

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090334.D
 Acq On : 4 Oct 2016 10:38
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 12:54:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 12:47:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	301047	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1251733	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	653397	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	985485	20.00	ng	0.00
75) Chrysene-d12	14.19	240	861427	20.00	ng	0.00
86) Perylene-d12	15.70	264	726123	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	100947	5.47	ng	-0.01
7) Phenol-d6	6.62	99	121918	5.35	ng	-0.01
23) Nitrobenzene-d5	7.56	82	92096	4.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	23903	4.26	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	220246	6.62	ng	-0.01
78) Terphenyl-d14	13.13	244	189678	5.59	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	23730	2.37	ng	# 85
3) Pyridine	3.51	79	52425	2.41	ng	84
4) n-Nitrosodimethylamine	3.42	42	21611	3.33	ng	# 50
6) Aniline	6.66	93	85782	3.02	ng	93
8) 2-Chlorophenol	6.79	128	55928	2.63	ng	87
9) Benzaldehyde	6.55	77	29743	2.99	ng	95
10) Phenol	6.63	94	70708	2.62	ng	84
11) bis(2-Chloroethyl)ether	6.73	93	57008	2.71	ng	98
12) 1,3-Dichlorobenzene	6.95	146	61513	2.77	ng	95
13) 1,4-Dichlorobenzene	7.03	146	61195	2.70	ng	94
14) 1,2-Dichlorobenzene	7.18	146	58325	2.89	ng	98
15) Benzyl Alcohol	7.14	79	40760	3.00	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.28	45	85005	3.38	ng	94
17) 2-Methylphenol	7.24	107	45431	2.71	ng	97
18) Hexachloroethane	7.53	117	19277	2.38	ng	# 88
19) n-Nitroso-di-n-propylamine	7.40	70	41534	3.10	ng	# 85
20) 3+4-Methylphenols	7.39	107	54060	2.69	ng	# 81
22) Acetophenone	7.40	105	71807	2.38	ng	# 96
24) Nitrobenzene	7.59	77	47218	2.10	ng	# 87
25) Isophorone	7.83	82	102729	2.28	ng	# 94
26) 2-Nitrophenol	7.91	139	11233	1.01	ng	94
27) 2,4-Dimethylphenol	7.93	122	49369	2.51	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	63525	2.33	ng	# 96
29) 2,4-Dichlorophenol	8.15	162	36834	2.13	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	47388	2.75	ng	96
31) Naphthalene	8.32	128	174565	2.93	ng	96
32) Benzoic acid	7.93	122	49369	3.65	ng	# 16
33) 4-Chloroaniline	8.36	127	57109	2.31	ng	# 84
34) Hexachlorobutadiene	8.44	225	25673	2.82	ng	97
35) Caprolactam	8.67	113	10007	1.75	ng	96
36) 4-Chloro-3-methylphenol	8.83	107	40946	2.10	ng	87
37) 2-Methylnaphthalene	9.00	142	97503	2.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	47405	3.16	ng	99
40) Hexachlorocyclopentadiene	9.16	237	18938	2.56	ng	96

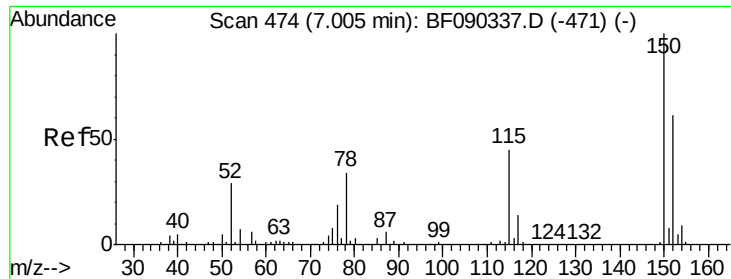
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090334.D
 Acq On : 4 Oct 2016 10:38
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	24412	2.28	nq	97
43) 2,4,5-Trichlorophenol	9.31	196	25024	2.26	nq	96
45) 1,1'-Biphenyl	9.47	154	137389	2.94	nq	96
46) 2-Chloronaphthalene	9.50	162	97547	2.83	nq	95
47) 2-Nitroaniline	9.59	65	15269	1.47	nq	85
48) Acenaphthylene	9.92	152	153777	2.75	nq	95
49) Dimethylphthalate	9.75	163	342644	8.23	nq	97
50) 2,6-Dinitrotoluene	9.83	165	13708	1.48	nq	# 82
51) Acenaphthene	10.09	154	94864	2.85	nq	97
52) 3-Nitroaniline	9.99	138	14596	1.34	nq	# 74
53) 2,4-Dinitrophenol	10.10	184	2006	0.49	nq	# 5
54) Dibenzofuran	10.26	168	129959	2.97	nq	97
55) 4-Nitrophenol	10.14	139	12540	1.68	nq	92
56) 2,4-Dinitrotoluene	10.23	165	15105	1.38	nq	# 51
57) Fluorene	10.60	166	111935	3.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	18621	2.25	nq	96
59) Diethylphthalate	10.47	149	126918	3.16	nq	# 91
60) 4-Chlorophenyl-phenylether	10.59	204	45074	3.00	nq	# 87
61) 4-Nitroaniline	10.60	138	15796	1.43	nq	86
62) Azobenzene	10.75	77	106905	2.56	nq	87
64) 4,6-Dinitro-2-methylphenol	10.64	198	3381	0.55	nq	# 57
65) n-Nitrosodiphenylamine	10.71	169	87161	2.69	nq	98
66) 4-Bromophenyl-phenylether	11.10	248	25356	2.61	nq	# 80
67) Hexachlorobenzene	11.15	284	32516	2.88	nq	# 88
68) Atrazine	11.23	200	20526	2.31	nq	96
69) Pentachlorophenol	11.35	266	12322	1.92	nq	99
70) Phenanthrene	11.57	178	142494	3.09	nq	96
71) Anthracene	11.62	178	152193	3.15	nq	96
72) Carbazole	11.77	167	139934	2.74	nq	94
73) Di-n-butylphthalate	12.11	149	159274	2.68	nq	# 94
74) Fluoranthene	12.77	202	142713	2.88	nq	89
76) Benzidine	12.88	184	34476	1.20	nq	99
77) Pyrene	12.99	202	151306	2.57	nq	96
79) Butylbenzylphthalate	13.61	149	43642	1.51	nq	# 70
80) Benzo(a)anthracene	14.18	228	127161	2.74	nq	95
81) 3,3'-Dichlorobenzidine	14.15	252	38452	2.01	nq	# 97
82) Chrysene	14.22	228	119491	2.65	nq	95
83) Bis(2-ethylhexyl)phthalate	14.18	149	84616	2.29	nq	98
84) Di-n-octylphthalate	14.80	149	96624	1.52	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.21	276	93632	2.57	nq	99
87) Benzo(b)fluoranthene	15.26	252	104228	2.59	nq	99
88) Benzo(k)fluoranthene	15.26	252	104228	2.76	nq	# 93
89) Benzo(a)pyrene	15.63	252	89821	2.37	nq	97
90) Dibenzo(a,h)anthracene	17.23	278	78031	2.64	nq	# 94
91) Benzo(g,h,i)perylene	17.67	276	75805	2.62	nq	97

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

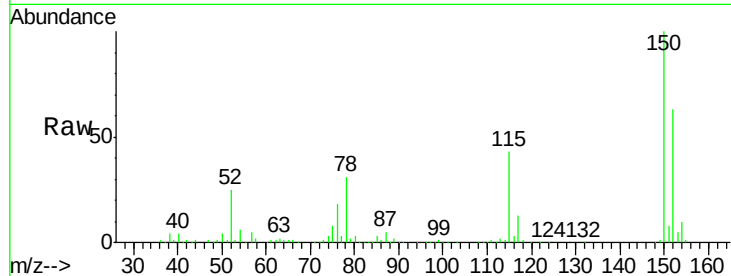


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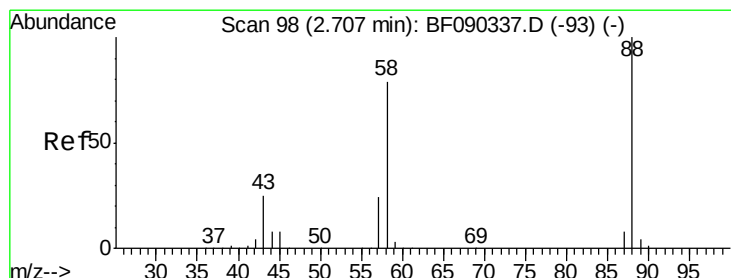
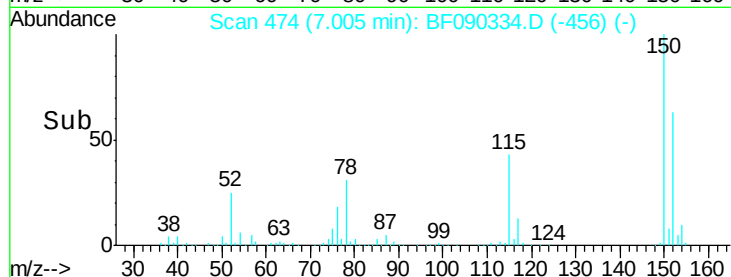
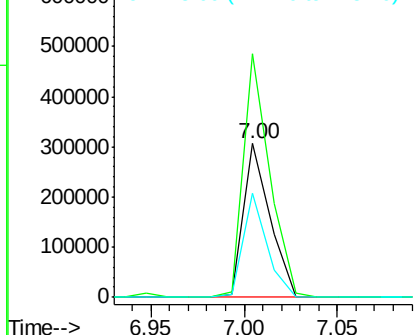
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 301047
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 67.6 46.2 69.4



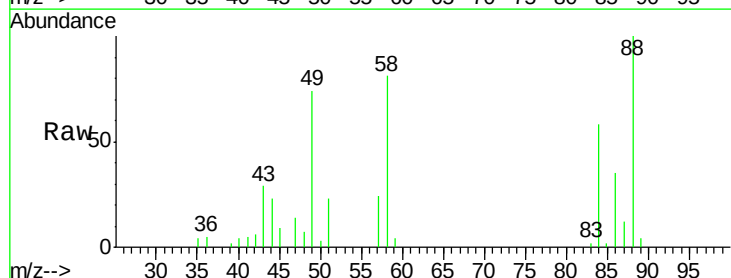
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



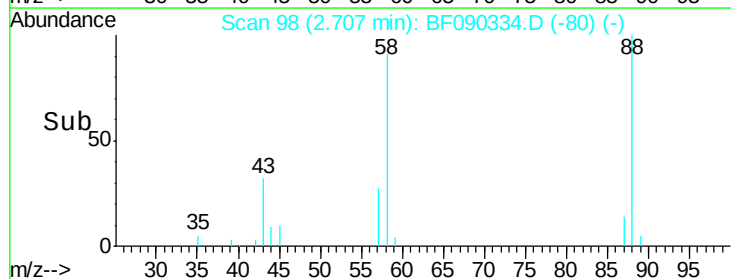
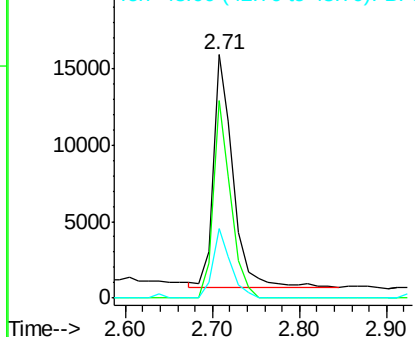
#2

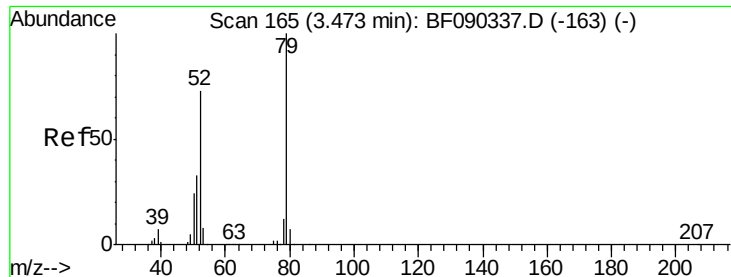
1,4-Dioxane
Concen: 2.37 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 88 Resp: 23730
Ion Ratio Lower Upper
88 100
58 75.9 71.2 106.8
43 27.6 29.8 44.6#



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: 2.41 ng

RT: 3.51 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

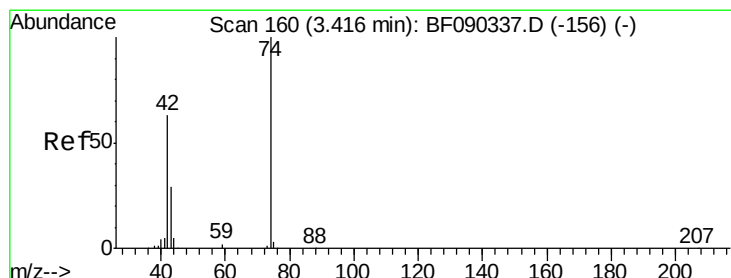
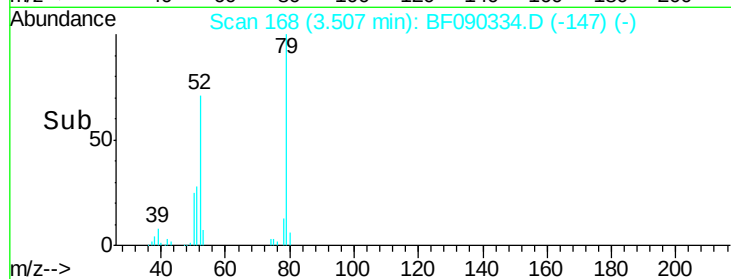
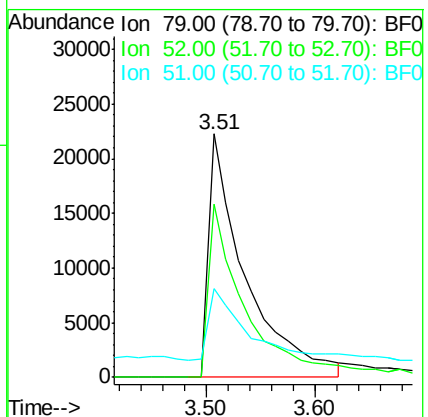
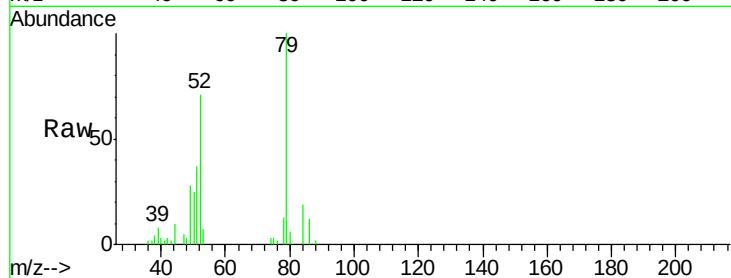
Tot Ion: 79 Resp: 52425

Ion Ratio Lower Upper

79 100

52 71.4 71.3 106.9

51 36.5 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 3.33 ng

RT: 3.42 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

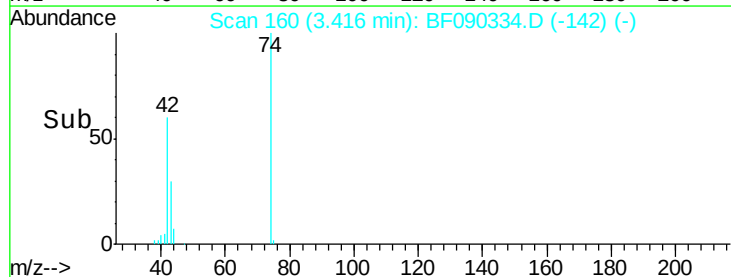
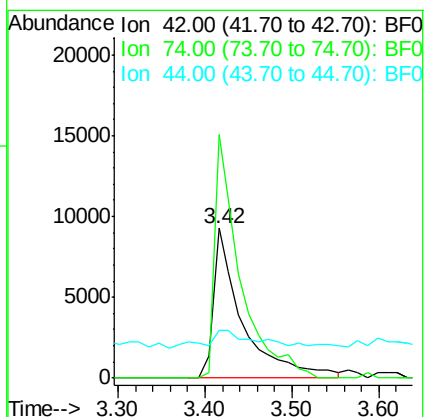
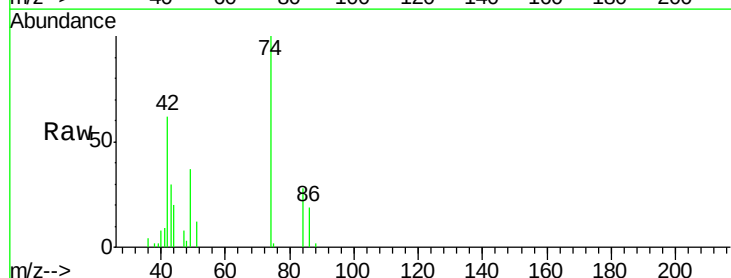
Tgt Ion: 42 Resp: 21611

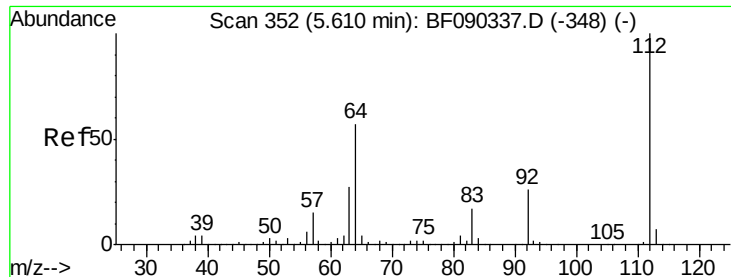
Ion Ratio Lower Upper

42 100

74 162.3 88.9 133.3#

44 32.0 6.5 9.7#





#5

2-Fluorophenol

Concen: 5.47 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

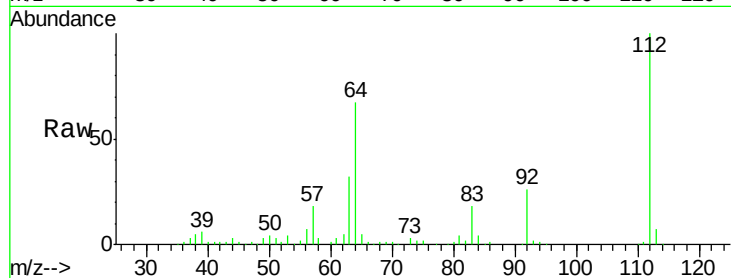
Tot Ion:112 Resp: 100947

Ion Ratio Lower Upper

112 100

64 66.7 57.9 86.9

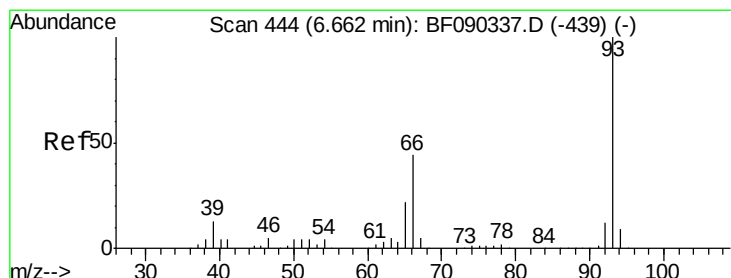
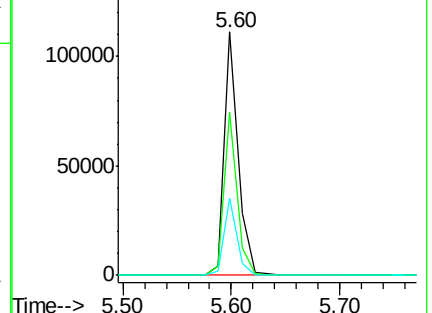
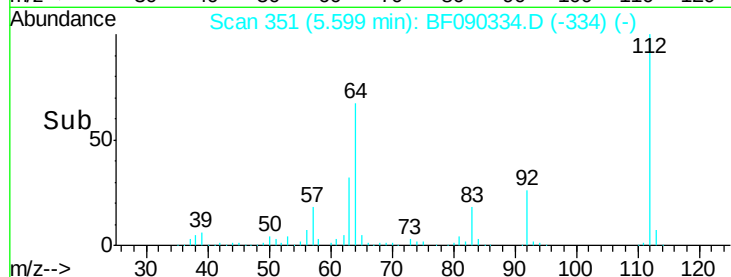
63 31.6 29.6 44.4



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: 3.02 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

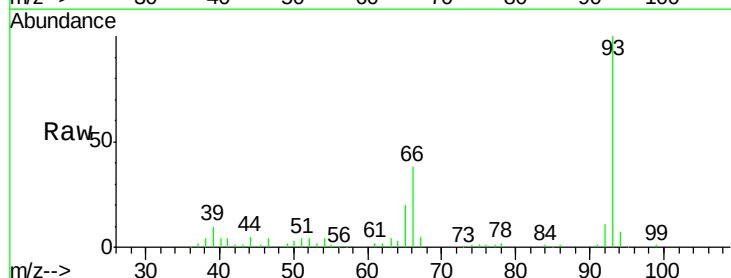
Tgt Ion: 93 Resp: 85782

Ion Ratio Lower Upper

93 100

66 38.2 34.5 51.7

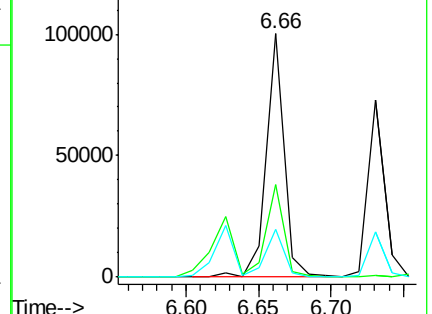
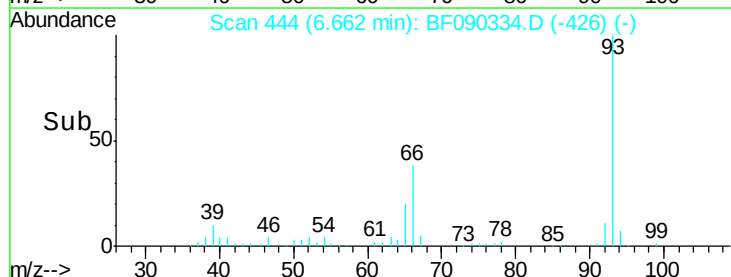
65 19.6 18.2 27.2

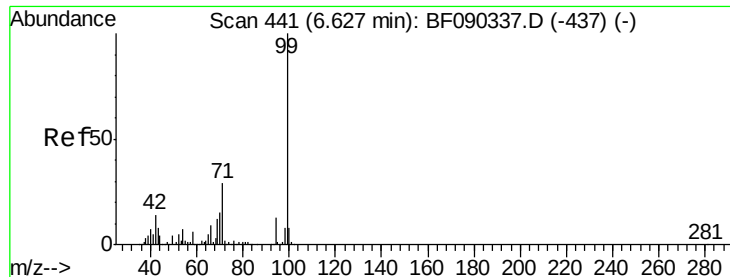


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.35 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

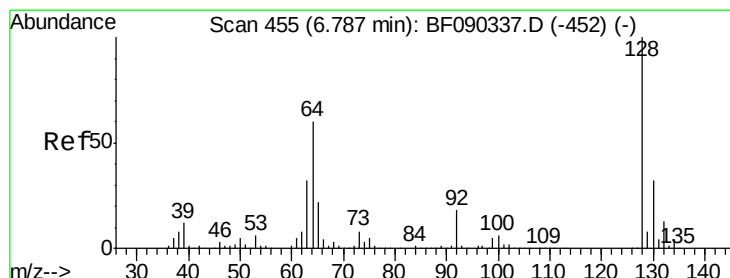
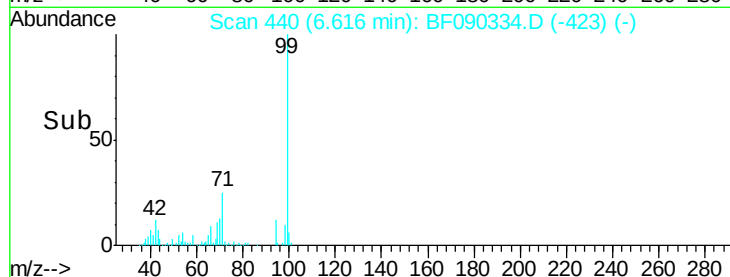
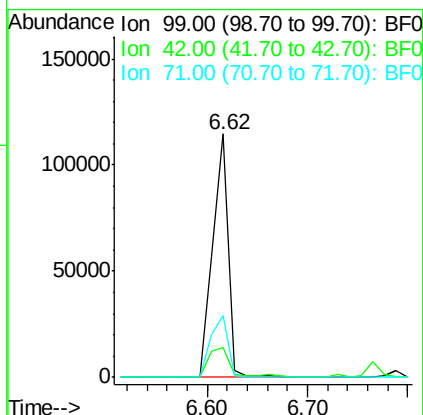
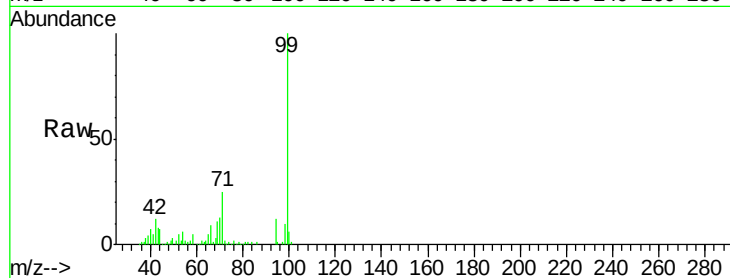
Tot Ion: 99 Resp: 121918

Ion Ratio Lower Upper

99 100

42 12.3 20.0 30.0#

71 25.4 27.9 41.9#



#8

2-Chlorophenol

Concen: 2.63 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

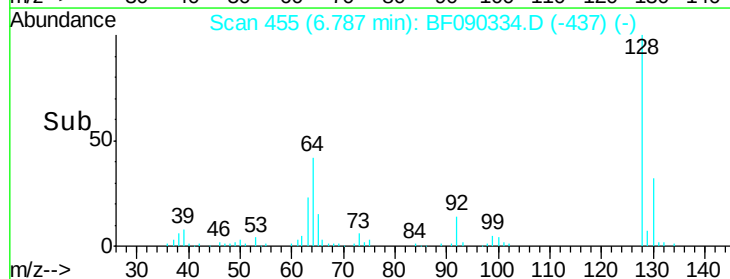
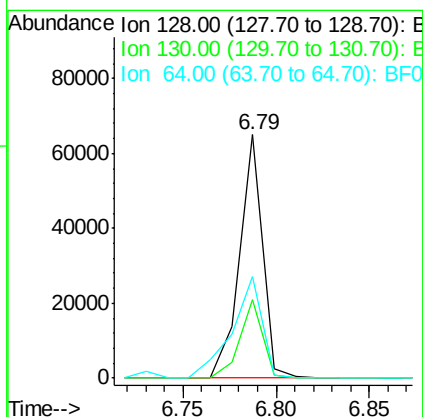
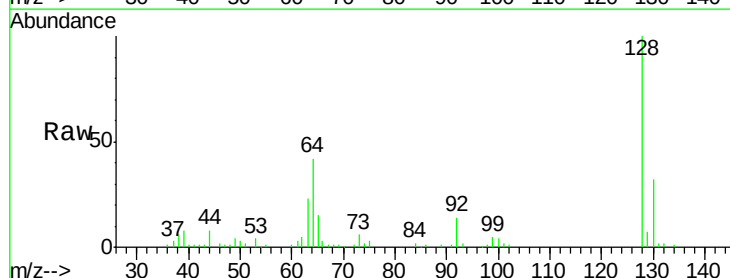
Tgt Ion: 128 Resp: 55928

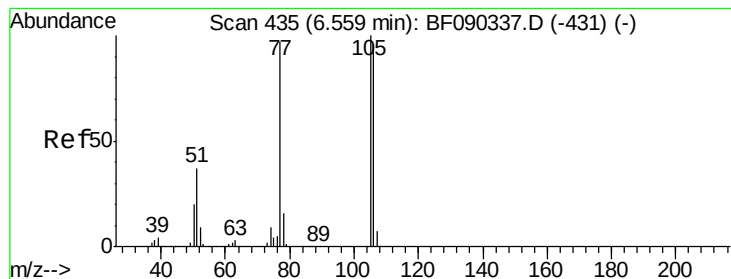
Ion Ratio Lower Upper

128 100

130 32.2 13.3 53.3

64 41.9 36.0 76.0





#9

Benzaldehyde

Concen: 2.99 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

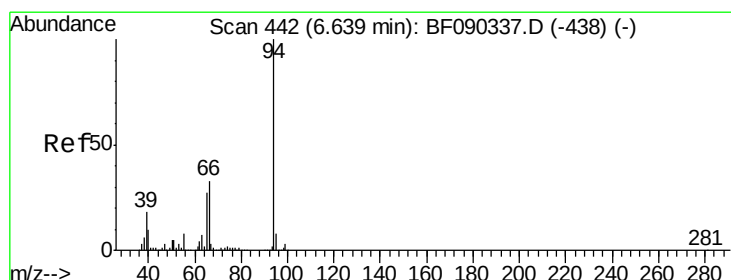
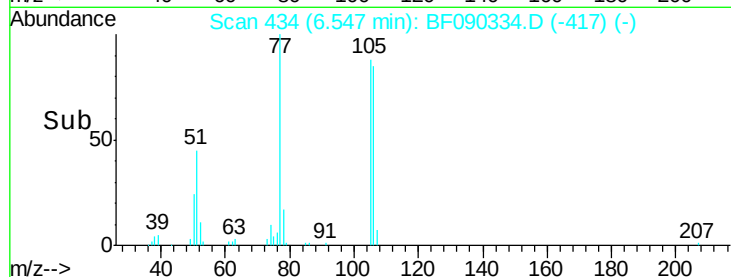
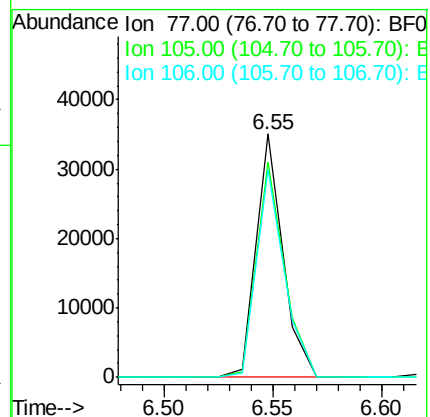
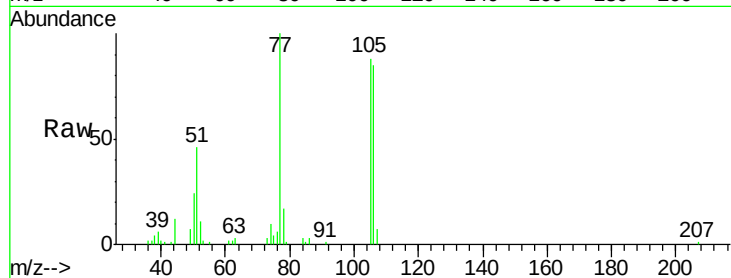
Tot Ion: 77 Resp: 29743

