

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090351.D
 Acq On : 4 Oct 2016 19:34
 Operator : UM/SJ
 Sample : PB93723BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Quant Time: Oct 05 01:13:33 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 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	261937	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1047071	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	462733	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	672077	20.00	ng	0.00
75) Chrysene-d12	14.19	240	478841	20.00	ng	0.00
86) Perylene-d12	15.70	264	432613	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	2131494	128.35	ng	0.02
7) Phenol-d6	6.63	99	2658465	128.06	ng	0.00
23) Nitrobenzene-d5	7.57	82	1645455	91.60	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	527769	131.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2551699	89.91	ng	0.00
78) Terphenyl-d14	13.14	244	1998683	97.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	301997	37.26	ng	# 92
3) Pyridine	3.56	79	890869	41.46	ng	# 85
4) n-Nitrosodimethylamine	3.51	42	395745	50.84	ng	# 61
6) Aniline	6.67	93	770411	27.01	ng	99
8) 2-Chlorophenol	6.79	128	799349	42.84	ng	99
9) Benzaldehyde	6.55	77	90523	9.39	ng	98
10) Phenol	6.65	94	1198767	47.48	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	756818	42.21	ng	85
12) 1,3-Dichlorobenzene	6.95	146	807855	41.68	ng	99
13) 1,4-Dichlorobenzene	7.02	146	767057	38.98	ng	96
14) 1,2-Dichlorobenzene	7.18	146	827127	44.21	ng	98
15) Benzyl Alcohol	7.15	79	761990	52.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1265802	46.19	ng	95
17) 2-Methylphenol	7.25	107	607099	42.00	ng	98
18) Hexachloroethane	7.53	117	304521	42.76	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	681421	51.40	ng	# 83
20) 3+4-Methylphenols	7.41	107	851275	46.32	ng	# 82
22) Acetophenone	7.41	105	968623	39.95	ng	# 94
24) Nitrobenzene	7.59	77	920263	47.98	ng	# 89
25) Isophorone	7.83	82	1596051	46.70	ng	97
26) 2-Nitrophenol	7.91	139	340081	45.95	ng	93
27) 2,4-Dimethylphenol	7.94	122	665861	39.88	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	916456	43.19	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	533520	39.03	ng	97
30) 1,2,4-Trichlorobenzene	8.23	180	600410	39.22	ng	99
31) Naphthalene	8.31	128	2066412	41.29	ng	98
32) Benzoic acid	8.04	122	329712	32.61	ng	96
33) 4-Chloroaniline	8.37	127	115926	5.80	ng	# 91
34) Hexachlorobutadiene	8.44	225	336997	37.40	ng	99
35) Caprolactam	8.71	113	161558	45.19	ng	96
36) 4-Chloro-3-methylphenol	8.84	107	601185	40.96	ng	99
37) 2-Methylnaphthalene	9.01	142	1351230	43.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	532839	40.79	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	720361	82.09	ng	99

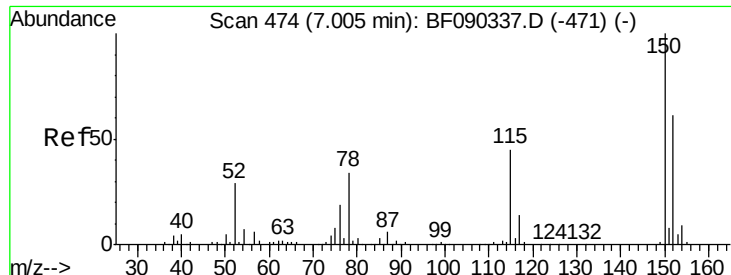
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	376125	45.78	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	331496	40.10	ng	# 87
45) 1,1'-Biphenyl	9.48	154	1445465	40.35	ng	95
46) 2-Chloronaphthalene	9.50	162	1265467	47.06	ng	97
47) 2-Nitroaniline	9.59	65	416471	56.74	ng	85
48) Acenaphthylene	9.91	152	1717842	42.23	ng	98
49) Dimethylphthalate	9.78	163	1304534	47.62	ng	98
50) 2,6-Dinitrotoluene	9.83	165	293241	48.94	ng	# 79
51) Acenaphthene	10.09	154	1197731	48.38	ng	98
52) 3-Nitroaniline	9.99	138	156734	23.09	ng	82
53) 2,4-Dinitrophenol	10.11	184	239685	104.56	ng	88
54) Dibenzofuran	10.27	168	1574688	48.11	ng	98
55) 4-Nitrophenol	10.15	139	513581	95.03	ng	87
56) 2,4-Dinitrotoluene	10.23	165	332405	46.09	ng	# 34
57) Fluorene	10.61	166	1278251	46.69	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	291270	49.96	ng	96
59) Diethylphthalate	10.47	149	1176705	42.03	ng	# 91
60) 4-Chlorophenyl-phenylether	10.60	204	610753	47.04	ng	97
61) 4-Nitroaniline	10.61	138	256598	42.03	ng	93
62) Azobenzene	10.76	77	1684656	57.73	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	147650	48.37	ng	# 51
65) n-Nitrosodiphenylamine	10.71	169	1008798	44.02	ng	99
66) 4-Bromophenyl-phenylether	11.09	248	337602	46.48	ng	98
67) Hexachlorobenzene	11.16	284	355500	41.65	ng	93
68) Atrazine	11.24	200	271081	49.41	ng	99
69) Pentachlorophenol	11.34	266	350334	73.22	ng	100
70) Phenanthrene	11.57	178	1625881	45.09	ng	98
71) Anthracene	11.63	178	1583866	44.01	ng	96
72) Carbazole	11.78	167	1459233	44.10	ng	96
73) Di-n-butylphthalate	12.11	149	1725385	43.64	ng	98
74) Fluoranthene	12.76	202	1404997	41.08	ng	98
76) Benzidine	12.88	184	411379	31.24	ng	98
77) Pyrene	12.99	202	1343491	43.82	ng	99
79) Butylbenzylphthalate	13.62	149	683159	56.54	ng	93
80) Benzo(a)anthracene	14.19	228	1274959	47.48	ng	97
81) 3,3'-Dichlorobenzidine	14.14	252	284182	30.72	ng	# 97
82) Chrysene	14.22	228	1208907	48.05	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1032254	53.40	ng	99
84) Di-n-octyl phthalate	14.80	149	1556429	55.42	ng	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1260164	46.60	ng	95
87) Benzo(b)fluoranthene	15.25	252	1312174	52.74	ng	# 94
88) Benzo(k)fluoranthene	15.25	252	1312174	55.22	ng	98
89) Benzo(a)pyrene	15.64	252	1097337	48.36	ng	98
90) Dibenzo(a,h)anthracene	17.24	278	1080800	48.57	ng	# 94
91) Benzo(g,h,i)perylene	17.68	276	1064154	48.83	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090351.D

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BNA_F

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PB93723BS

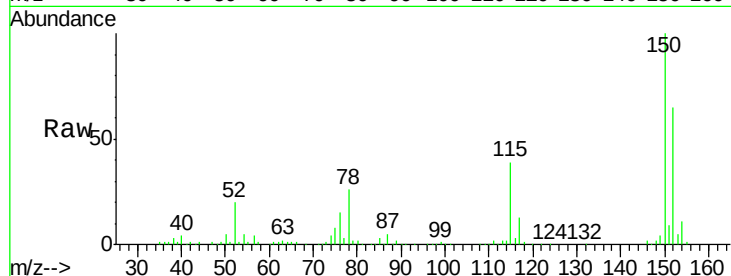
Tgt Ion:152 Resp: 261937

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

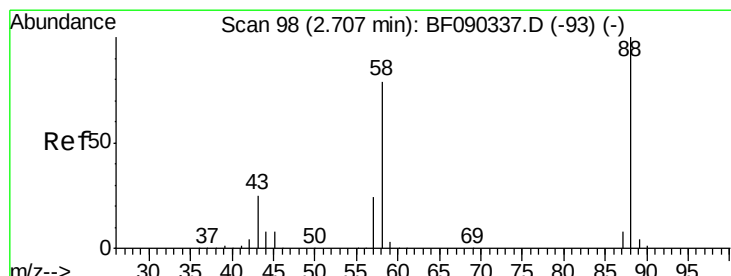
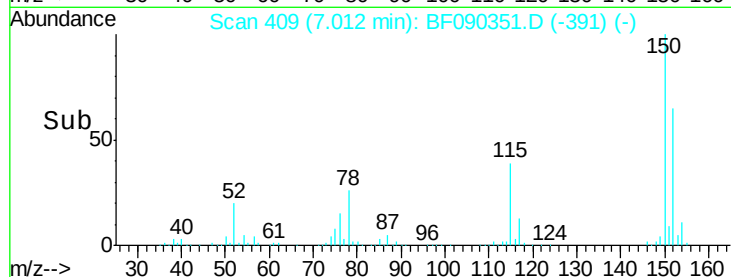
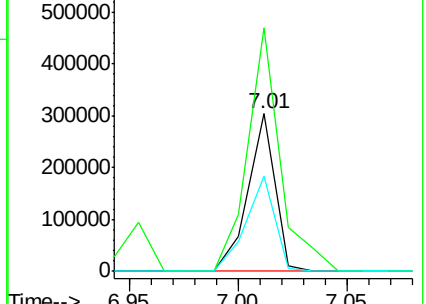
115 60.7 46.2 69.4



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: 37.26 ng

RT: 2.79 min Scan# 40

Delta R.T. 0.09 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

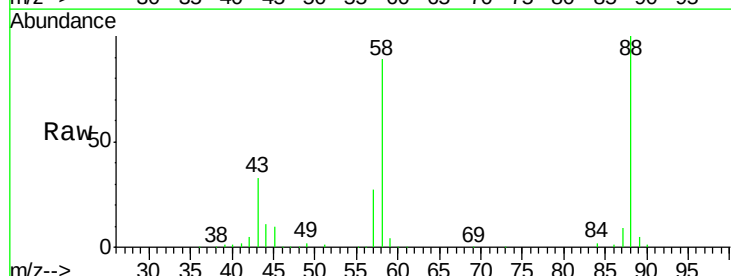
Tgt Ion: 88 Resp: 301997

Ion Ratio Lower Upper

88 100

58 84.0 71.2 106.8

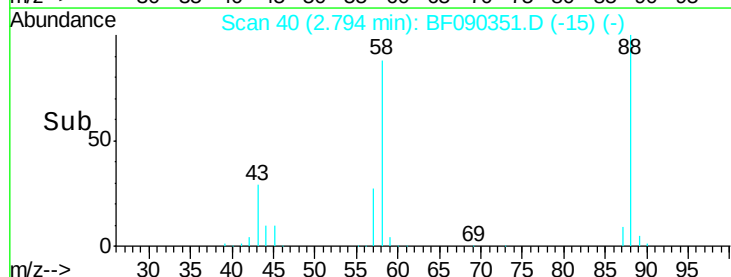
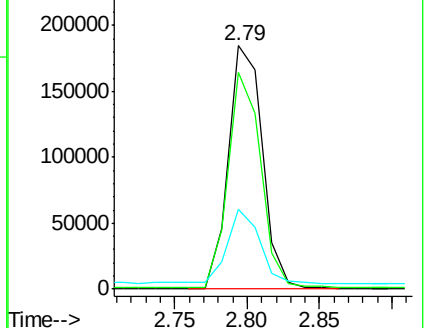
43 29.4 29.8 44.6#

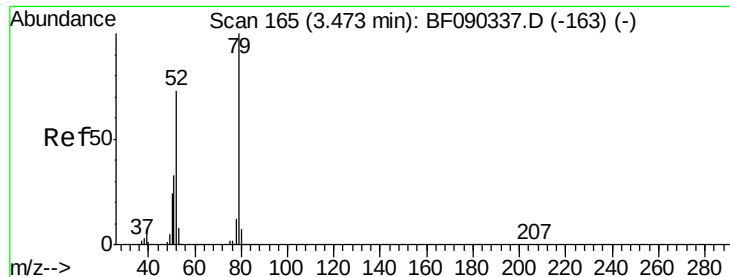


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.46 ng

RT: 3.56 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

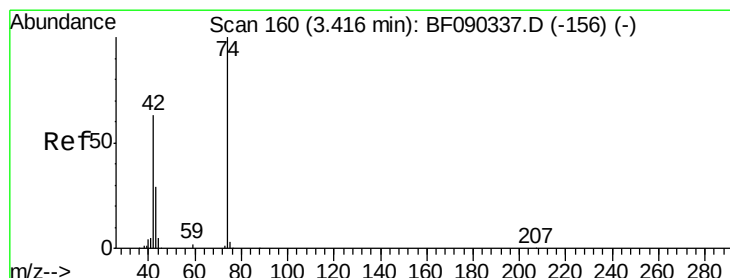
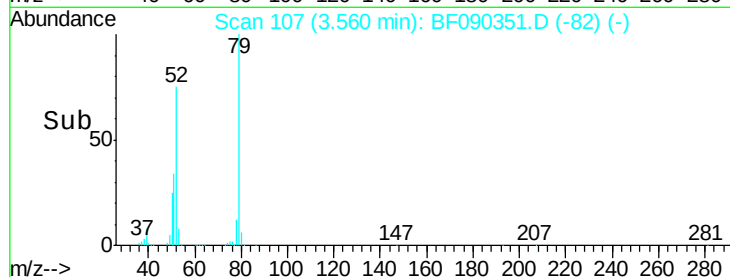
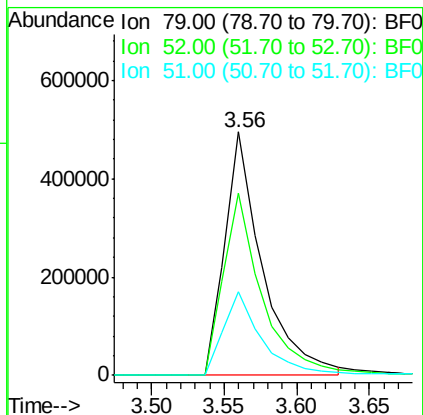
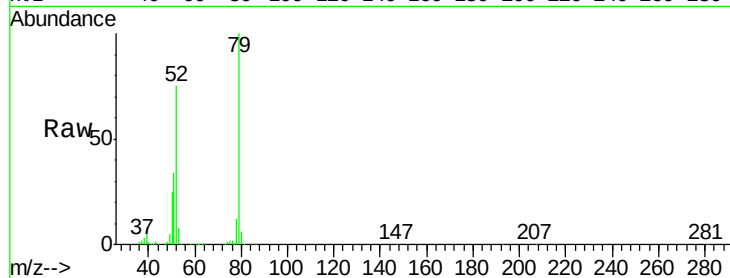
Tgt Ion: 79 Resp: 890869

Ion Ratio Lower Upper

79 100

52 75.0 71.3 106.9

51 34.2 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 50.84 ng

RT: 3.51 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

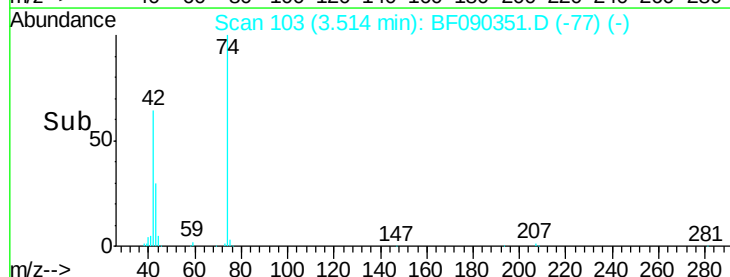
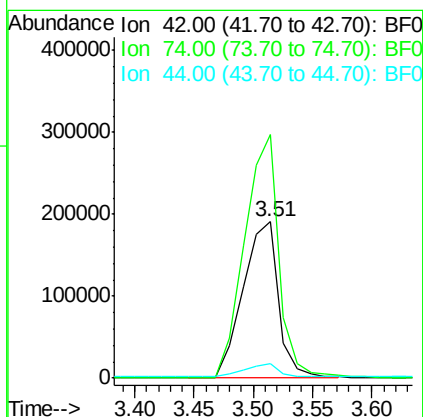
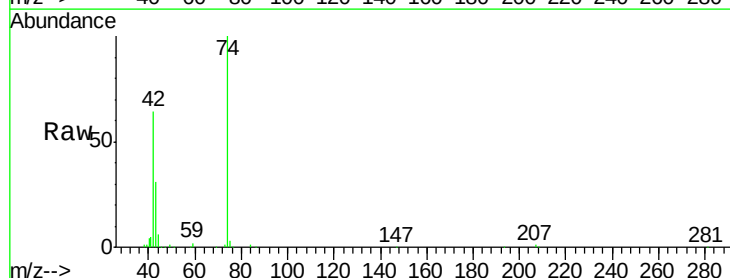
Tgt Ion: 42 Resp: 395745

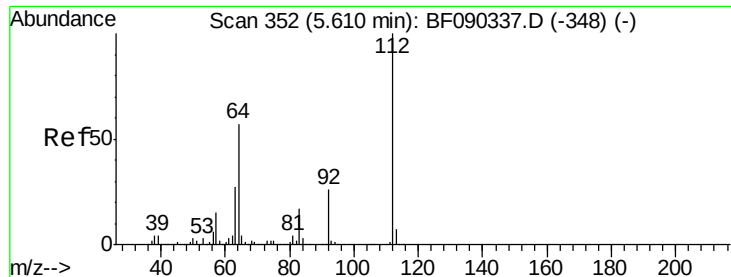
Ion Ratio Lower Upper

42 100

74 155.8 88.9 133.3#

44 9.0 6.5 9.7





#5

2-Fluorophenol

Concen: 128.35 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

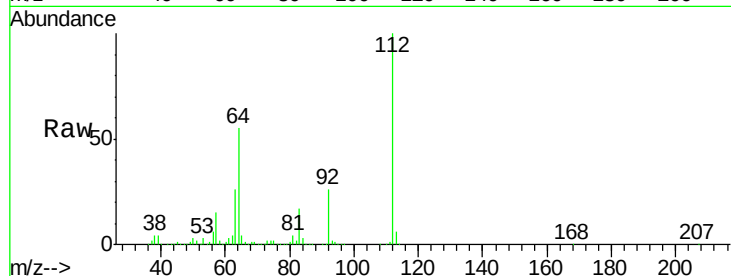
Tgt Ion: 112 Resp: 2131494

Ion Ratio Lower Upper

112 100

64 55.5 57.9 86.9#

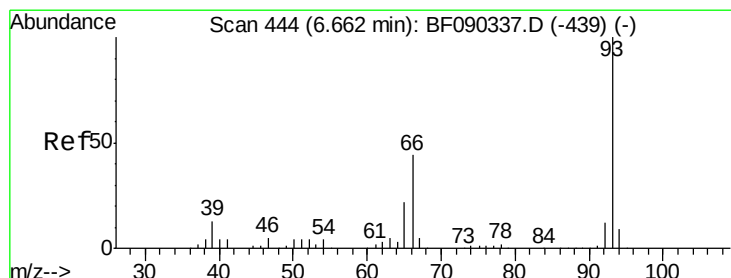
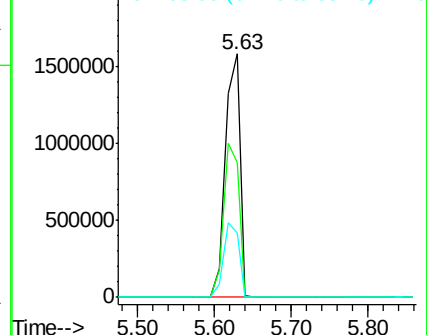
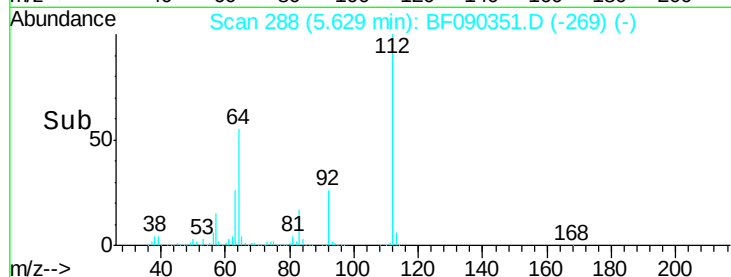
63 26.3 29.6 44.4#



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: 27.01 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

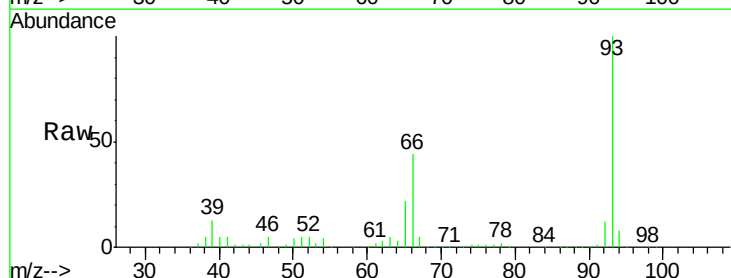
Tgt Ion: 93 Resp: 770411

Ion Ratio Lower Upper

93 100

66 44.1 34.5 51.7

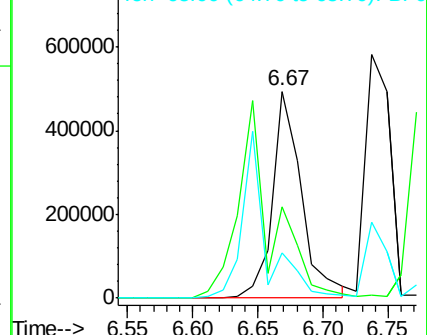
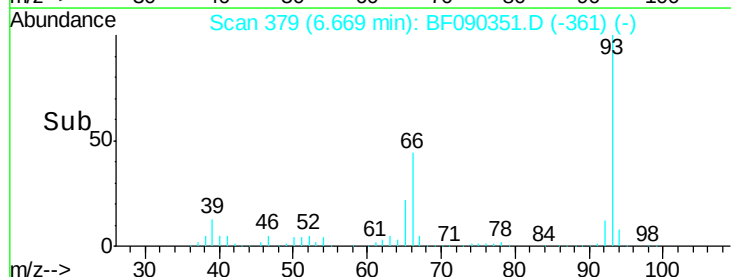
65 22.2 18.2 27.2

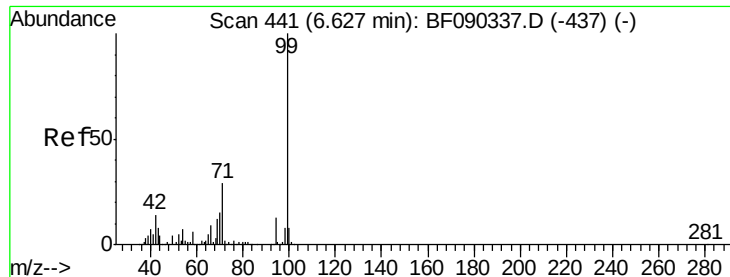


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.06 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampled :

