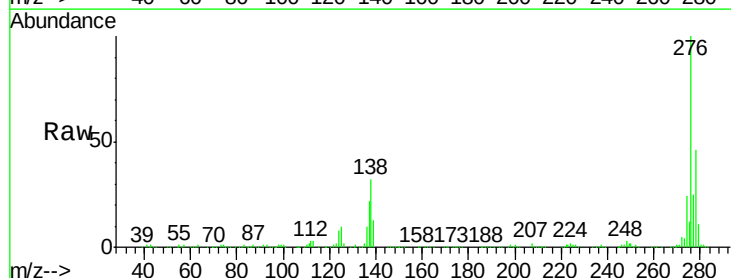
Tgt Ion:276 Resp: 735602

Ion Ratio Lower Upper

276 100

138 35.5 27.8 41.6

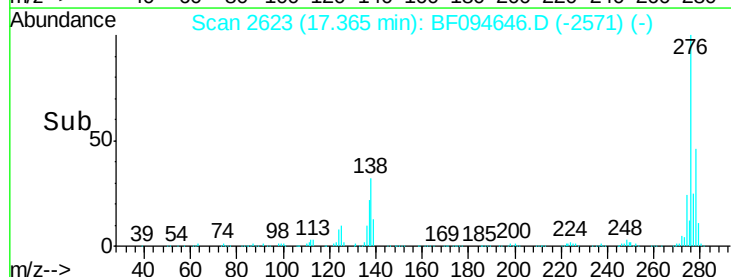
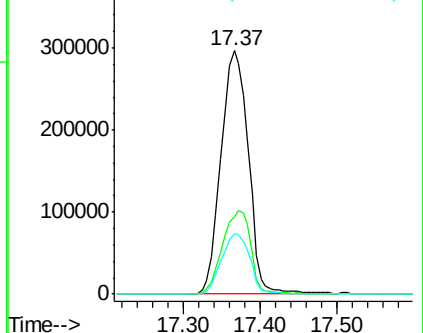
277 25.5 20.2 30.4