Ion Ratio Lower Upper

77 100

105 88.3 73.1 113.1

106 85.5 70.2 110.2



#10

Phenol

Concen: 2.62 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

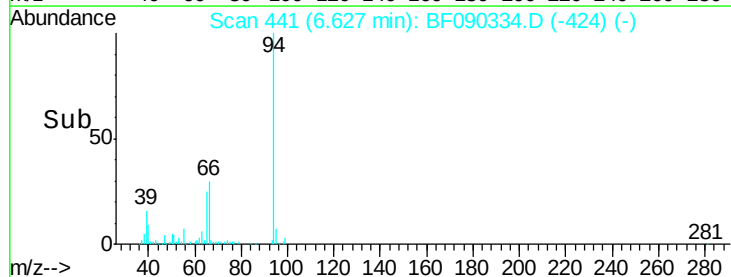
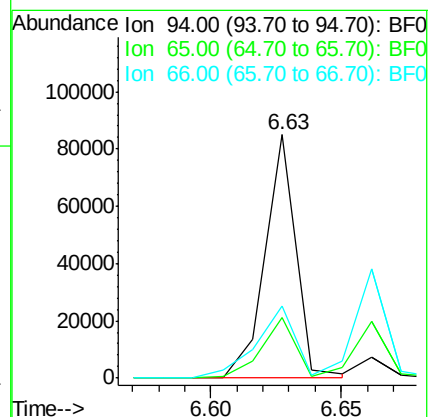
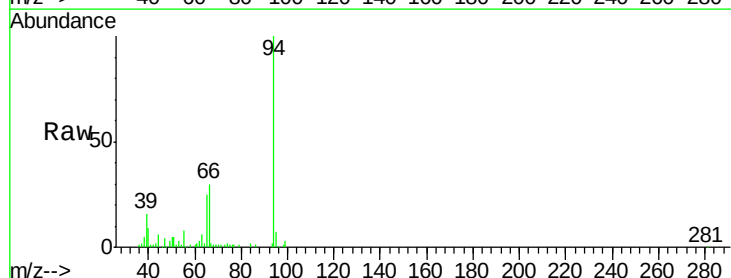
Tgt Ion: 94 Resp: 70708

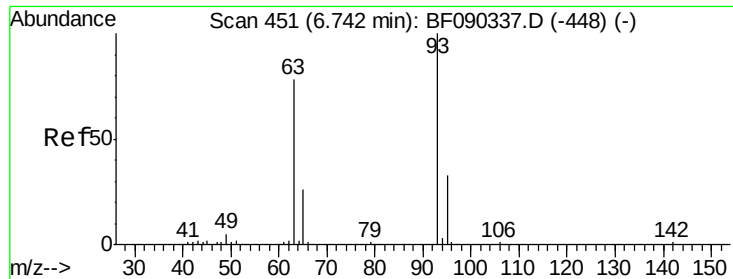
Ion Ratio Lower Upper

94 100

65 24.8 13.3 53.3

66 29.6 20.4 60.4

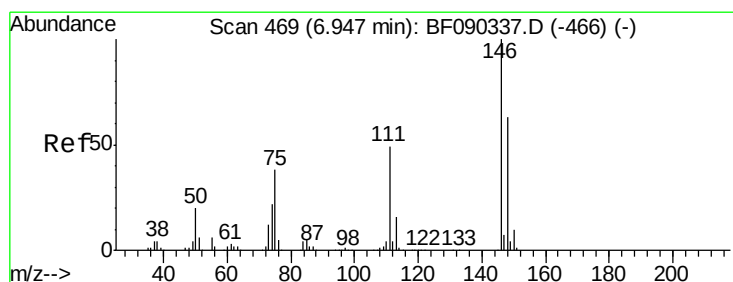
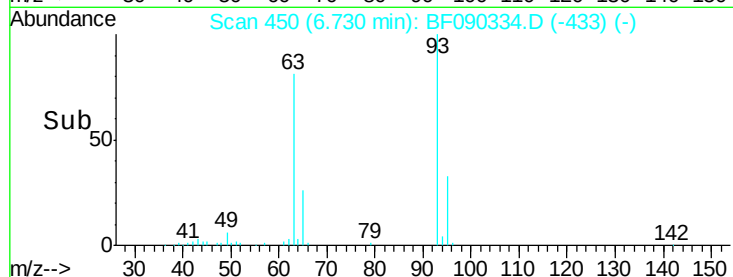
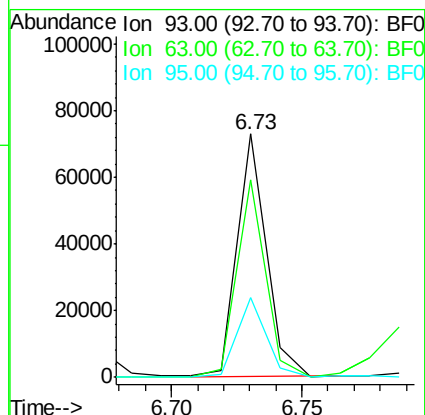
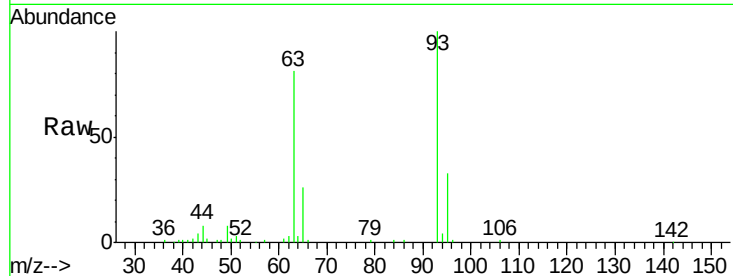




#11
bis(2-Chloroethyl)ether
Concen: 2.71 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

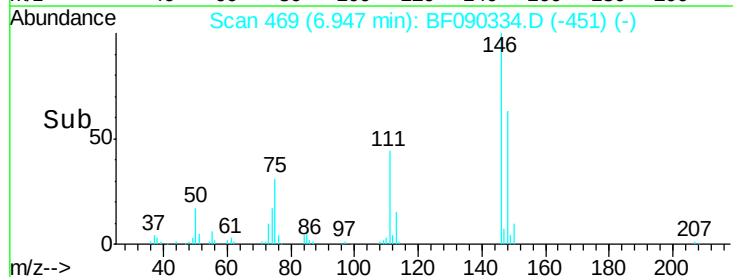
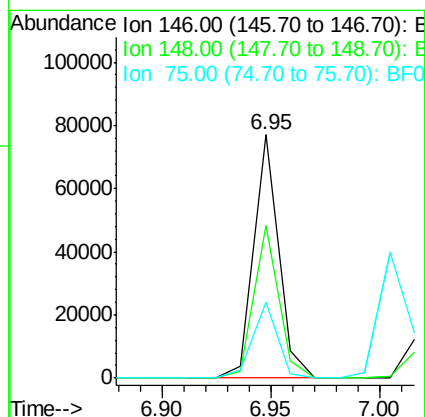
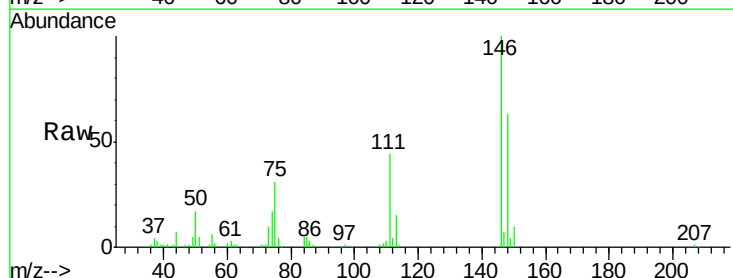
Instrument :
BNA_F
ClientSampleId :

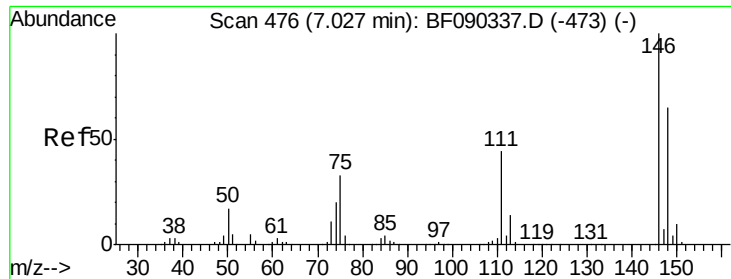
Tot Ion: 93 Resp: 57008
Ion Ratio Lower Upper
93 100
63 81.0 59.7 99.7
95 32.7 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 2.77 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 146 Resp: 61513
Ion Ratio Lower Upper
146 100
148 62.7 52.2 78.4
75 31.3 21.4 32.2

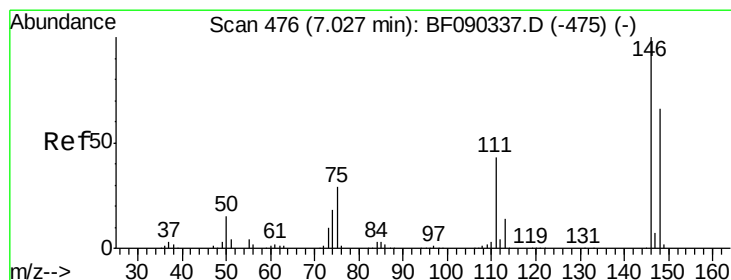
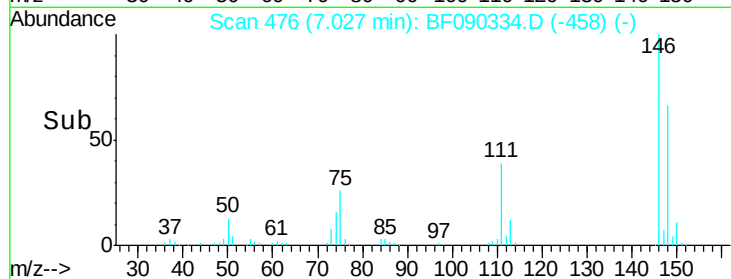
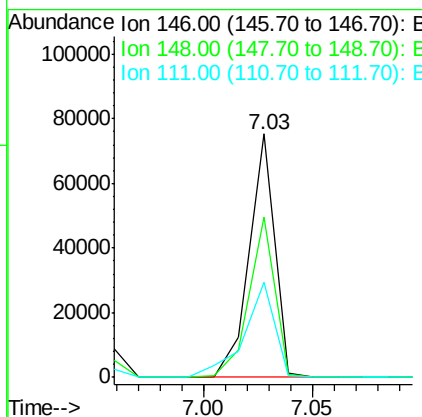
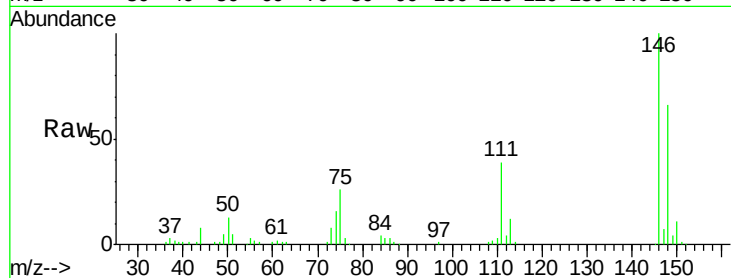




#13
 1,4-Dichlorobenzene
 Concen: 2.70 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

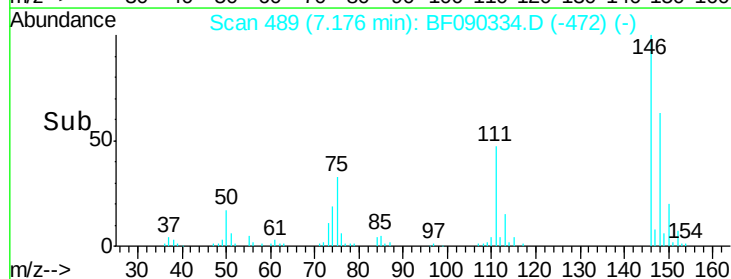
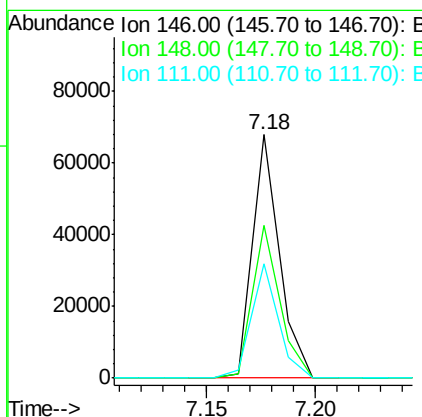
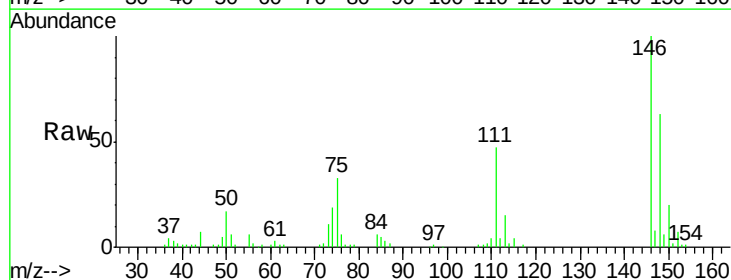
Instrument :
 BNA_F
 ClientSampleId :

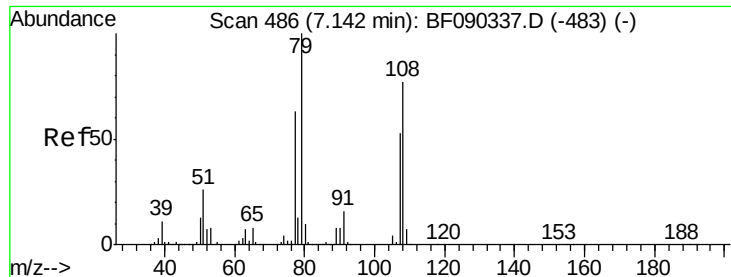
Tot Ion:146 Resp: 61195
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 39.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 2.89 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:146 Resp: 58325
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 46.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 3.00 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

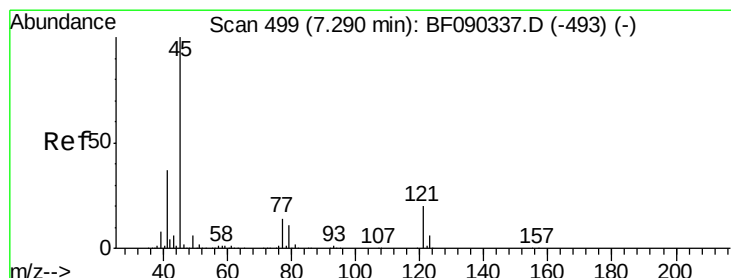
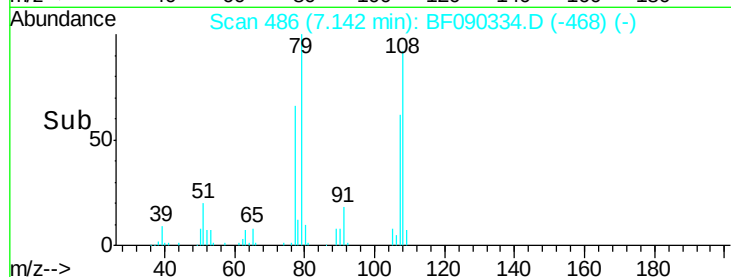
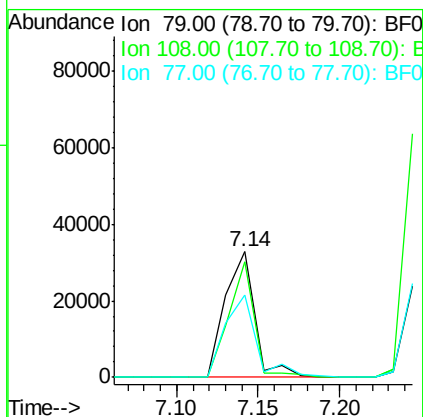
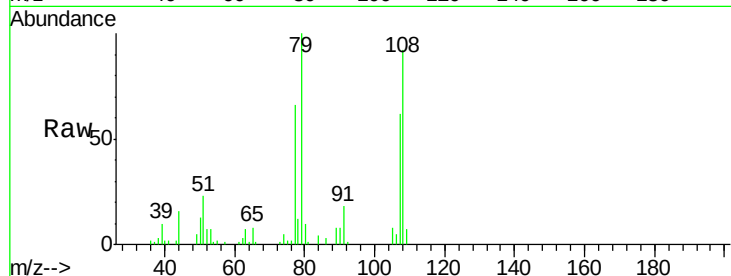
Tot Ion: 79 Resp: 40760

Ion Ratio Lower Upper

79 100

108 92.3 60.9 91.3#

77 65.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.38 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

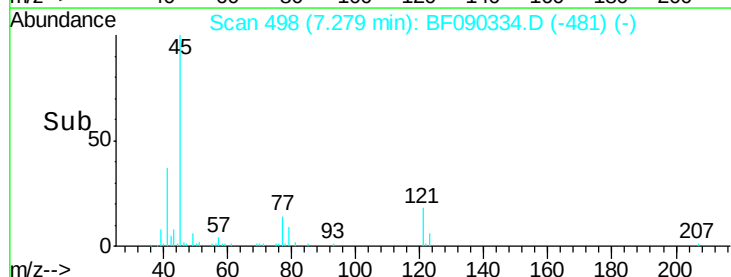
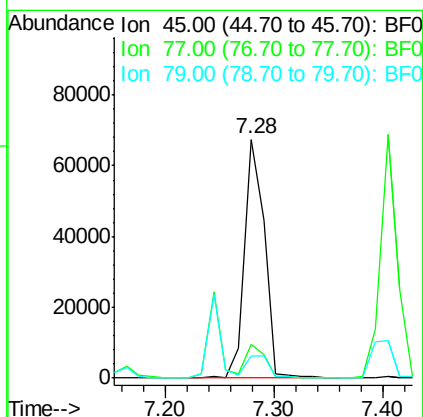
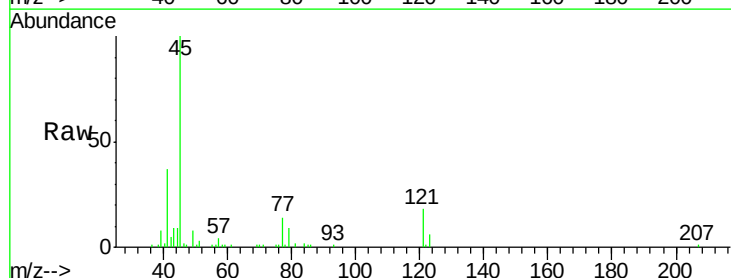
Tgt Ion: 45 Resp: 85005

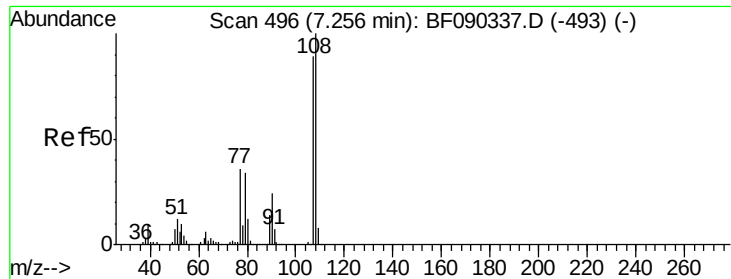
Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.8

79 9.4 0.0 28.2

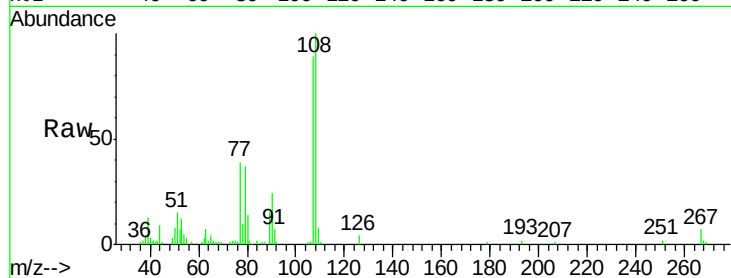




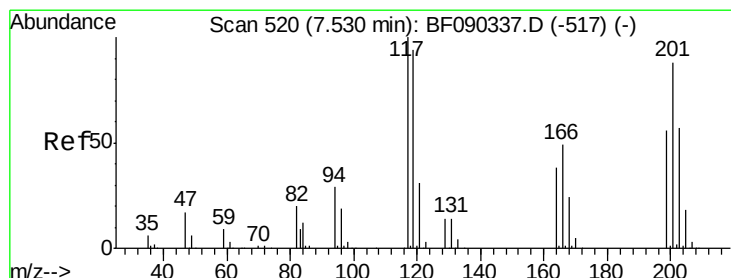
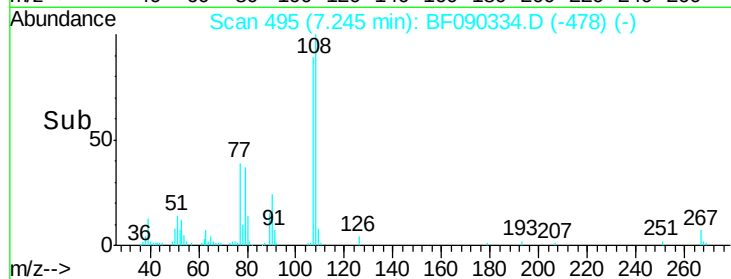
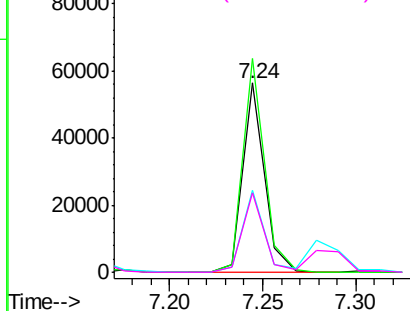
#17
2-Methylphenol
Concen: 2.71 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	45431
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	43.5	38.2	57.4
79	42.1	37.0	55.4

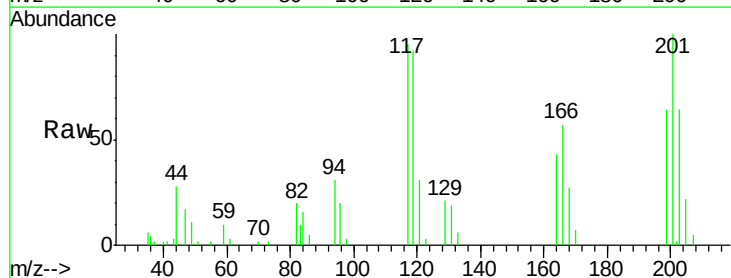


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

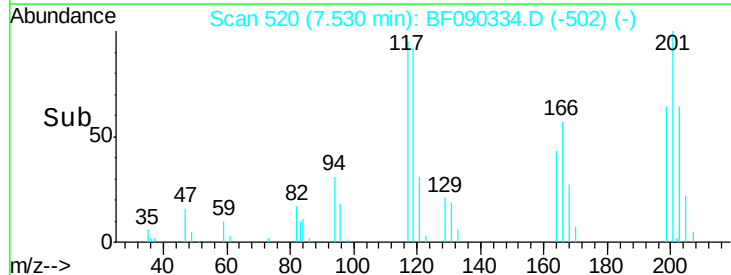
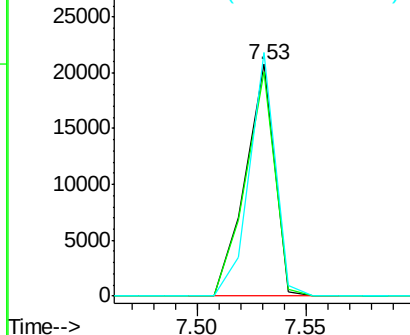


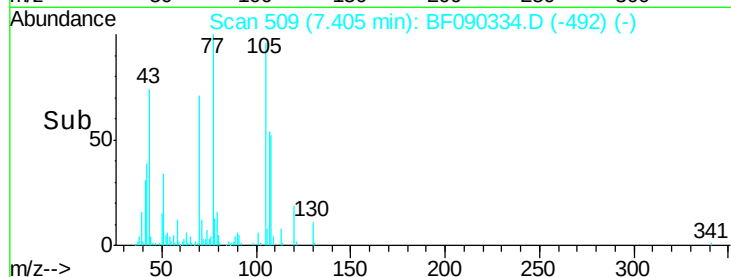
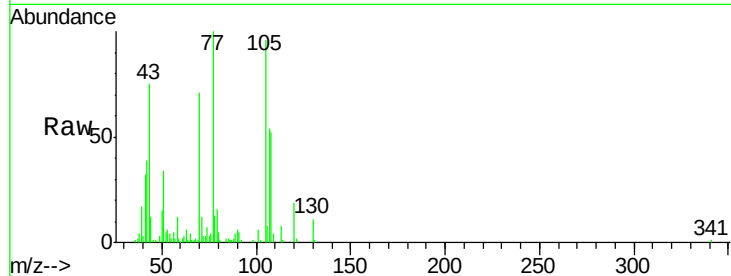
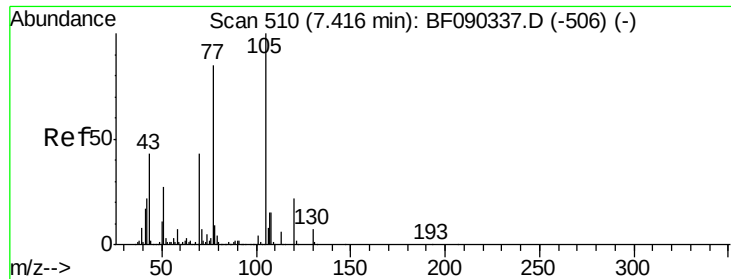
#18
Hexachloroethane
Concen: 2.38 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:	117	Resp:	19277
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.9	113.9
201	105.1	66.5	99.7#



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

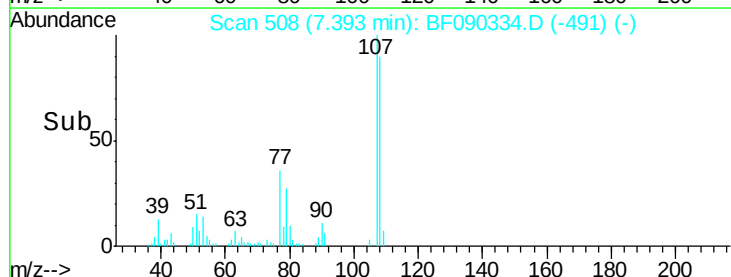
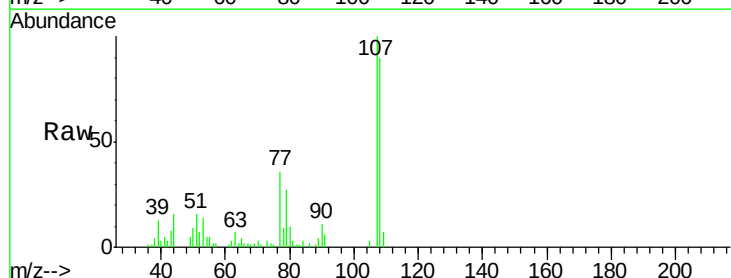
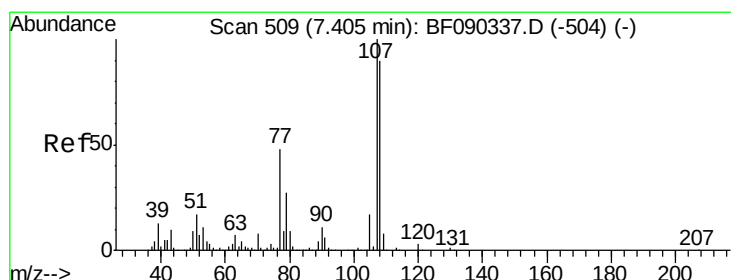
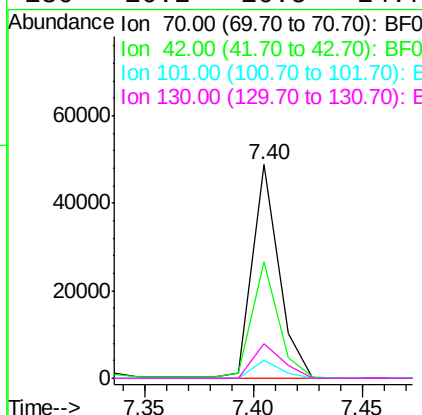




#19
n-Nitroso-di-n-propylamine
Concen: 3.10 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

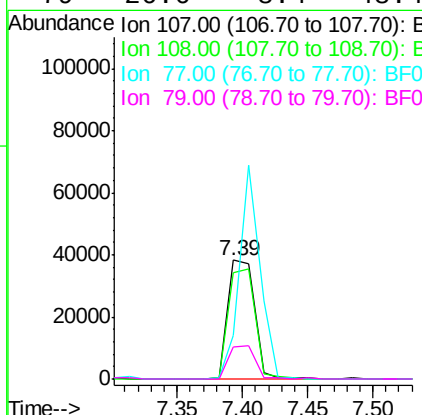
Instrument :
BNA_F
ClientSampleId :

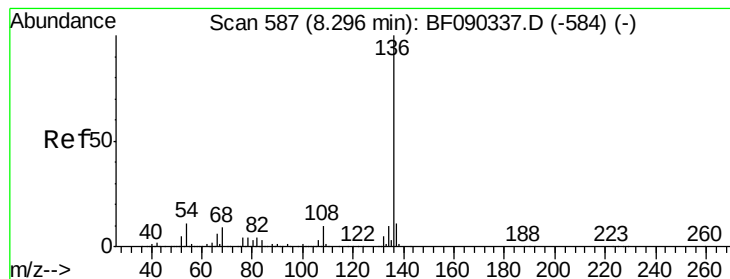
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	55.4	83.2#
101	8.3	7.6	11.4
130	16.2	16.5	24.7#



#20
3+4-Methylphenols
Concen: 2.69 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.7	106.7
77	36.4	53.7	93.7#
79	26.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1251733

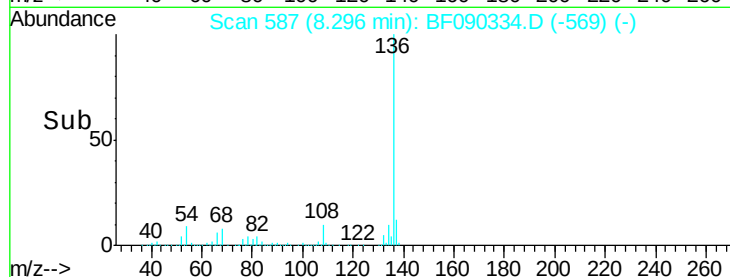
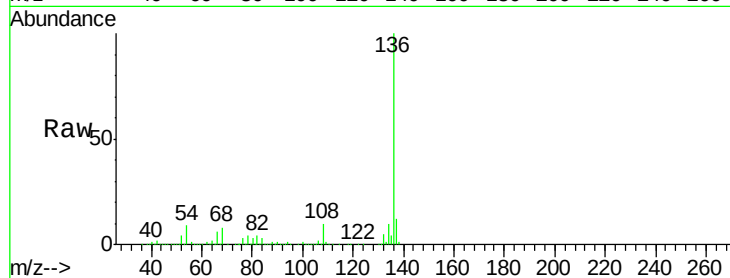
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	8.6	6.6	10.0
68	7.6	5.0	7.6