PB93723BS

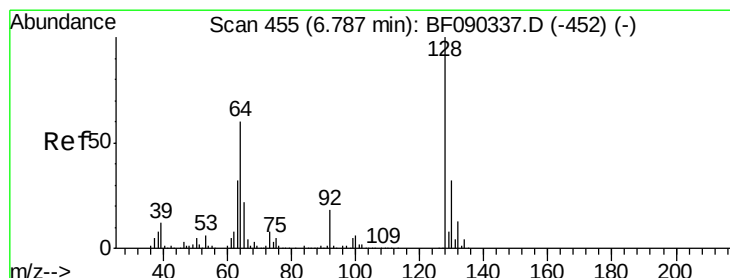
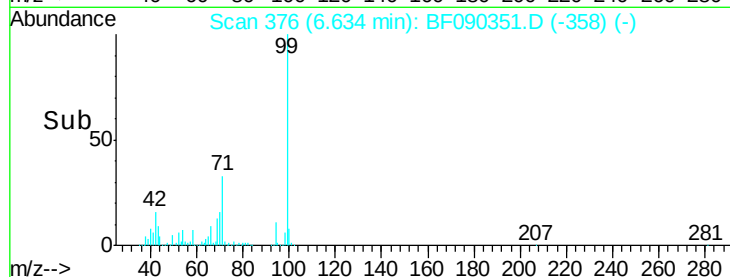
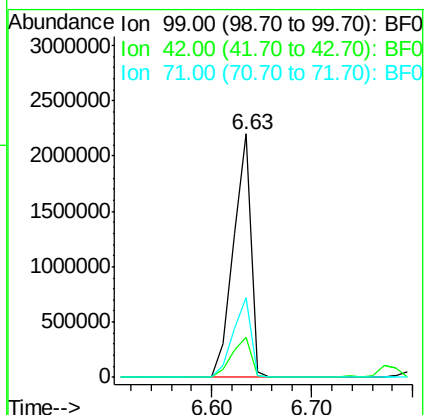
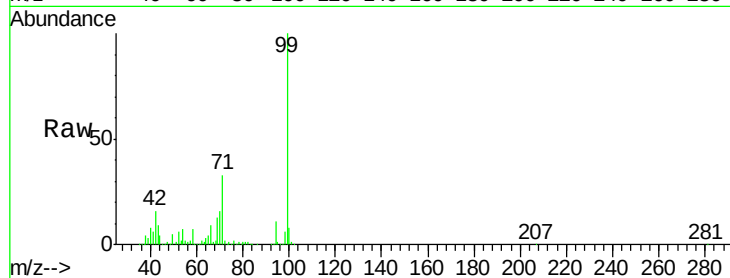
Tgt Ion: 99 Resp: 2658465

Ion Ratio Lower Upper

99 100

42 16.4 20.0 30.0#

71 32.5 27.9 41.9



#8

2-Chlorophenol

Concen: 42.84 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

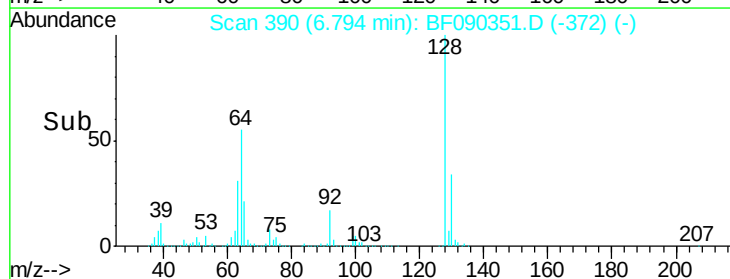
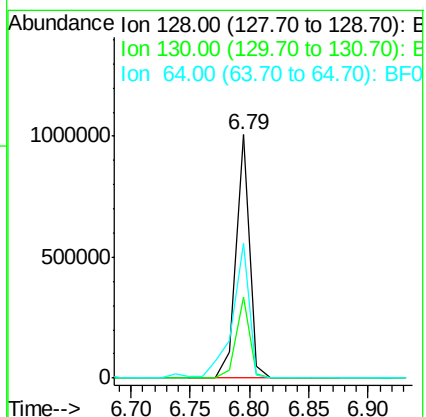
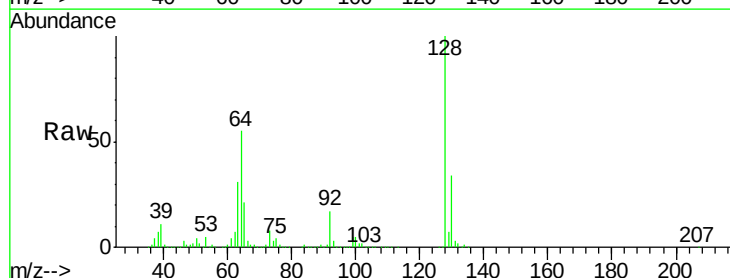
Tgt Ion: 128 Resp: 799349

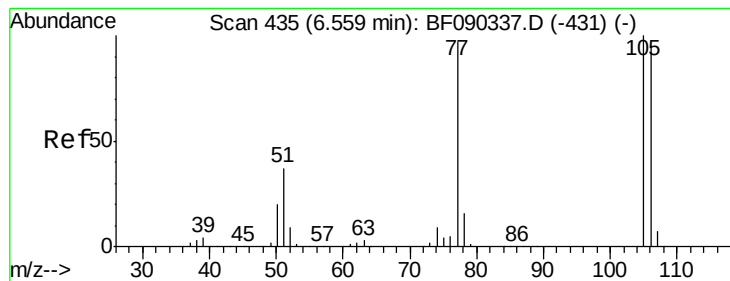
Ion Ratio Lower Upper

128 100

130 33.5 13.3 53.3

64 55.2 36.0 76.0





#9

Benzaldehyde

Concen: 9.39 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

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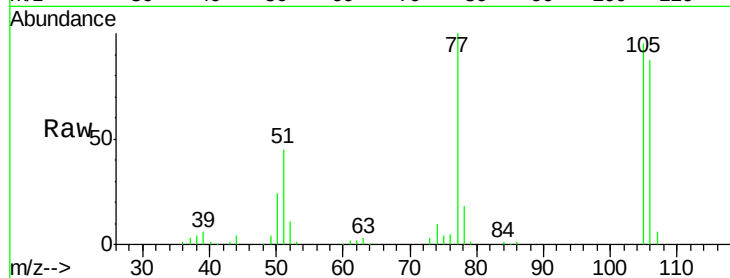
Tgt Ion: 77 Resp: 90523

Ion Ratio Lower Upper

77 100

105 94.8 73.1 113.1

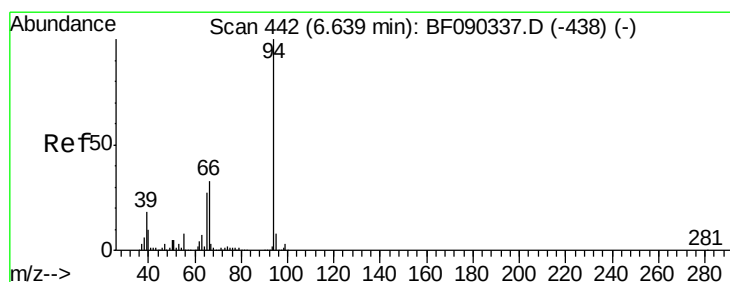
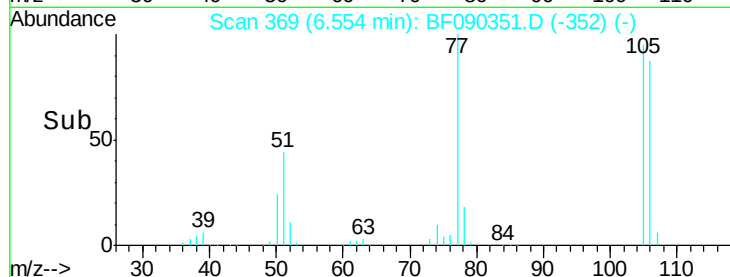
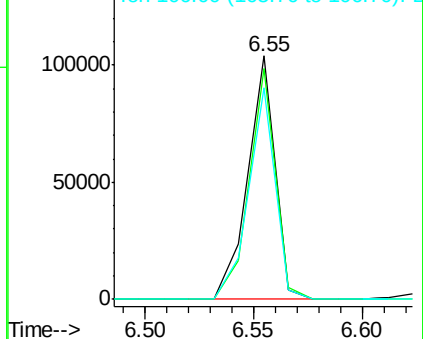
106 87.1 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.48 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

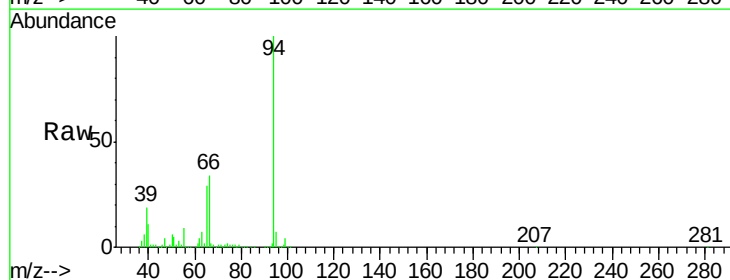
Tgt Ion: 94 Resp: 1198767

Ion Ratio Lower Upper

94 100

65 28.6 13.3 53.3

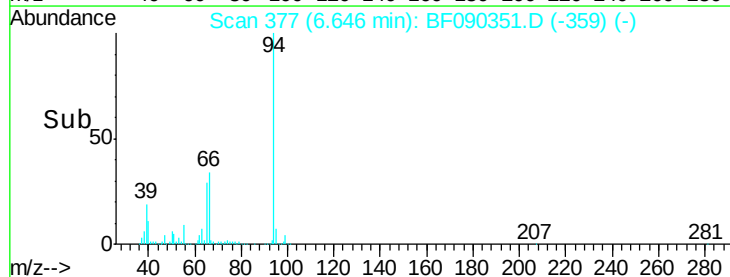
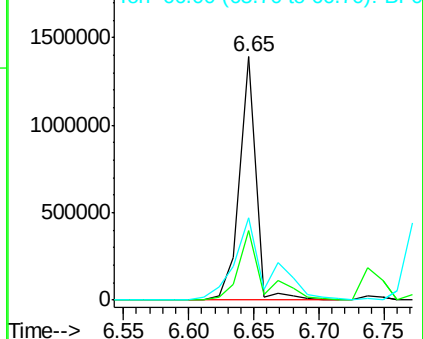
66 33.9 20.4 60.4

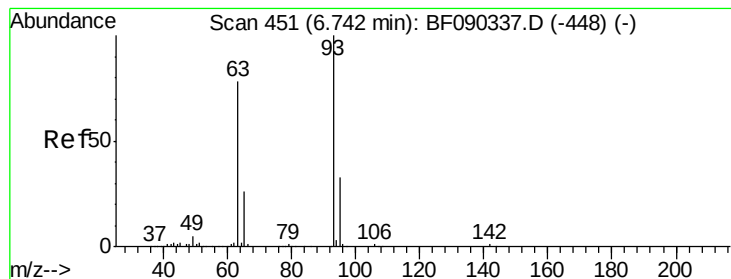


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

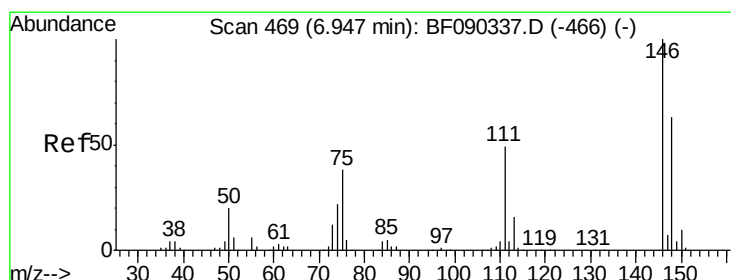
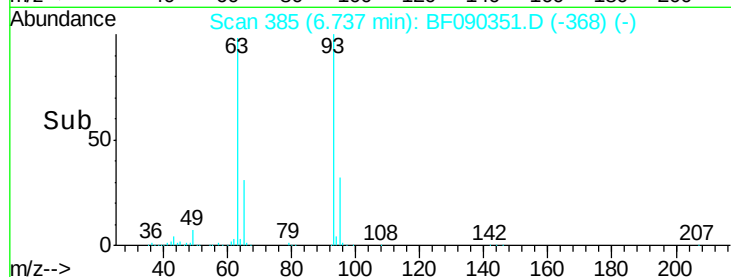
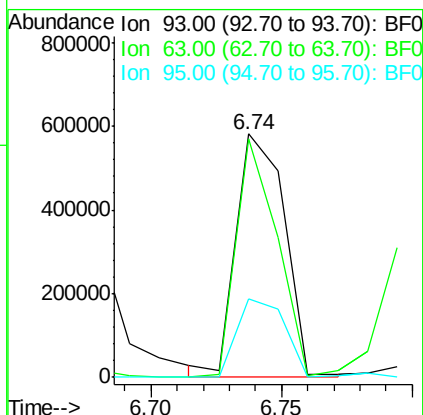
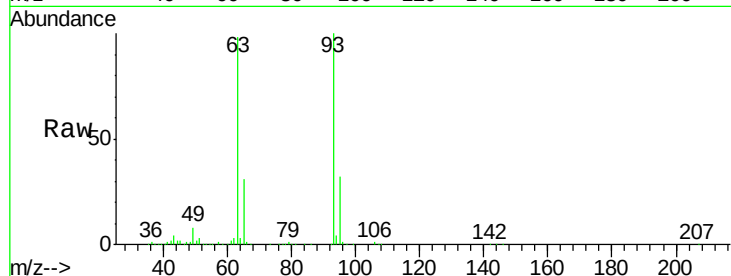




#11
 bis(2-Chloroethyl)ether
 Concen: 42.21 ng
 RT: 6.74 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

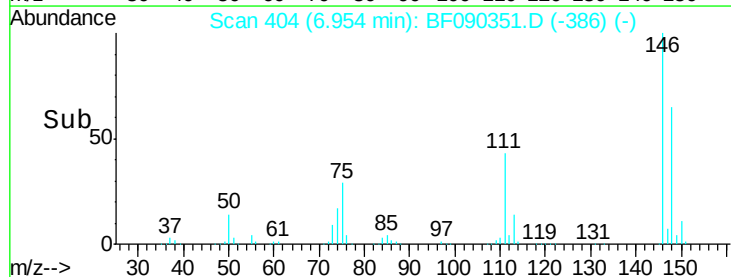
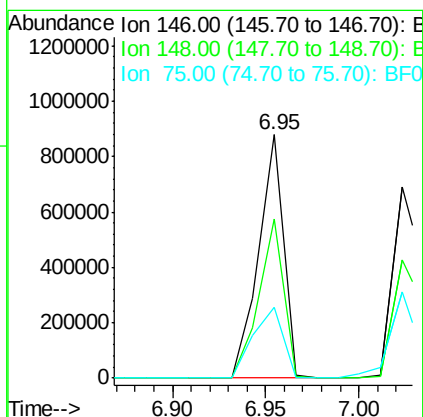
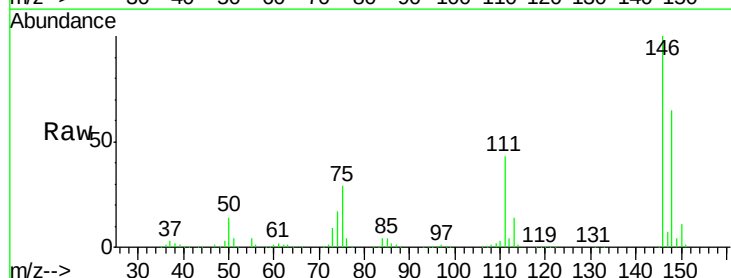
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

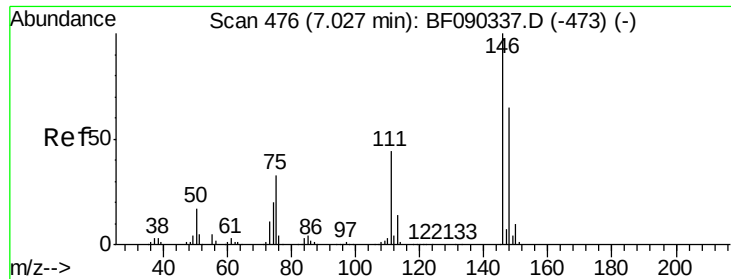
Tgt Ion: 93 Resp: 756818
 Ion Ratio Lower Upper
 93 100
 63 97.7 59.7 99.7
 95 32.2 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 41.68 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion: 146 Resp: 807855
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 75 28.9 21.4 32.2

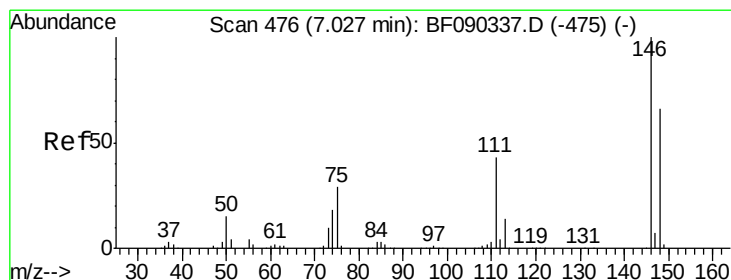
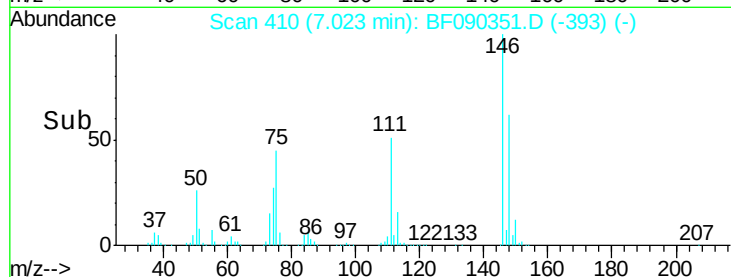
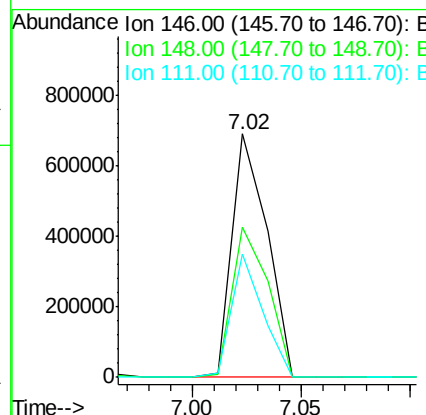
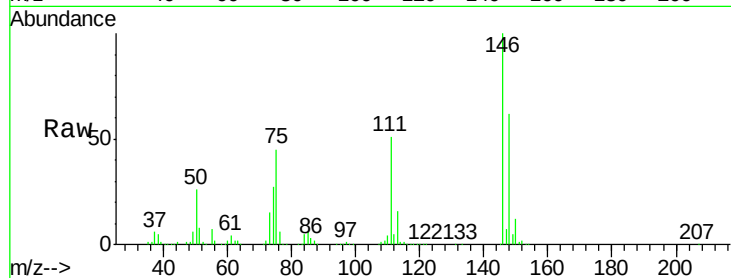




#13
 1,4-Dichlorobenzene
 Concen: 38.98 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

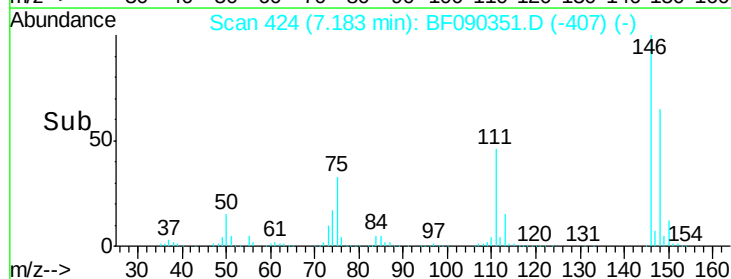
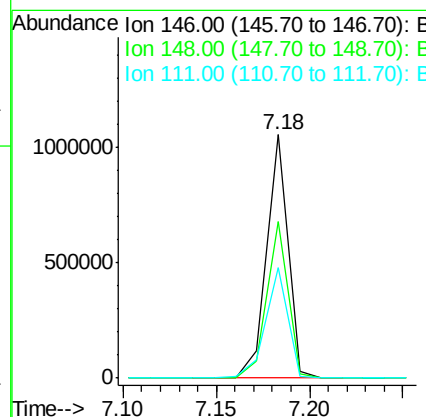
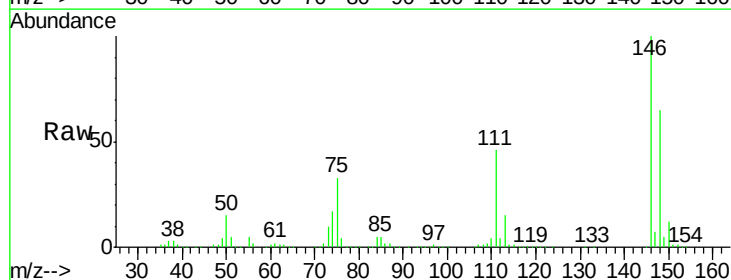
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

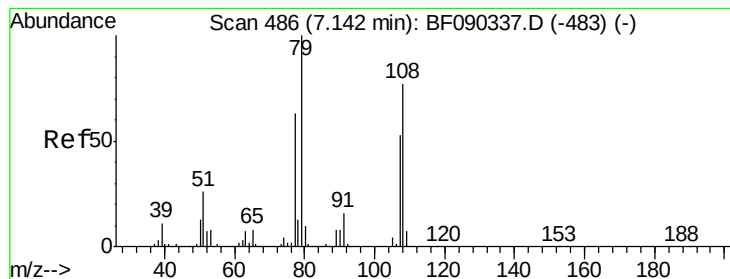
Tgt Ion:146 Resp: 767057
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.1 76.7
 111 50.6 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 44.21 ng
 RT: 7.18 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:146 Resp: 827127
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 45.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 52.07 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

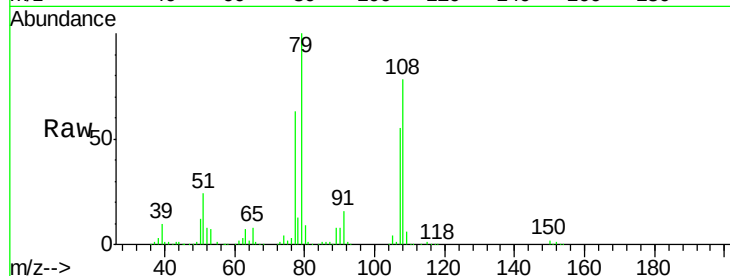
Tgt Ion: 79 Resp: 761990

Ion Ratio Lower Upper

79 100

108 78.3 60.9 91.3

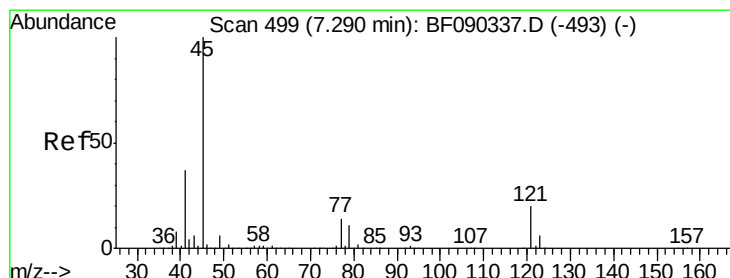
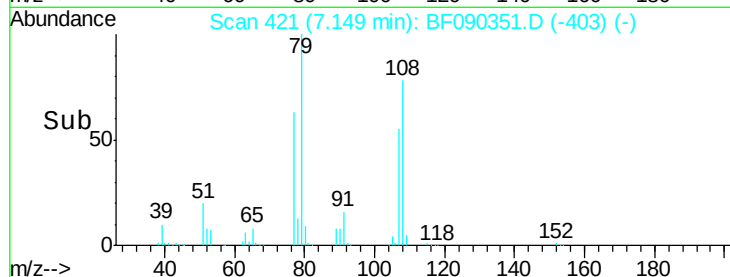
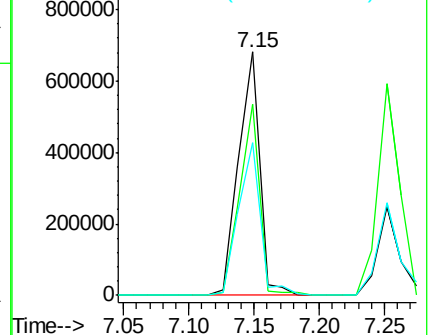
77 62.9 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.19 ng