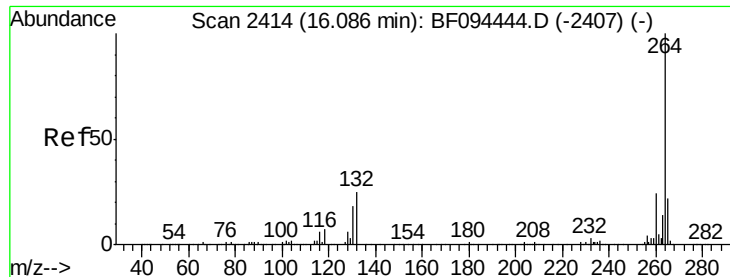


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

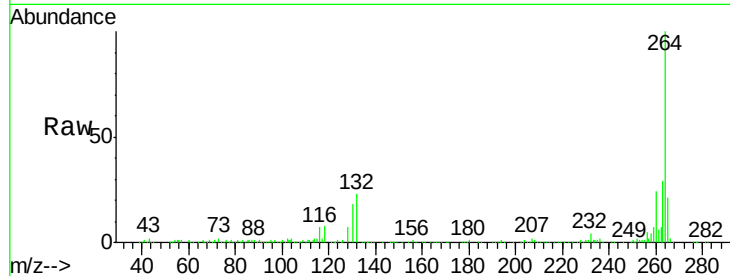




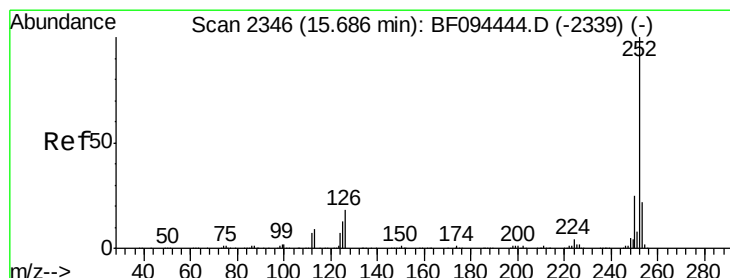
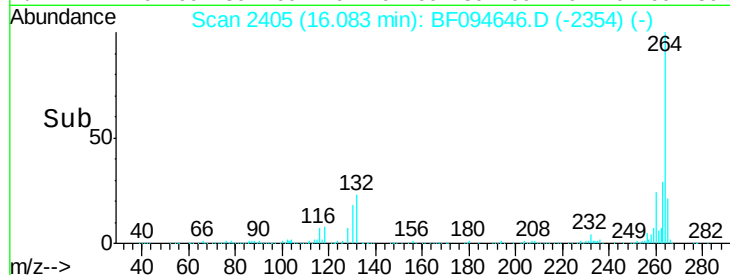
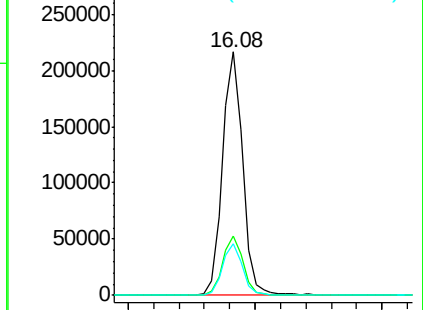
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8

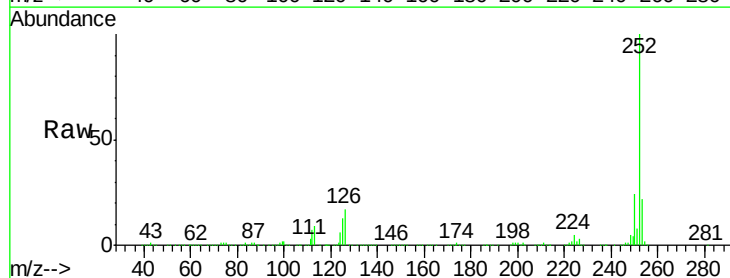


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

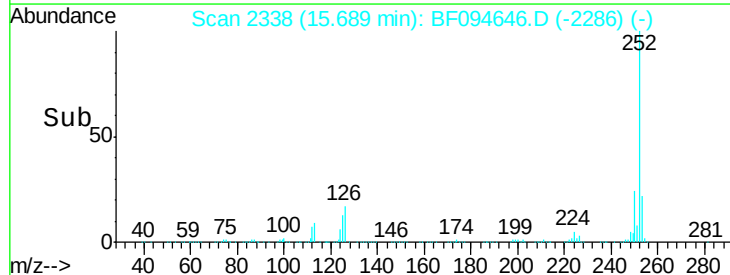
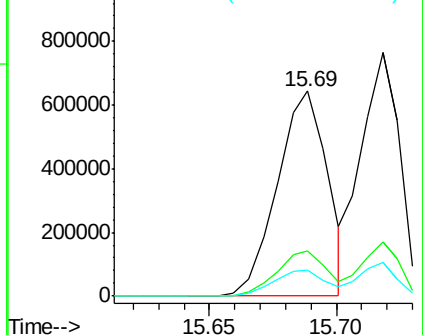


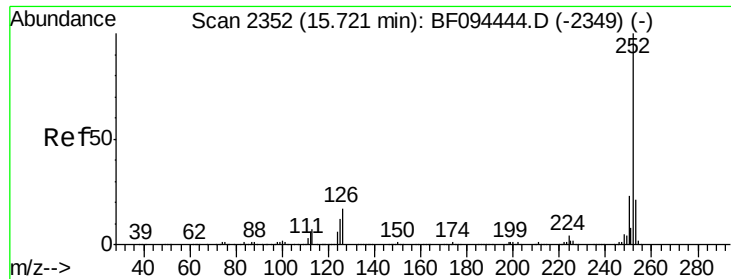
#87
Benzo(b)fluoranthene
Concen: 60.35 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.9	9.8	14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 60.26 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1MSD