136 100

137 11.7 9.0 13.6

54 8.6 6.6 10.0

68 7.6 5.0 7.6



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

8.30

1500000

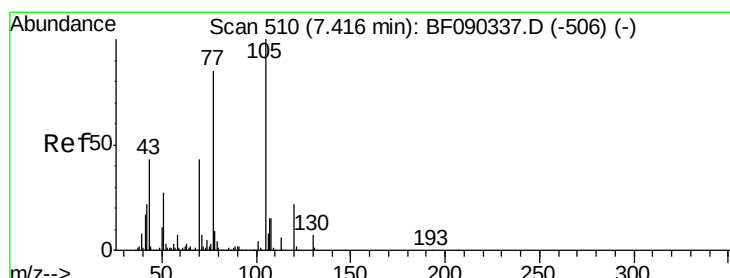
1000000

500000

0

8.25 8.30 8.35

Time-->



#22

Acetophenone

Concen: 2.38 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Tgt Ion:105 Resp: 71807

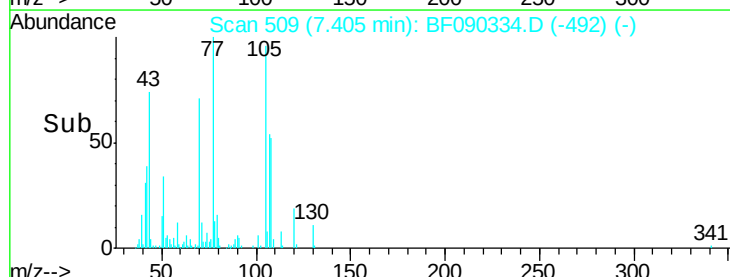
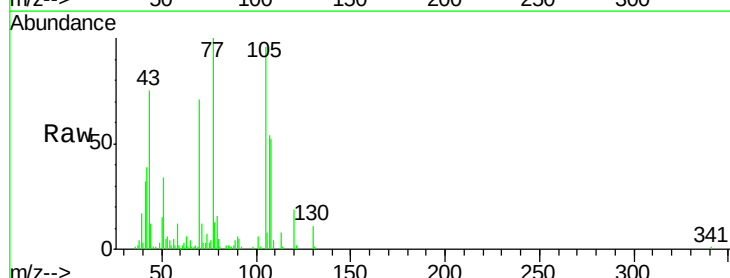
Ion	Ratio	Lower	Upper
105	100		
71	12.4	3.8	5.6
51	35.8	28.2	42.4
120	20.0	17.4	26.2

105 100

71 12.4 3.8 5.6

51 35.8 28.2 42.4

120 20.0 17.4 26.2



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

7.40

100000

80000

60000

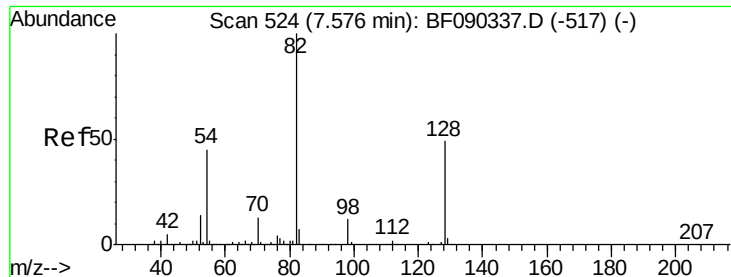
40000

20000

0

7.35 7.40 7.45

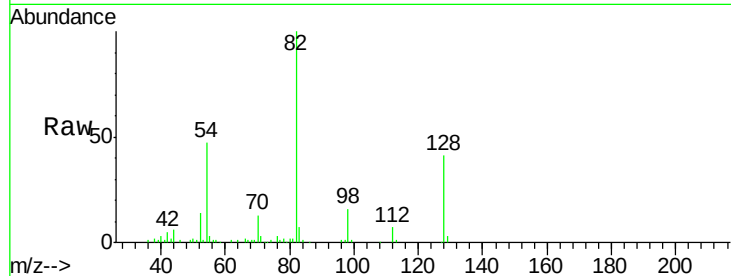
Time-->



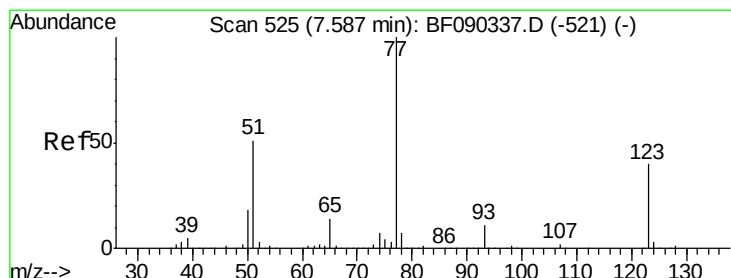
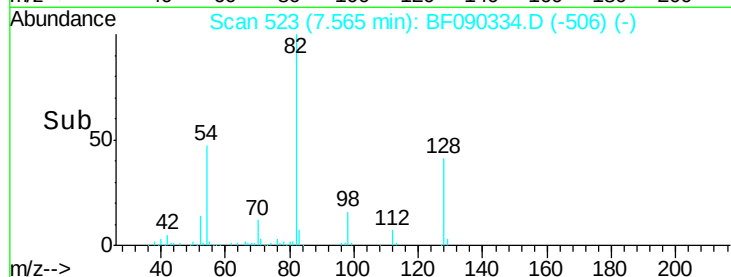
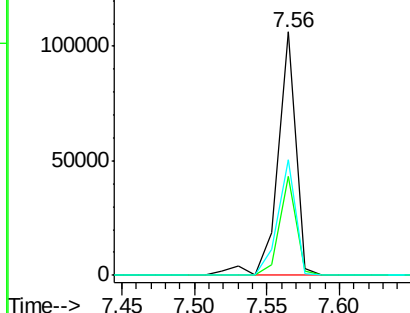
#23
 Nitrobenzene-d5
 Concen: 4.27 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 92096
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.0 60.0
 54 47.3 42.6 64.0

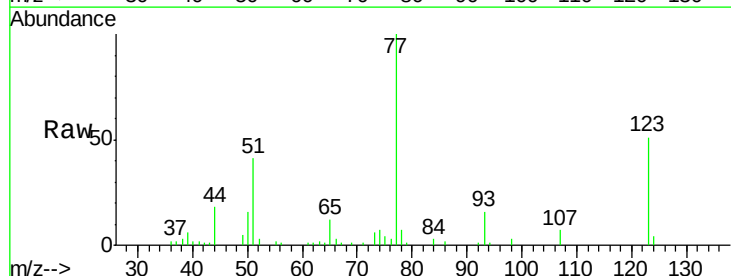


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

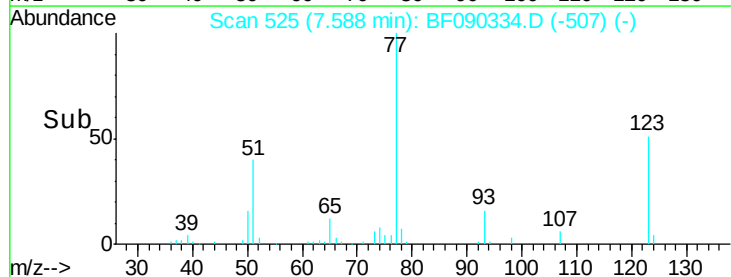
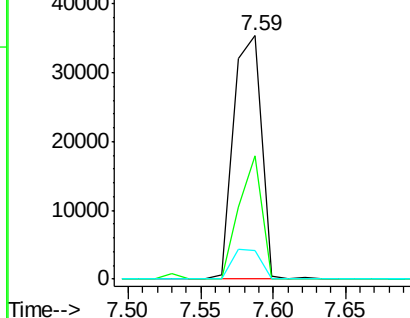


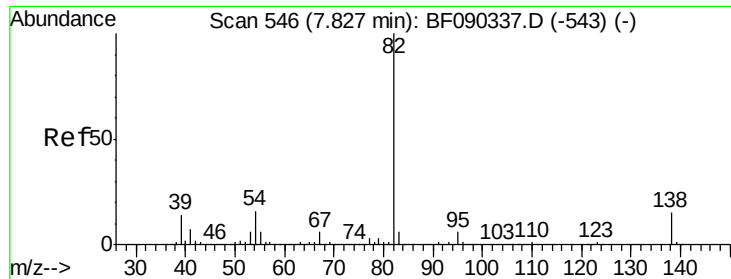
#24
 Nitrobenzene
 Concen: 2.10 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion: 77 Resp: 47218
 Ion Ratio Lower Upper
 77 100
 123 50.8 33.0 49.4#
 65 11.7 12.0 18.0#



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





#25

Isophorone

Concen: 2.28 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

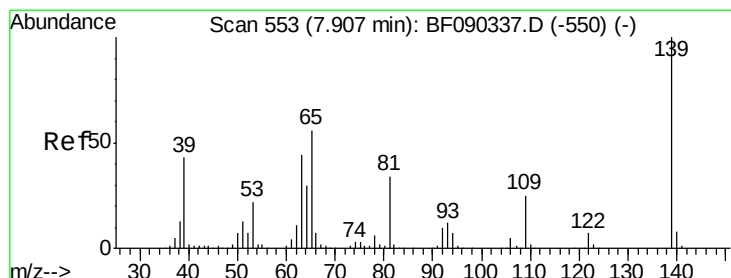
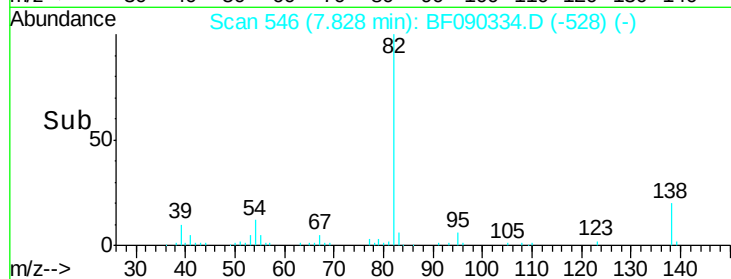
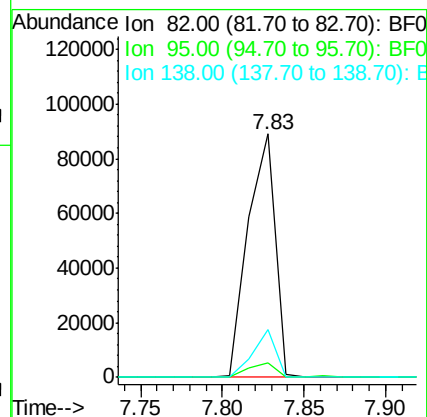
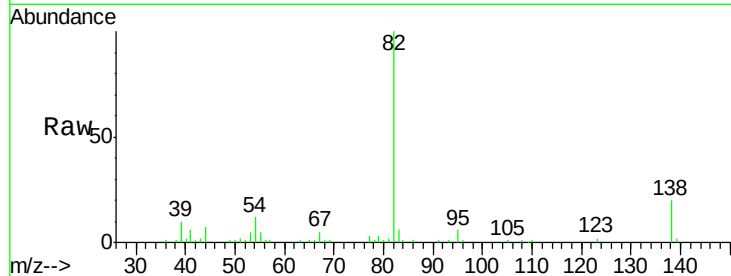
Tot Ion: 82 Resp: 102729

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 19.8 13.0 19.4#



#26

2-Nitrophenol

Concen: 1.01 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

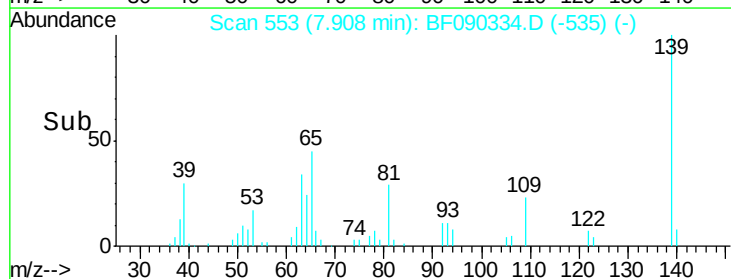
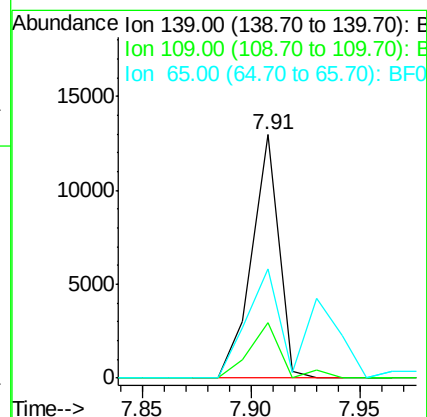
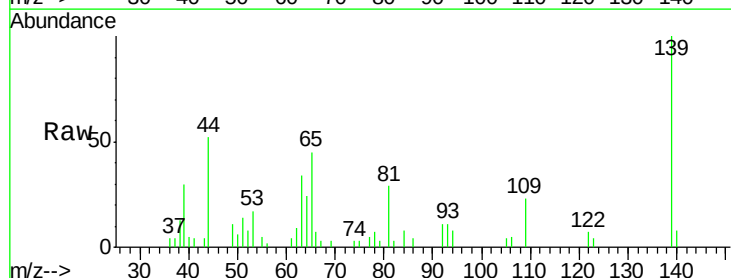
Tgt Ion: 139 Resp: 11233

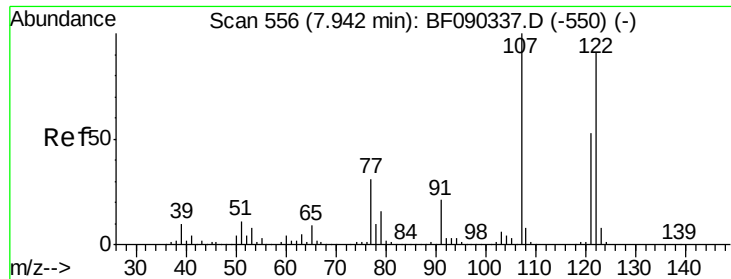
Ion Ratio Lower Upper

139 100

109 22.8 18.9 28.3

65 44.9 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 2.51 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

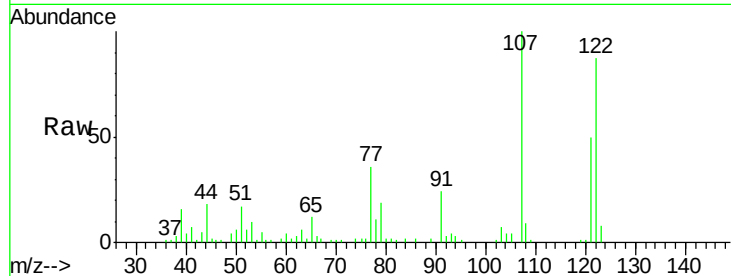
Tot Ion:122 Resp: 49369

Ion Ratio Lower Upper

122 100

107 115.5 88.6 132.8

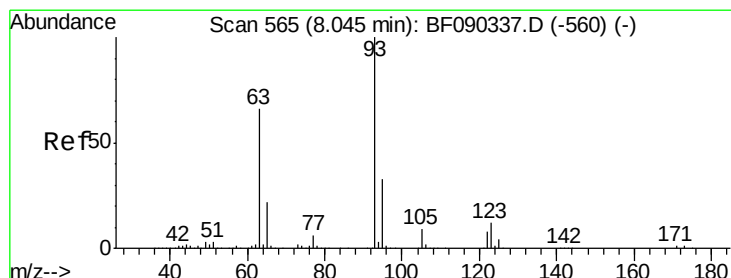
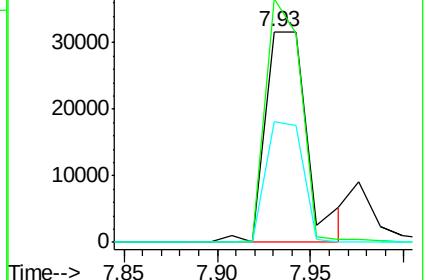
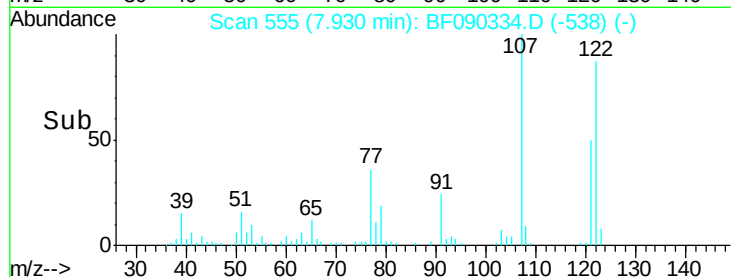
121 57.3 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.33 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

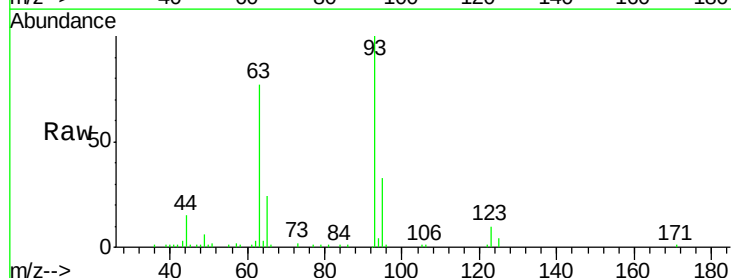
Tgt Ion: 93 Resp: 63525

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

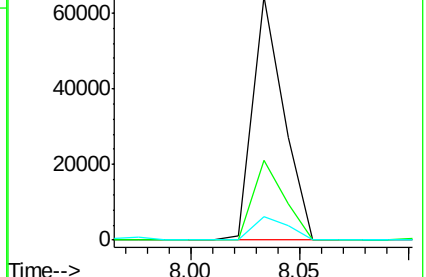
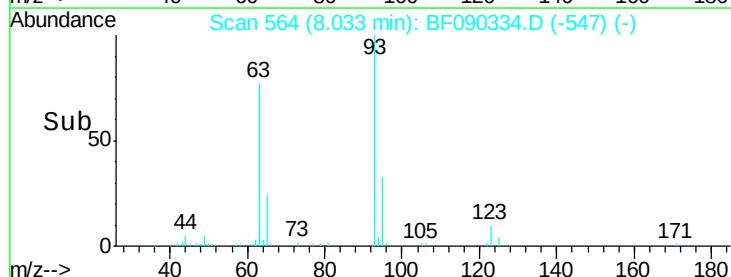
123 9.6 11.1 16.7#

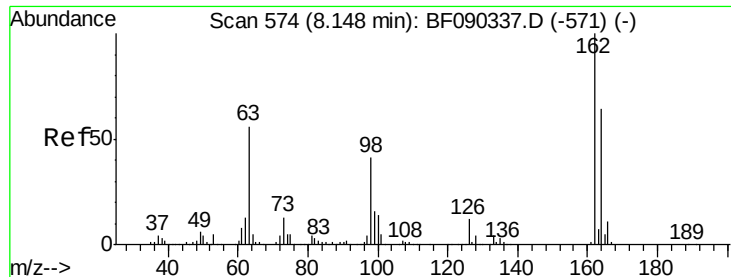


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

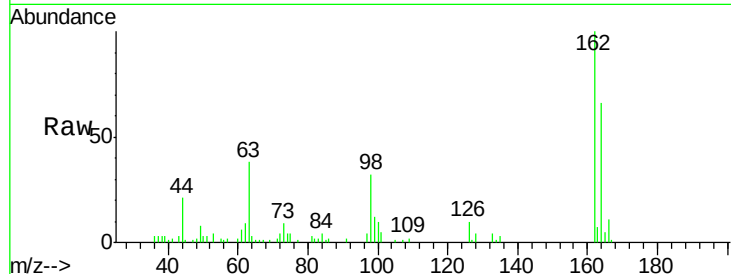




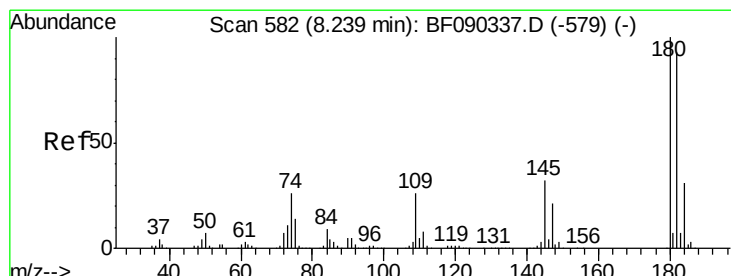
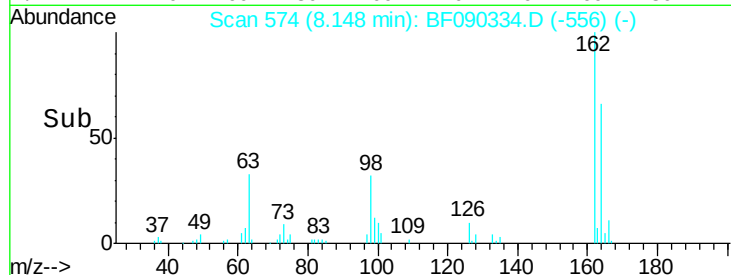
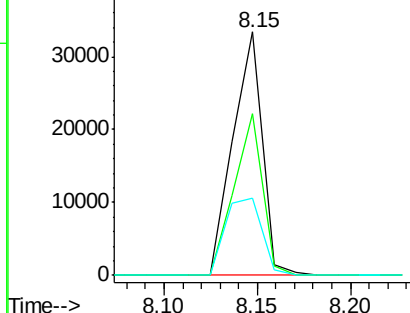
#29
2,4-Dichlorophenol
Concen: 2.13 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 36834
Ion Ratio Lower Upper
162 100
164 66.2 45.7 85.7
98 31.6 13.3 53.3

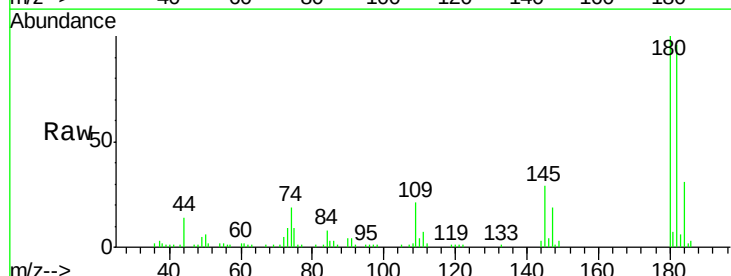


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

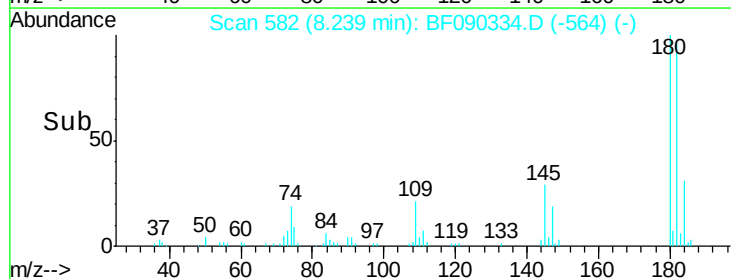
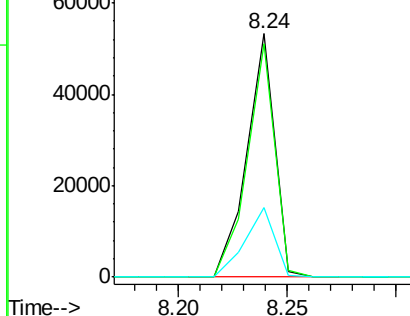


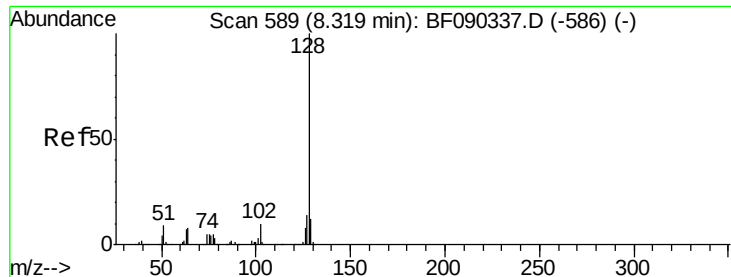
#30
1,2,4-Trichlorobenzene
Concen: 2.75 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:180 Resp: 47388
Ion Ratio Lower Upper
180 100
182 96.0 75.3 112.9
145 28.6 27.7 41.5



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

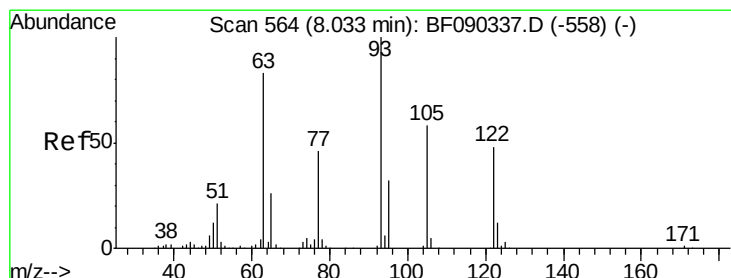
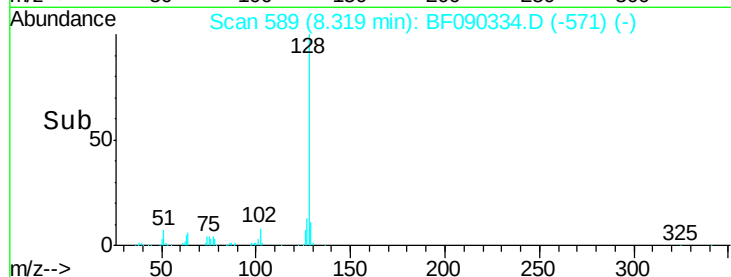
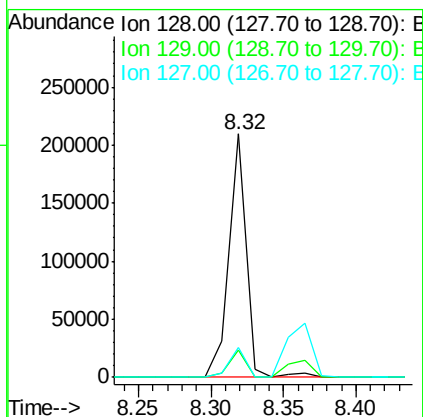
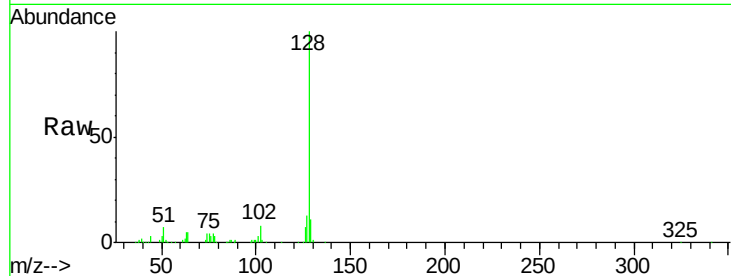




#31
Naphthalene
Concen: 2.93 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

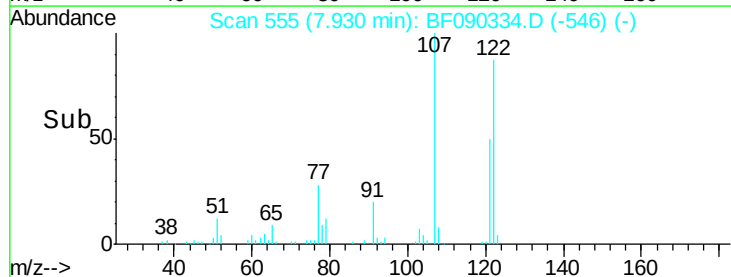
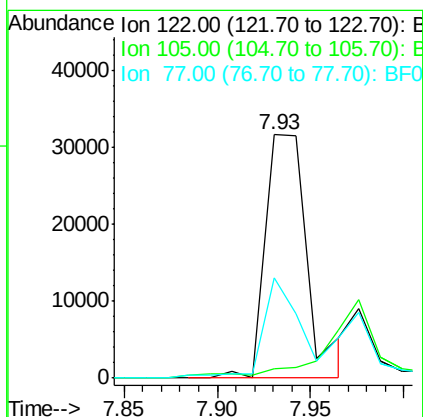
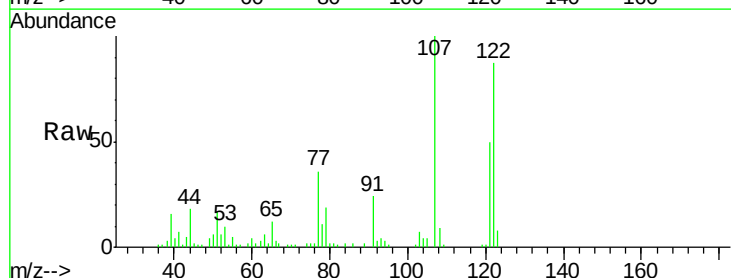
Instrument :
BNA_F
ClientSampleId :

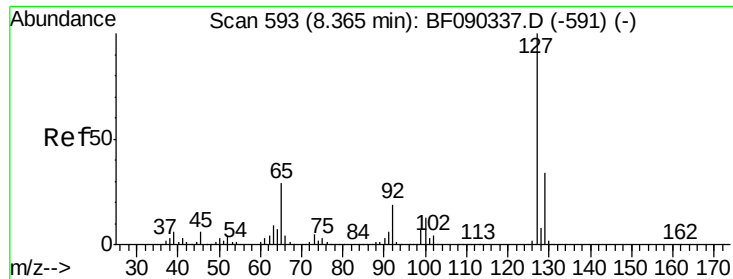
Tot Ion:128 Resp: 174565
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.5 11.7 17.5



#32
Benzoic acid
Concen: 3.65 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.10 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:122 Resp: 49369
Ion Ratio Lower Upper
122 100
105 4.1 103.9 143.9#
77 41.3 74.6 114.6#