RT: 7.29 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

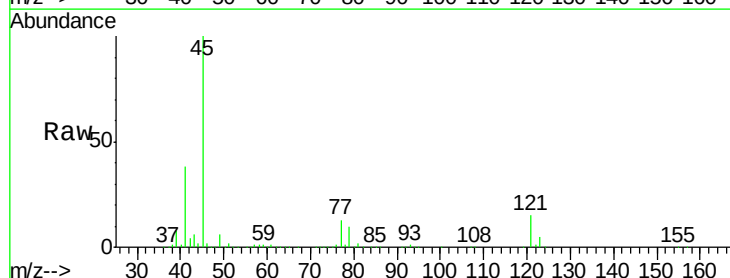
Tgt Ion: 45 Resp: 1265802

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.8

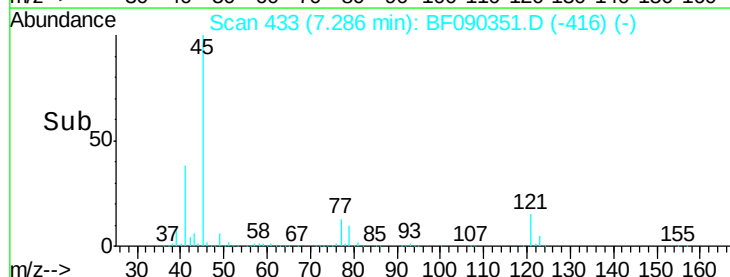
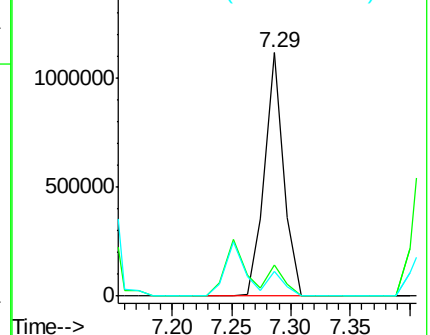
79 10.0 0.0 28.2

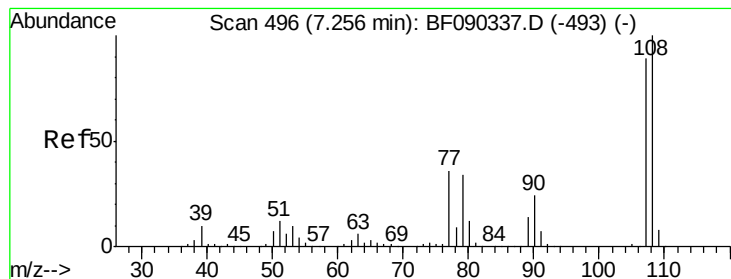


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

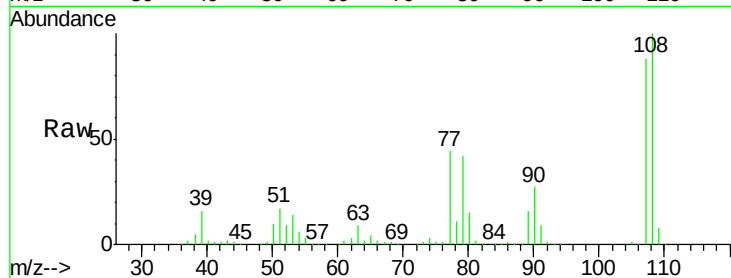




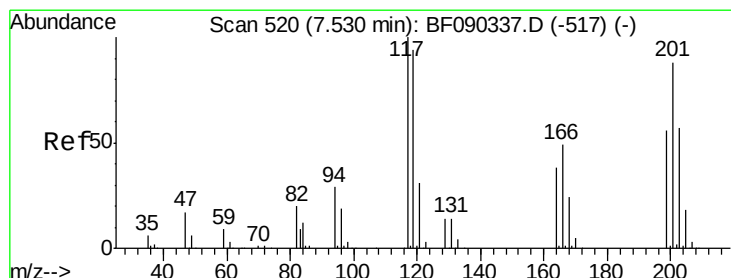
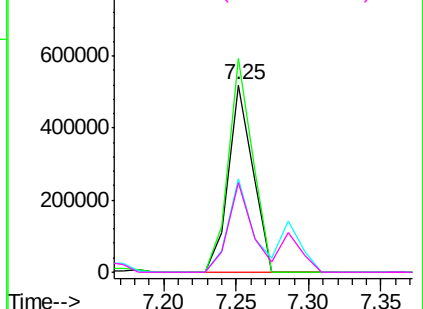
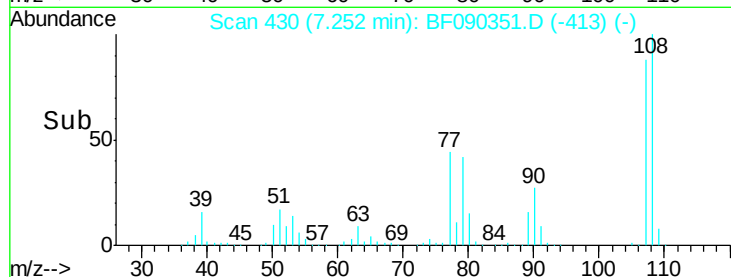
#17
 2-Methylphenol
 Concen: 42.00 ng
 RT: 7.25 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:	107	Resp:	607099
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	49.9	38.2	57.4
79	48.2	37.0	55.4

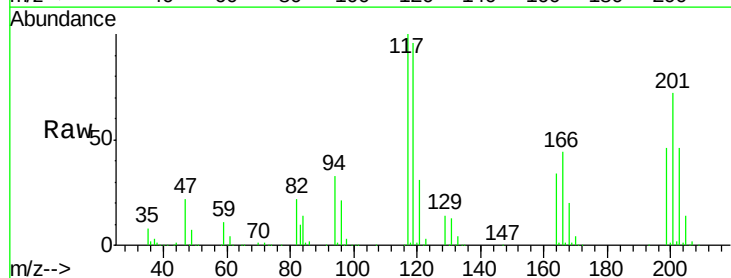


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

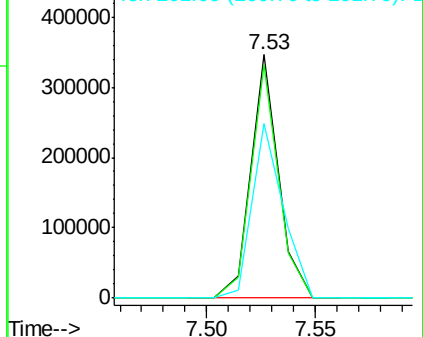
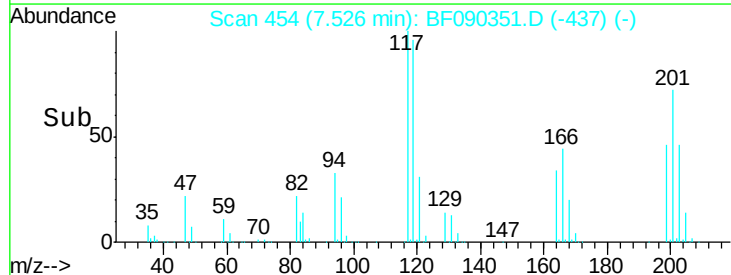


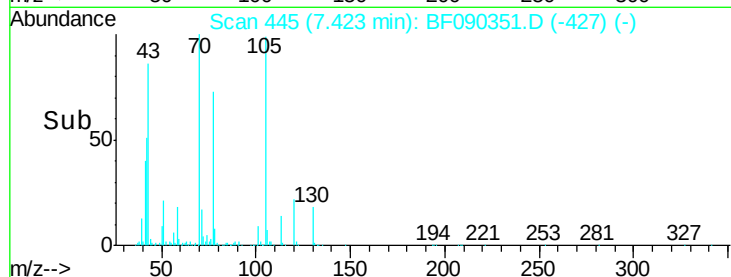
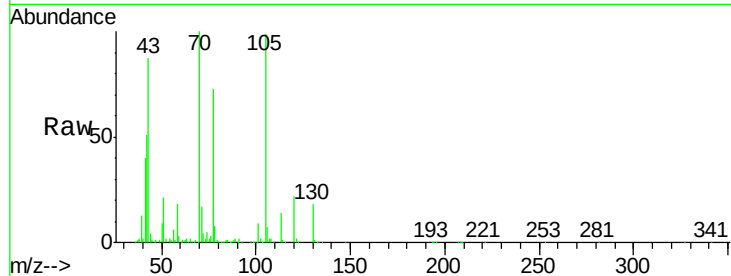
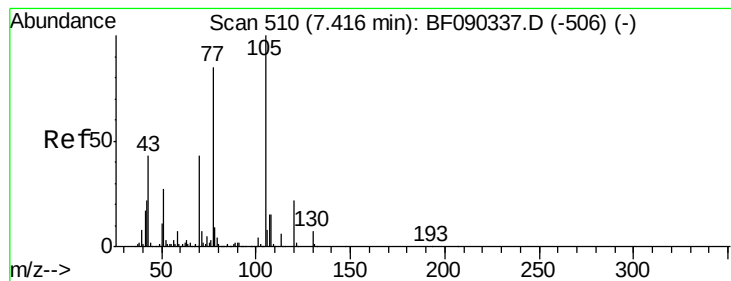
#18
 Hexachloroethane
 Concen: 42.76 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:	117	Resp:	304521
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.9	113.9
201	71.6	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: 51.40 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 70 Resp: 681421

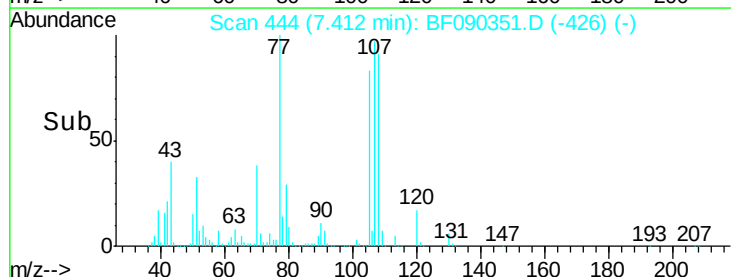
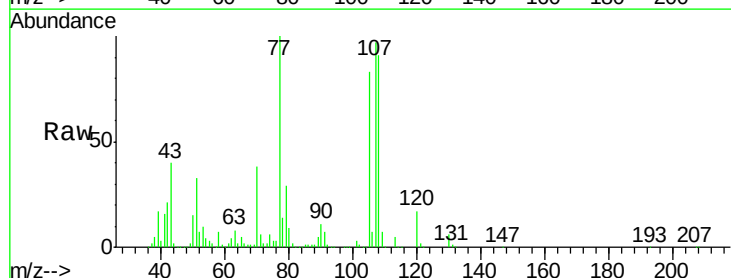
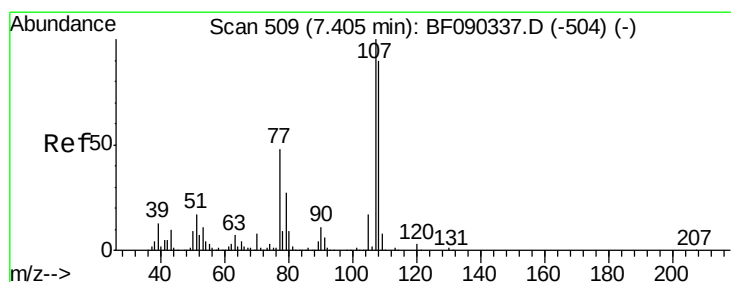
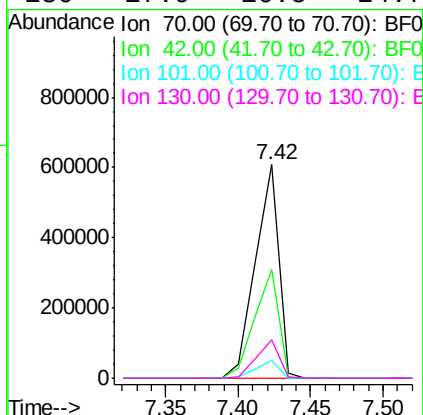
Ion Ratio Lower Upper

70 100

42 50.9 55.4 83.2#

101 8.6 7.6 11.4

130 17.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 46.32 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion: 107 Resp: 851275

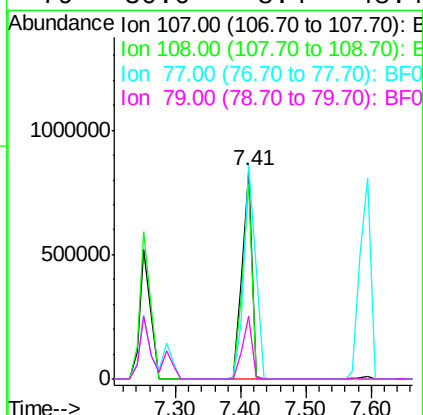
Ion Ratio Lower Upper

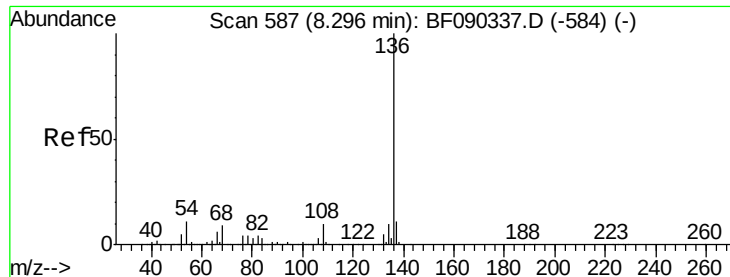
107 100

108 93.8 66.7 106.7

77 103.0 53.7 93.7#

79 30.0 8.4 48.4

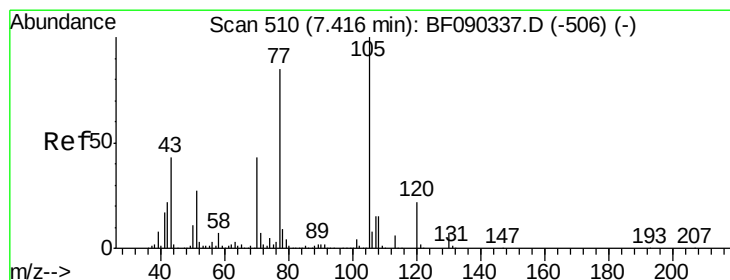
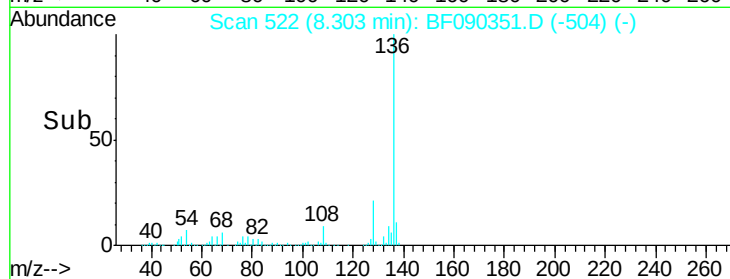
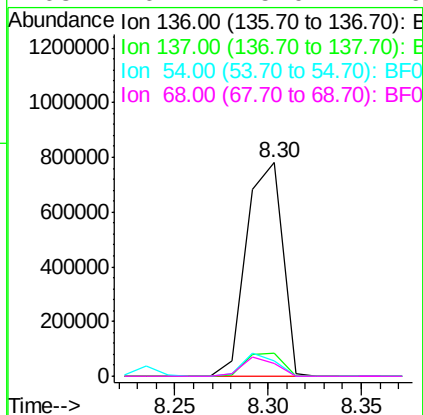
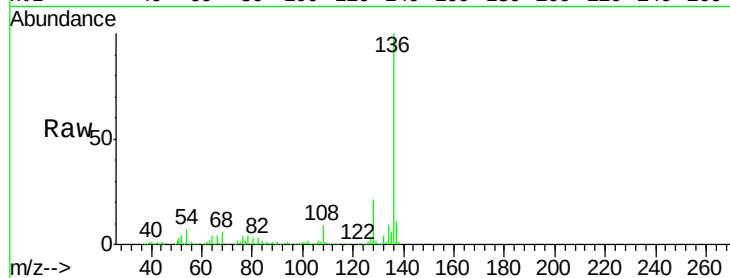




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

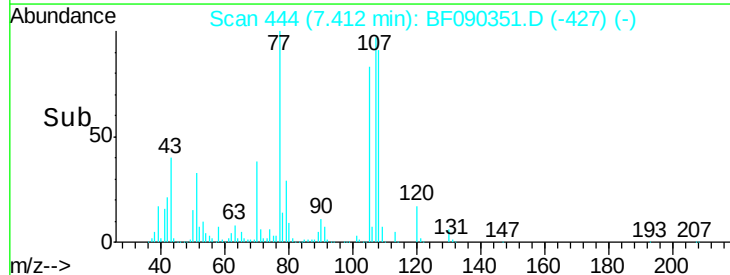
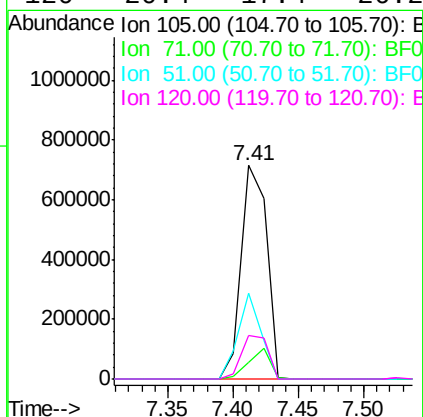
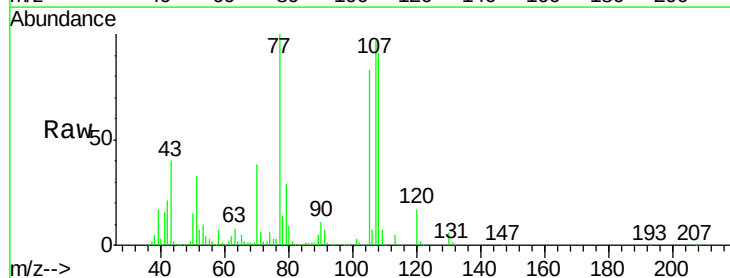
Instrument :
BNA_F
ClientSampleId :
PB93723BS

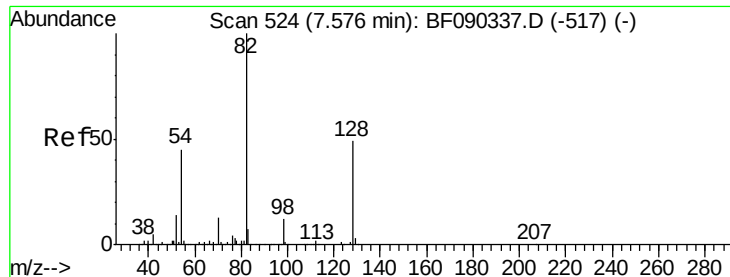
Tgt Ion:	136	Resp:	1047071
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.1	6.6	10.0
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 39.95 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:	105	Resp:	968623
Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.8	5.6#
51	39.9	28.2	42.4
120	20.4	17.4	26.2





#23

Nitrobenzene-d5

Concen: 91.60 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

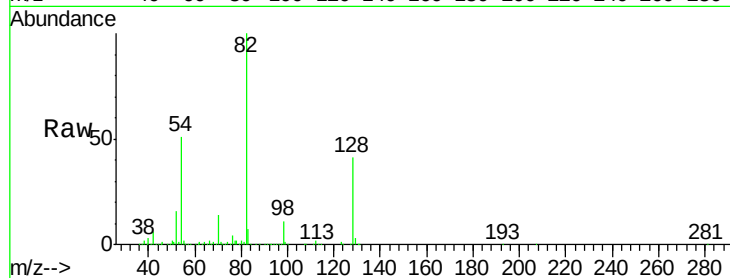
Tgt Ion: 82 Resp: 1645455

Ion Ratio Lower Upper

82 100

128 40.8 40.0 60.0

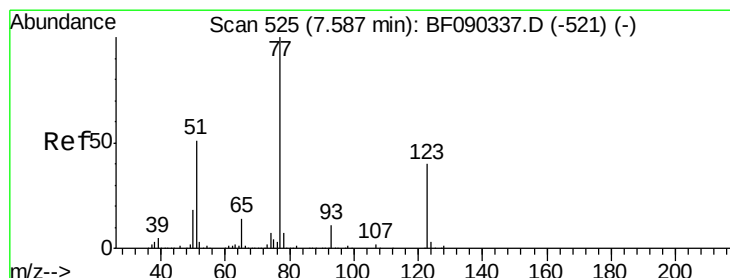
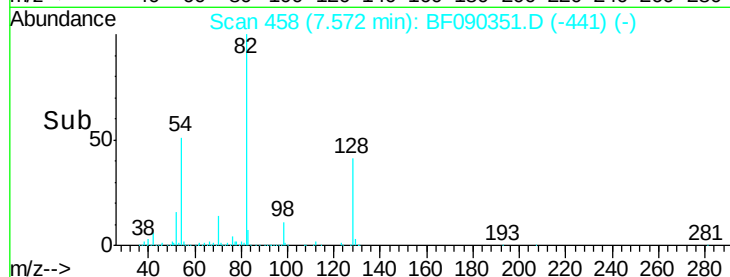
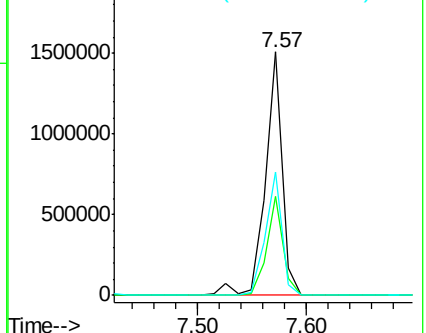
54 50.9 42.6 64.0



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: 47.98 ng

RT: 7.59 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

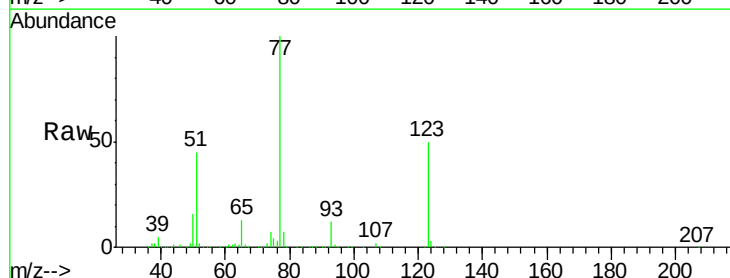
Tgt Ion: 77 Resp: 920263

Ion Ratio Lower Upper

77 100

123 49.9 33.0 49.4#

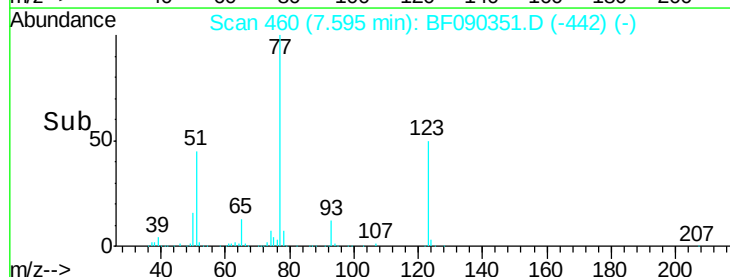
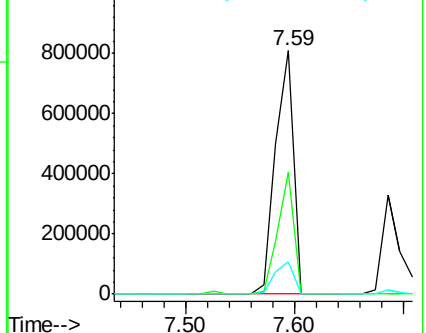
65 13.2 12.0 18.0

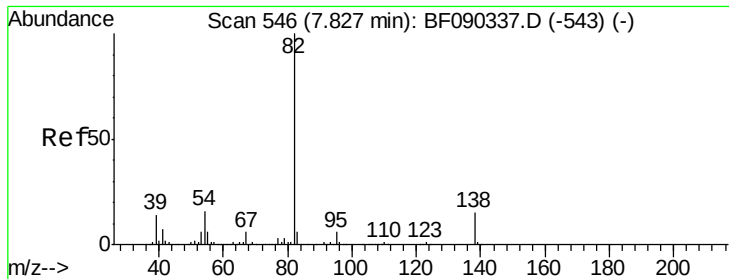


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.70 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