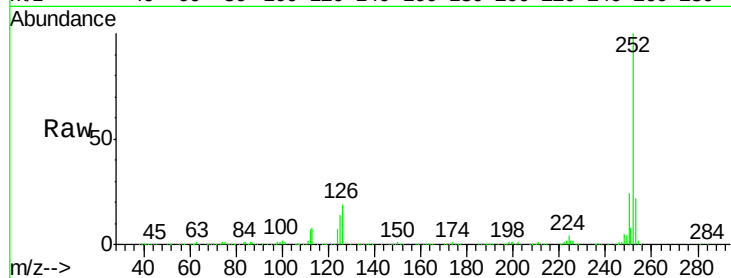
Tot Ion:252 Resp: 838291

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

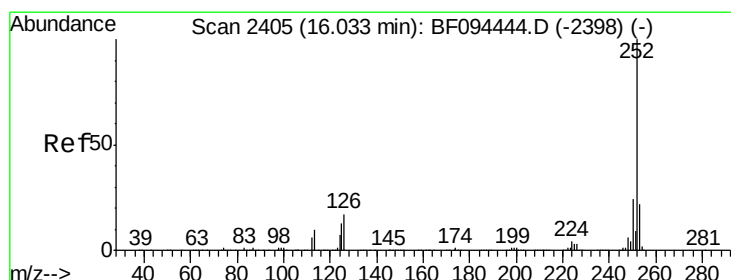
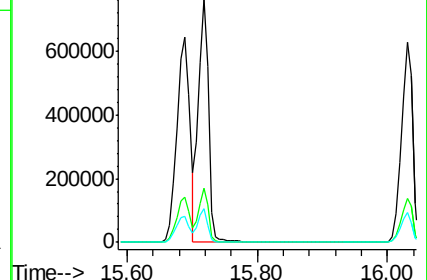
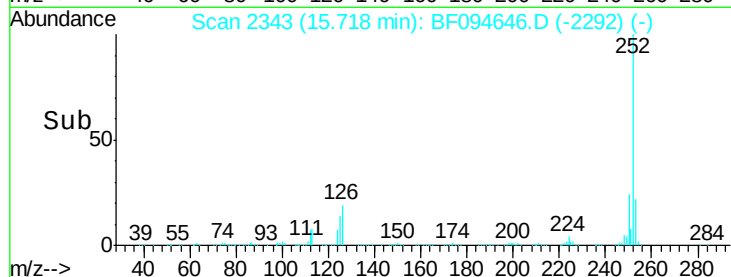
125 13.8 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 55.82 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094646.D

Acq: 26 Apr 2017 14:58

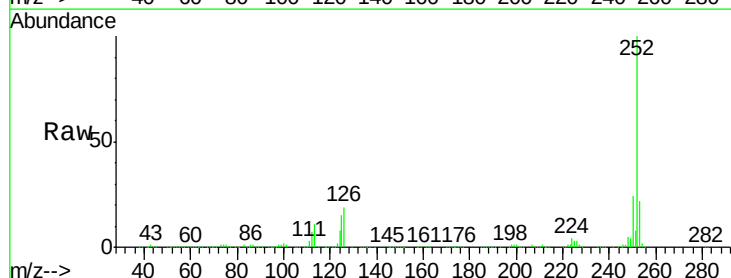
Tgt Ion:252 Resp: 763439

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

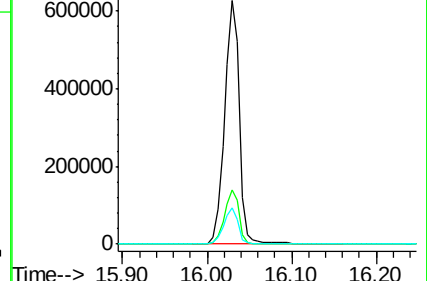
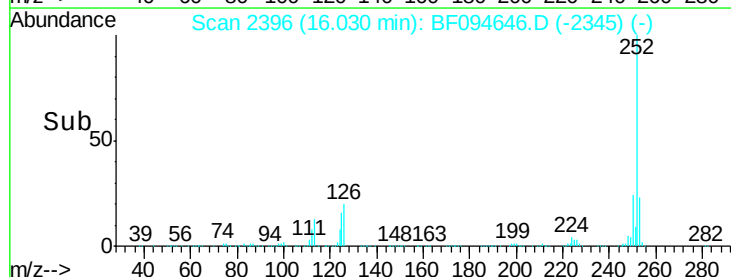
125 14.9 11.0 16.4