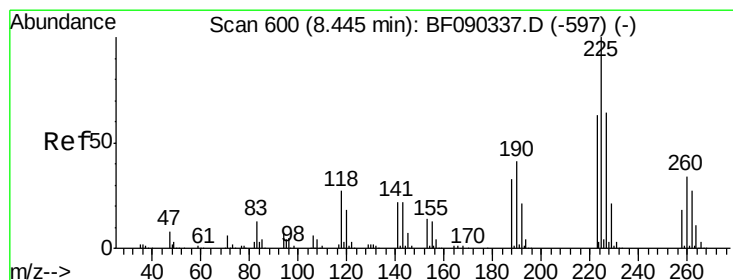
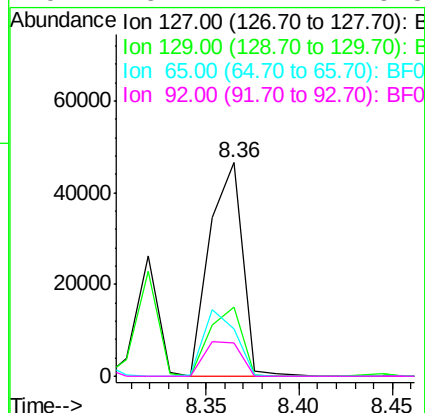
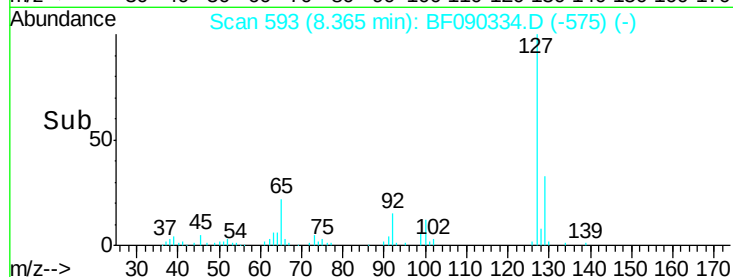
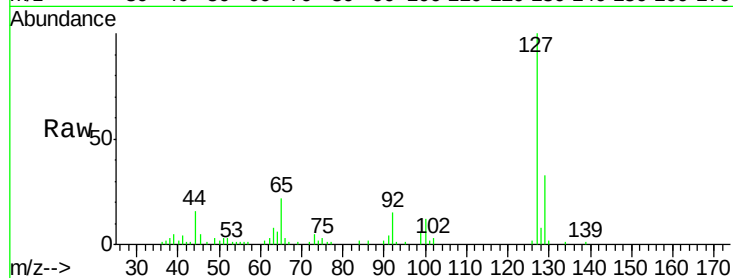




#33
4-Chloroaniline
Concen: 2.31 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

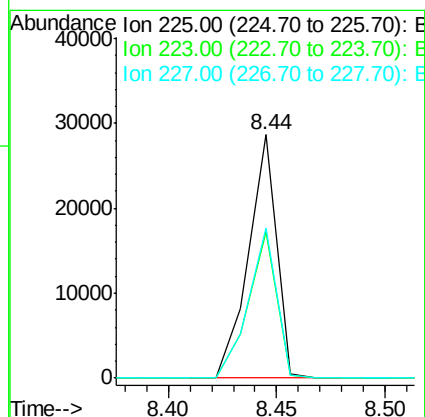
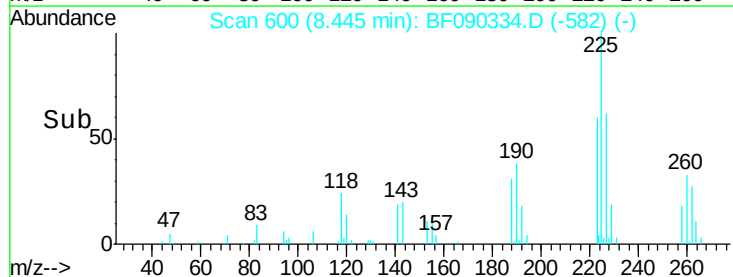
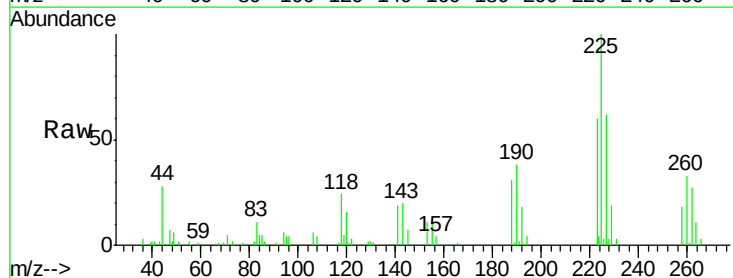
Instrument :
BNA_F
ClientSampleId :

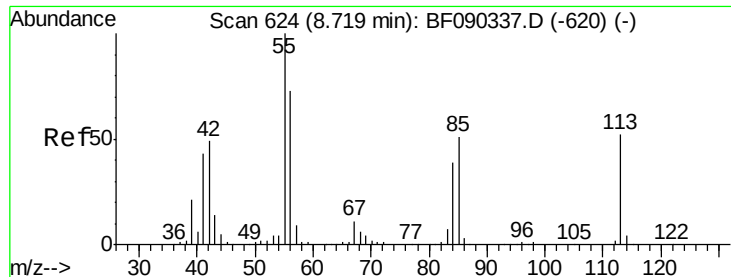
Tot Ion:127 Resp: 57109
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 22.0 32.5 48.7#
92 15.4 17.2 25.8#



#34
Hexachlorobutadiene
Concen: 2.82 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:225 Resp: 25673
Ion Ratio Lower Upper
225 100
223 60.3 51.0 76.4
227 61.7 50.8 76.2

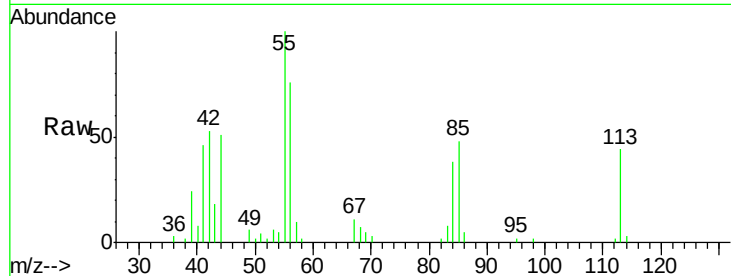




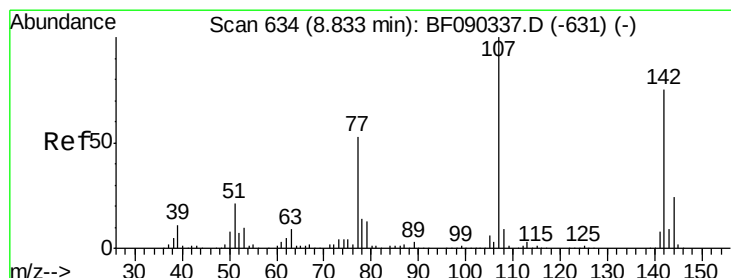
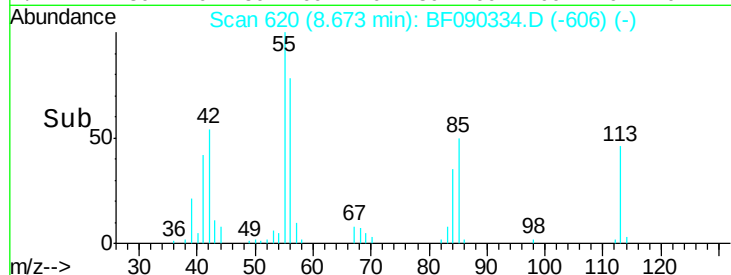
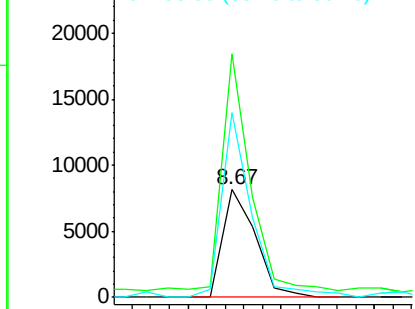
#35
Caprolactam
Concen: 1.75 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 10007
Ion Ratio Lower Upper
113 100
55 225.9 203.3 243.3
56 170.9 140.5 180.5

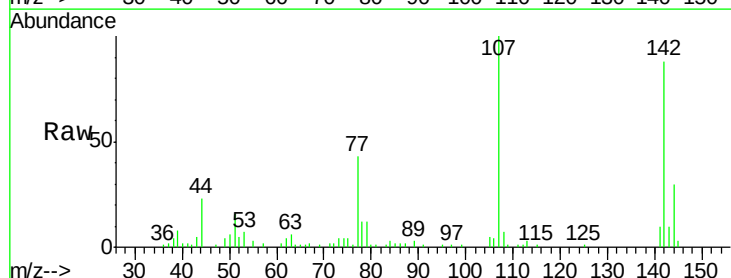


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

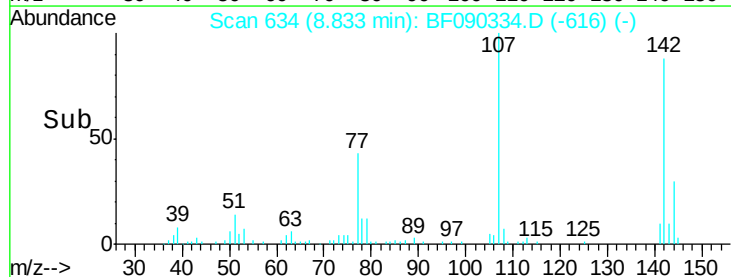
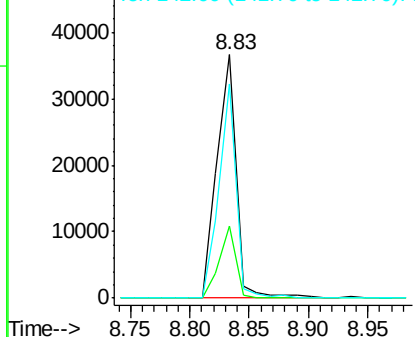


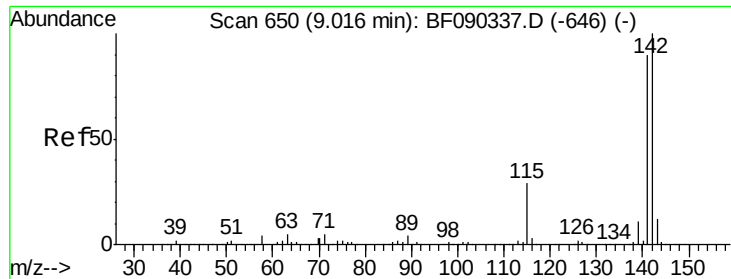
#36
4-Chloro-3-methylphenol
Concen: 2.10 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:107 Resp: 40946
Ion Ratio Lower Upper
107 100
144 29.6 19.8 29.8
142 87.9 60.7 91.1



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

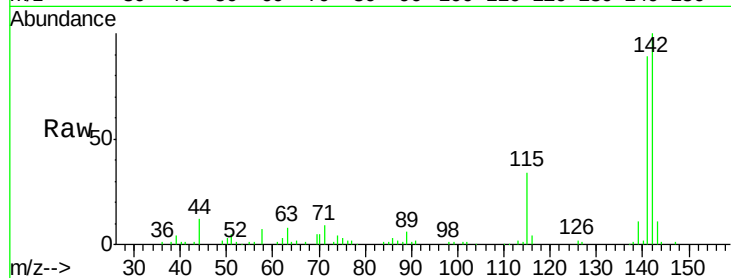




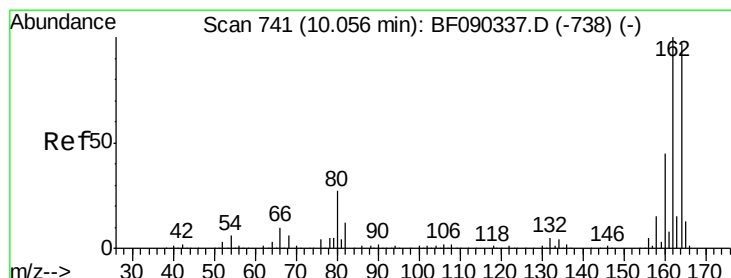
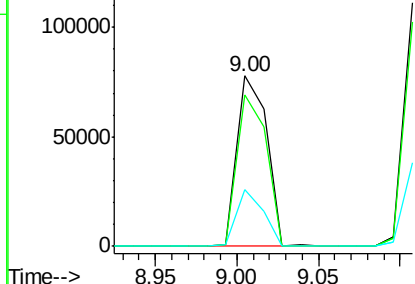
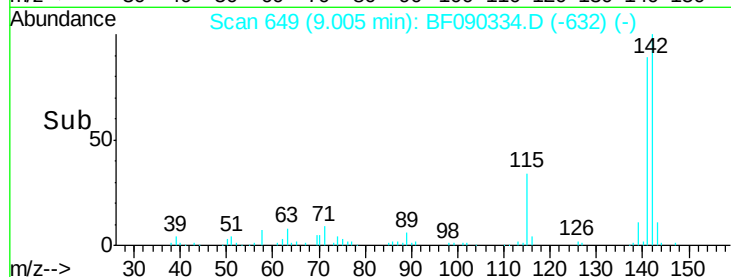
#37
2-Methylnaphthalene
Concen: 2.63 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 97503
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.8
115 33.5 28.8 43.2

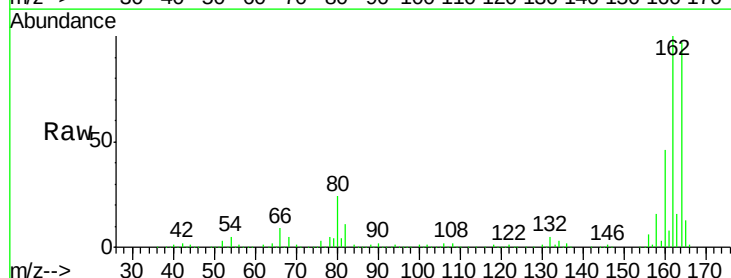


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

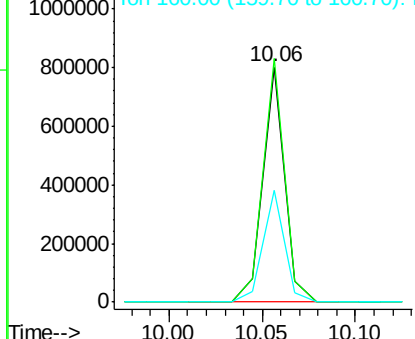
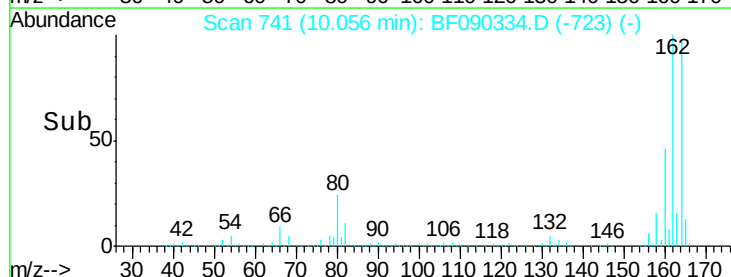


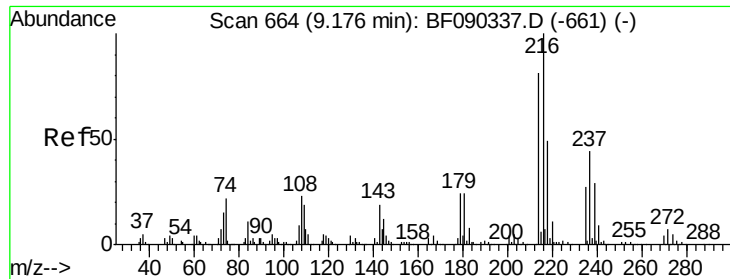
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:164 Resp: 653397
Ion Ratio Lower Upper
164 100
162 103.5 80.1 120.1
160 47.6 36.3 54.5



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

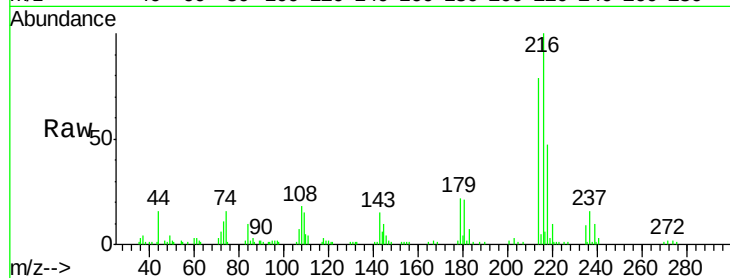




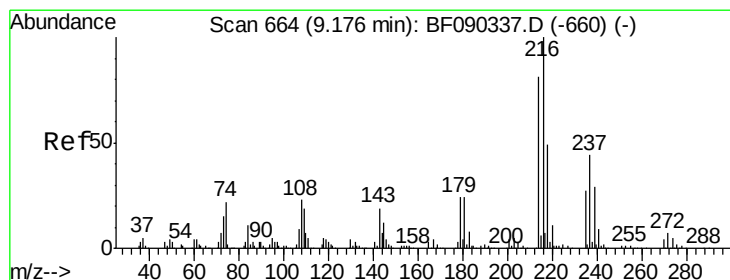
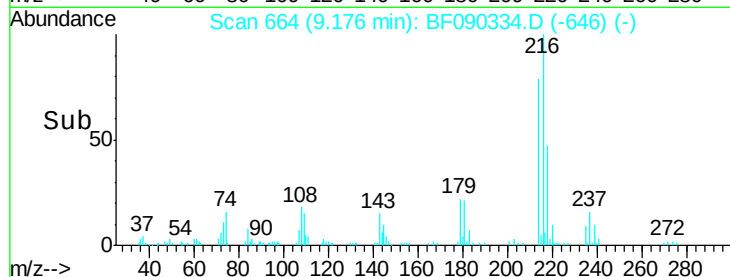
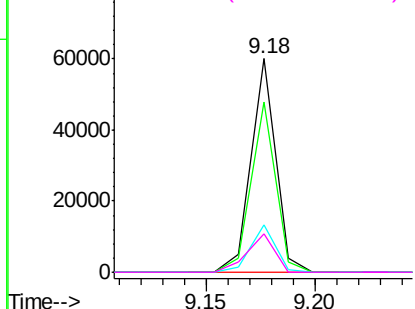
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.16 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	47405
Ion Ratio	Lower	Upper
216	100	
214	79.0	64.2 96.2
179	22.5	18.0 27.0
108	20.2	15.2 22.8

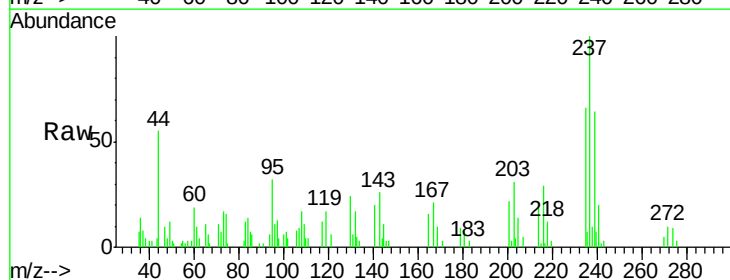


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

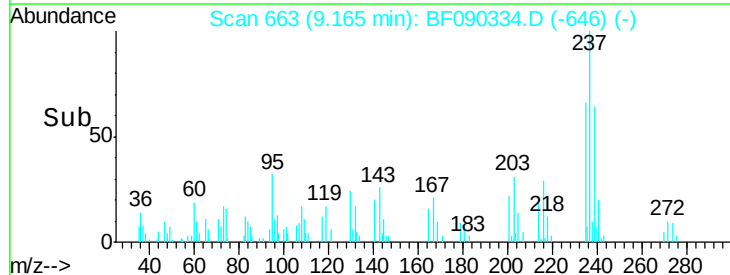
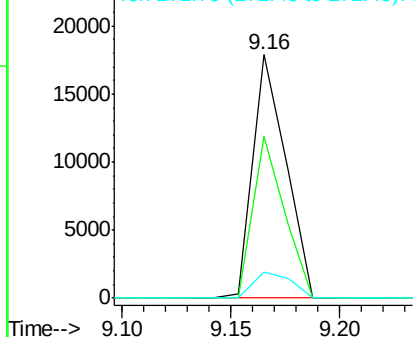


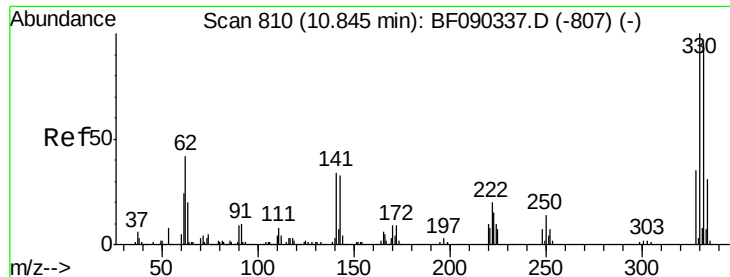
#40
 Hexachlorocyclopentadiene
 Concen: 2.56 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:237	Resp:	18938
Ion Ratio	Lower	Upper
237	100	
235	66.3	43.6 83.6
272	10.5	0.0 32.7



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

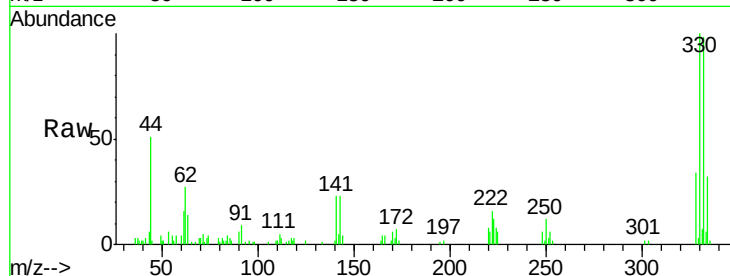




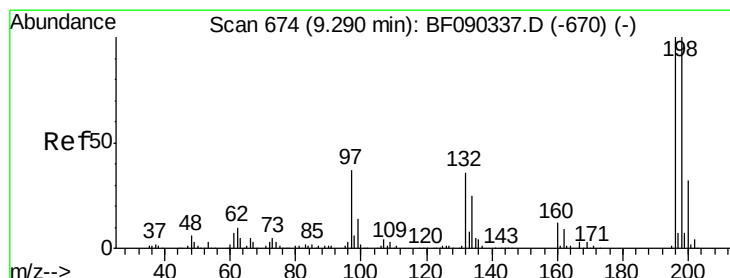
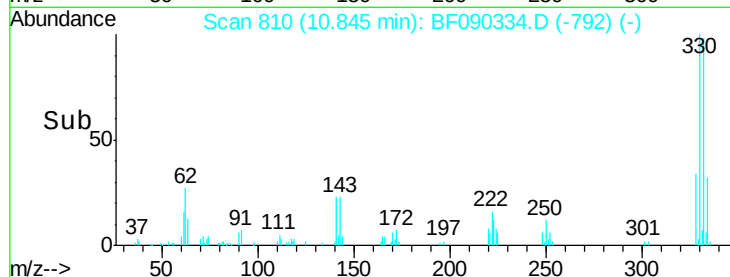
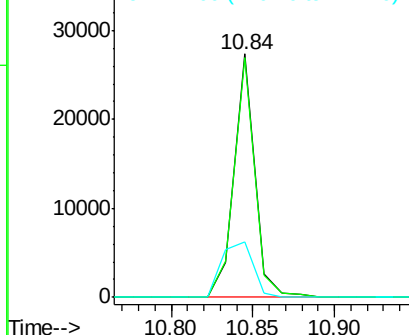
#41
 2,4,6-Tribromophenol
 Concen: 4.26 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 23903
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.4 113.0
 141 34.8 26.9 40.3

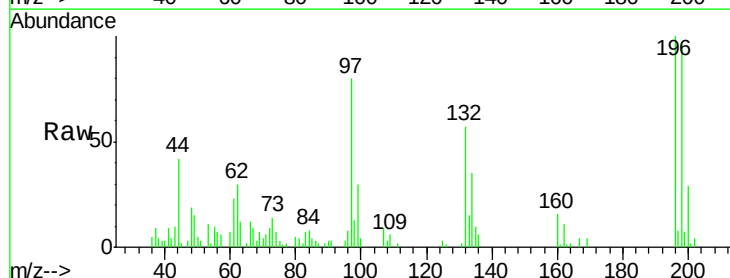


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

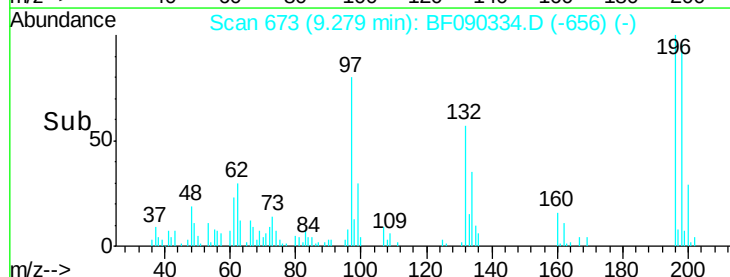
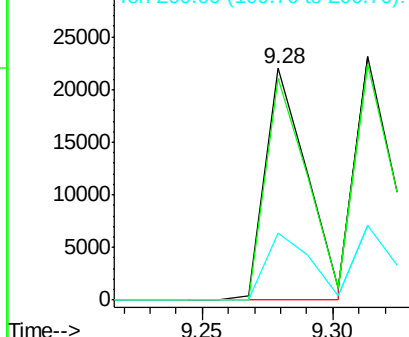


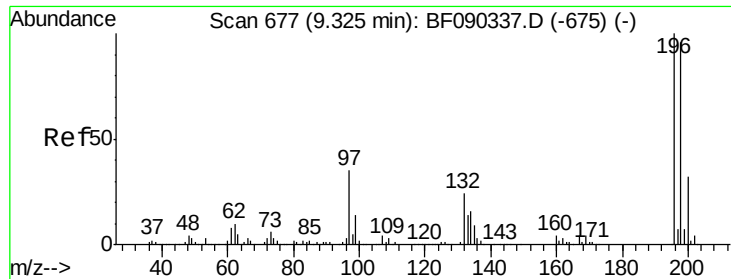
#42
 2,4,6-Trichlorophenol
 Concen: 2.28 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:196 Resp: 24412
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.9 118.3
 200 28.9 25.4 38.2



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

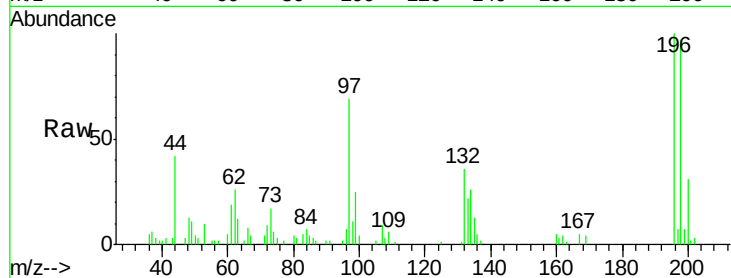




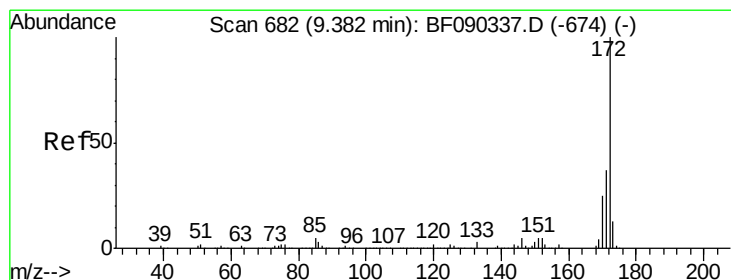
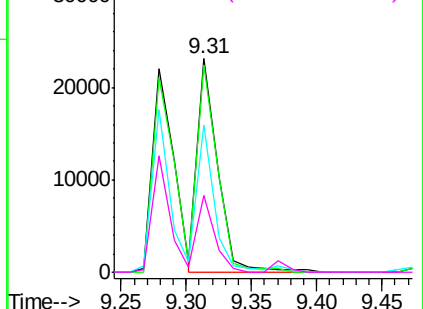
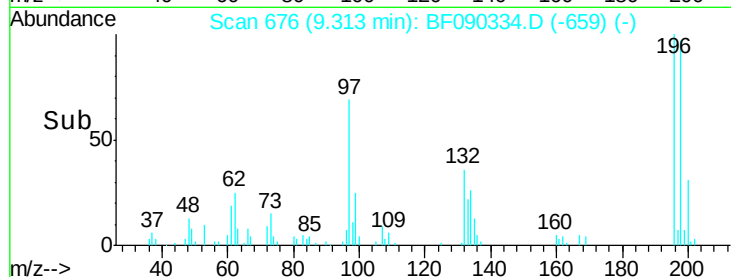
#43
 2,4,5-Trichlorophenol
 Concen: 2.26 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 25024
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.1 117.1
 97 68.8 48.1 72.1
 132 36.2 27.4 41.2

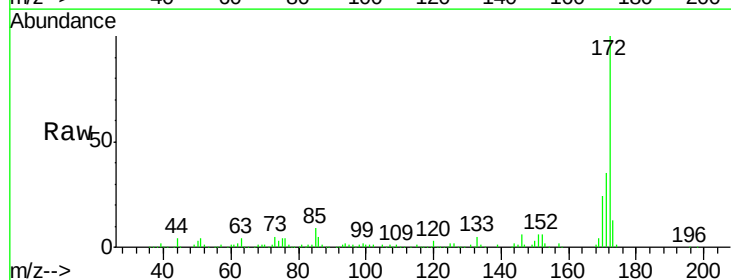


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

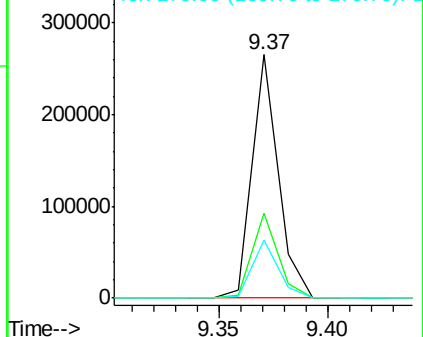
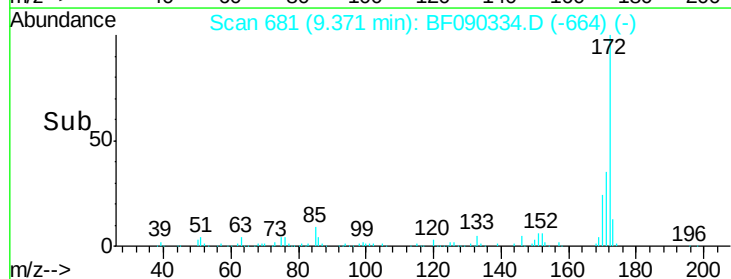


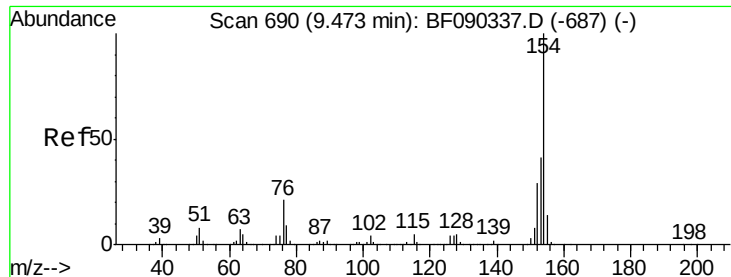
#44
 2-Fluorobiphenyl
 Concen: 6.62 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:172 Resp: 220246
 Ion Ratio Lower Upper
 172 100
 171 34.9 31.8 47.8
 170 23.8 21.7 32.5