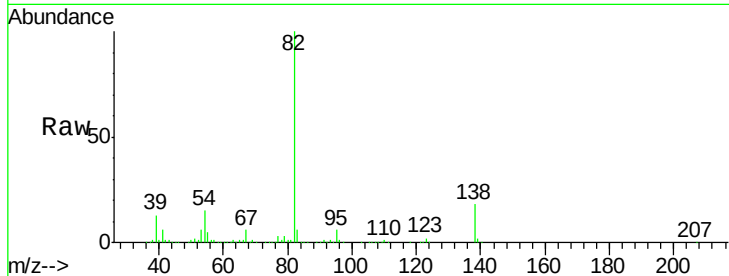
Tgt Ion: 82 Resp: 1596051

Ion Ratio Lower Upper

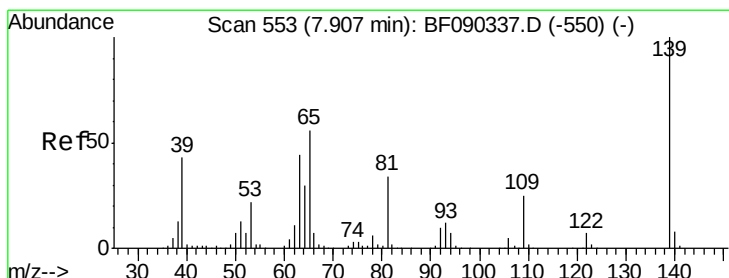
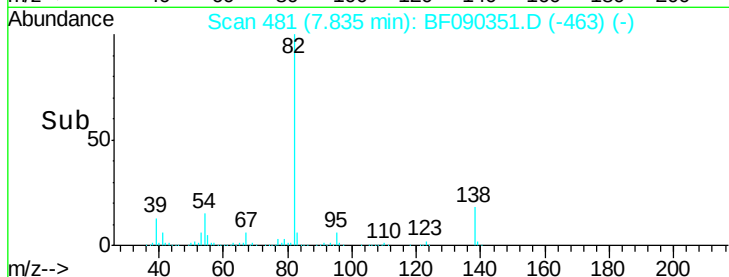
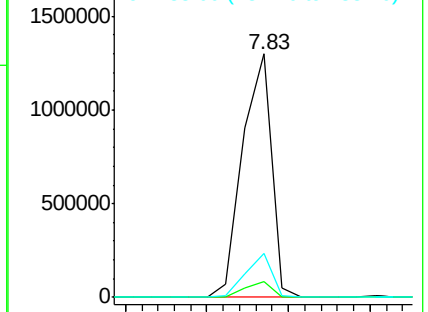
82 100

95 6.5 5.2 7.8

138 18.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.95 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

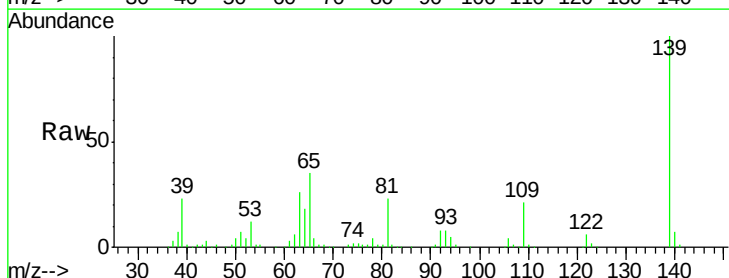
Tgt Ion: 139 Resp: 340081

Ion Ratio Lower Upper

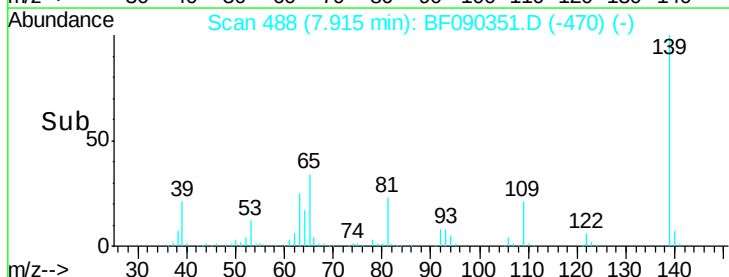
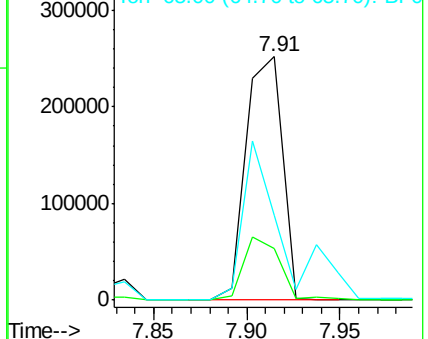
139 100

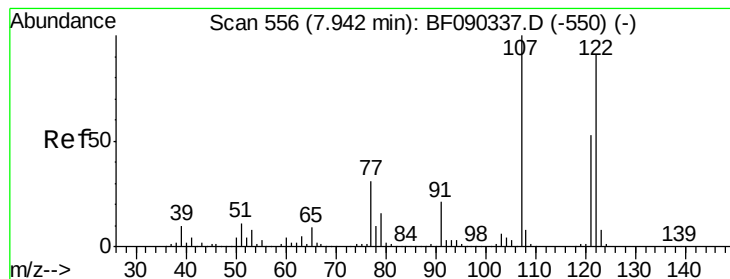
109 21.2 18.9 28.3

65 34.9 31.6 47.4



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





#27

2,4-Dimethylphenol

Concen: 39.88 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

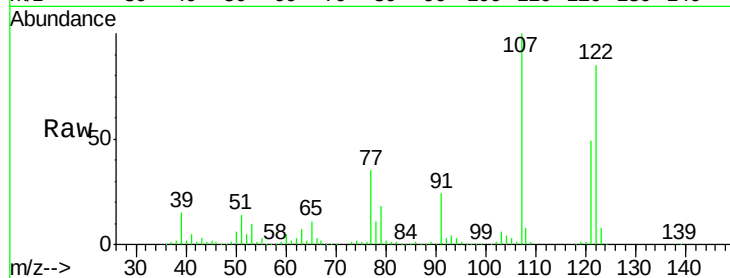
Tgt Ion:122 Resp: 665861

Ion Ratio Lower Upper

122 100

107 118.3 88.6 132.8

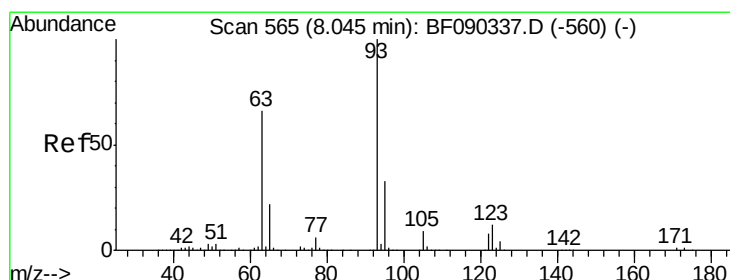
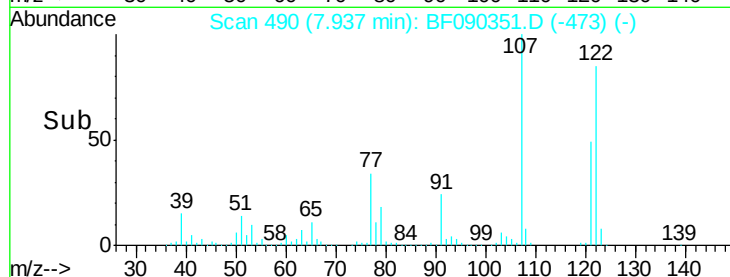
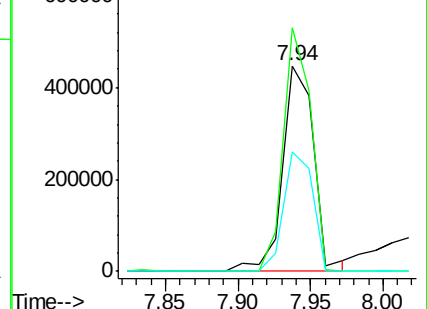
121 58.3 47.5 71.3



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: 43.19 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

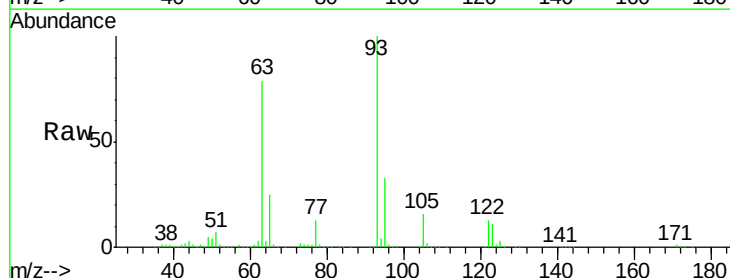
Tgt Ion: 93 Resp: 916456

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

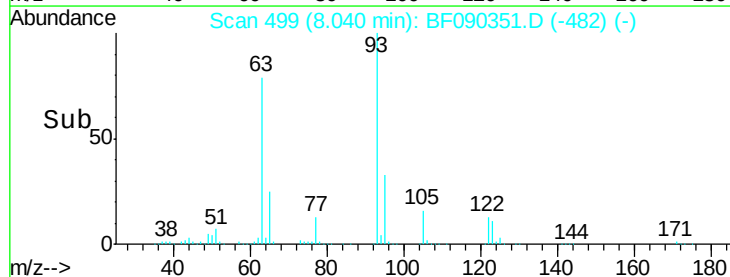
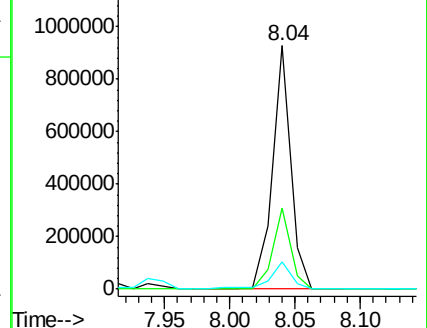
123 11.0 11.1 16.7#

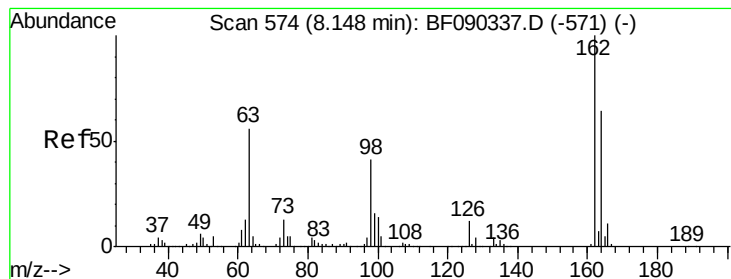


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.03 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

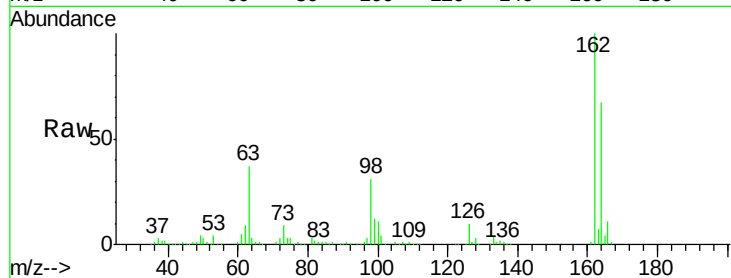
Tgt Ion:162 Resp: 533520

Ion Ratio Lower Upper

162 100

164 66.8 45.7 85.7

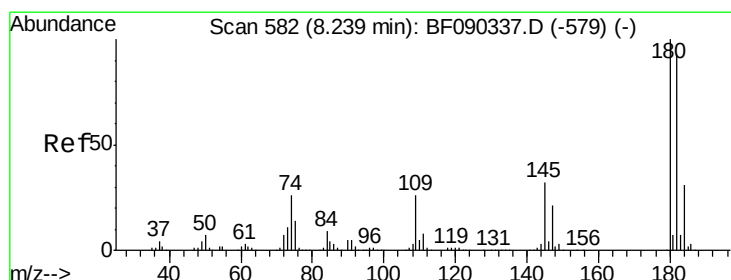
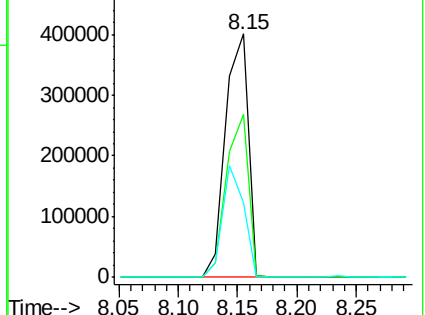
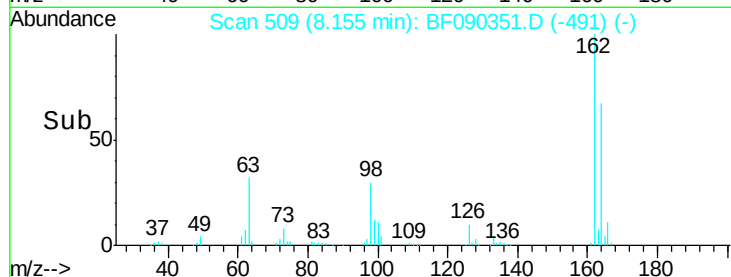
98 30.5 13.3 53.3



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: 39.22 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

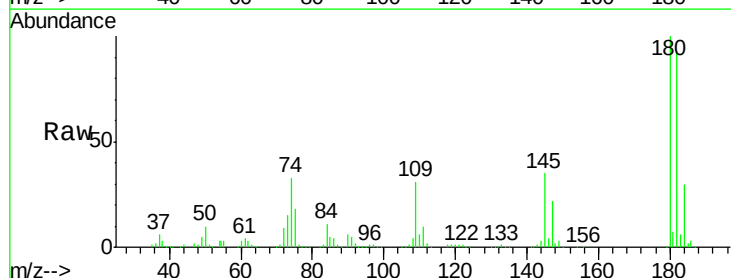
Tgt Ion:180 Resp: 600410

Ion Ratio Lower Upper

180 100

182 93.5 75.3 112.9

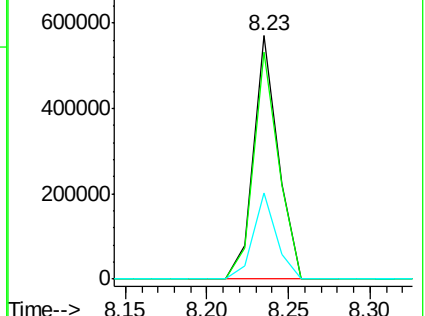
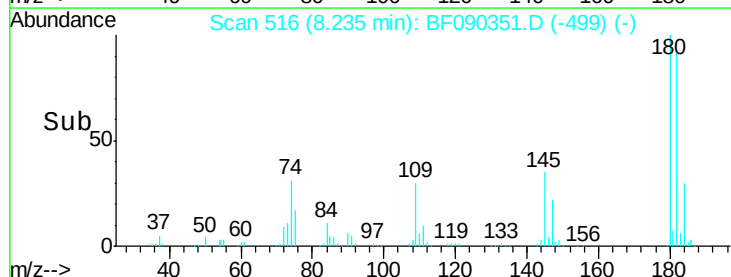
145 35.2 27.7 41.5

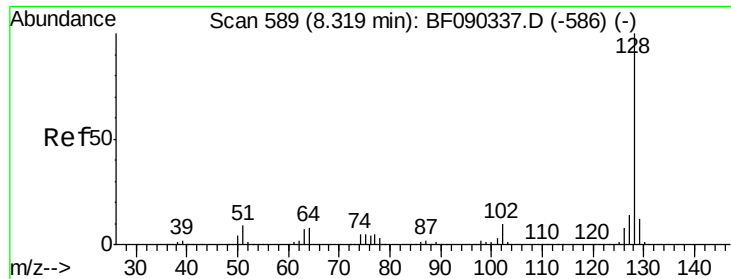


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

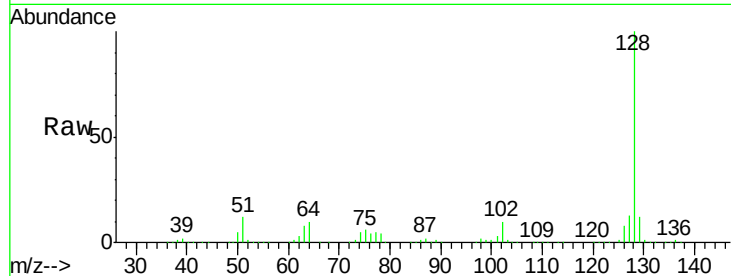




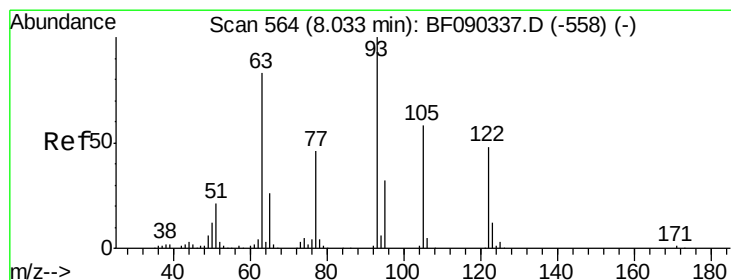
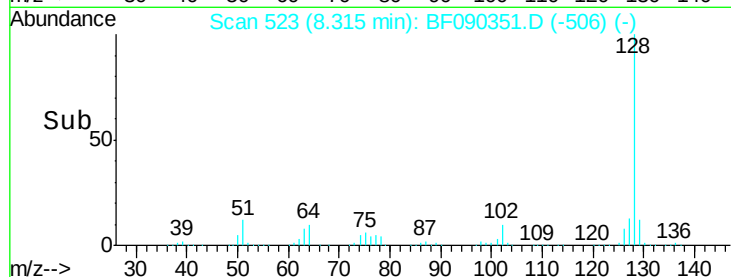
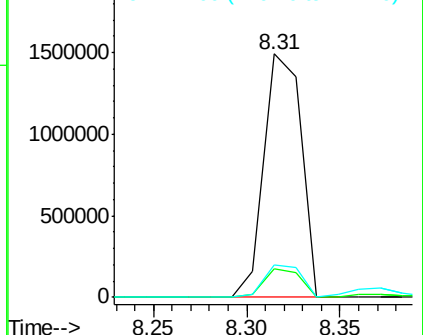
#31
Naphthalene
Concen: 41.29 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:128 Resp: 2066412
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.4 11.7 17.5

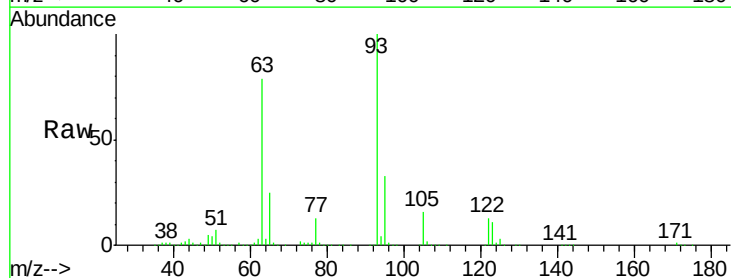


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

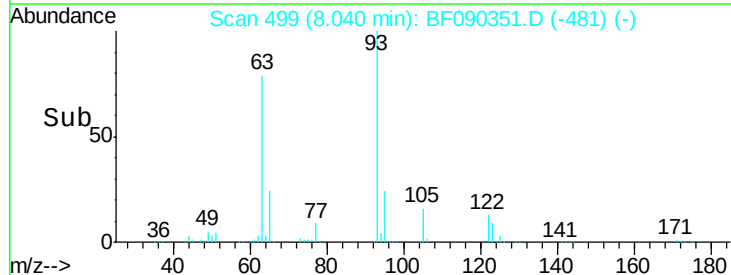
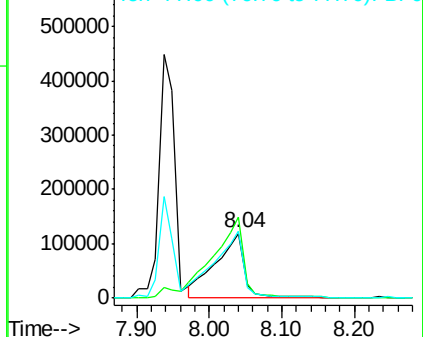


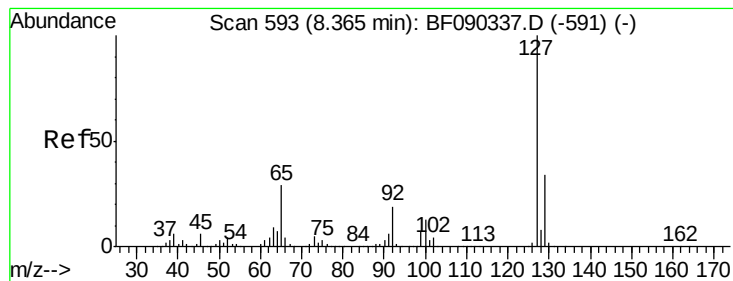
#32
Benzoic acid
Concen: 32.61 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:122 Resp: 329712
Ion Ratio Lower Upper
122 100
105 124.3 103.9 143.9
77 103.3 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.80 ng

RT: 8.37 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

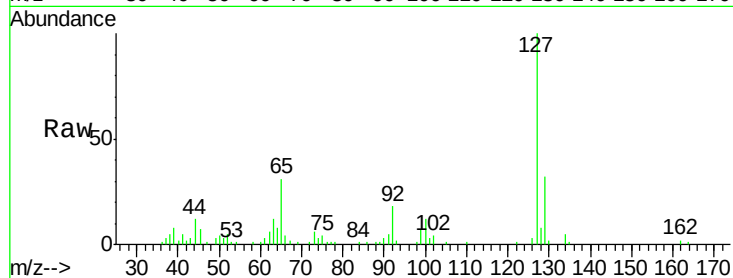
Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion:	127	Resp:	115926
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	30.9	32.5	48.7#
92	17.6	17.2	25.8



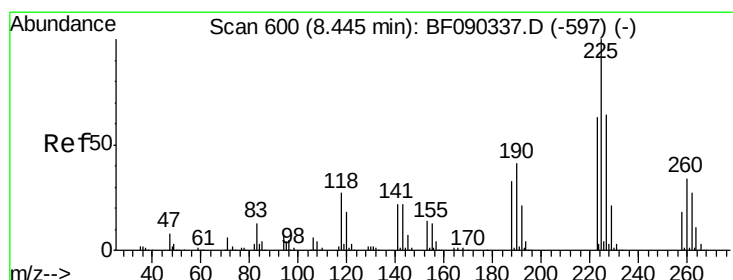
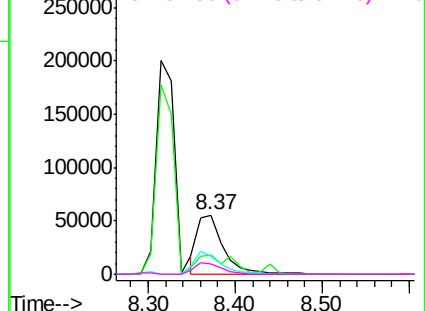
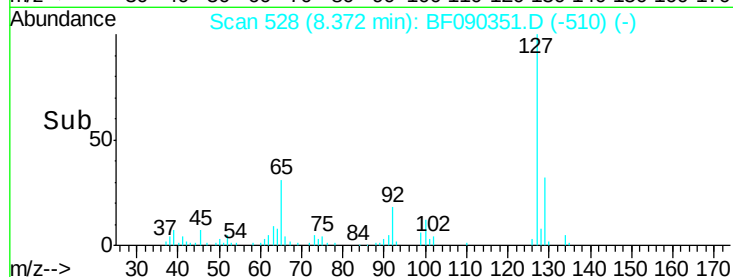
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.40 ng