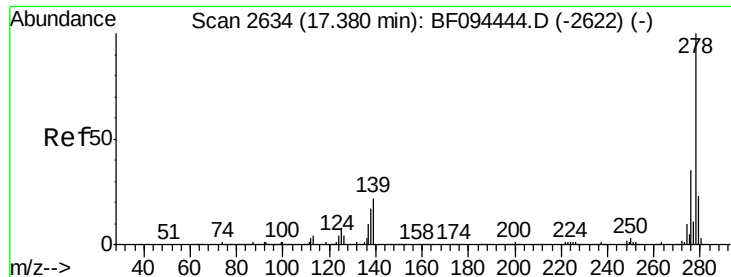


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

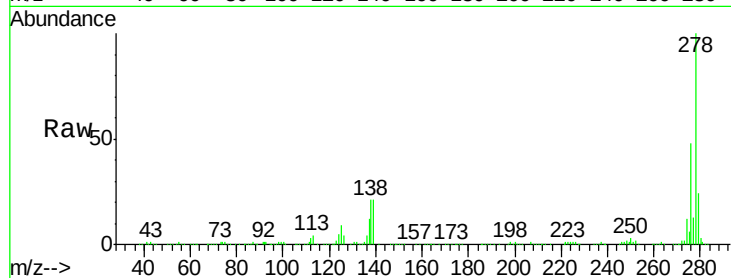




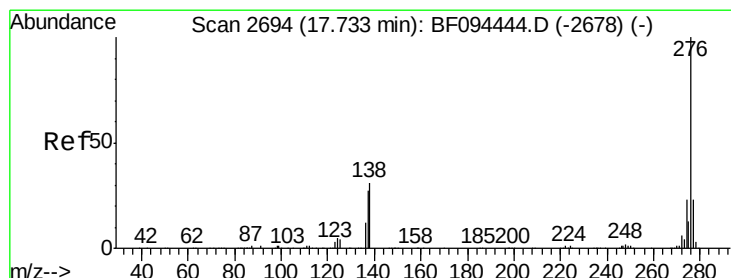
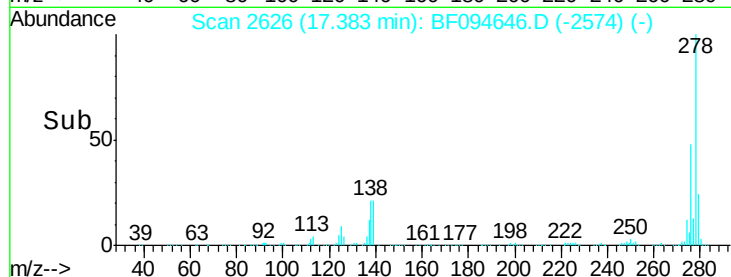
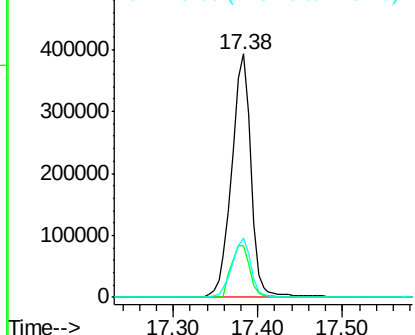
#90
Dibenzo(a,h)anthracene
Concen: 54.40 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	24.2	19.3	28.9

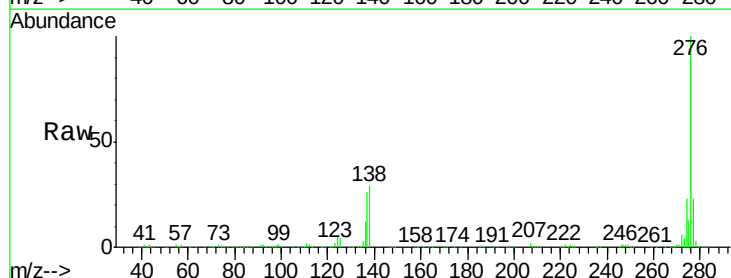


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 52.64 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094646.D
Acq: 26 Apr 2017 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	29.0	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