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: 2.94 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

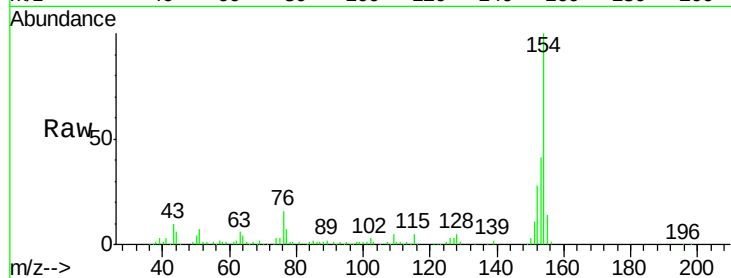
Tot Ion:154 Resp: 137389

Ion Ratio Lower Upper

154 100

153 40.6 23.8 63.8

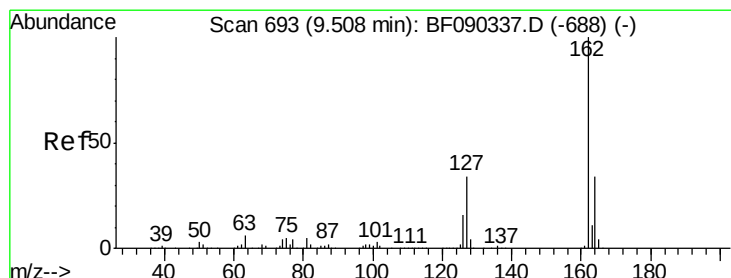
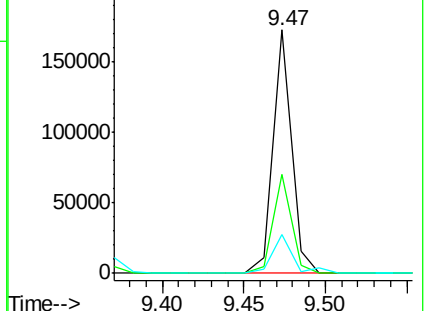
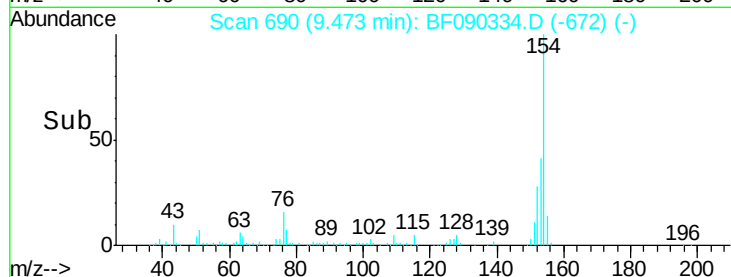
76 15.8 0.0 35.8



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: 2.83 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

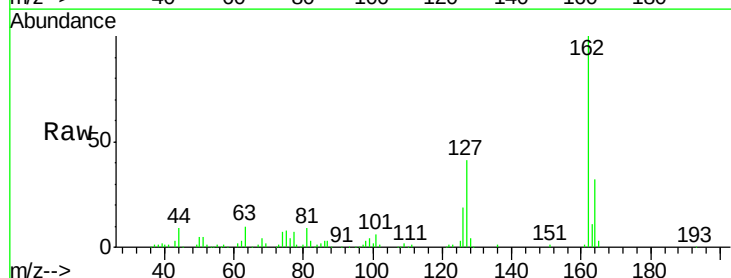
Tgt Ion:162 Resp: 97547

Ion Ratio Lower Upper

162 100

127 41.1 35.6 53.4

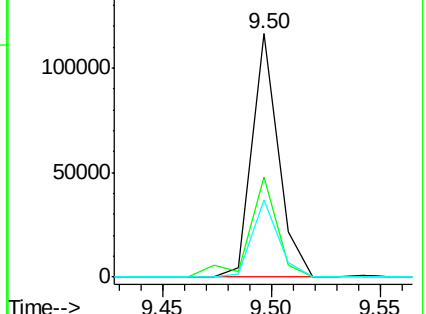
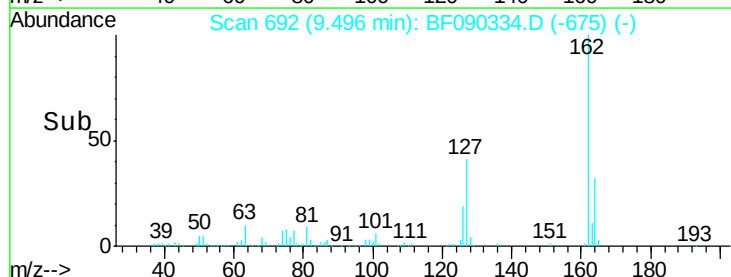
164 31.7 27.5 41.3

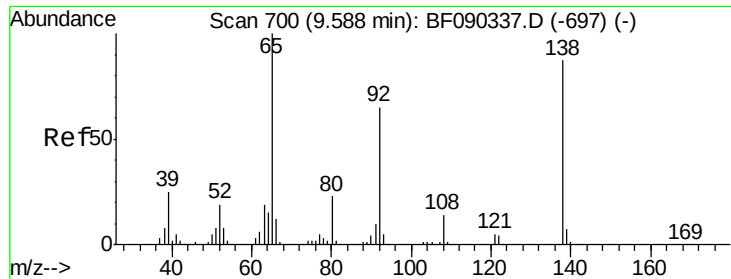


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

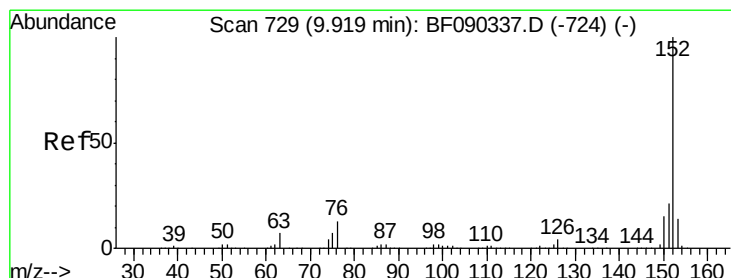
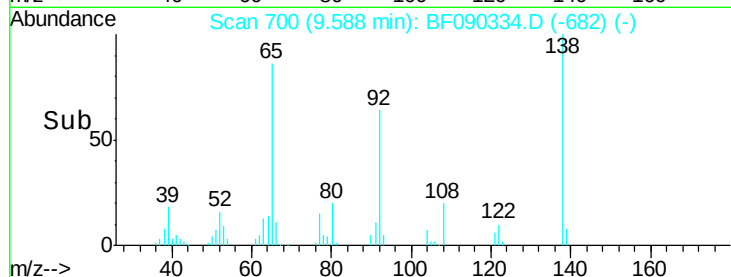
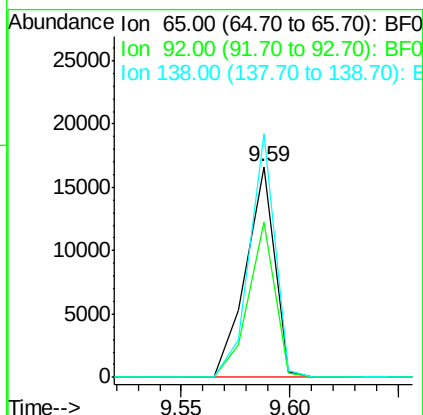
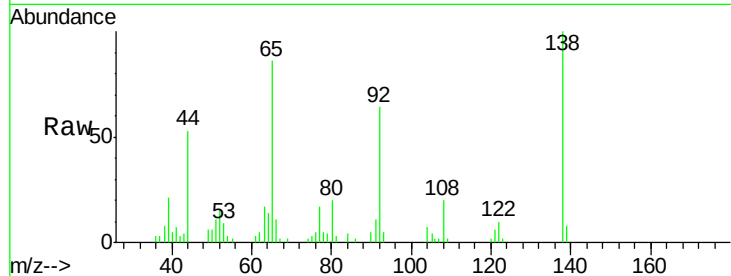




#47
2-Nitroaniline
Concen: 1.47 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

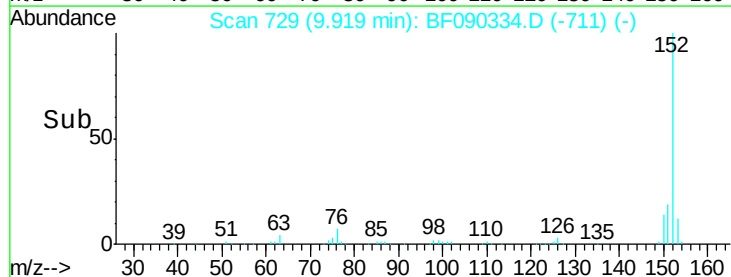
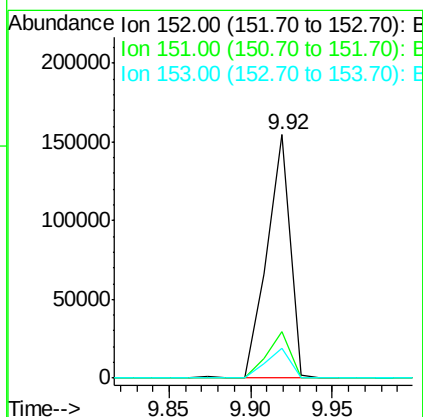
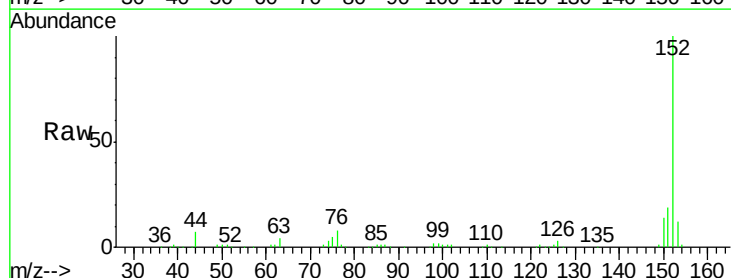
Instrument :
BNA_F
ClientSampled :

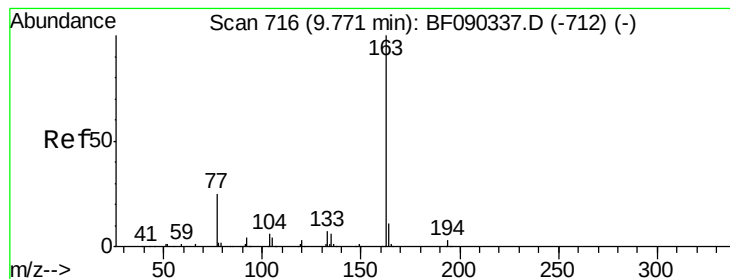
Tot Ion: 65 Resp: 15269
Ion Ratio Lower Upper
65 100
92 73.8 51.7 77.5
138 115.7 79.0 118.4



#48
Acenaphthylene
Concen: 2.75 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion: 152 Resp: 153777
Ion Ratio Lower Upper
152 100
151 19.3 17.4 26.0
153 12.4 11.6 17.4





#49

Dimethylphthalate

Concen: 8.23 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

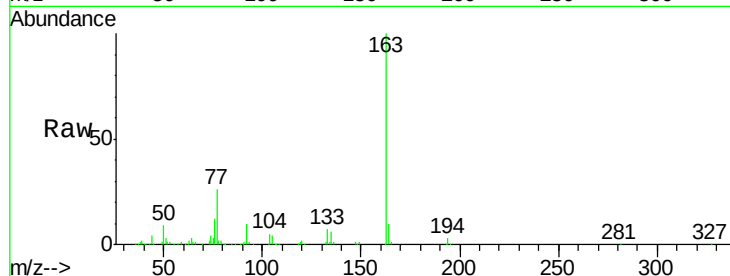
Tot Ion:163 Resp: 342644

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

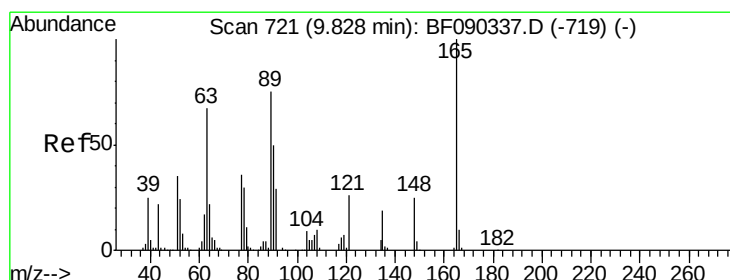
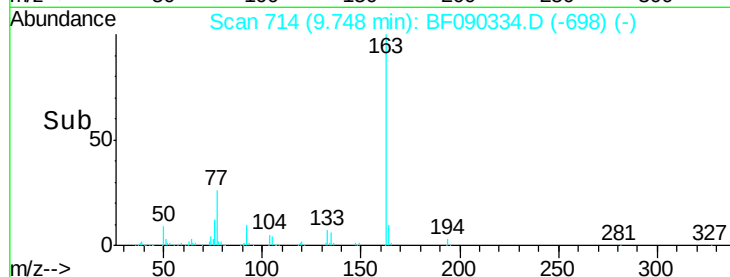
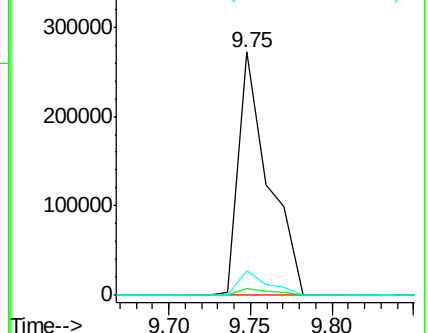
164 10.0 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.48 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

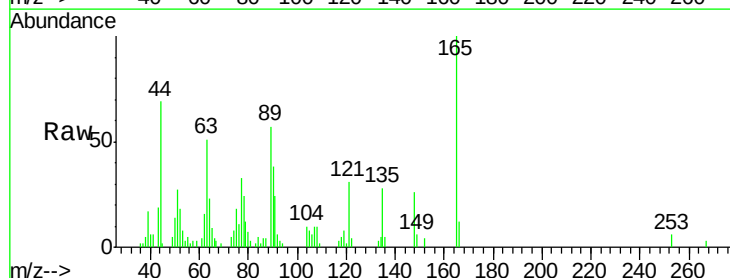
Tgt Ion:165 Resp: 13708

Ion Ratio Lower Upper

165 100

63 51.0 58.0 87.0#

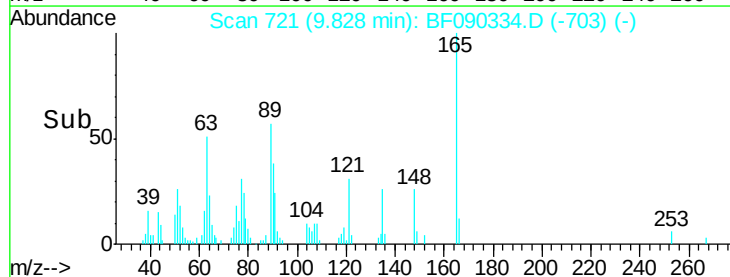
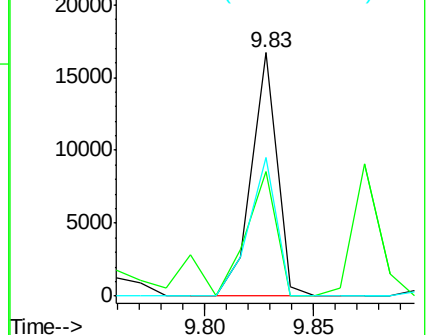
89 56.7 51.2 76.8

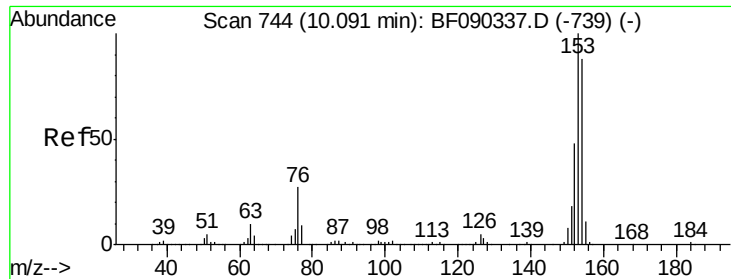


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.85 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

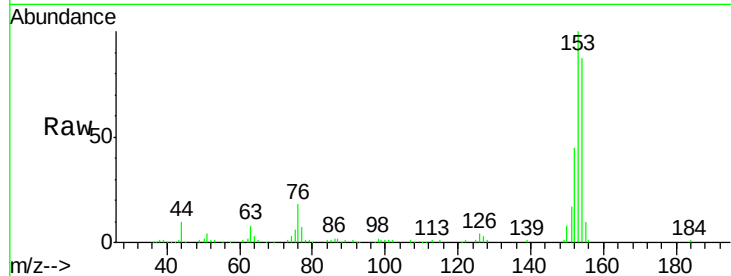
Tot Ion:154 Resp: 94864

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

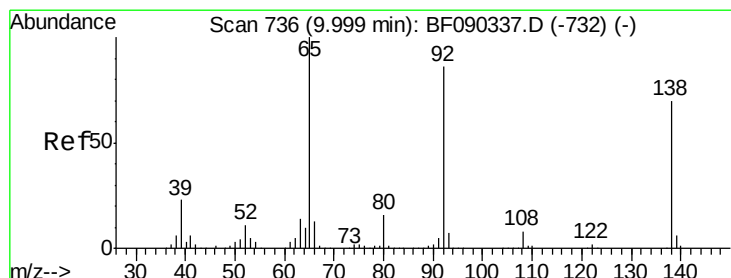
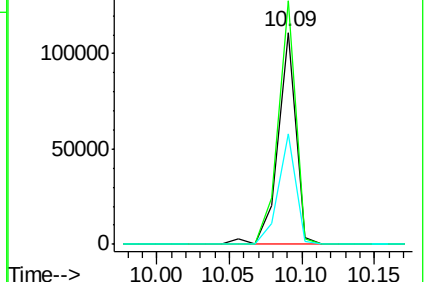
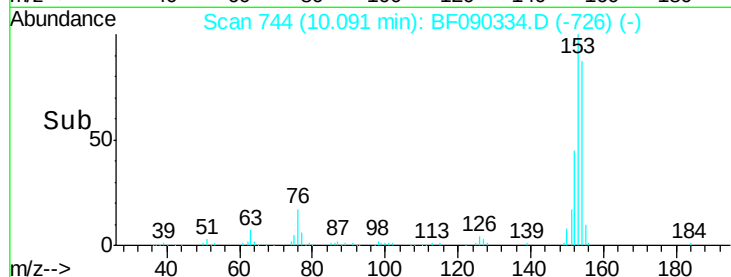
152 52.0 42.6 64.0



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: 1.34 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

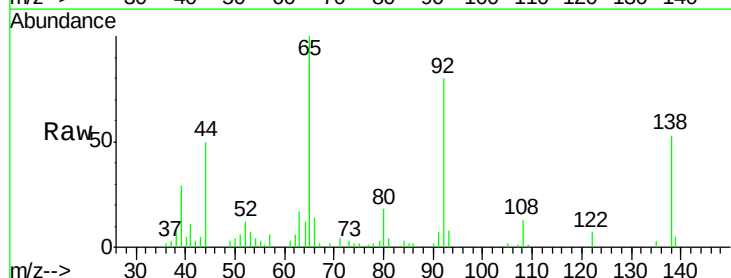
Tgt Ion:138 Resp: 14596

Ion Ratio Lower Upper

138 100

108 24.3 9.7 14.5#

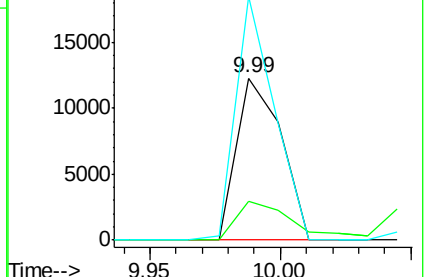
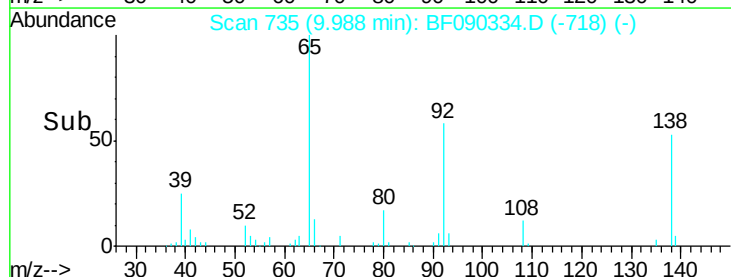
92 150.3 97.1 145.7#

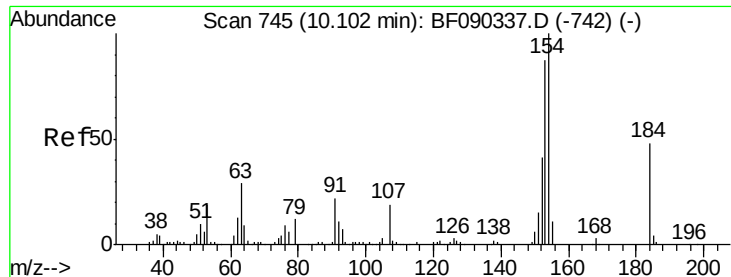


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

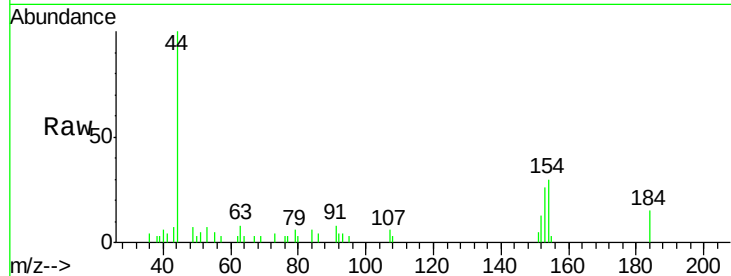




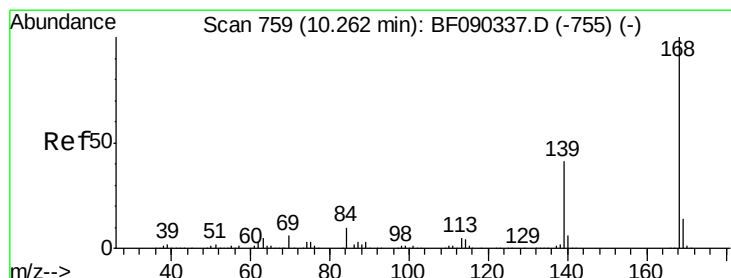
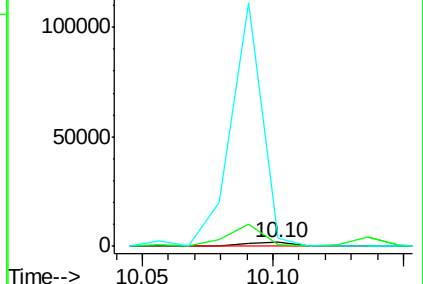
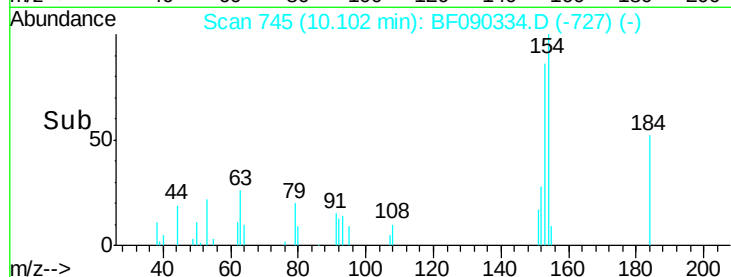
#53
2,4-Dinitrophenol
Concen: 0.49 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 2006
Ion Ratio Lower Upper
184 100
63 50.7 41.9 62.9
154 193.6 48.9 73.3#

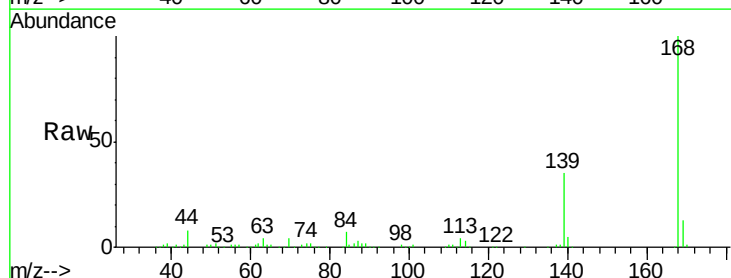


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

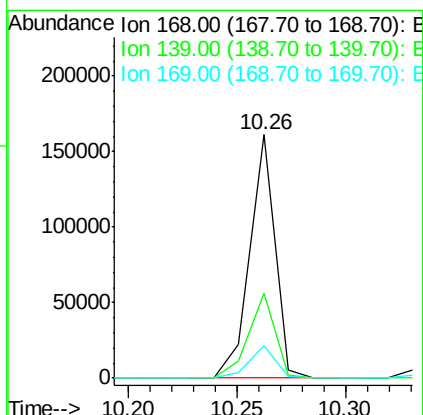
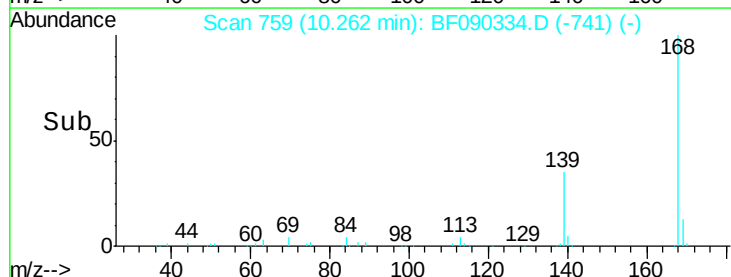


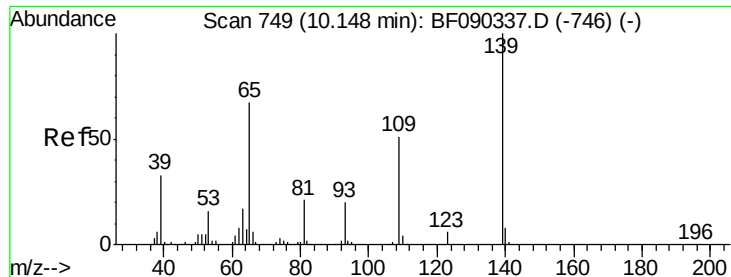
#54
Dibenzofuran
Concen: 2.97 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:168 Resp: 129959
Ion Ratio Lower Upper
168 100
139 34.8 29.6 44.4
169 13.2 11.3 16.9



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





#55

4-Nitrophenol

Concen: 1.68 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

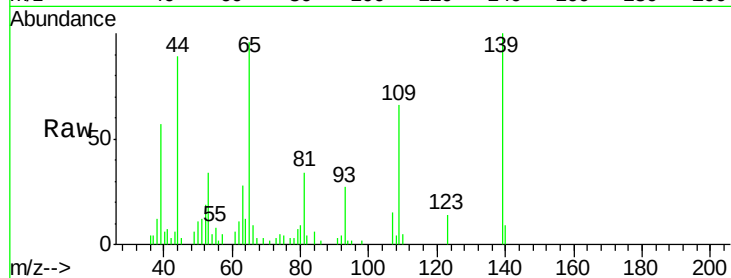
Tot Ion:139 Resp: 12540

Ion Ratio Lower Upper

139 100

109 65.9 43.6 83.6

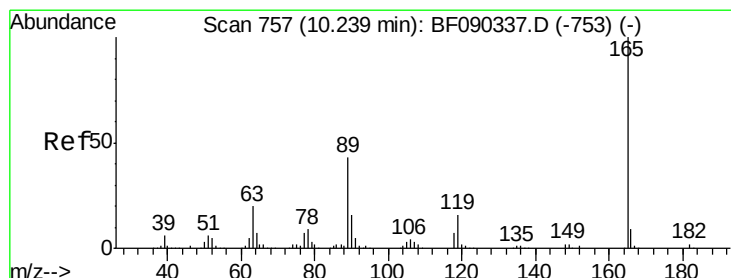
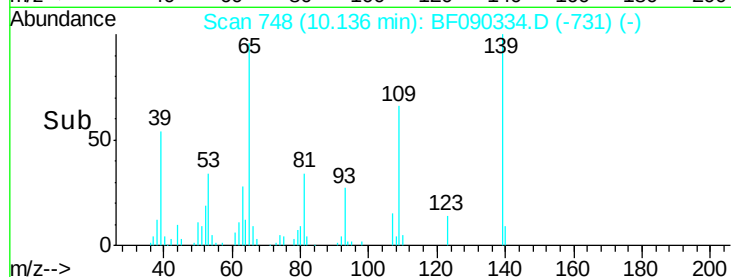
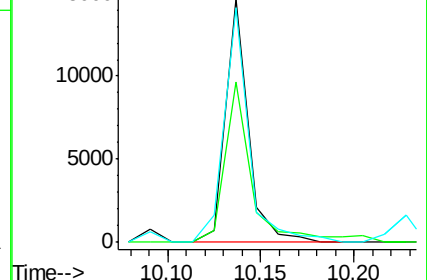
65 96.5 87.5 127.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 1.38 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Tgt Ion:165 Resp: 15105

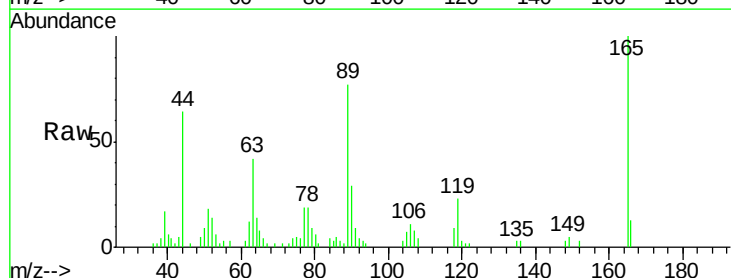
Ion Ratio Lower Upper

165 100

63 41.7 17.8 26.6#

89 77.1 33.2 49.8#

182 0.0 2.1 3.1#

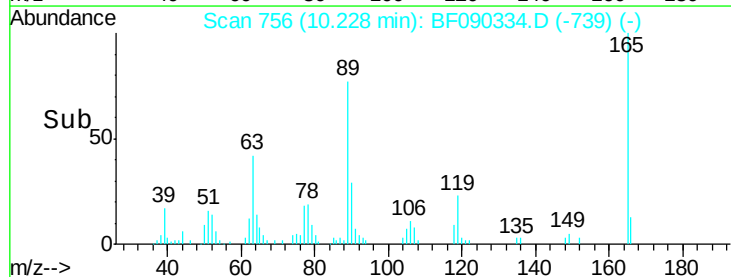
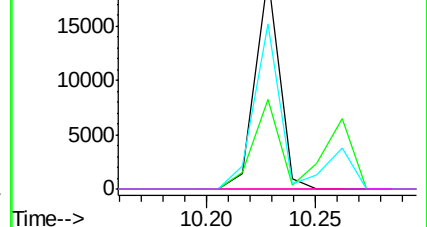