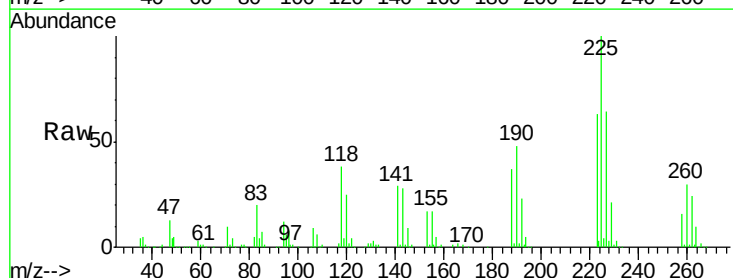
RT: 8.44 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Tgt Ion:	225	Resp:	336997
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	63.8	50.8	76.2

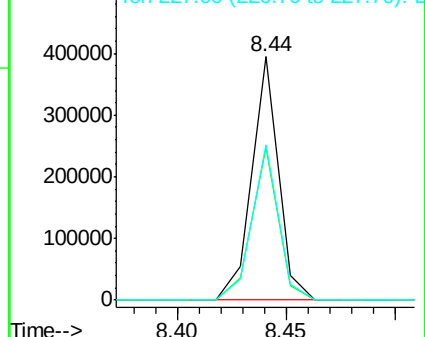
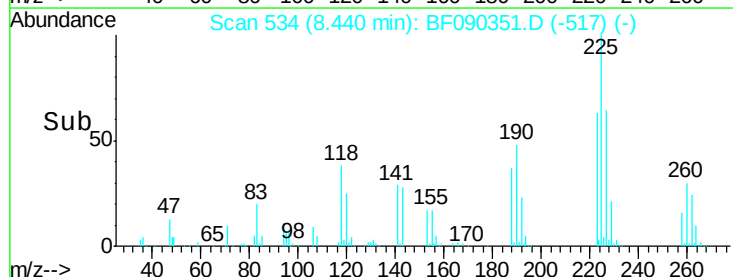


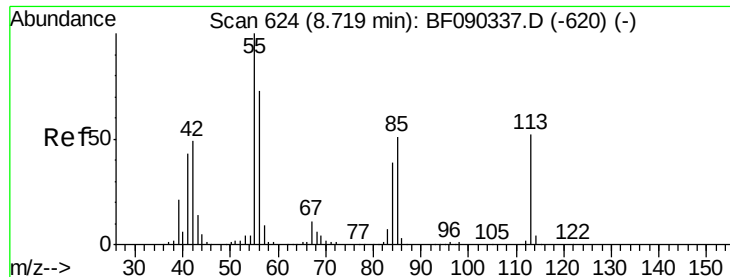
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

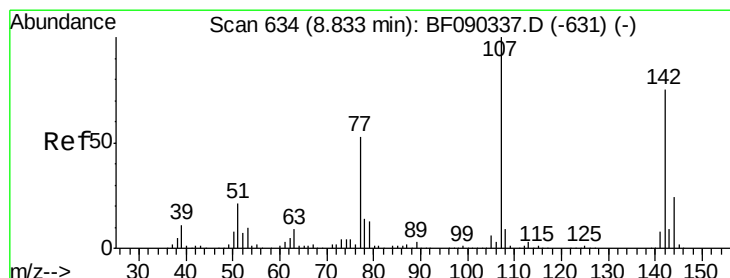
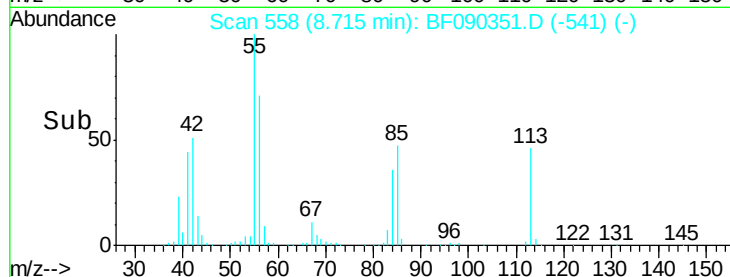
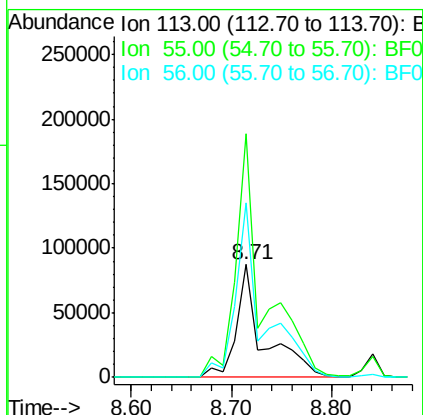
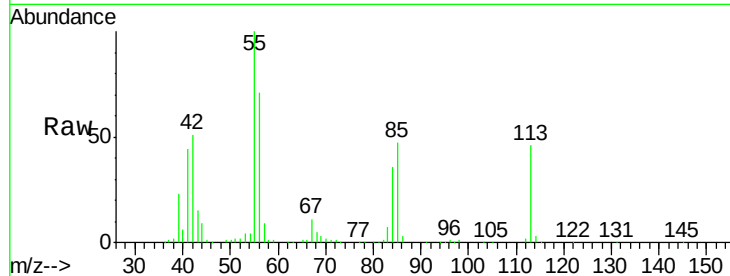




#35
 Caprolactam
 Concen: 45.19 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

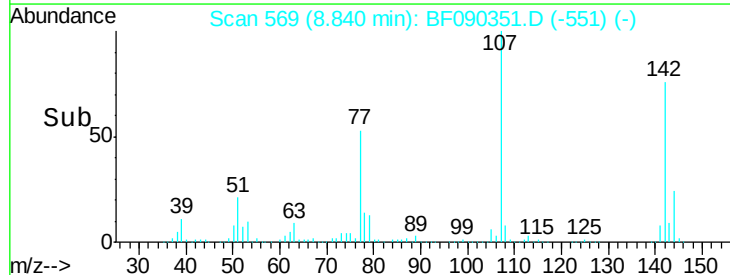
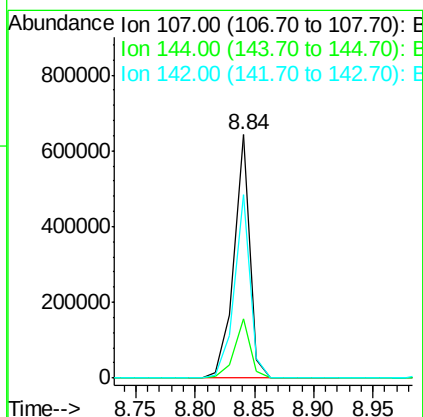
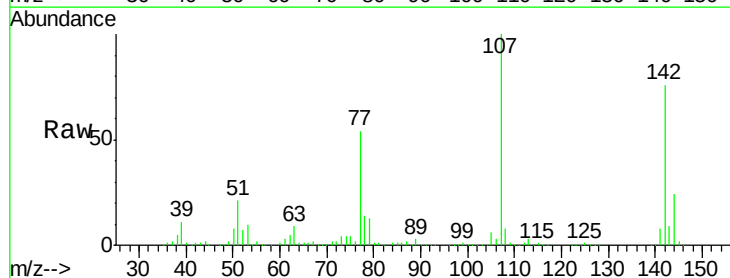
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

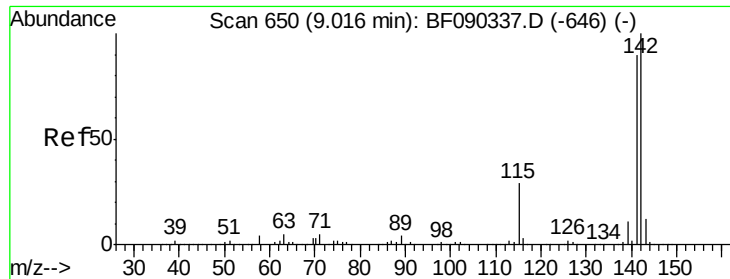
Tgt Ion:113 Resp: 161558
 Ion Ratio Lower Upper
 113 100
 55 216.3 203.3 243.3
 56 154.6 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.96 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:107 Resp: 601185
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.8
 142 75.5 60.7 91.1

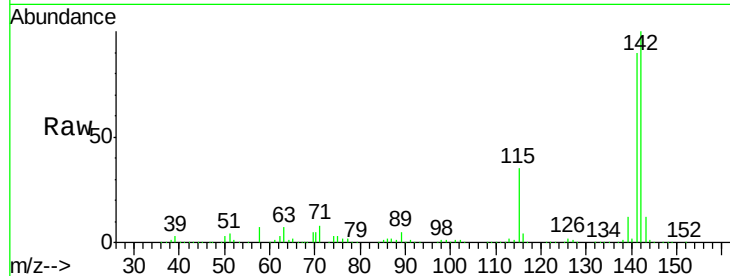




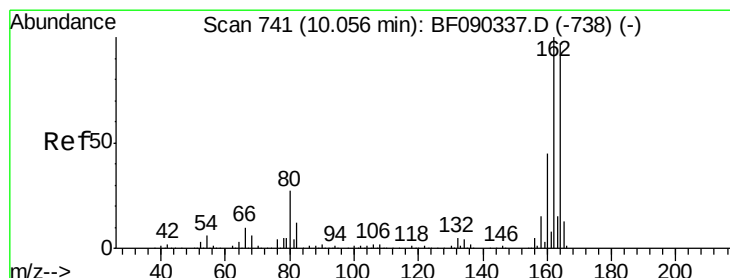
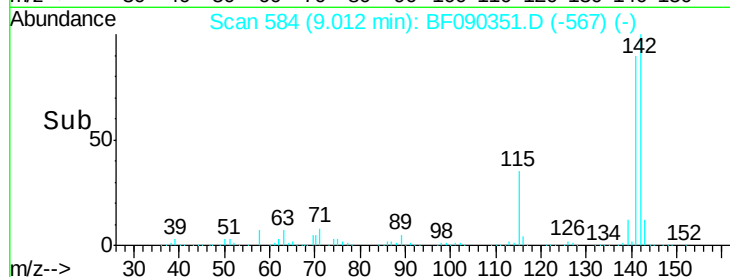
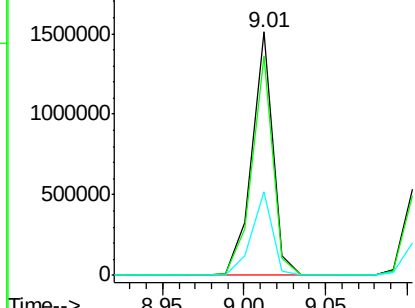
#37
2-Methylnaphthalene
Concen: 43.02 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:142 Resp: 1351230
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8
115 34.5 28.8 43.2

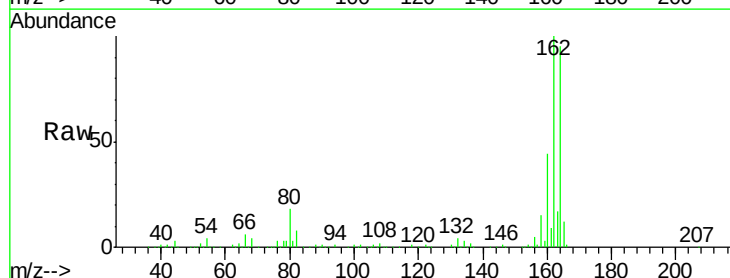


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

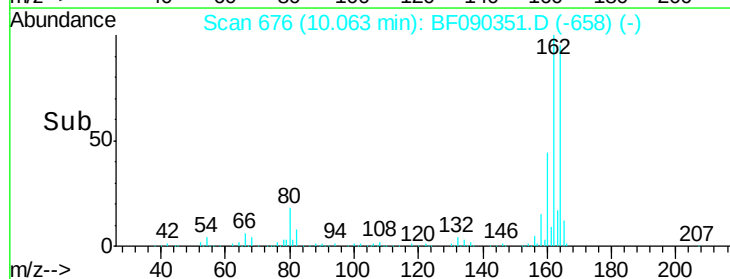
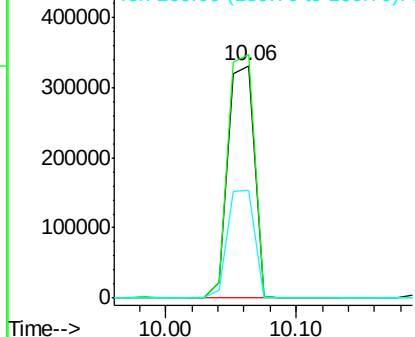


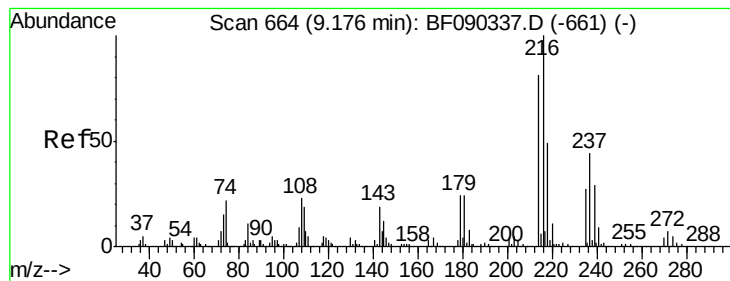
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:164 Resp: 462733
Ion Ratio Lower Upper
164 100
162 104.8 80.1 120.1
160 46.6 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: 40.79 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion:216 Resp: 532839

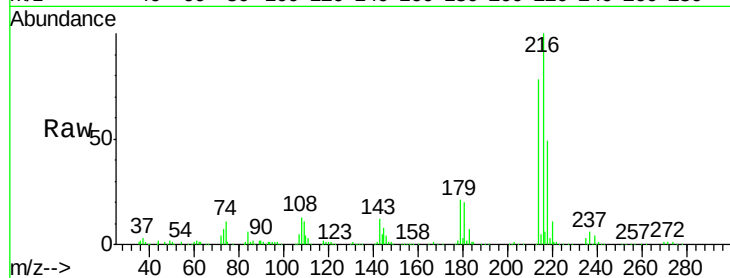
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 22.2 18.0 27.0

108 23.2 15.2 22.8#

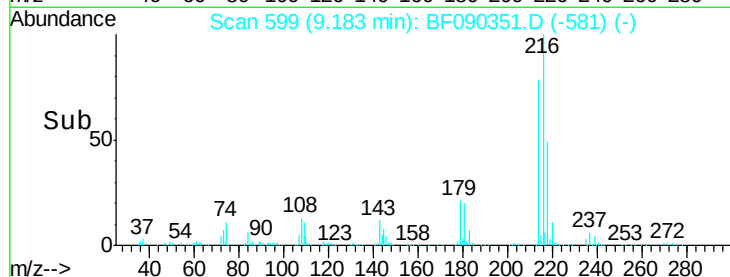


Abundance Ion 216.00 (215.70 to 216.70): E

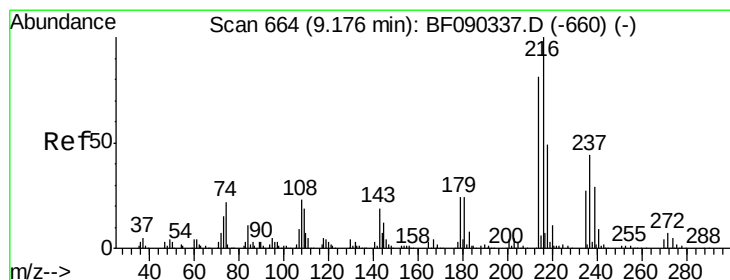
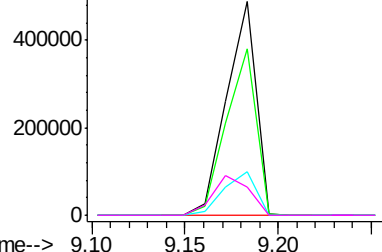
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.09 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

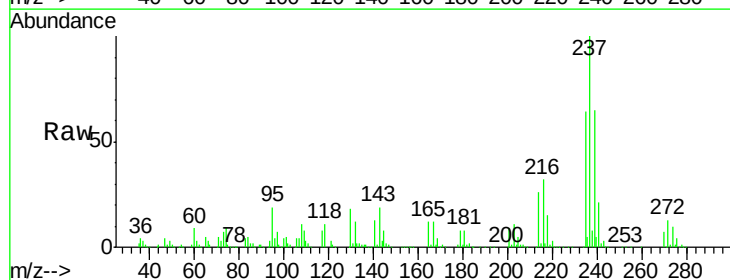
Tgt Ion:237 Resp: 720361

Ion Ratio Lower Upper

237 100

235 64.1 43.6 83.6

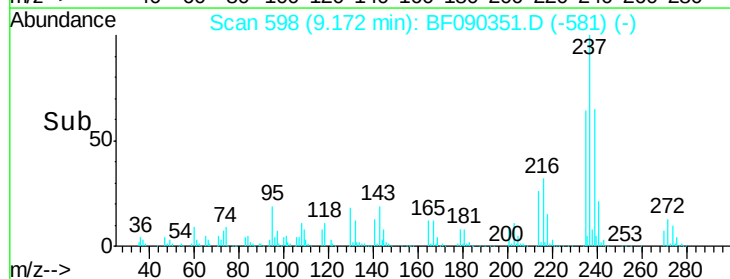
272 13.0 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E

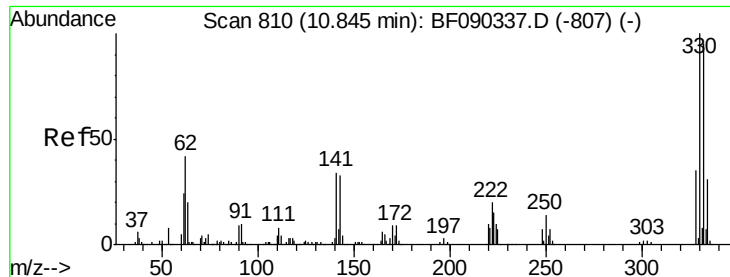
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

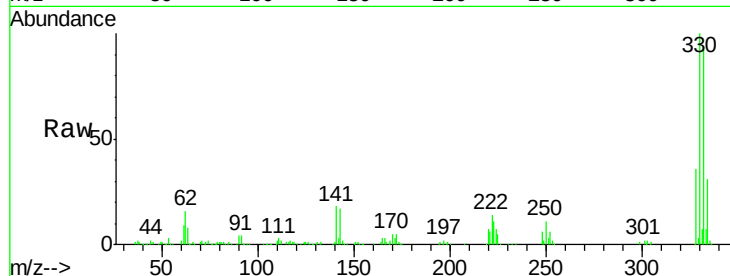




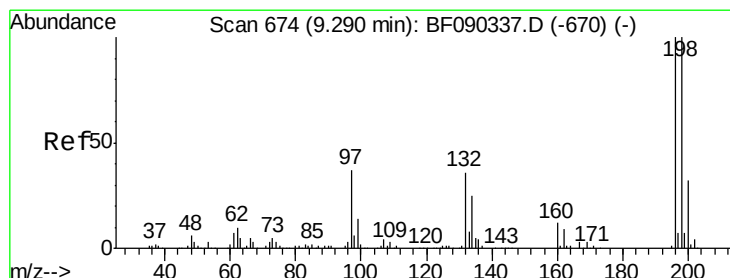
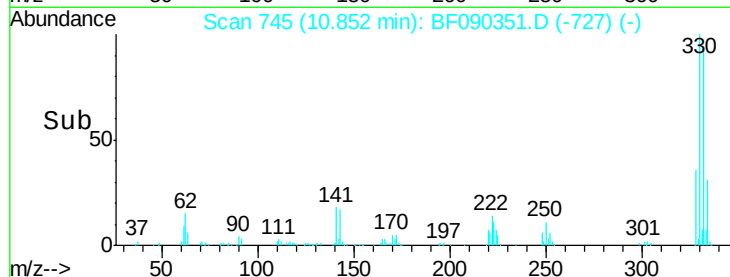
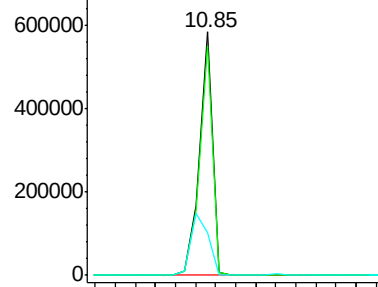
#41
 2,4,6-Tribromophenol
 Concen: 131.32 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.4	113.0
141	34.7	26.9	40.3

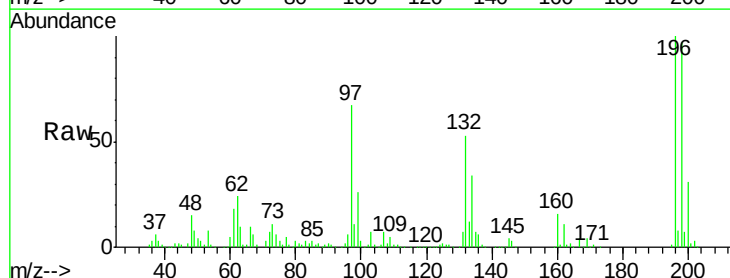


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

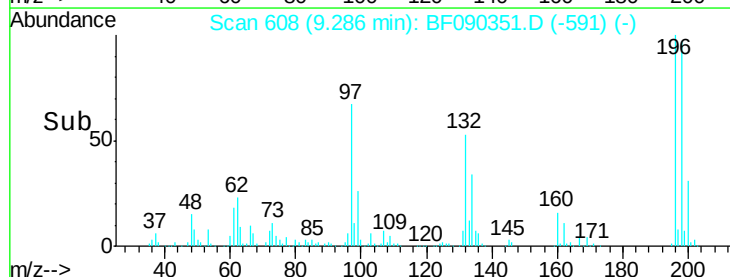
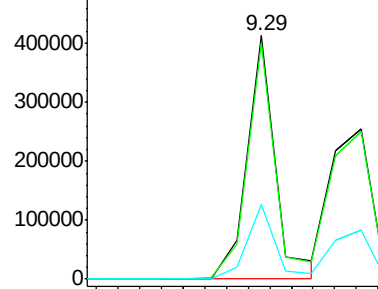


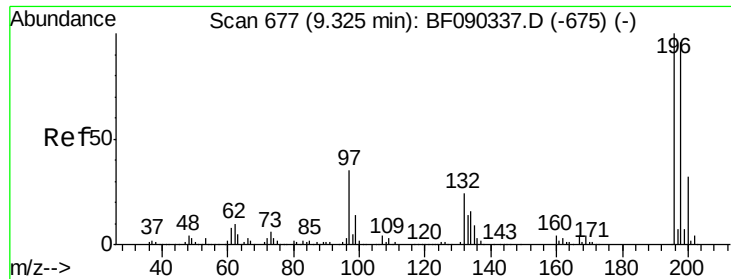
#42
 2,4,6-Trichlorophenol
 Concen: 45.78 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.9	118.3
200	30.5	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