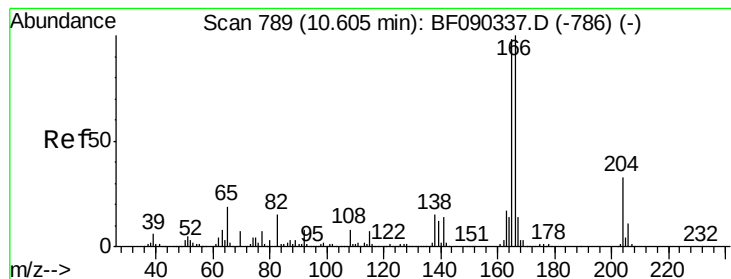
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.39 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

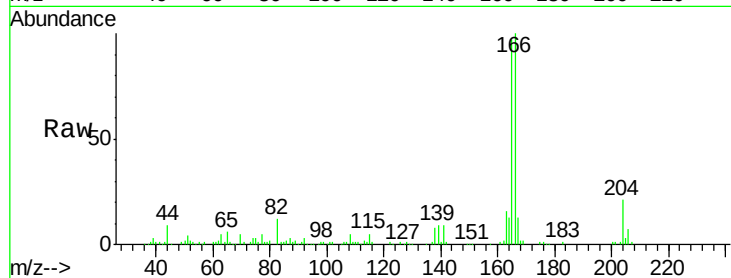
Tot Ion:166 Resp: 111935

Ion Ratio Lower Upper

166 100

165 97.4 79.2 118.8

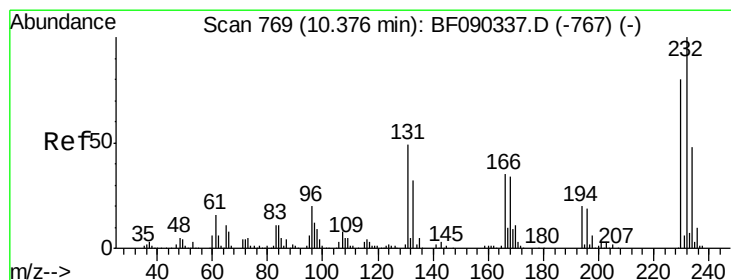
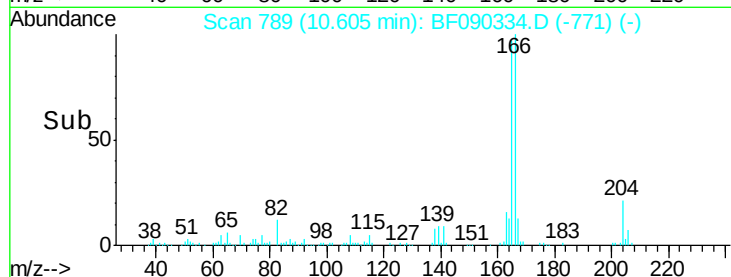
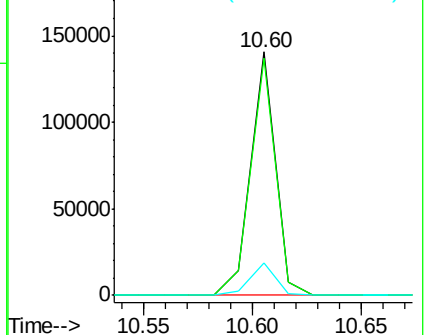
167 13.2 11.1 16.7



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: 2.25 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Tgt Ion:232 Resp: 18621

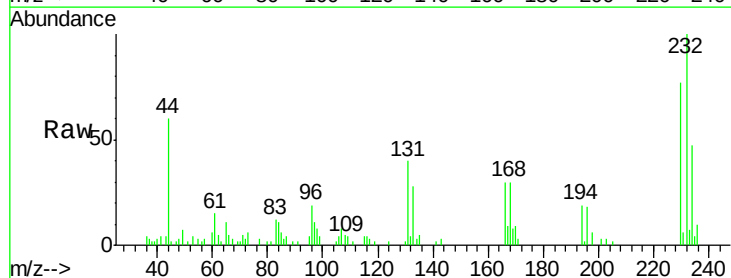
Ion Ratio Lower Upper

232 100

131 46.6 34.5 51.7

130 1.8 1.6 2.4

166 30.4 23.8 35.8

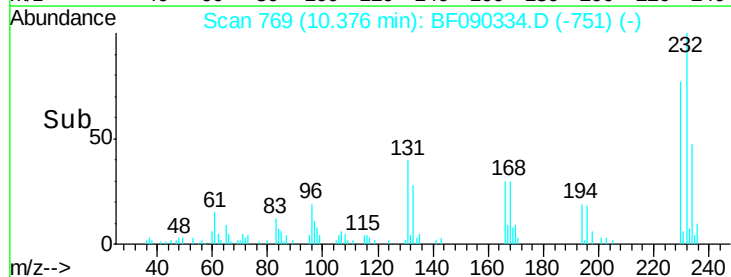
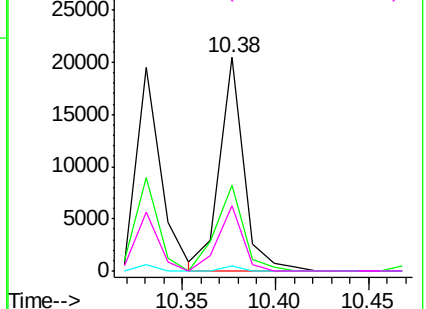


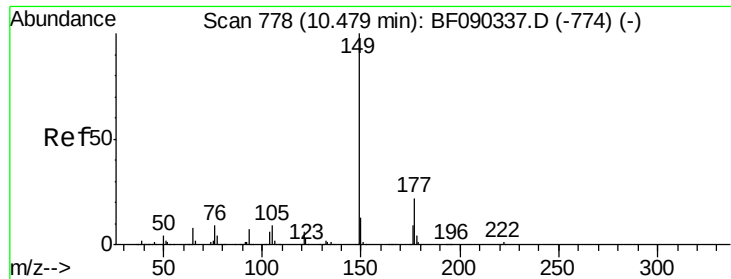
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

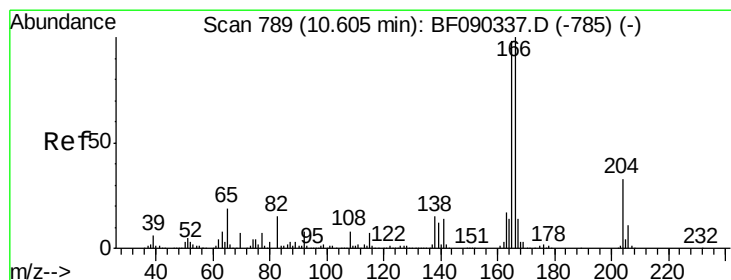
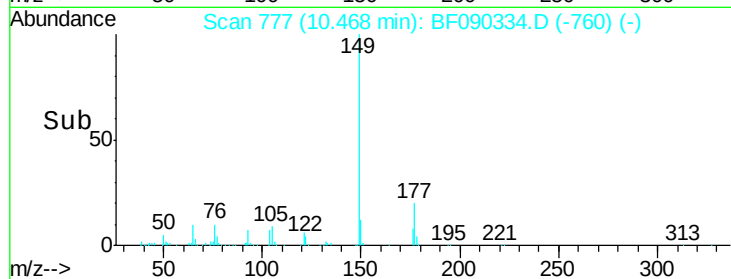
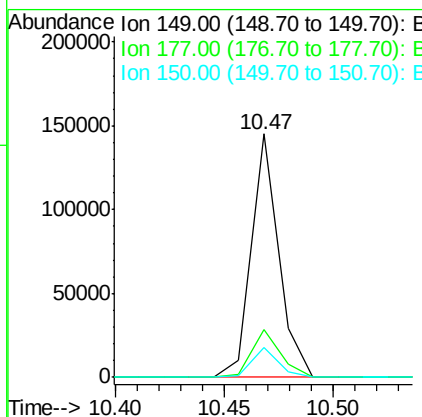
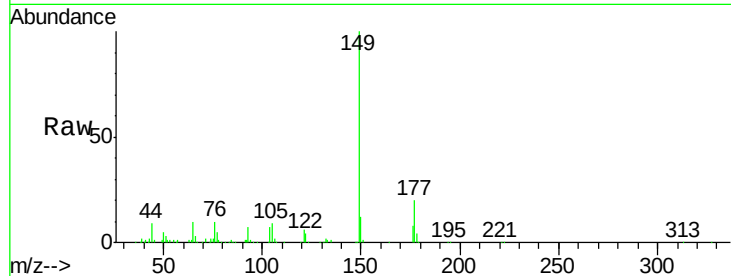




#59
Diethylphthalate
Concen: 3.16 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

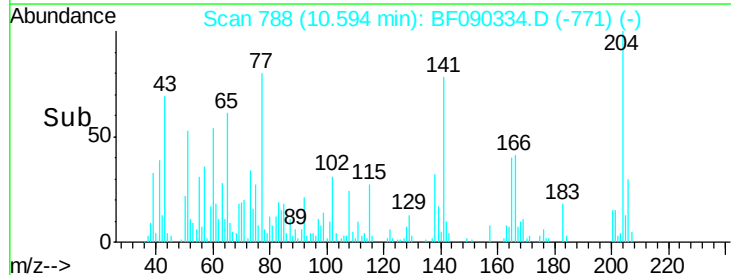
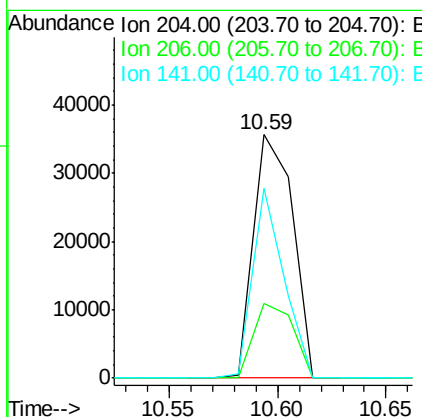
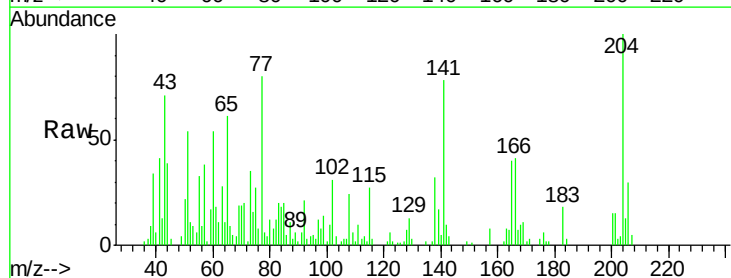
Instrument :
BNA_F
ClientSampleId :

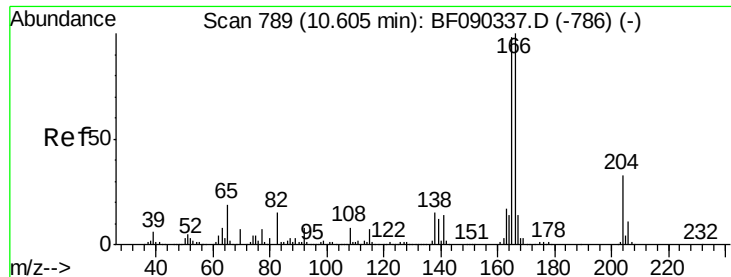
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.6	21.1	31.7#
150	12.2	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 3.00 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.4	26.7	40.1
141	77.9	51.7	77.5#





#61

4-Nitroaniline

Concen: 1.43 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampleId :

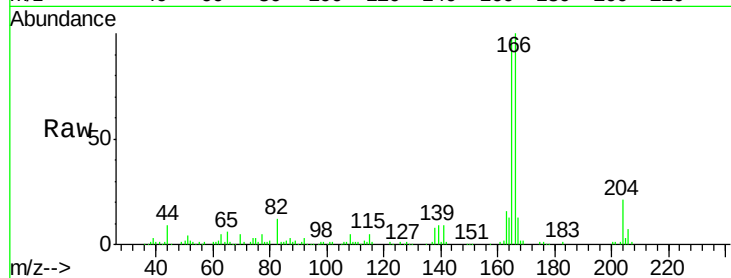
Tot Ion:138 Resp: 15796

Ion Ratio Lower Upper

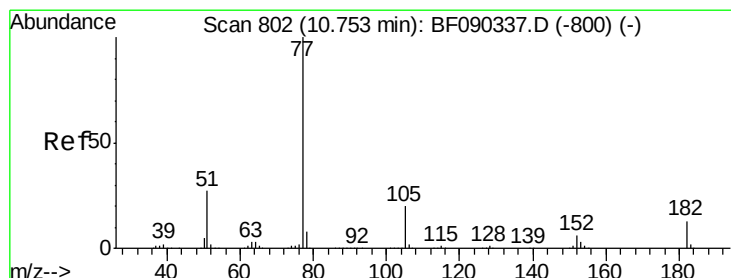
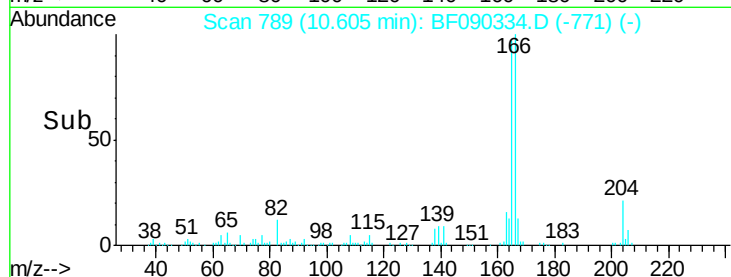
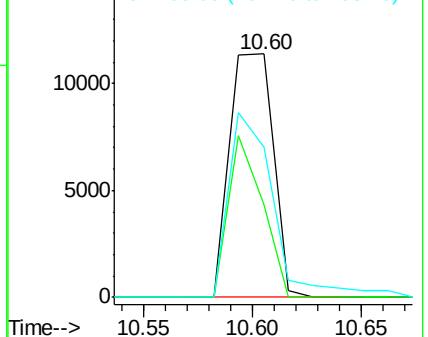
138 100

92 38.2 33.2 73.2

108 61.9 48.5 88.5



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



#62

Azobenzene

Concen: 2.56 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Tgt Ion: 77 Resp: 106905

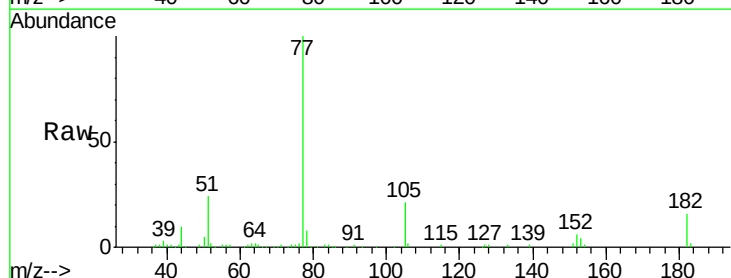
Ion Ratio Lower Upper

77 100

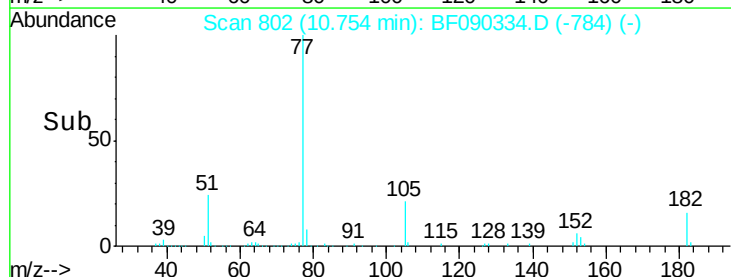
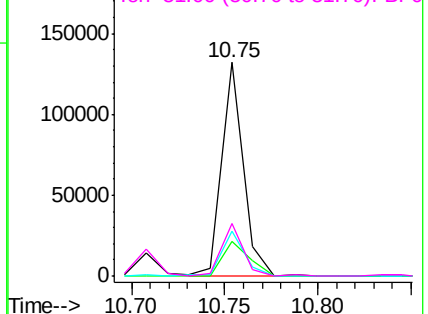
182 16.3 3.2 43.2

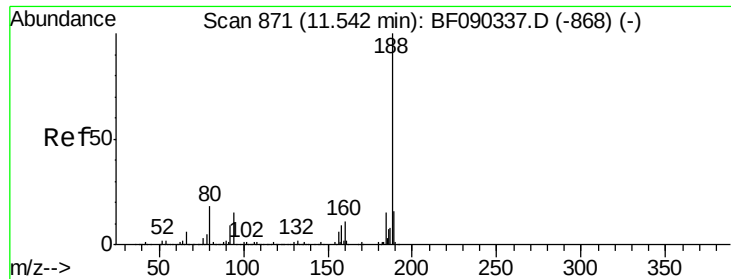
105 21.1 2.9 42.9

51 24.3 14.2 54.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

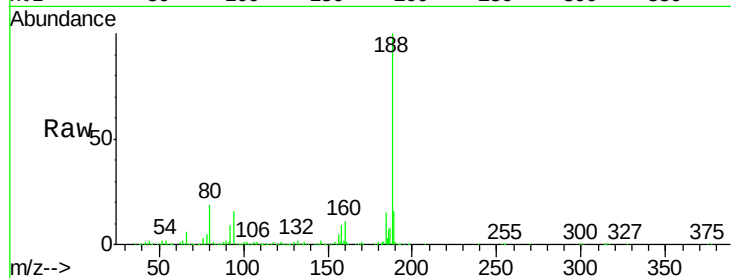




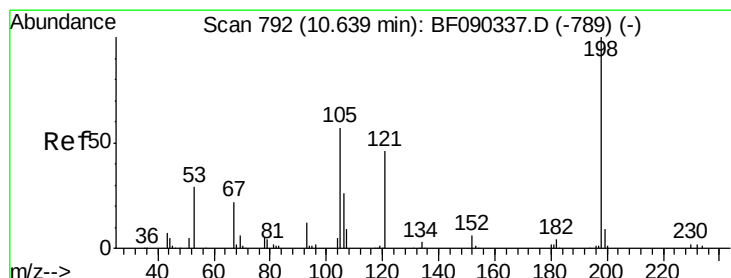
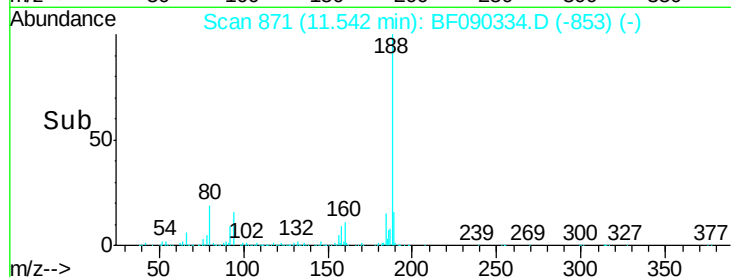
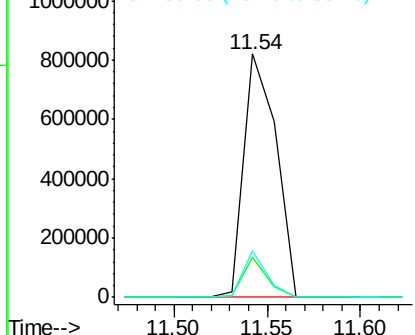
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 985485
Ion Ratio Lower Upper
188 100
94 16.5 8.2 12.2#
80 19.2 8.8 13.2#

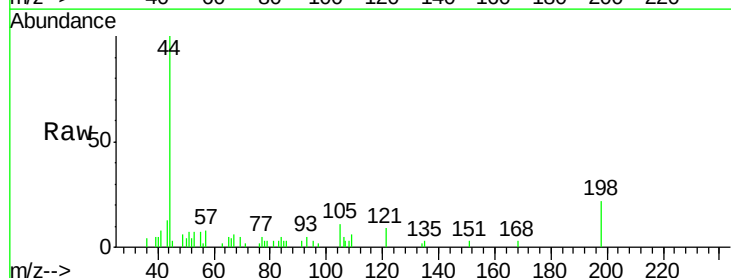


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

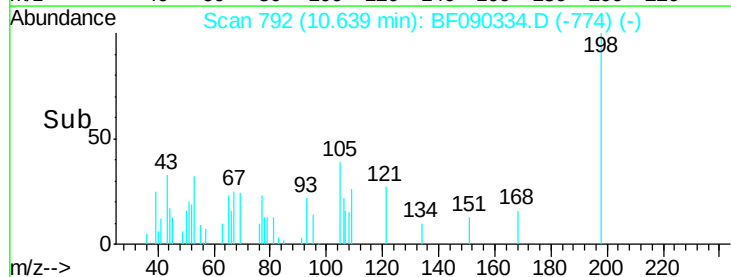
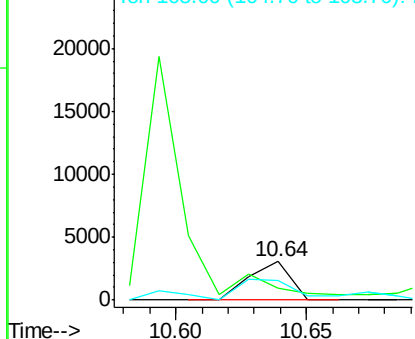


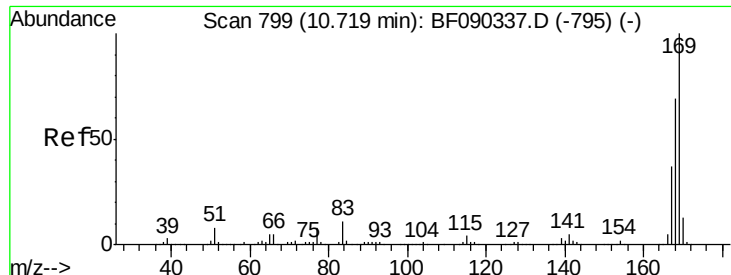
#64
4,6-Dinitro-2-methylphenol
Concen: 0.55 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:198 Resp: 3381
Ion Ratio Lower Upper
198 100
51 30.2 67.3 107.3#
105 49.3 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

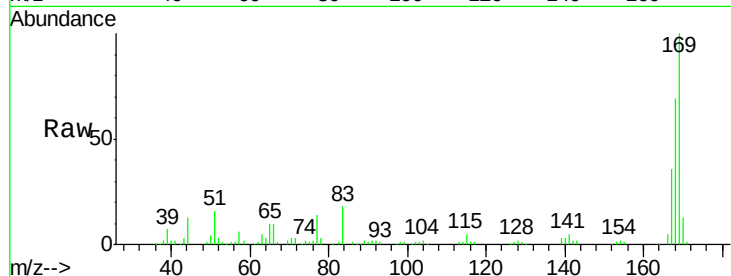




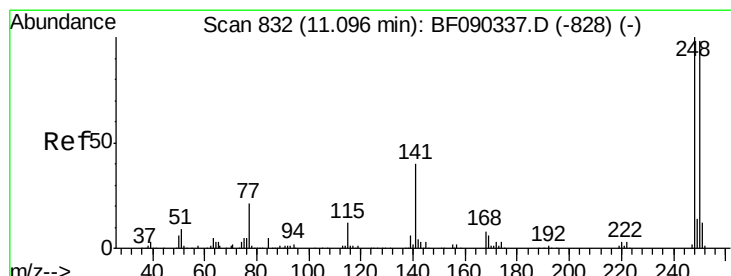
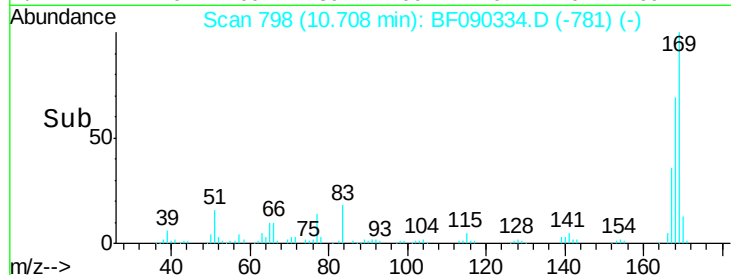
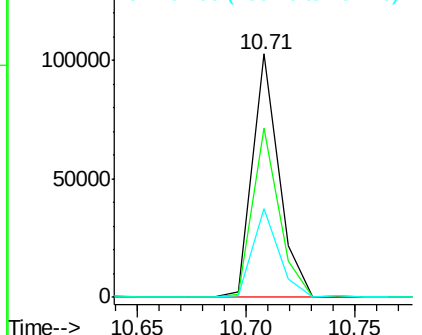
#65
 n-Nitrosodiphenylamine
 Concen: 2.69 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 87161
 Ion Ratio Lower Upper
 169 100
 168 69.4 53.8 80.6
 167 36.5 29.8 44.8

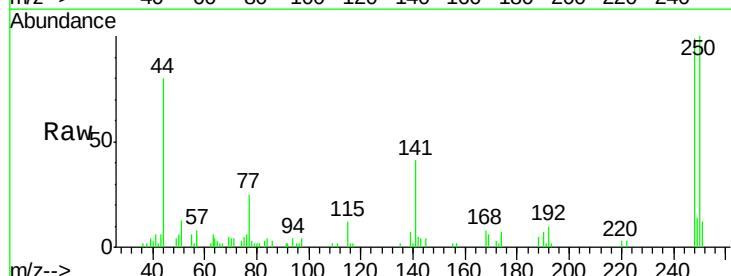


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

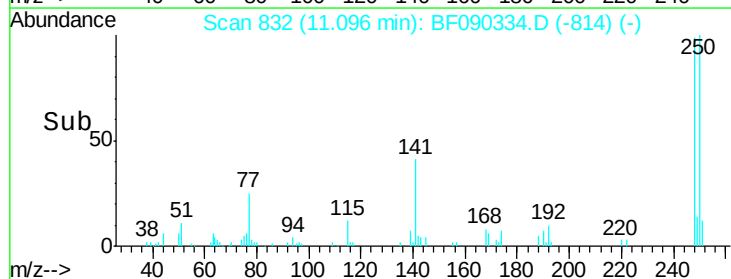
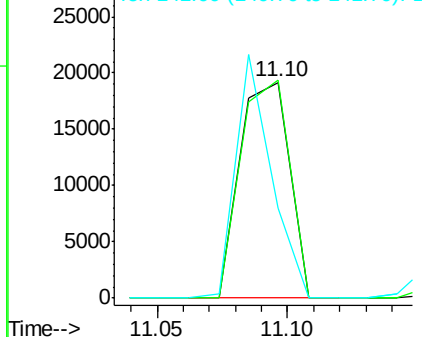


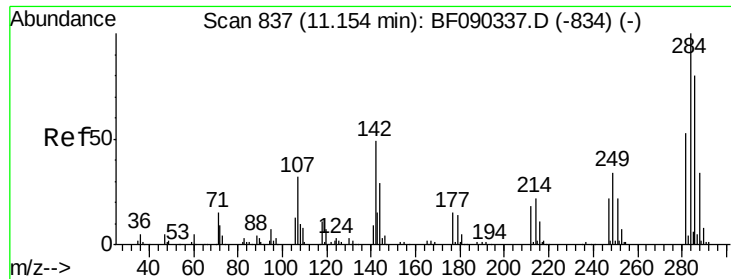
#66
 4-Bromophenyl-phenylether
 Concen: 2.61 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:248 Resp: 25356
 Ion Ratio Lower Upper
 248 100
 250 101.0 76.5 114.7
 141 41.4 59.8 89.6#



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

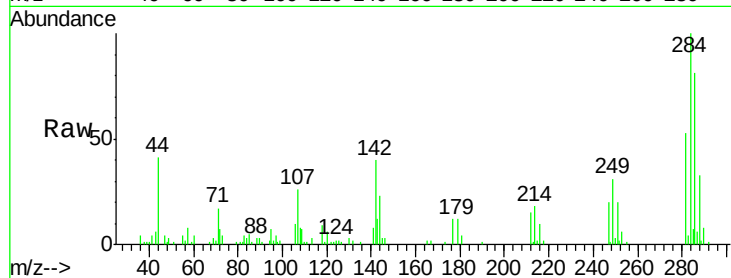




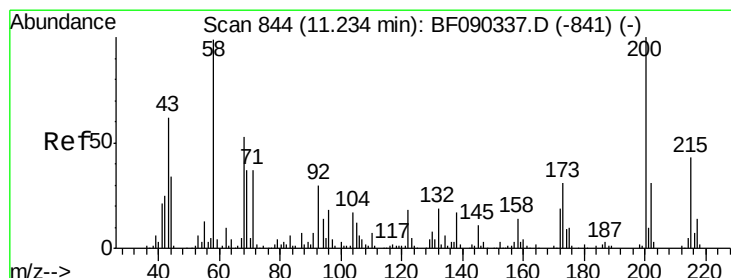
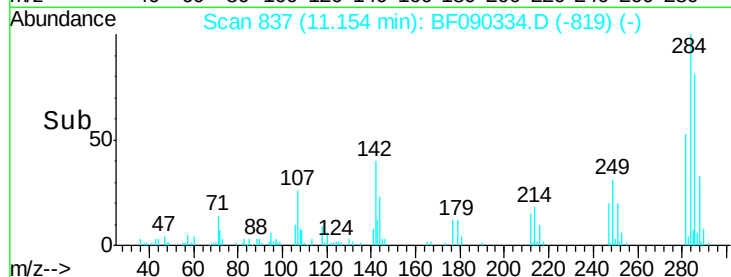
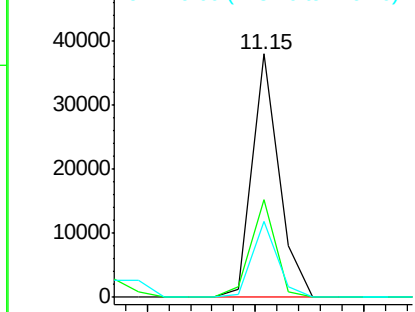
#67
Hexachlorobenzene
Concen: 2.88 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 32516
Ion Ratio Lower Upper
284 100
142 40.3 23.1 34.7#
249 31.2 26.3 39.5