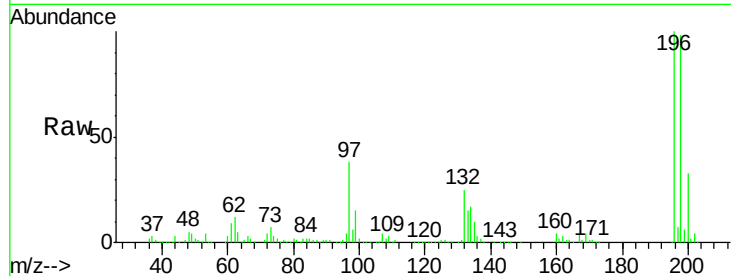




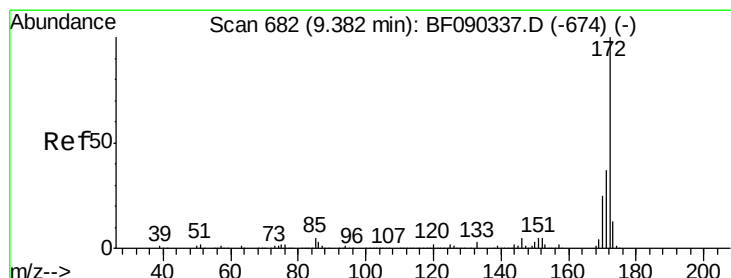
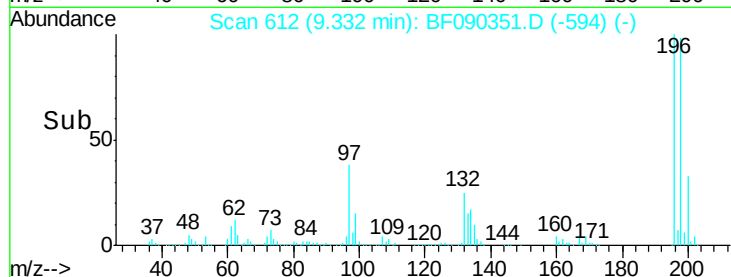
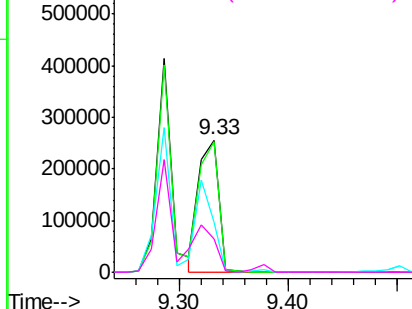
#43
 2,4,5-Trichlorophenol
 Concen: 40.10 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:196 Resp: 331496
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.1 117.1
 97 37.9 48.1 72.1#
 132 24.8 27.4 41.2#

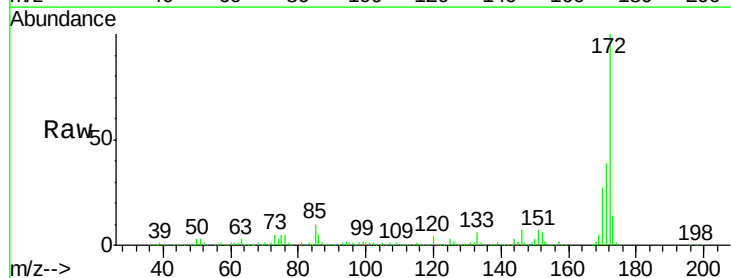


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

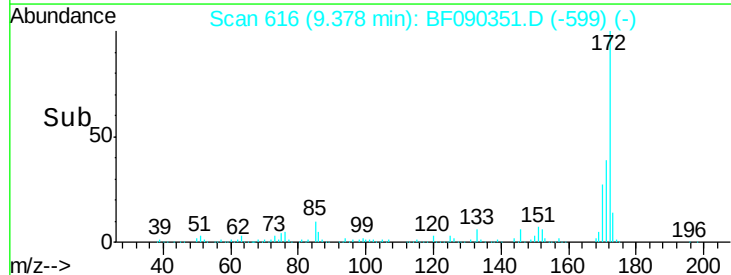
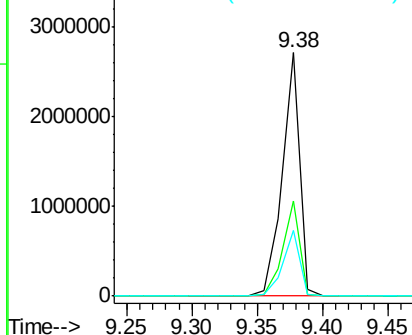


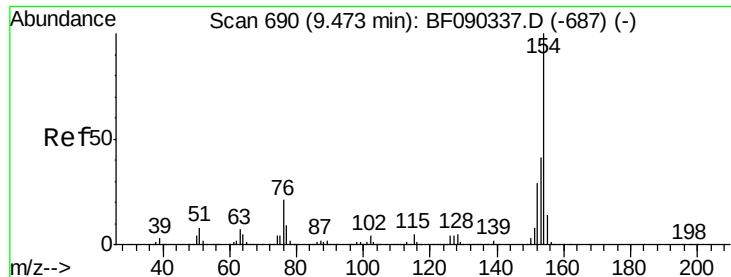
#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:172 Resp: 2551699
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.8 47.8
 170 26.7 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

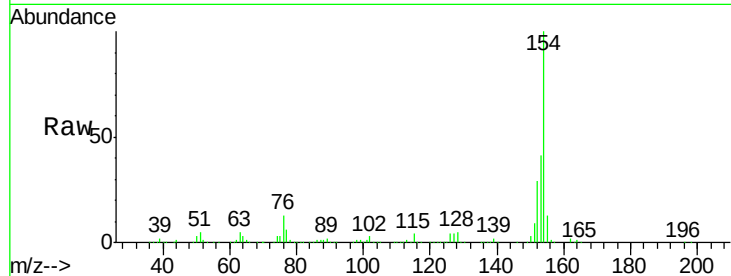




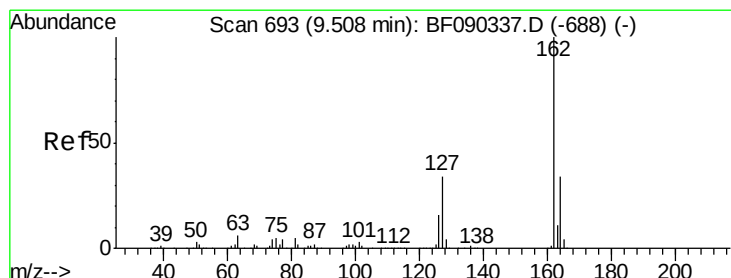
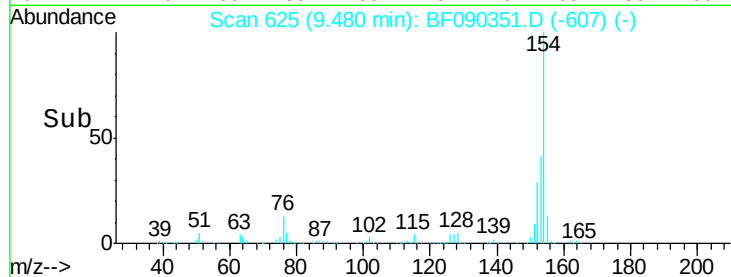
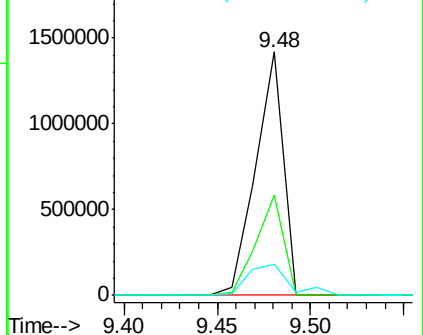
#45
 1,1'-Biphenyl
 Concen: 40.35 ng
 RT: 9.48 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:154 Resp: 1445465
 Ion Ratio Lower Upper
 154 100
 153 41.2 23.8 63.8
 76 12.8 0.0 35.8

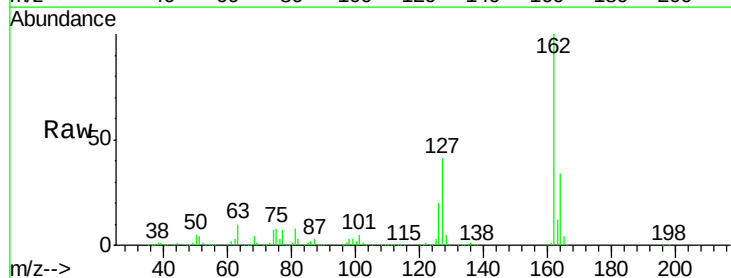


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

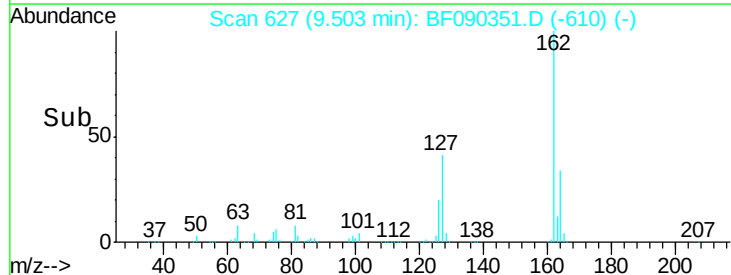
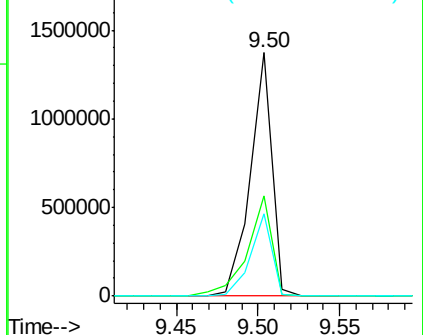


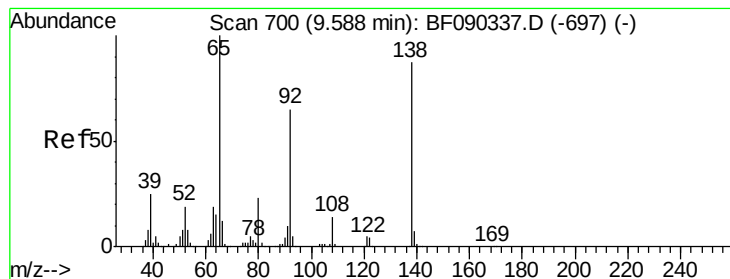
#46
 2-Chloronaphthalene
 Concen: 47.06 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:162 Resp: 1265467
 Ion Ratio Lower Upper
 162 100
 127 41.4 35.6 53.4
 164 34.0 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: 56.74 ng

RT: 9.59 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

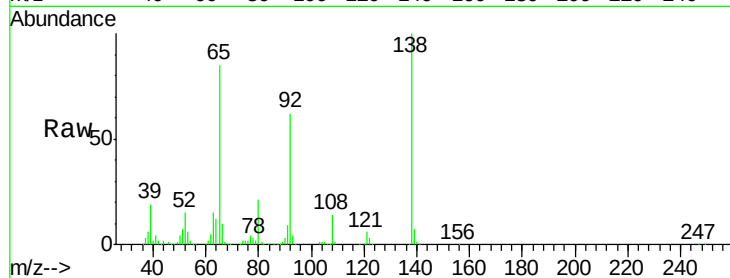
Tgt Ion: 65 Resp: 416471

Ion Ratio Lower Upper

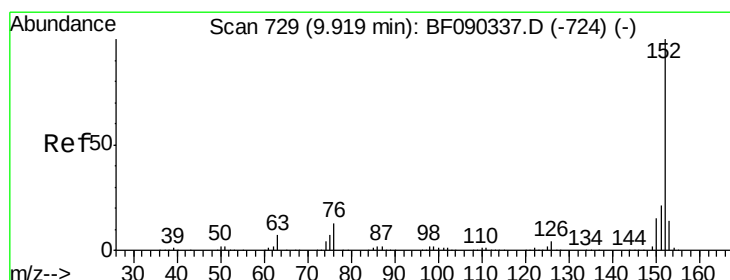
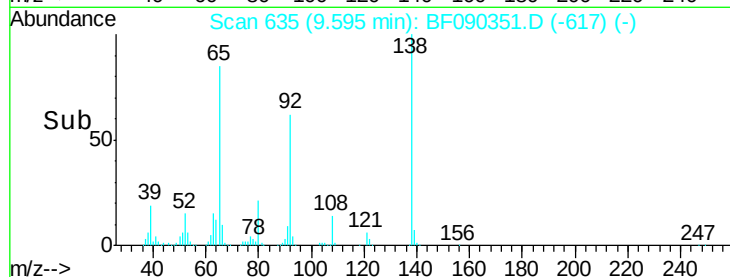
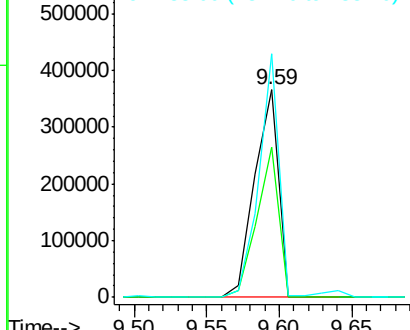
65 100

92 72.7 51.7 77.5

138 117.4 79.0 118.4



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



#48

Acenaphthylene

Concen: 42.23 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

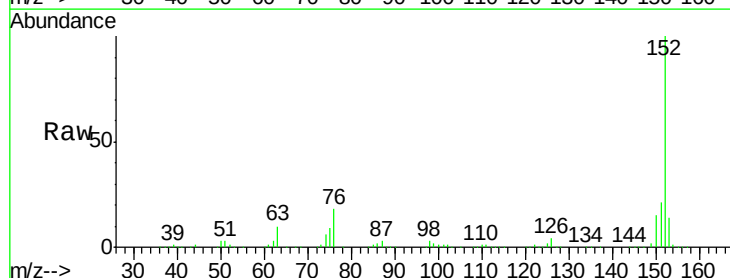
Tgt Ion: 152 Resp: 1717842

Ion Ratio Lower Upper

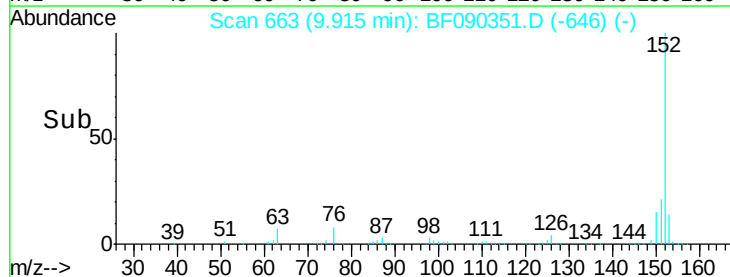
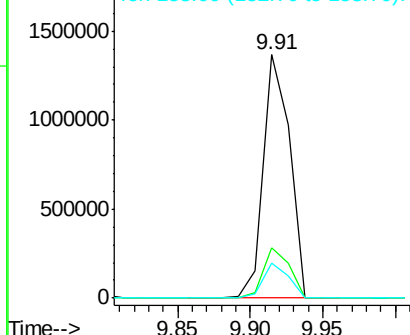
152 100

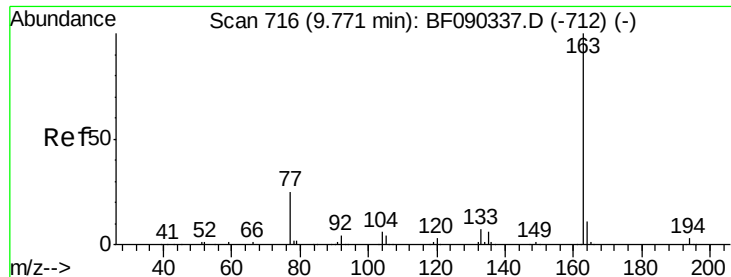
151 20.8 17.4 26.0

153 14.2 11.6 17.4



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





#49

Dimethylphthalate

Concen: 47.62 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

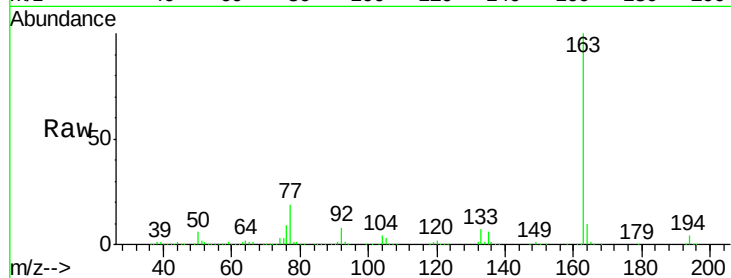
Tgt Ion:163 Resp: 1304534

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

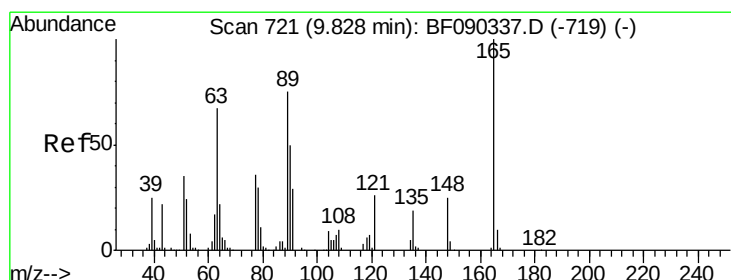
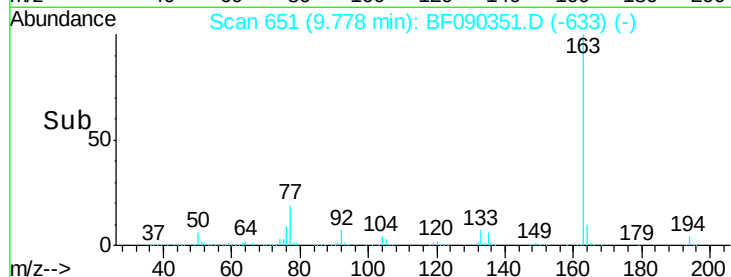
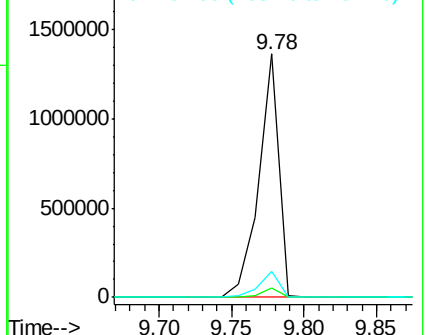
164 10.5 9.0 13.4



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: 48.94 ng

RT: 9.83 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

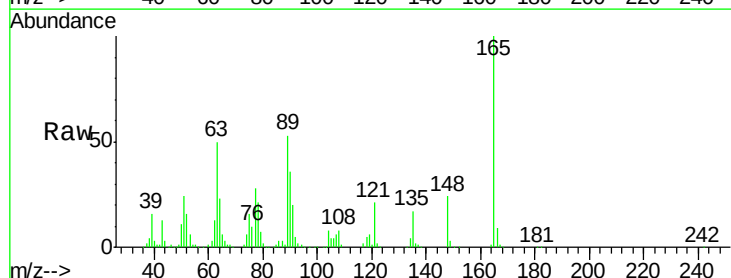
Tgt Ion:165 Resp: 293241

Ion Ratio Lower Upper

165 100

63 50.3 58.0 87.0#

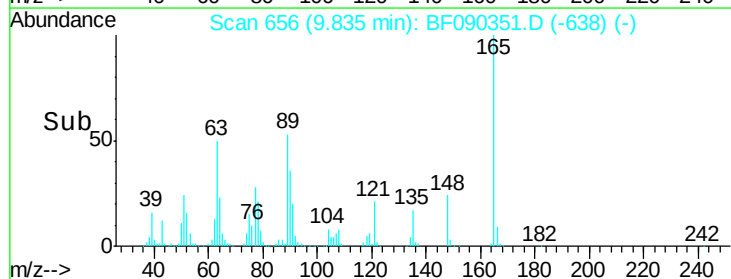
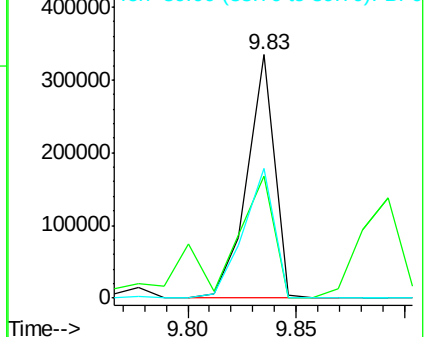
89 53.1 51.2 76.8

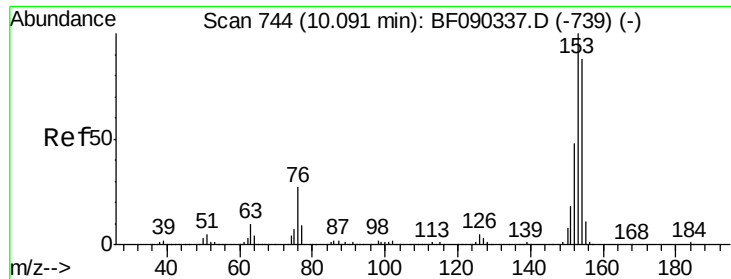


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.38 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

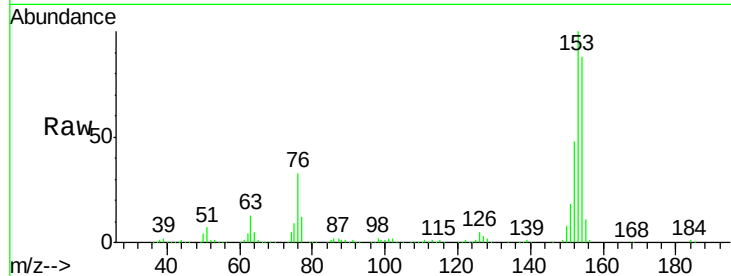
Tgt Ion:154 Resp: 1197731

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

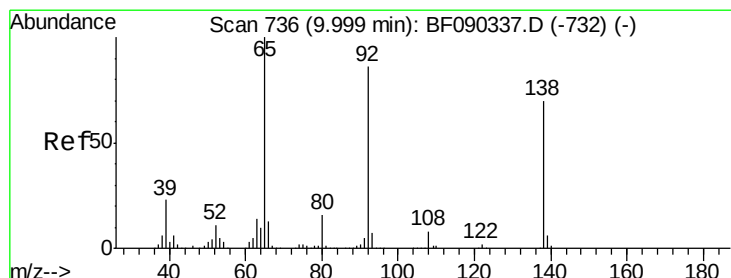
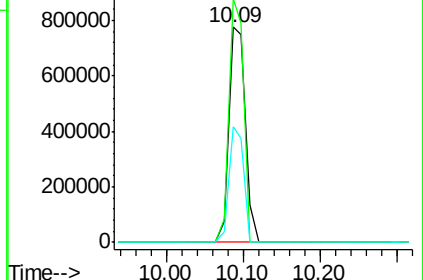
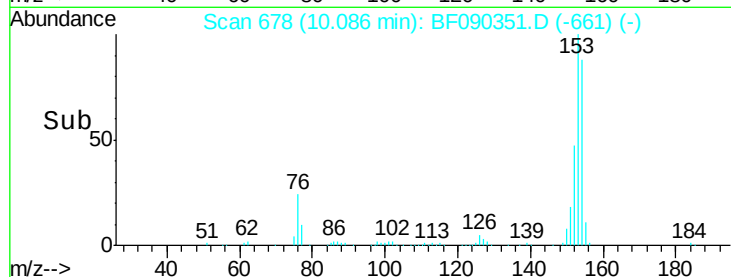
152 54.0 42.6 64.0



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: 23.09 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

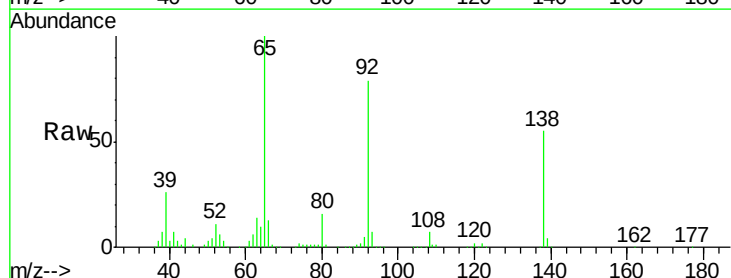
Tgt Ion:138 Resp: 156734

Ion Ratio Lower Upper

138 100

108 12.4 9.7 14.5

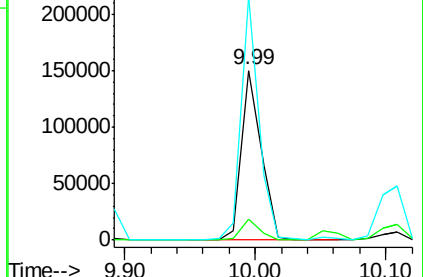
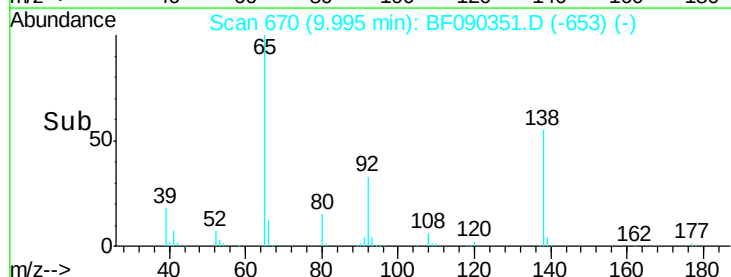
92 143.6 97.1 145.7

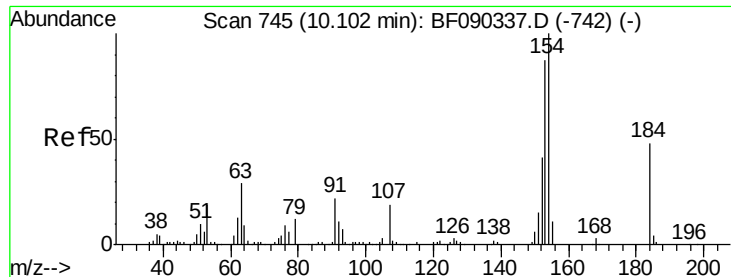


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

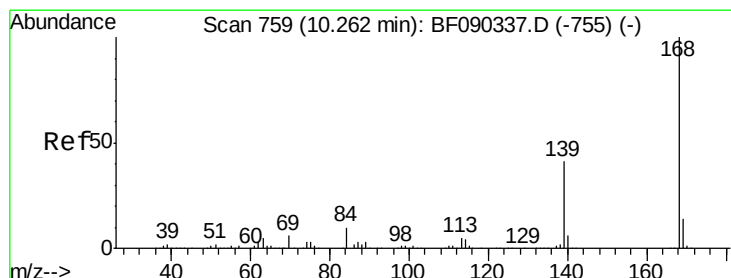
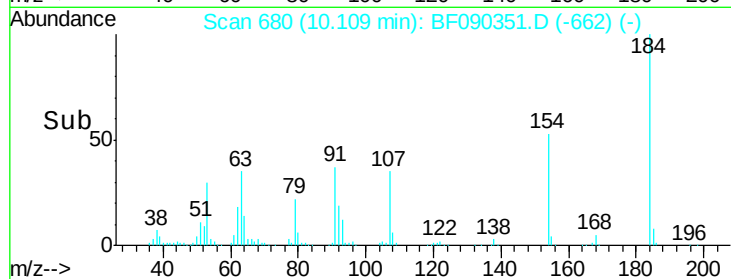
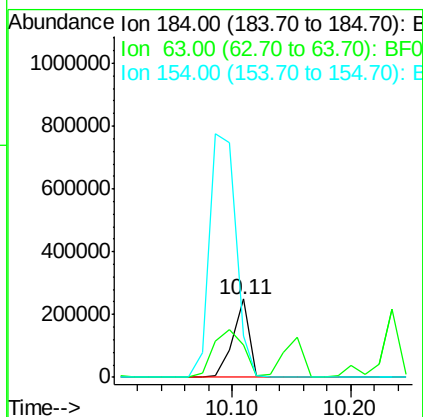
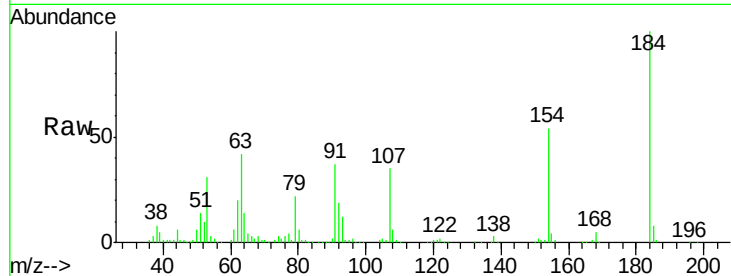




#53
 2,4-Dinitrophenol
 Concen: 104.56 ng
 RT: 10.11 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

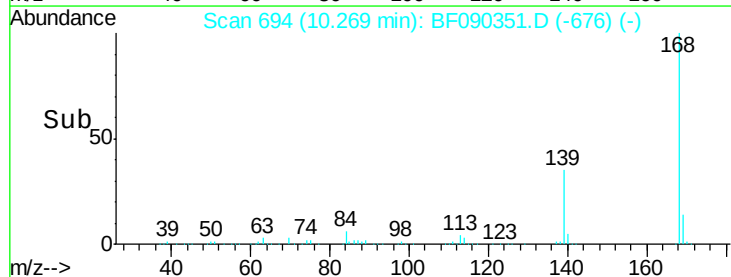
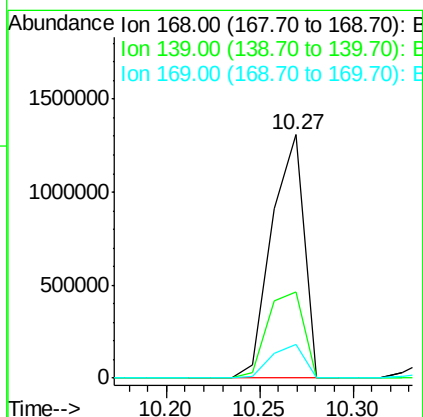
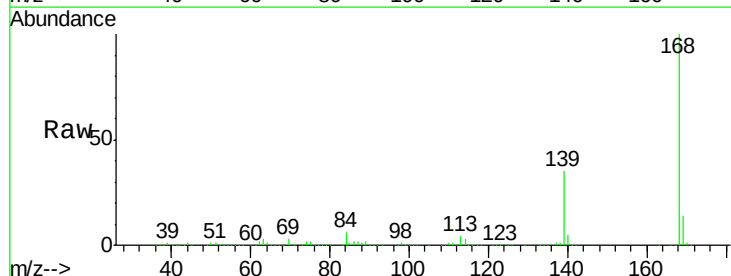
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

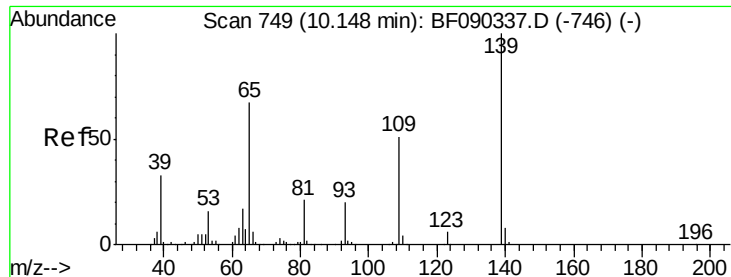
Tgt Ion:184 Resp: 239685
 Ion Ratio Lower Upper
 184 100
 63 42.1 41.9 62.9
 154 53.6 48.9 73.3



#54
 Dibenzofuran
 Concen: 48.11 ng
 RT: 10.27 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:168 Resp: 1574688
 Ion Ratio Lower Upper
 168 100
 139 35.3 29.6 44.4
 169 13.6 11.3 16.9

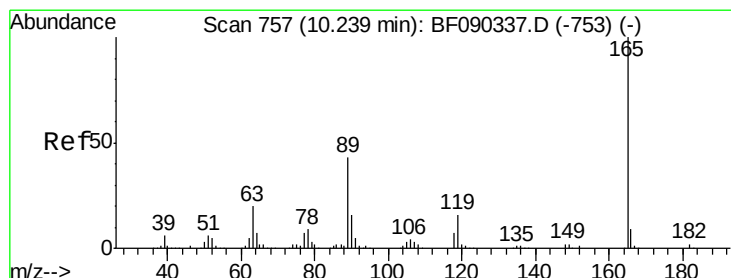
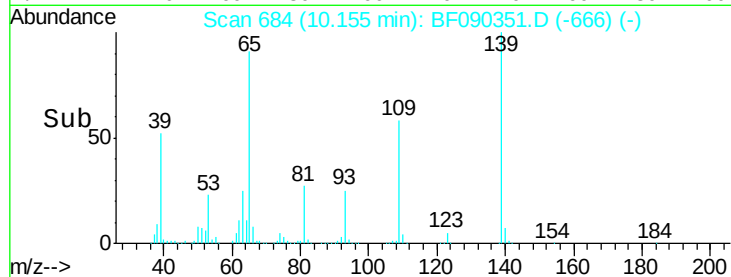
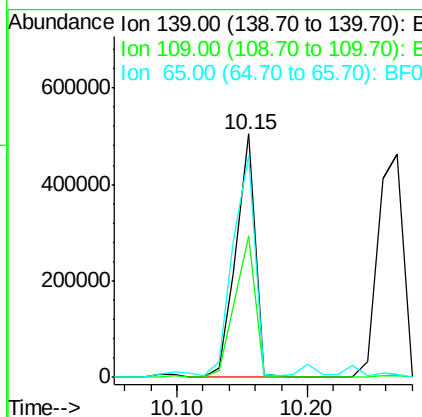
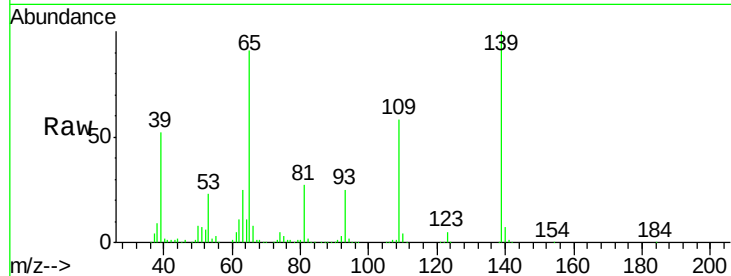




#55
4-Nitrophenol
Concen: 95.03 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

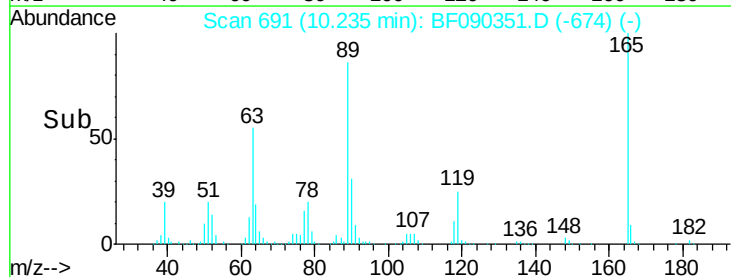
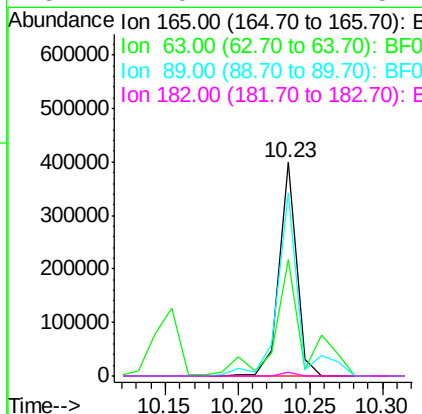
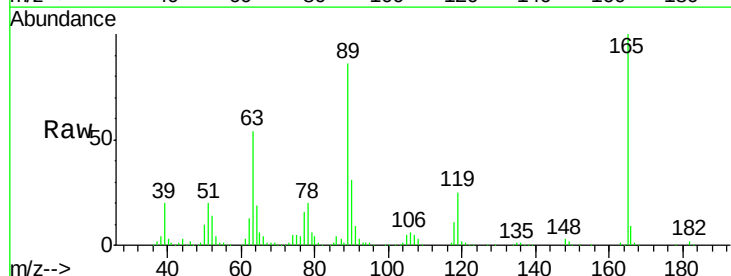
Instrument :
BNA_F
ClientSampleId :
PB93723BS

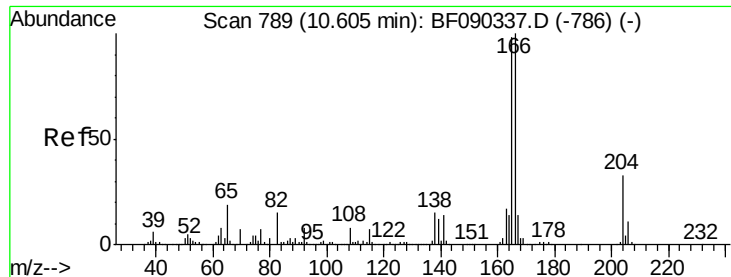
Tgt Ion:139 Resp: 513581
Ion Ratio Lower Upper
139 100
109 57.9 43.6 83.6
65 91.2 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 46.09 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:165 Resp: 332405
Ion Ratio Lower Upper
165 100
63 54.4 17.8 26.6#
89 85.6 33.2 49.8#
182 2.0 2.1 3.1#

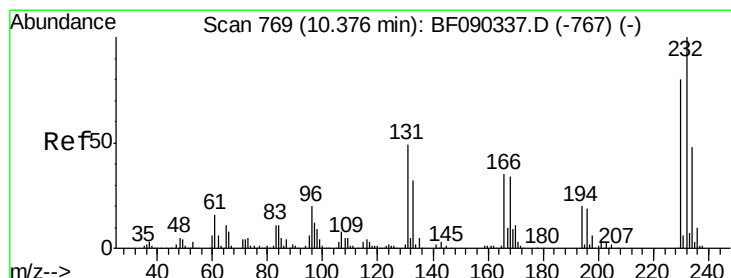
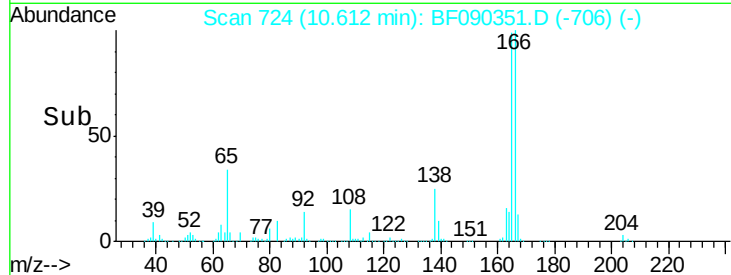
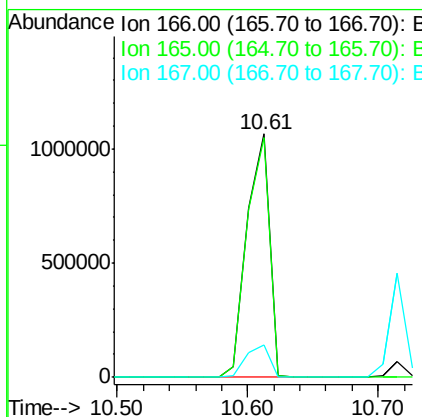
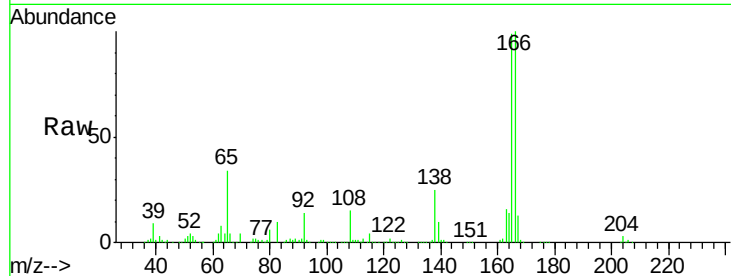




#57
 Fluorene
 Concen: 46.69 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

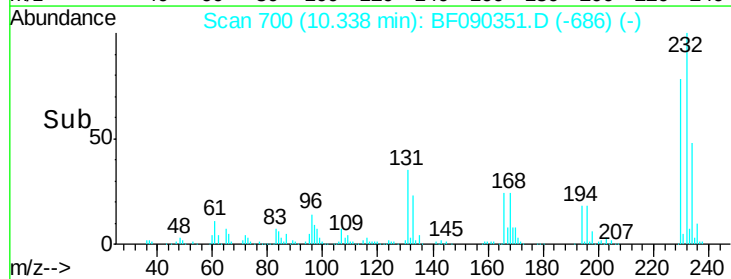
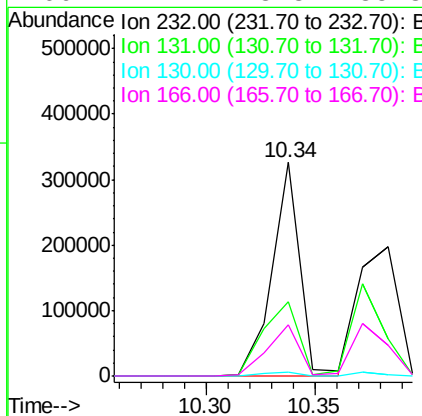
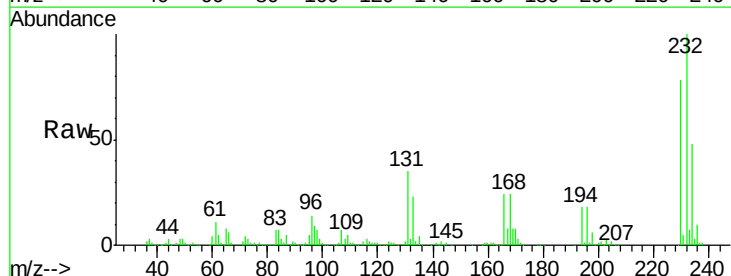
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

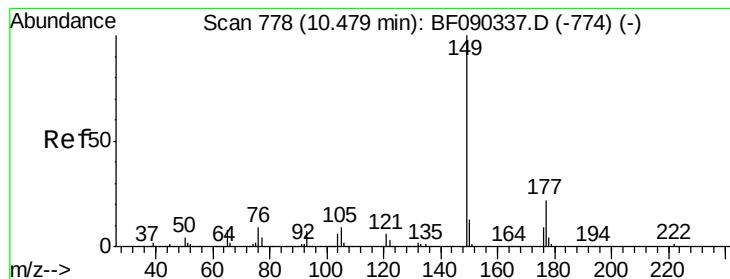
Tgt Ion:166 Resp: 1278251
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.2 118.8
 167 13.4 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.96 ng
 RT: 10.34 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:232 Resp: 291270
 Ion Ratio Lower Upper
 232 100
 131 45.1 34.5 51.7
 130 2.3 1.6 2.4
 166 27.4 23.8 35.8





#59

Diethylphthalate

Concen: 42.03 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

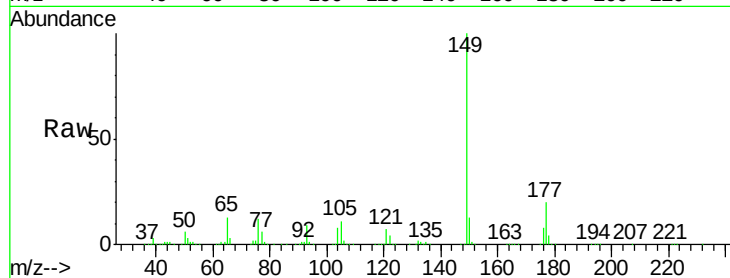
Tgt Ion:149 Resp: 1176705

Ion Ratio Lower Upper

149 100

177 19.7 21.1 31.7#

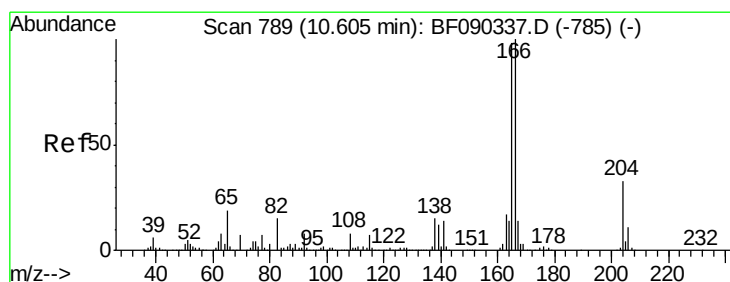
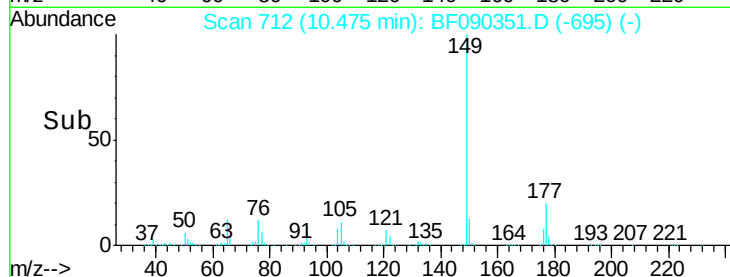
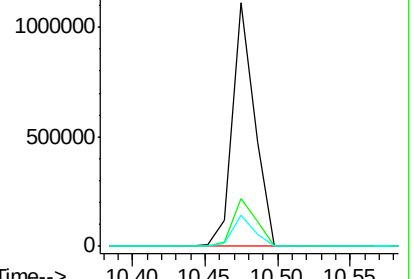
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.04 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

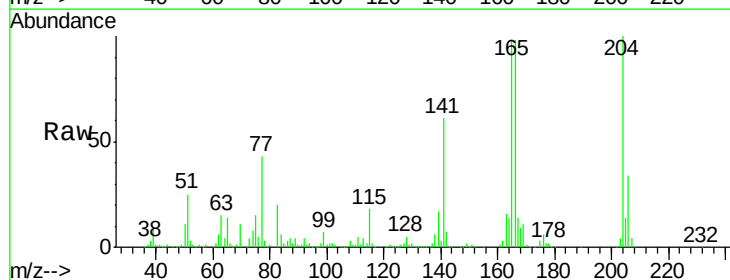
Tgt Ion:204 Resp: 610753

Ion Ratio Lower Upper

204 100

206 33.6 26.7 40.1

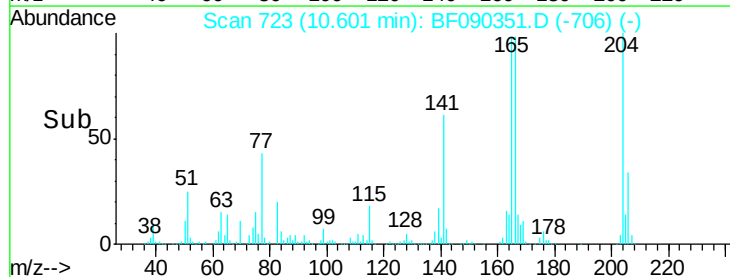
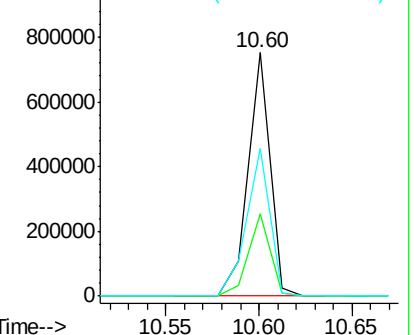
141 60.7 51.7 77.5