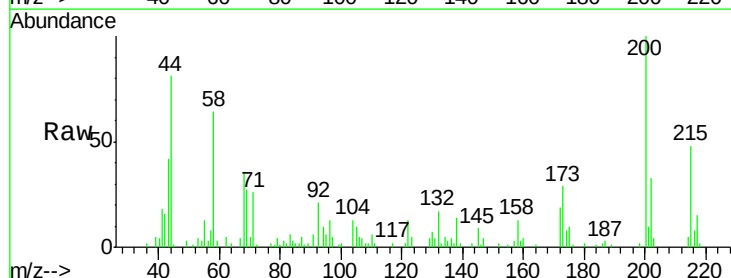


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

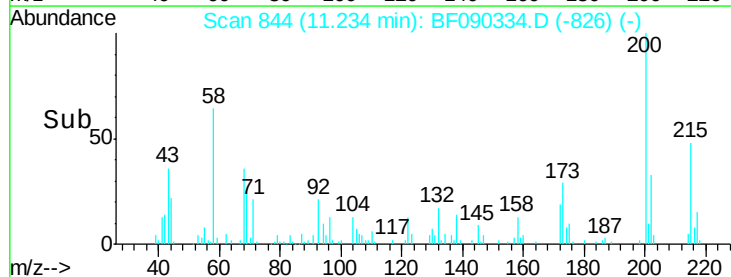
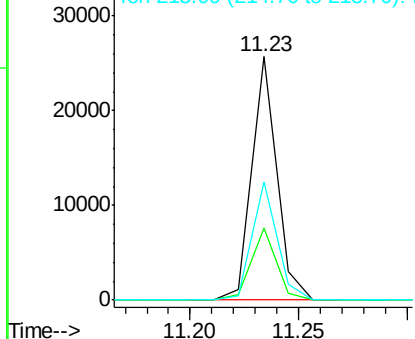


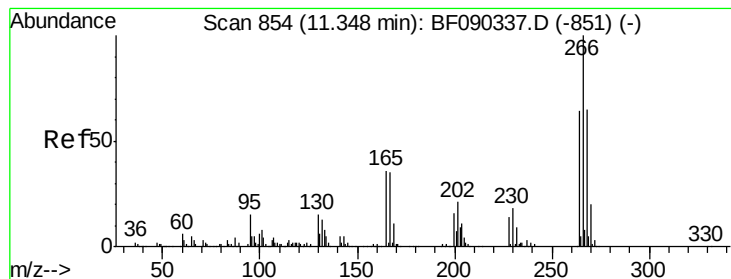
#68
Atrazine
Concen: 2.31 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:200 Resp: 20526
Ion Ratio Lower Upper
200 100
173 29.4 9.0 49.0
215 48.4 24.8 64.8



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: 1.92 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

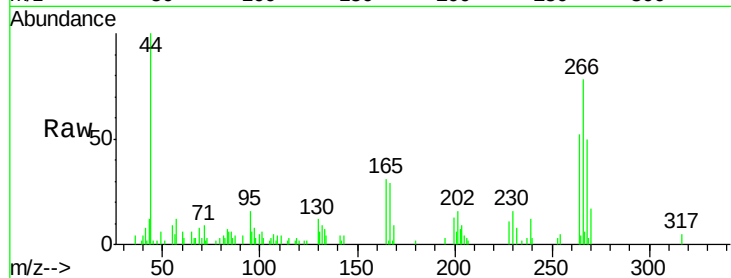
Tot Ion:266 Resp: 12322

Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

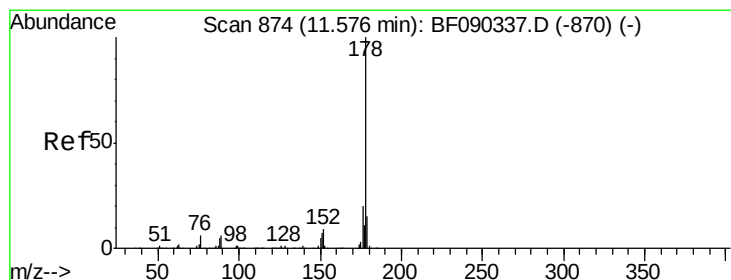
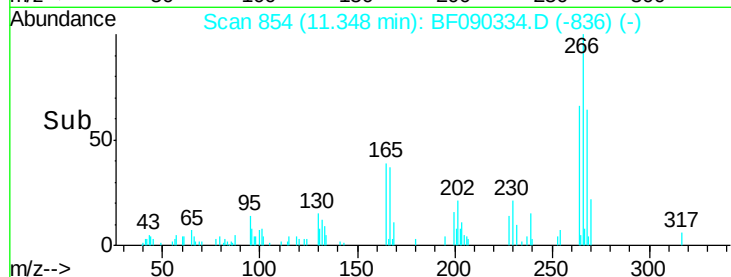
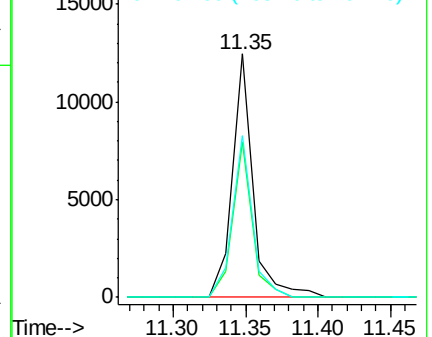
264 66.3 51.5 77.3



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: 3.09 ng

RT: 11.57 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

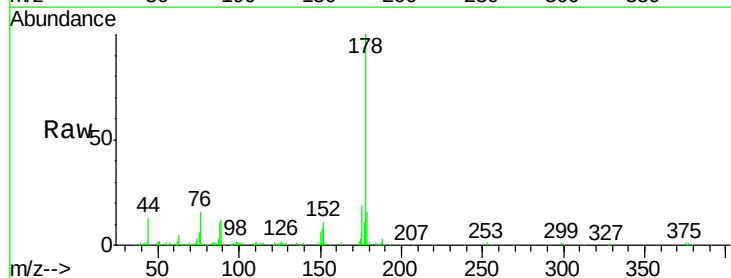
Tgt Ion:178 Resp: 142494

Ion Ratio Lower Upper

178 100

176 19.3 17.3 25.9

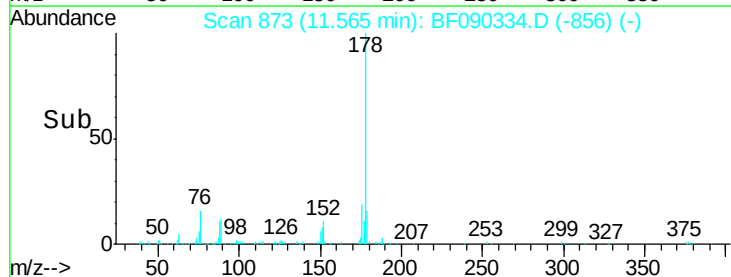
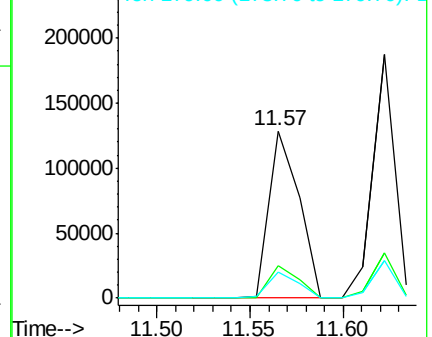
179 15.7 13.8 20.6

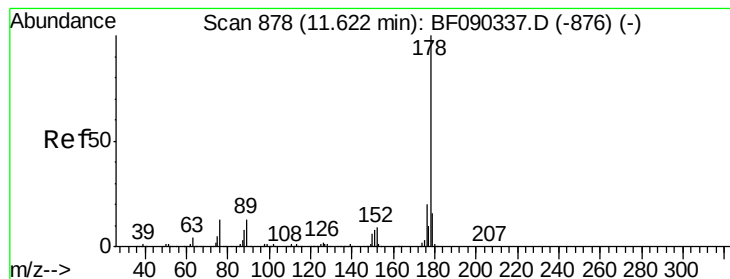


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.15 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

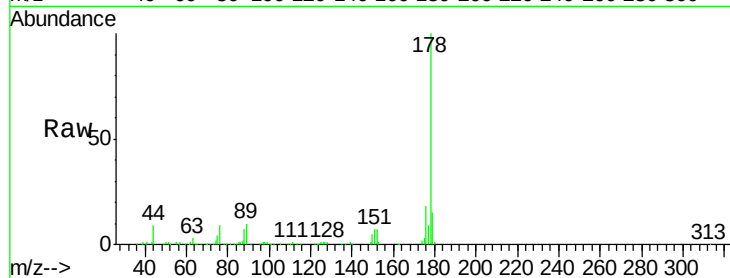
Tot Ion:178 Resp: 152193

Ion Ratio Lower Upper

178 100

176 18.5 16.8 25.2

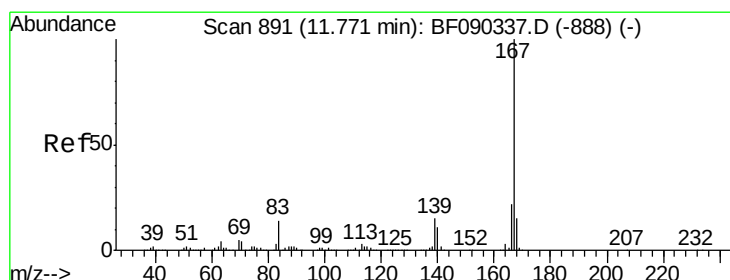
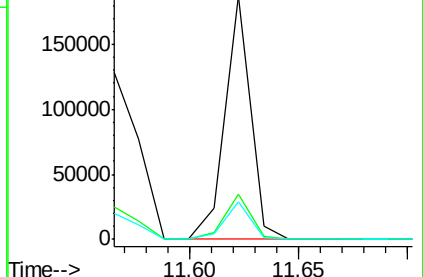
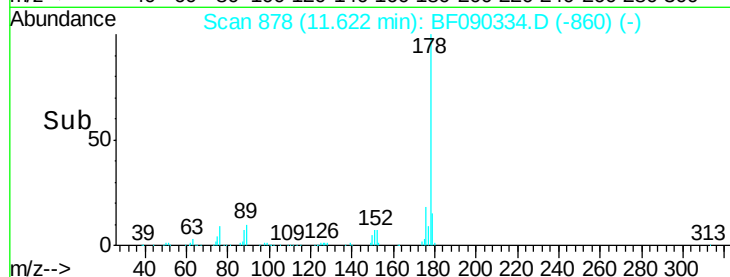
179 15.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.74 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

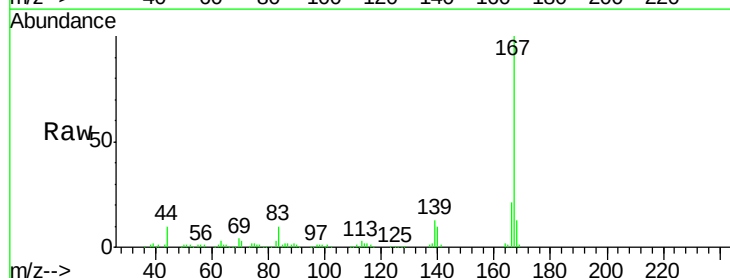
Tgt Ion:167 Resp: 139934

Ion Ratio Lower Upper

167 100

166 21.0 19.1 28.7

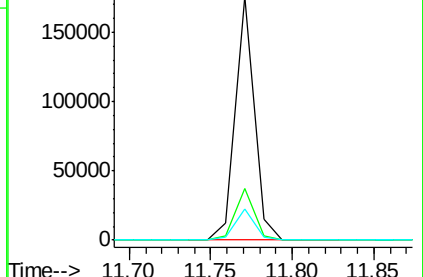
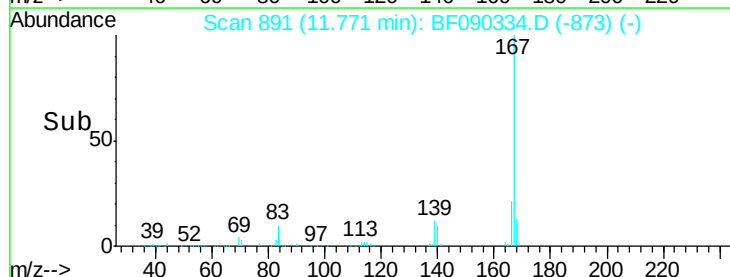
139 13.0 12.1 18.1

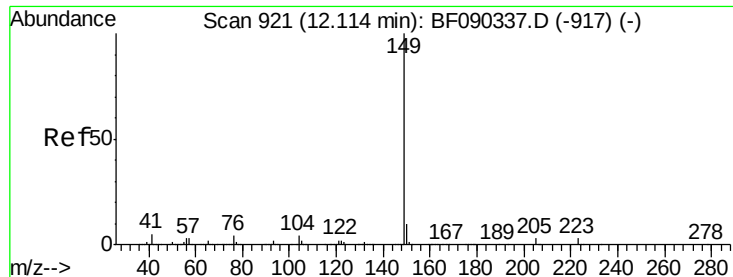


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.68 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

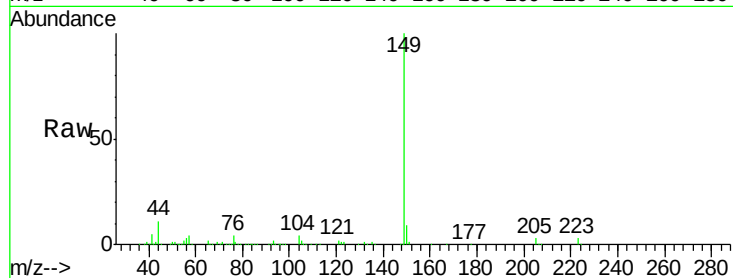
Tot Ion:149 Resp: 159274

Ion Ratio Lower Upper

149 100

150 8.5 8.6 12.8#

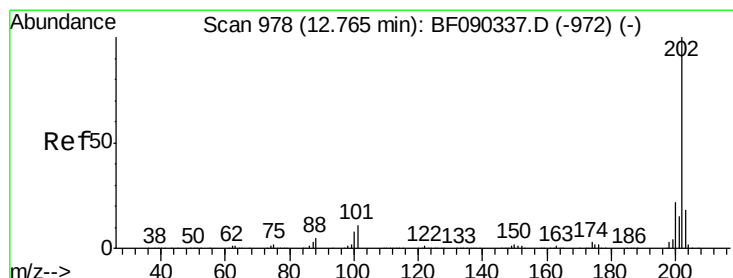
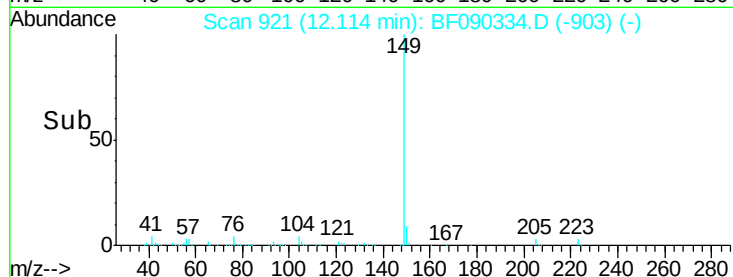
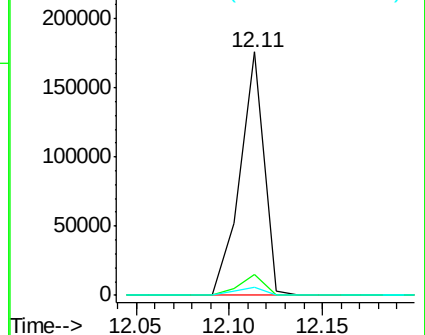
104 3.6 4.7 7.1#



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: 2.88 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

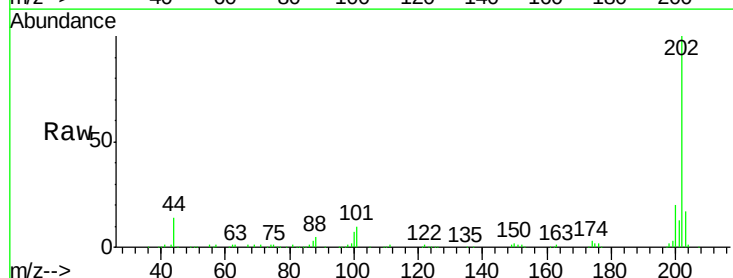
Tgt Ion:202 Resp: 142713

Ion Ratio Lower Upper

202 100

101 9.9 0.0 37.2

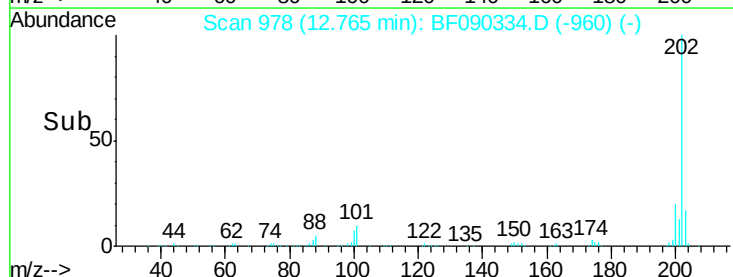
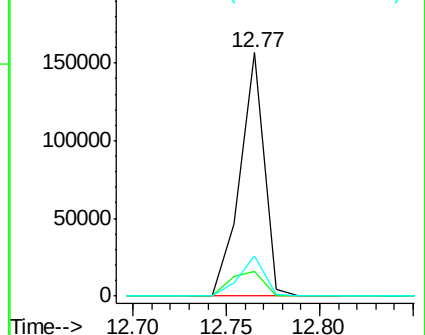
203 16.5 0.0 39.3

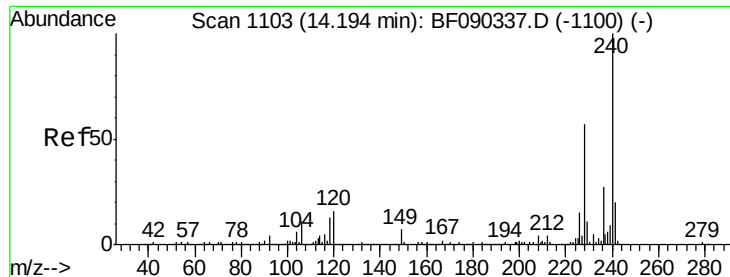


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

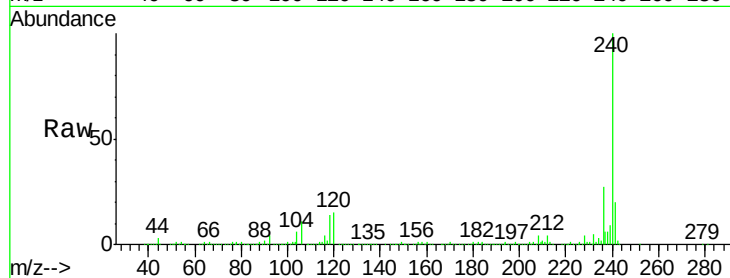
Tot Ion:240 Resp: 861427

Ion Ratio Lower Upper

240 100

120 15.4 8.6 13.0#

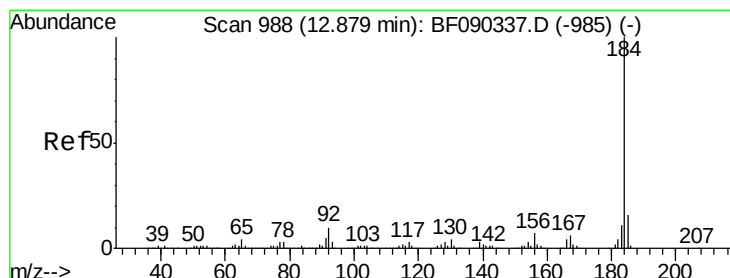
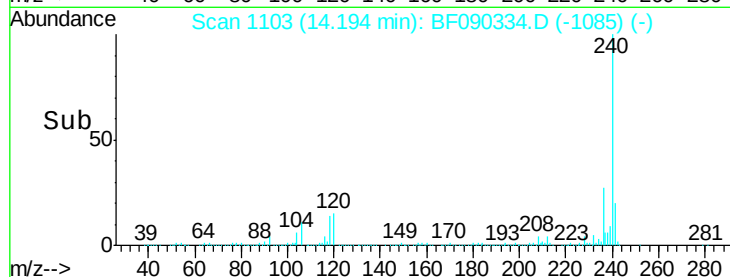
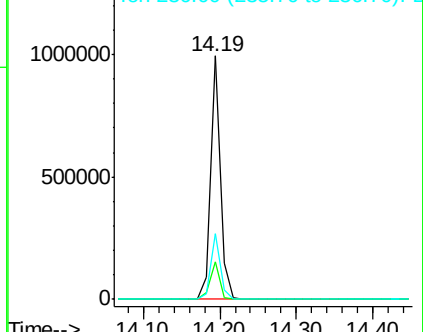
236 27.1 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.20 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

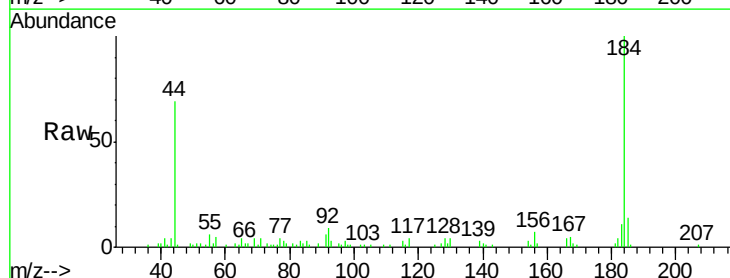
Tgt Ion:184 Resp: 34476

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

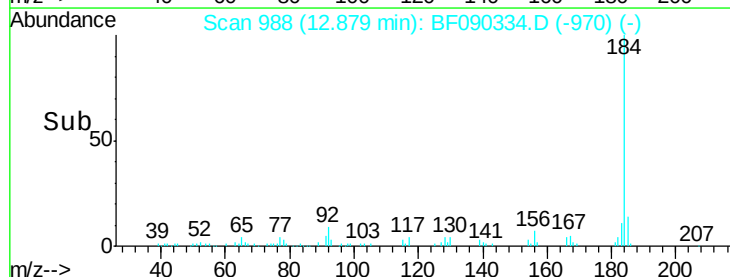
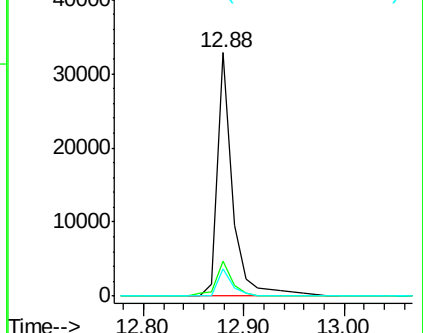
183 11.4 9.6 14.4

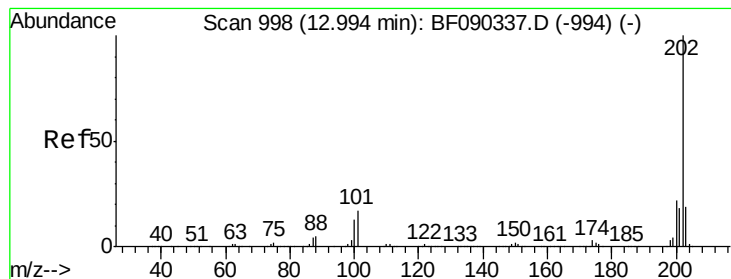


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.57 ng

RT: 12.99 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

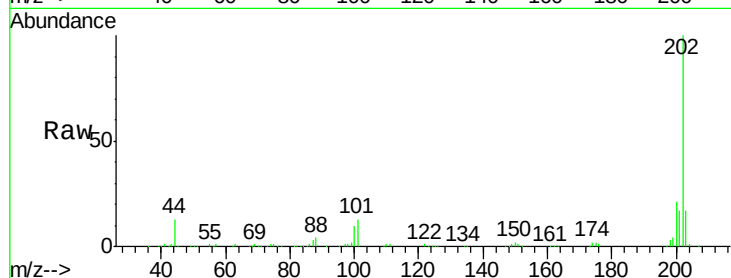
Tot Ion:202 Resp: 151306

Ion Ratio Lower Upper

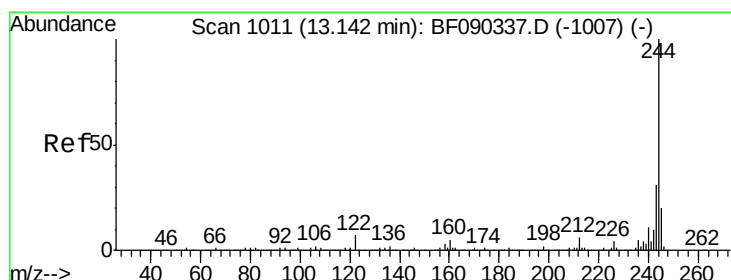
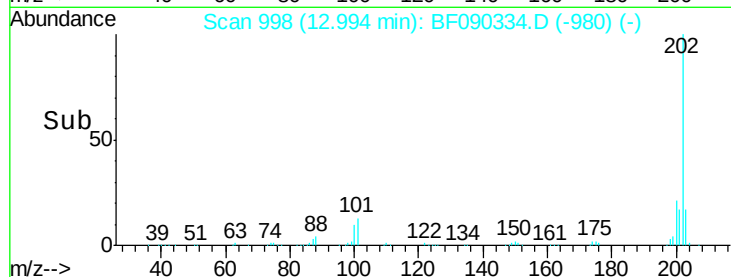
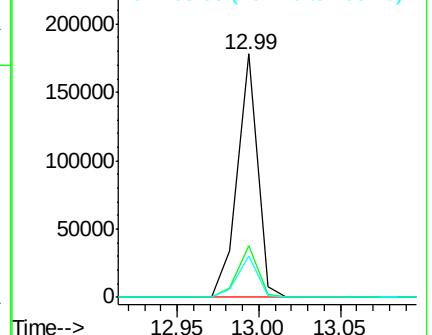
202 100

200 20.9 18.5 27.7

203 17.3 15.0 22.6



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: 5.59 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

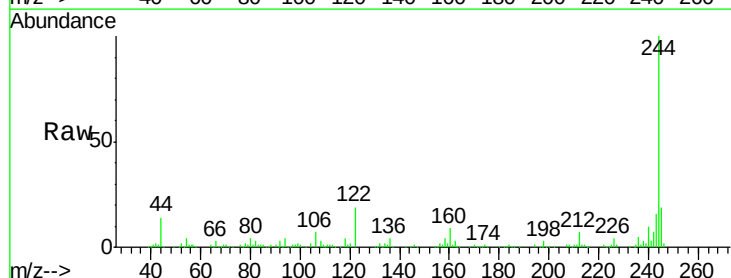
Tgt Ion:244 Resp: 189678

Ion Ratio Lower Upper

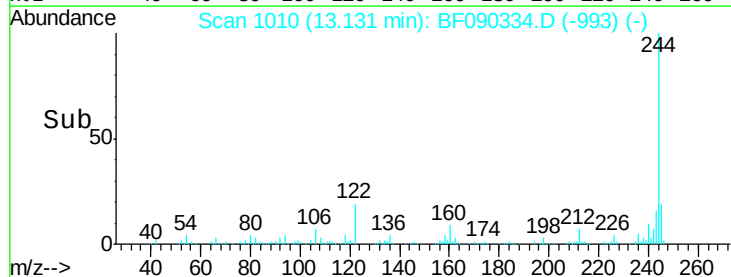
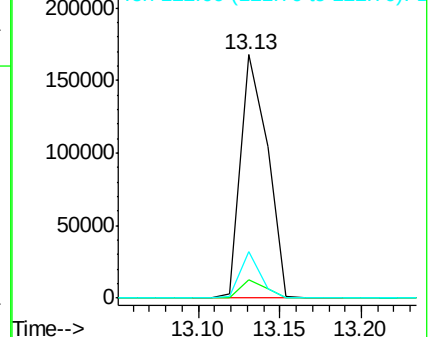
244 100

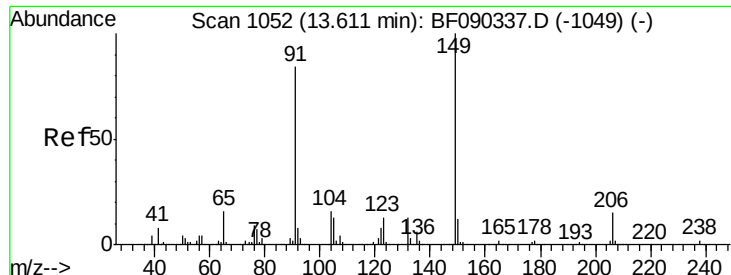
212 7.3 6.8 10.2

122 19.0 13.3 19.9



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

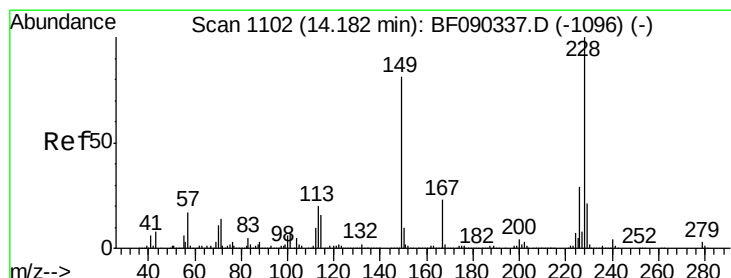
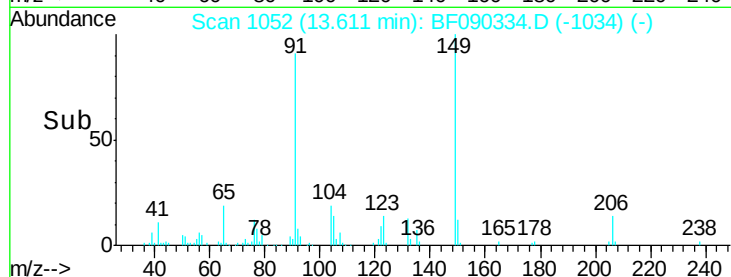
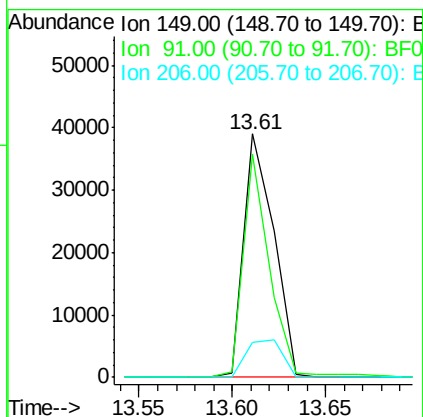
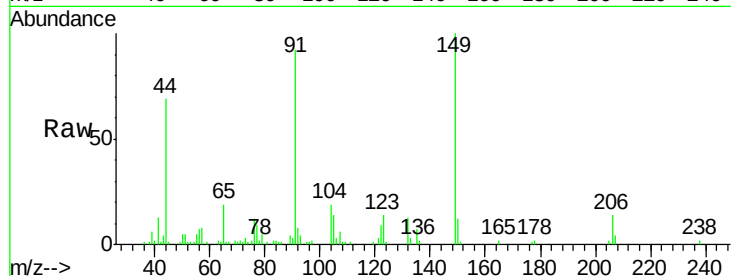




#79
Butylbenzylphthalate
Concen: 1.51 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

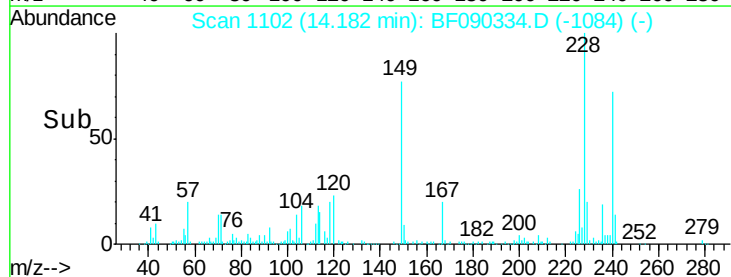
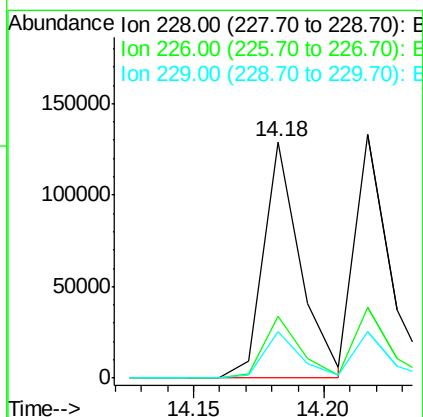
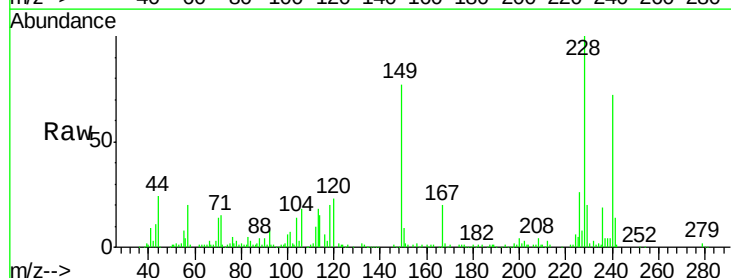
Instrument :
BNA_F
ClientSampled :

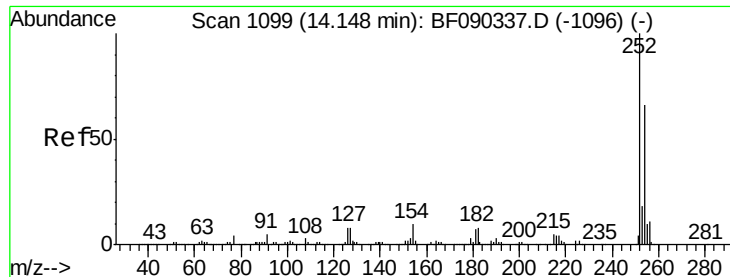
Tot Ion:149 Resp: 43642
Ion Ratio Lower Upper
149 100
91 91.9 51.8 77.8#
206 14.3 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 2.74 ng
RT: 14.18 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion:228 Resp: 127161
Ion Ratio Lower Upper
228 100
226 26.0 23.6 35.4
229 19.8 16.6 25.0

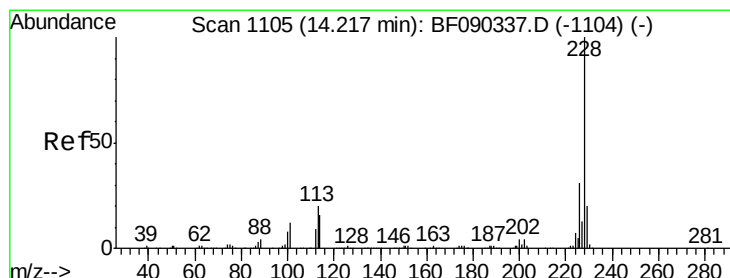
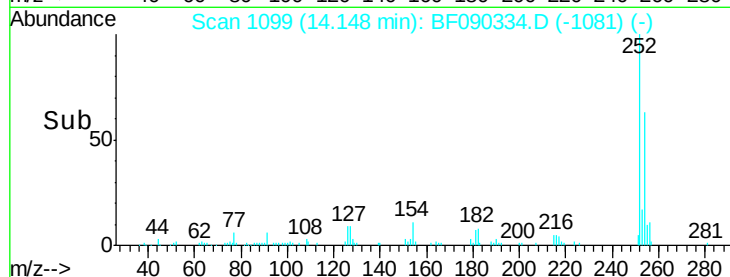
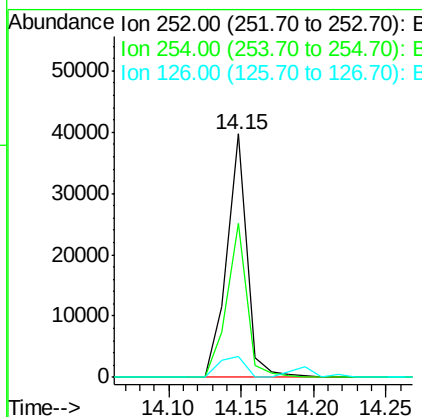
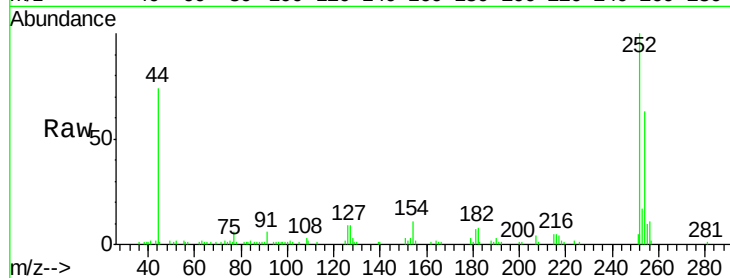




#81
 3,3'-Dichlorobenzidine
 Concen: 2.01 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

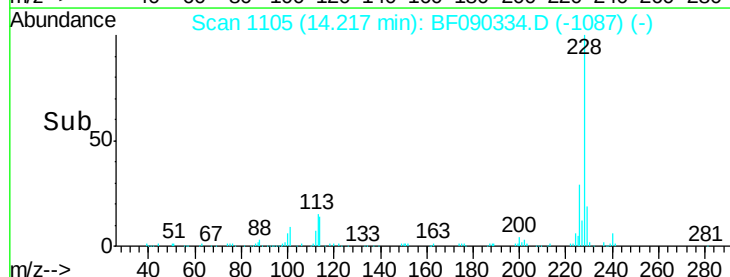
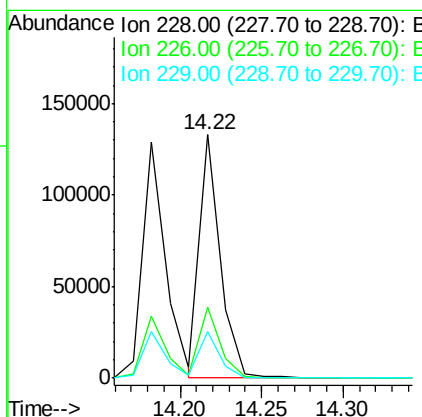
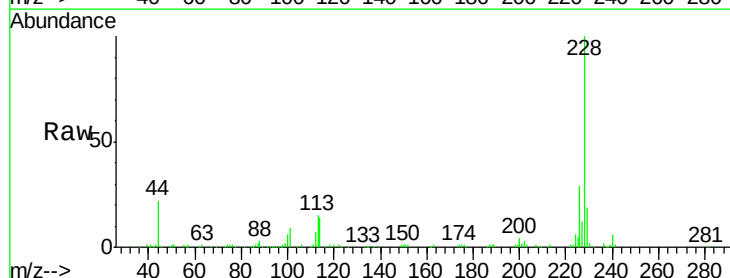
Instrument :
 BNA_F
 ClientSampled :

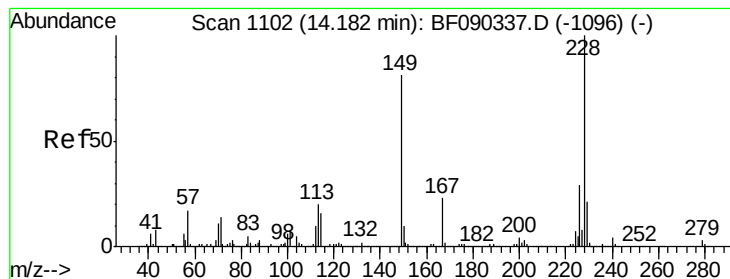
Tot Ion:252 Resp: 38452
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.1 78.1
 126 8.6 4.2 6.4#



#82
 Chrysene
 Concen: 2.65 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Tgt Ion:228 Resp: 119491
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.8 38.6
 229 19.2 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.29 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

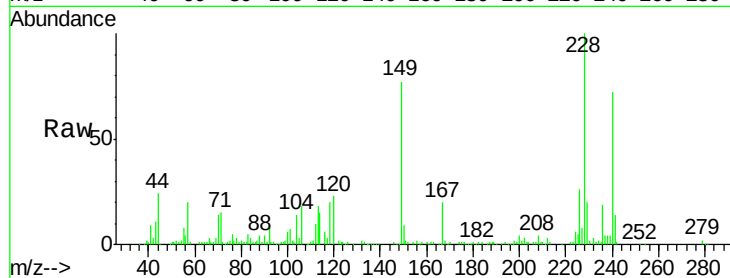
Tot Ion:149 Resp: 84616

Ion Ratio Lower Upper

149 100

167 25.9 21.5 32.3

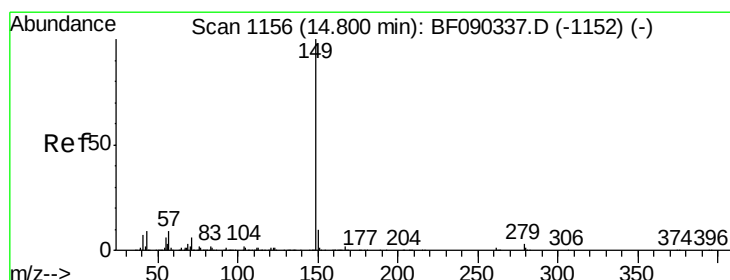
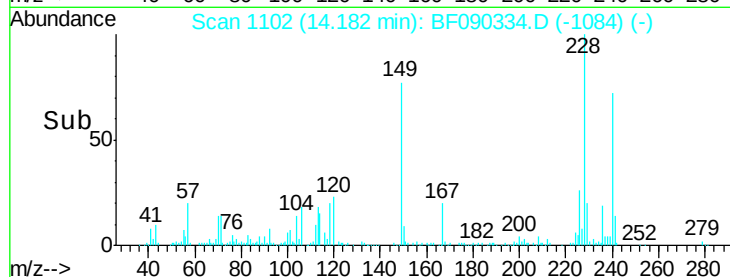
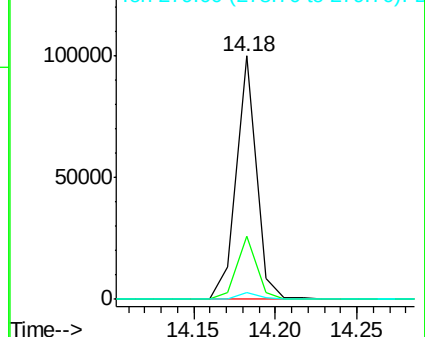
279 2.8 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 1.52 ng

RT: 14.80 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

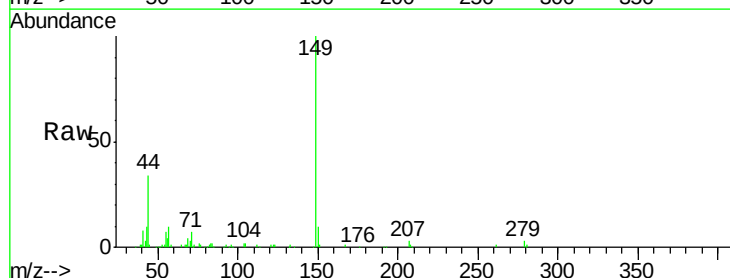
Tgt Ion:149 Resp: 96624

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

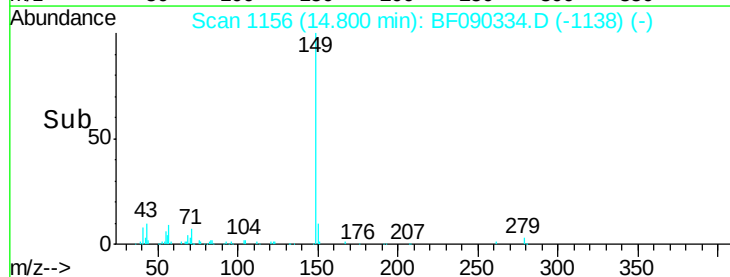
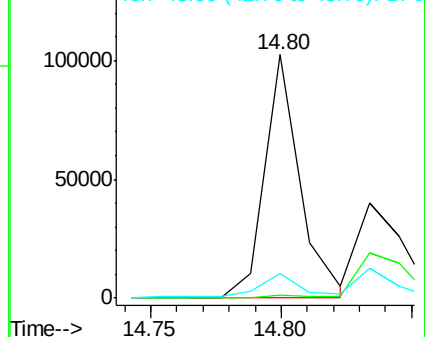
43 11.3 11.8 17.8#

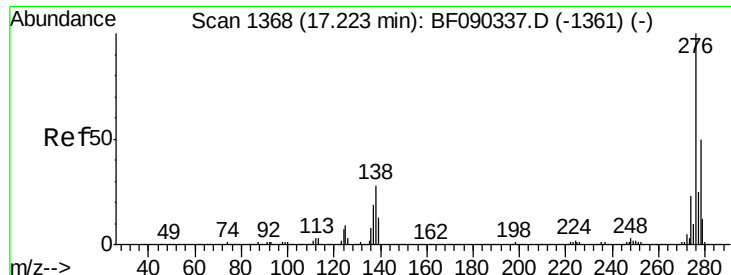


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.57 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampled :

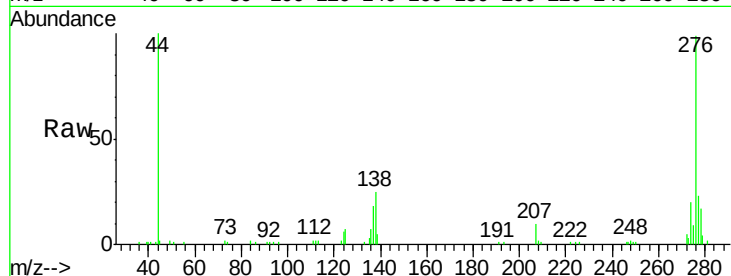
Tot Ion:276 Resp: 93632

Ion Ratio Lower Upper

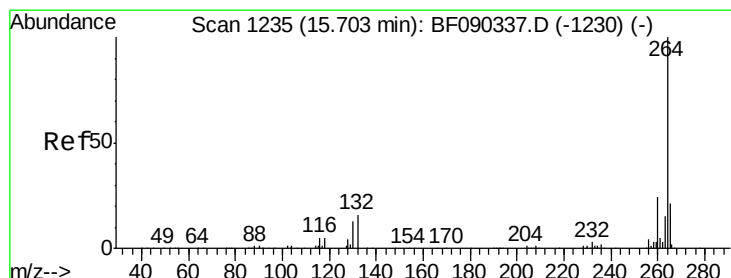
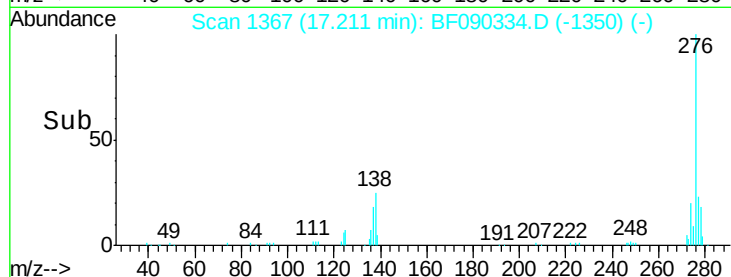
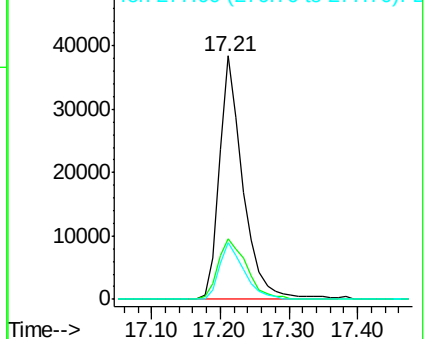
276 100

138 29.9 23.8 35.8

277 24.0 20.4 30.6



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

Perylene-d12

Concen: 20.00 ng

RT: 15.70 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

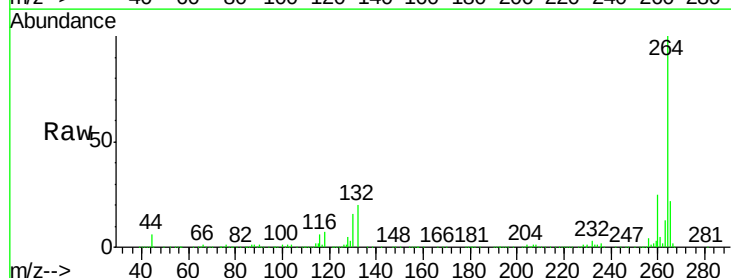
Tgt Ion:264 Resp: 726123

Ion Ratio Lower Upper

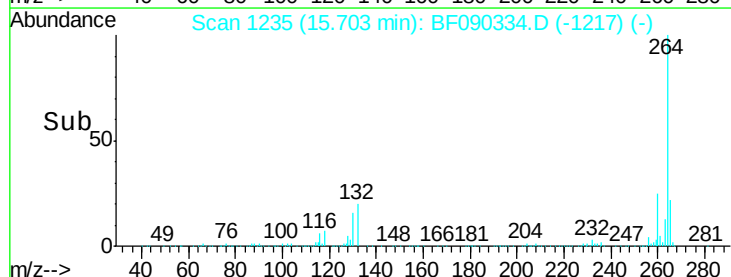
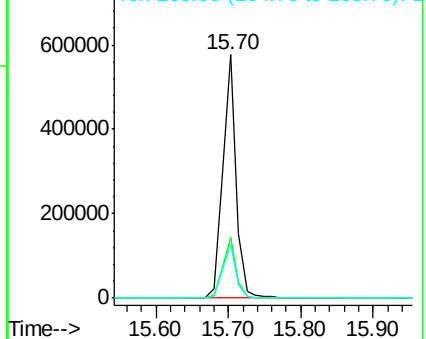
264 100

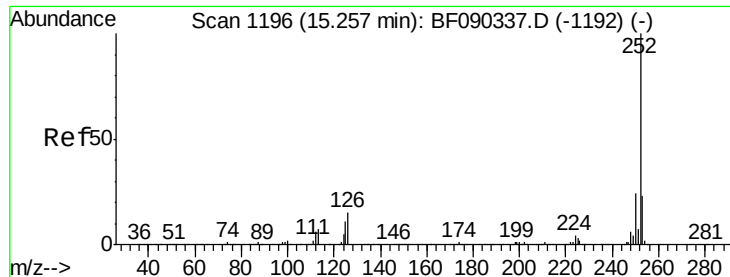
260 25.0 19.3 28.9

265 22.0 17.4 26.0



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

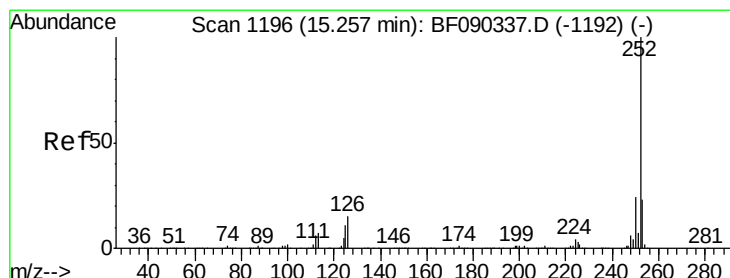
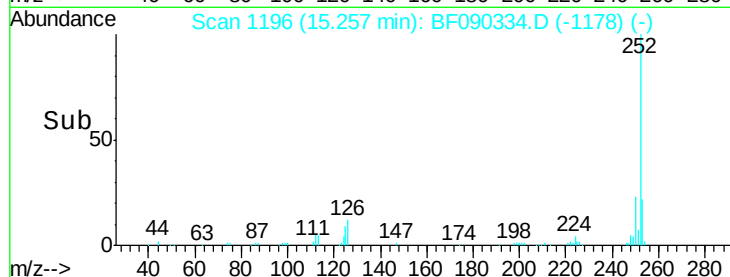
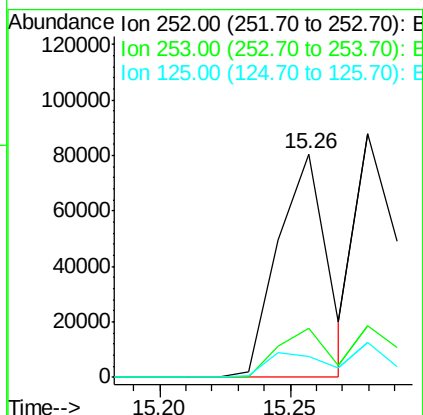
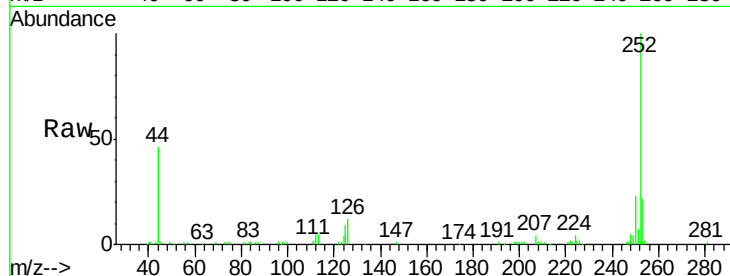




#87
Benzo(b)fluoranthene
Concen: 2.59 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

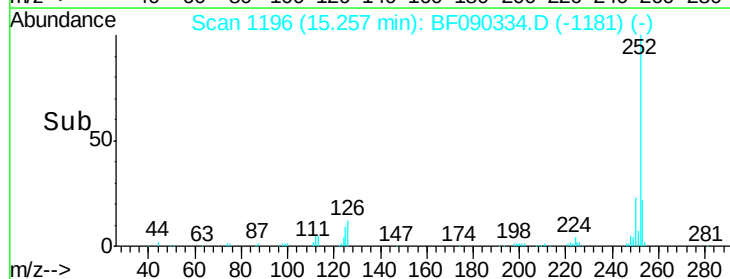
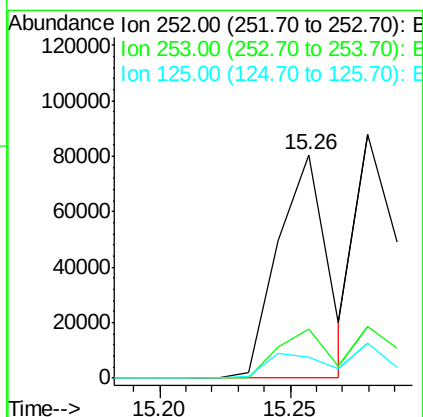
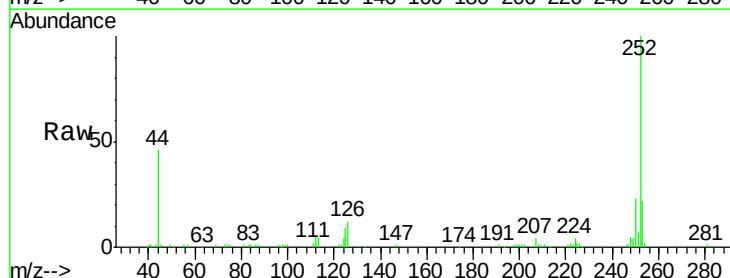
Instrument :
BNA_F
ClientSampled :

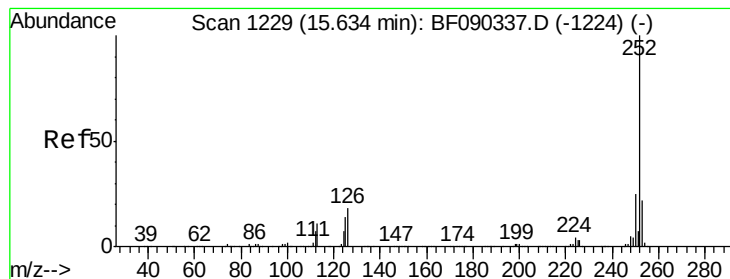
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.2	7.0	10.4



#88
Benzo(k)fluoranthene
Concen: 2.76 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BF090334.D
Acq: 4 Oct 2016 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	9.2	11.7	17.5#





#89

Benzo(a)pyrene

Concen: 2.37 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

Instrument :

BNA_F

ClientSampleId :

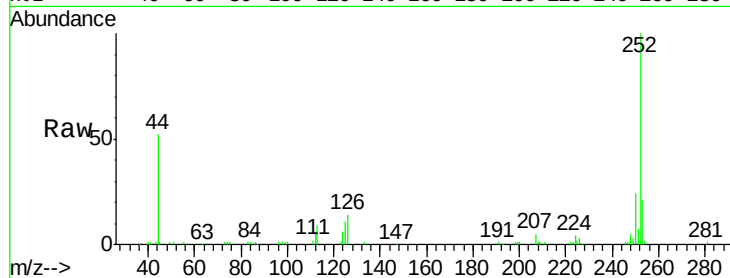
Tot Ion:252 Resp: 89821

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

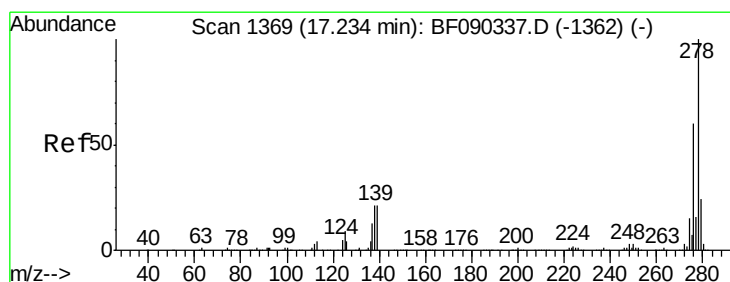
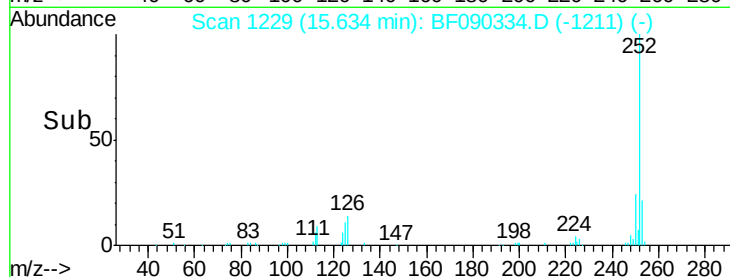
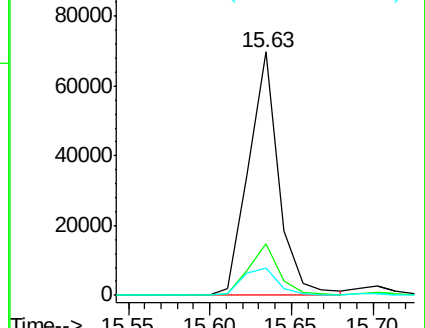
125 11.2 9.8 14.8



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



#90

Dibenzo(a,h)anthracene

Concen: 2.64 ng

RT: 17.23 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF090334.D

Acq: 4 Oct 2016 10:38

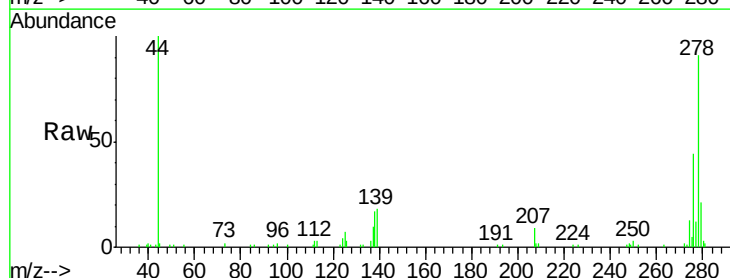
Tgt Ion:278 Resp: 78031

Ion Ratio Lower Upper

278 100

139 19.7 12.8 19.2#

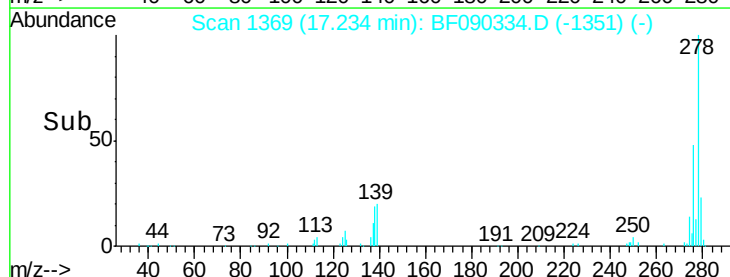
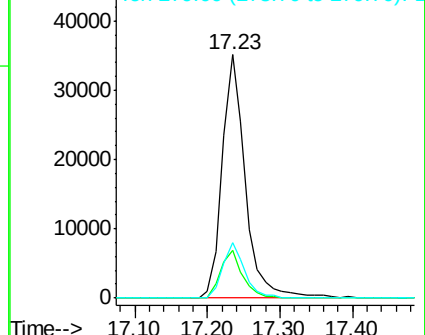
279 22.7 19.6 29.4

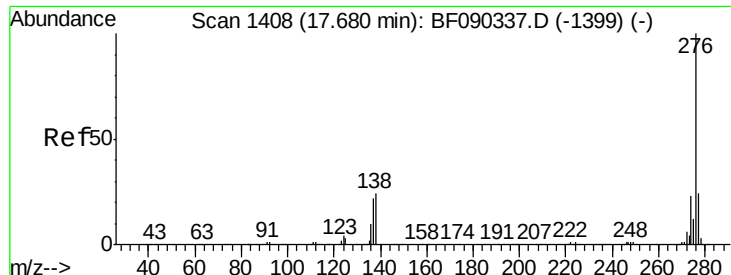


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

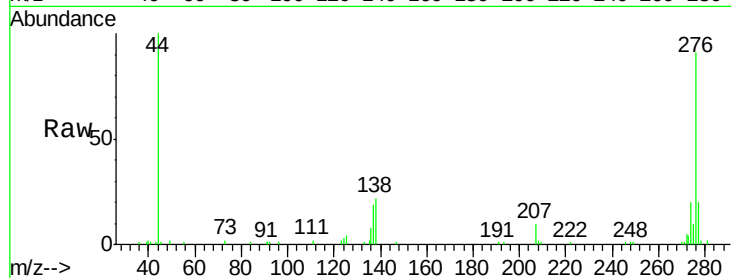




#91
 Benzo(a,h,i)perylene
 Concen: 2.62 ng
 RT: 17.67 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF090334.D
 Acq: 4 Oct 2016 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.4	29.0
138	24.3	20.8	31.2



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