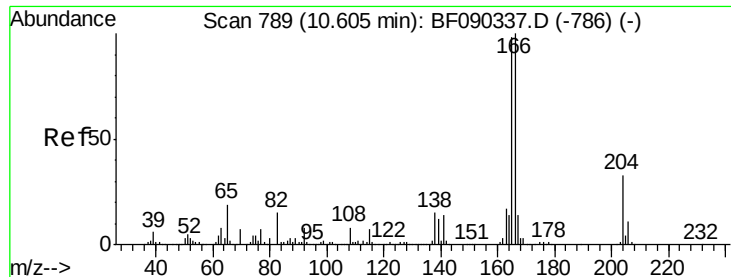


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

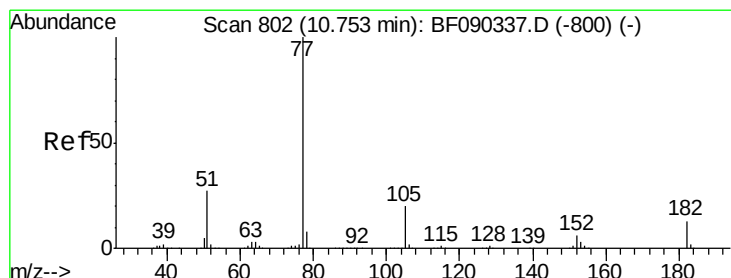
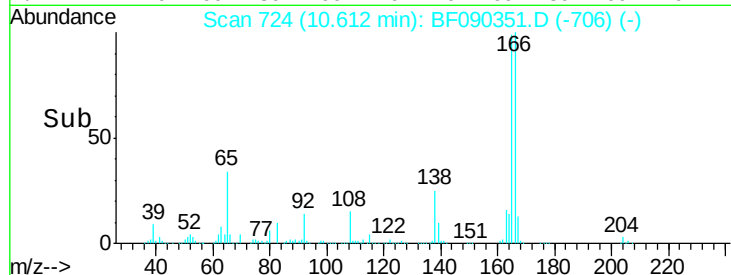
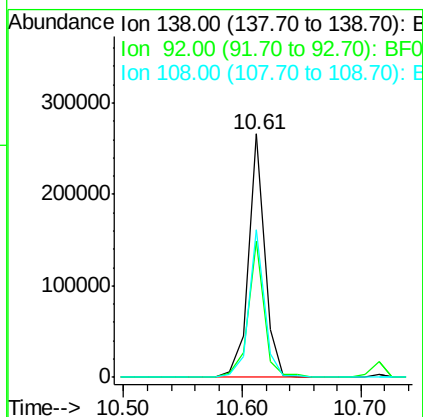
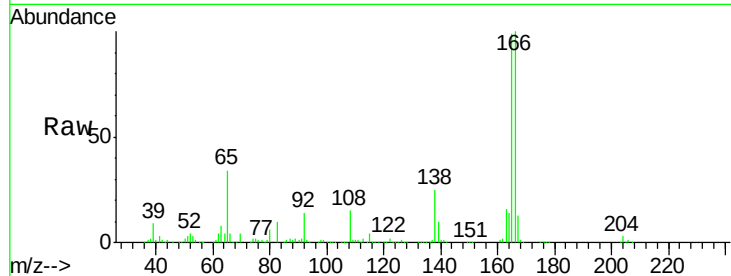




#61
4-Nitroaniline
Concen: 42.03 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

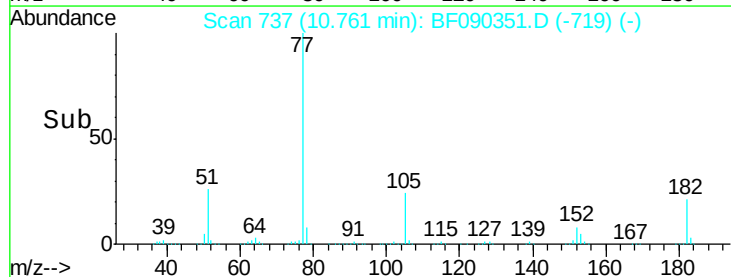
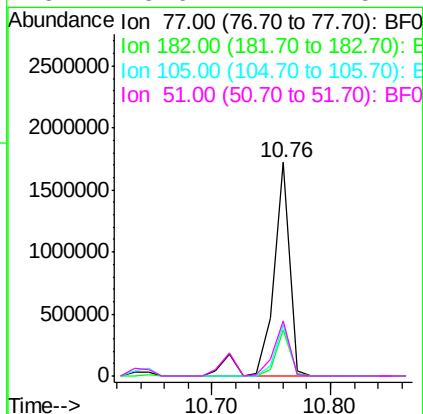
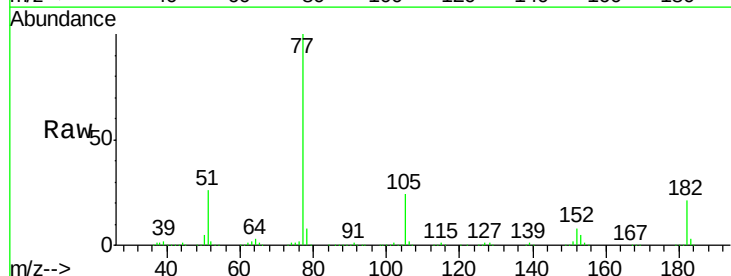
Instrument :
BNA_F
ClientSampleId :
PB93723BS

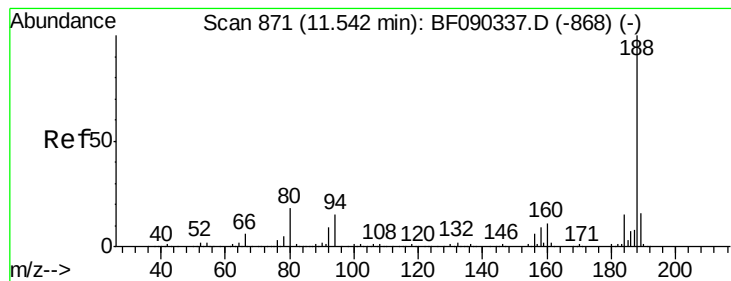
Tgt Ion:138 Resp: 256598
Ion Ratio Lower Upper
138 100
92 55.8 33.2 73.2
108 60.6 48.5 88.5



#62
Azobenzene
Concen: 57.73 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion: 77 Resp: 1684656
Ion Ratio Lower Upper
77 100
182 21.3 3.2 43.2
105 23.9 2.9 42.9
51 25.6 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

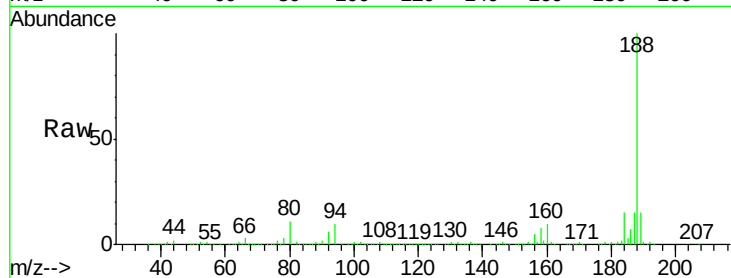
Tgt Ion:188 Resp: 672077

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

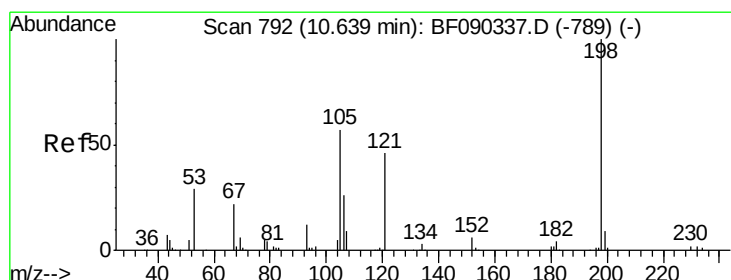
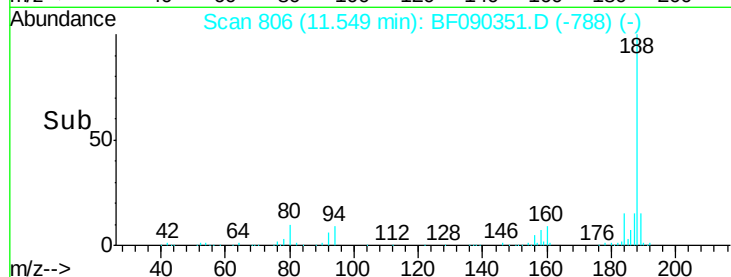
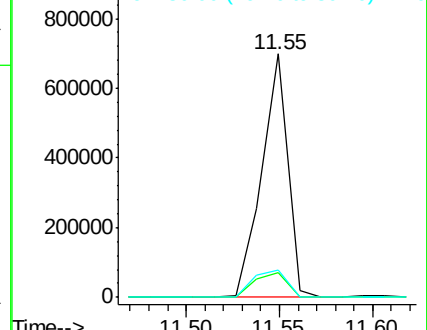
80 11.1 8.8 13.2



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: 48.37 ng

RT: 10.65 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

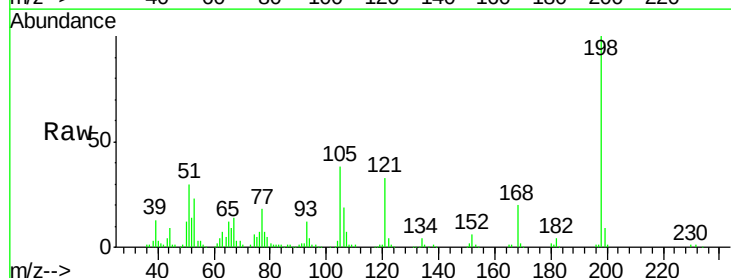
Tgt Ion:198 Resp: 147650

Ion Ratio Lower Upper

198 100

51 30.4 67.3 107.3#

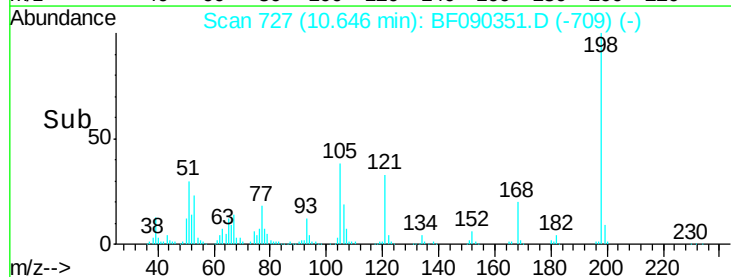
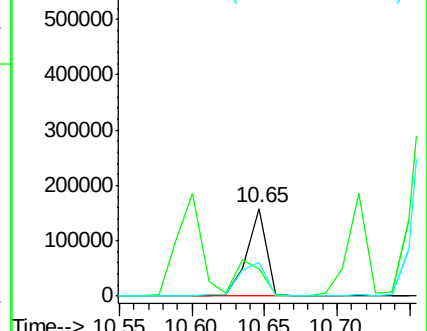
105 38.4 42.6 82.6#

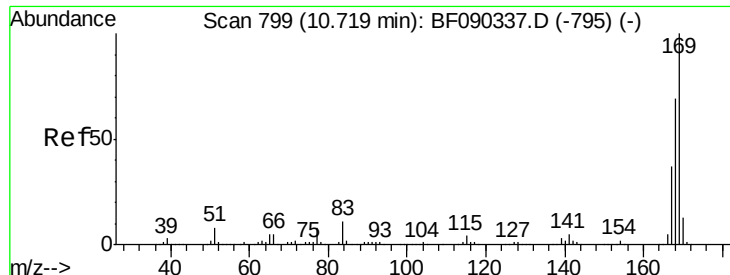


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

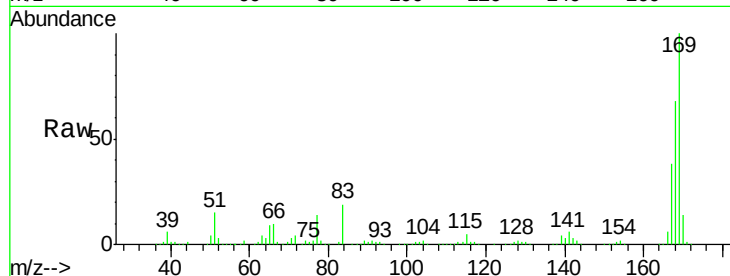




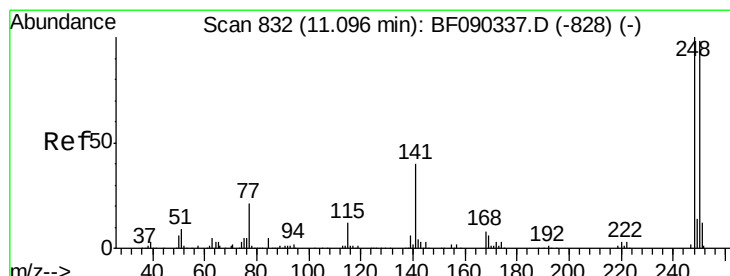
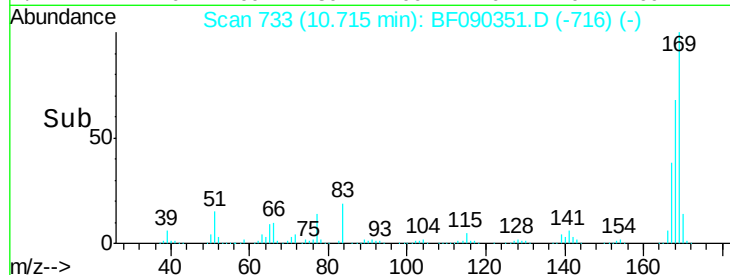
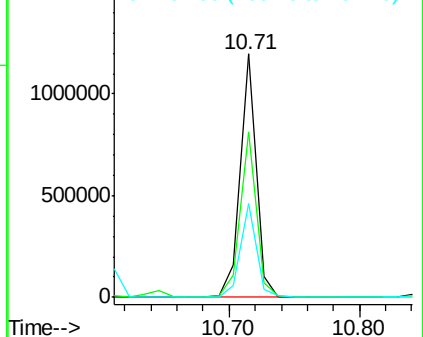
#65
 n-Nitrosodiphenylamine
 Concen: 44.02 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:169 Resp: 1008798
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.6
 167 38.3 29.8 44.8

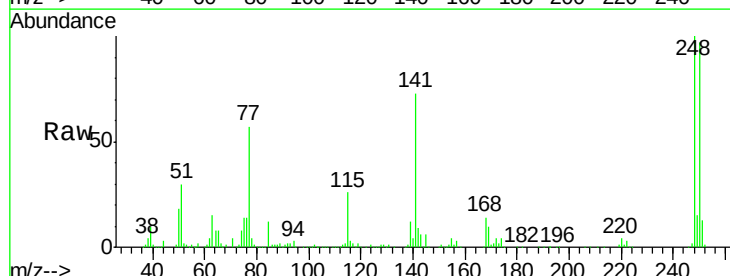


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

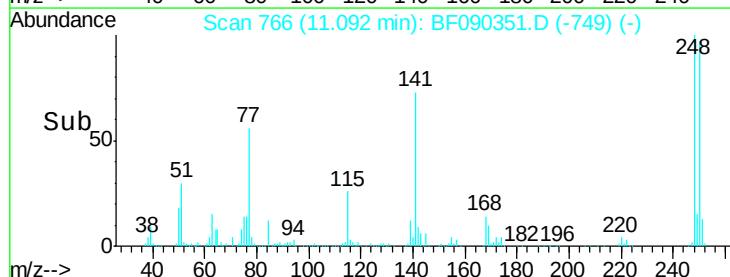
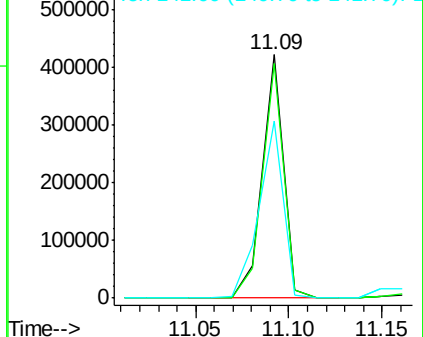


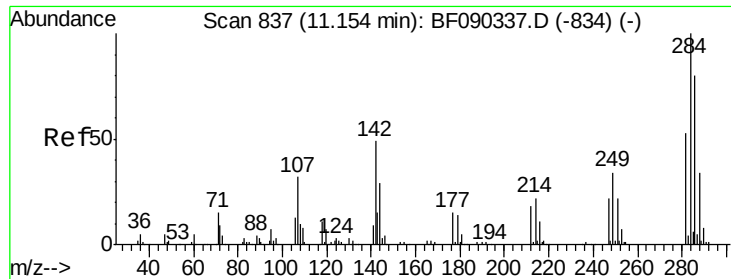
#66
 4-Bromophenyl-phenylether
 Concen: 46.48 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:248 Resp: 337602
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.5 114.7
 141 72.8 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

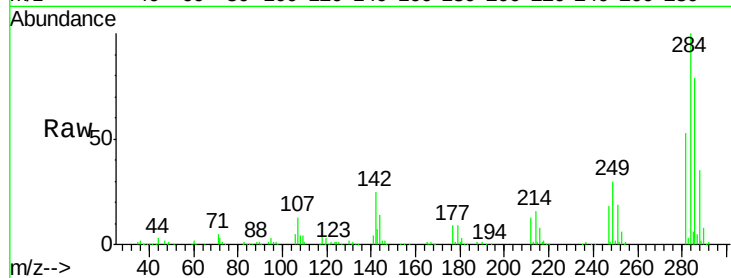




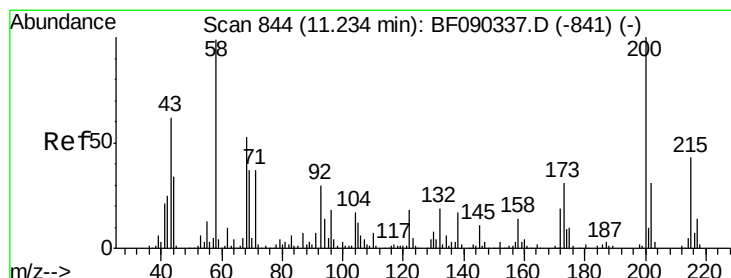
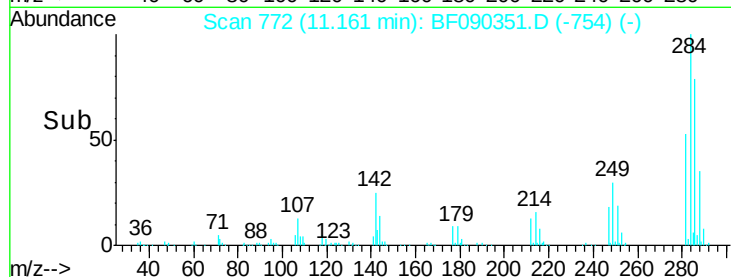
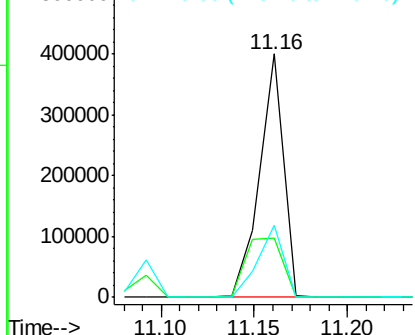
#67
Hexachlorobenzene
Concen: 41.65 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion: 284 Resp: 355500
Ion Ratio Lower Upper
284 100
142 24.6 23.1 34.7
249 29.8 26.3 39.5

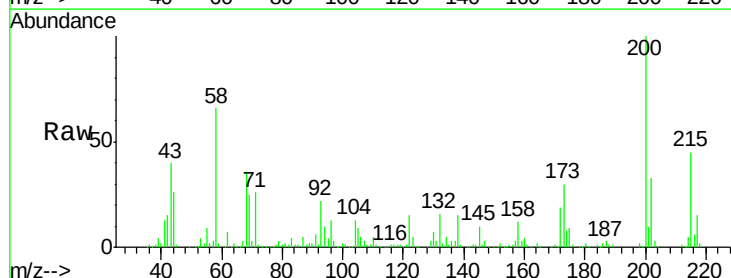


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

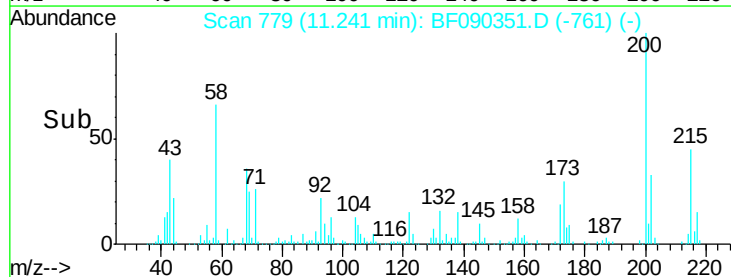
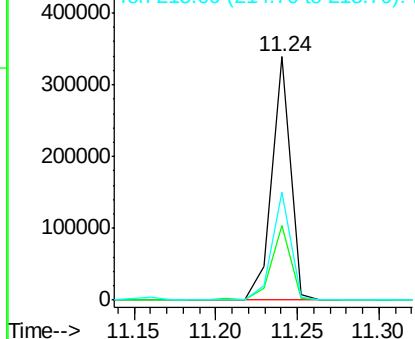


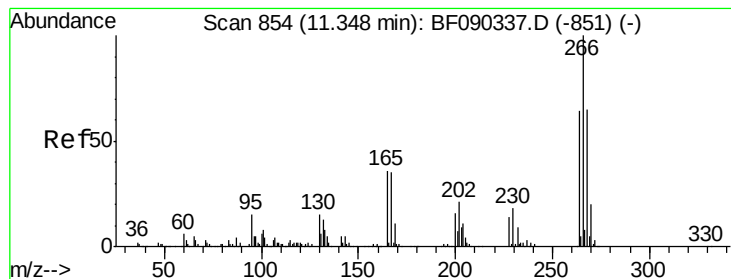
#68
Atrazine
Concen: 49.41 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion: 200 Resp: 271081
Ion Ratio Lower Upper
200 100
173 30.5 9.0 49.0
215 44.5 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: 73.22 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

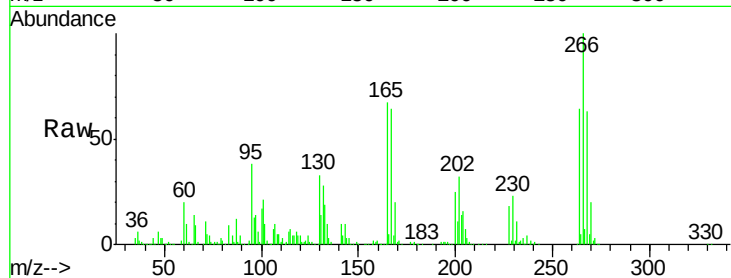
Tgt Ion:266 Resp: 350334

Ion Ratio Lower Upper

266 100

268 63.0 50.9 76.3

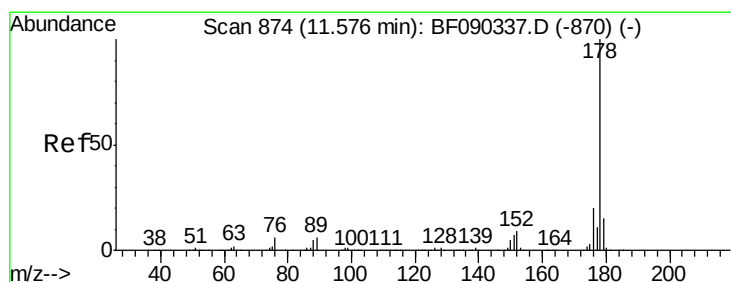
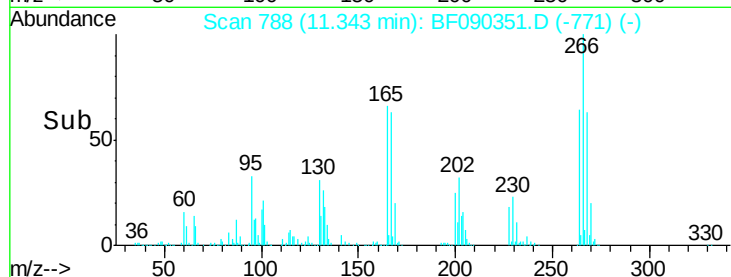
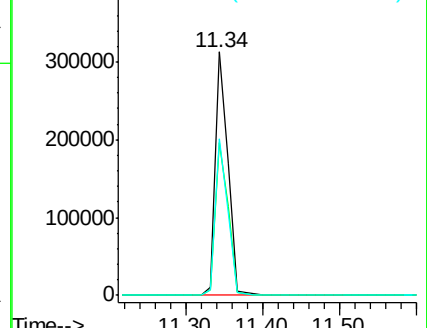
264 64.4 51.5 77.3



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: 45.09 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

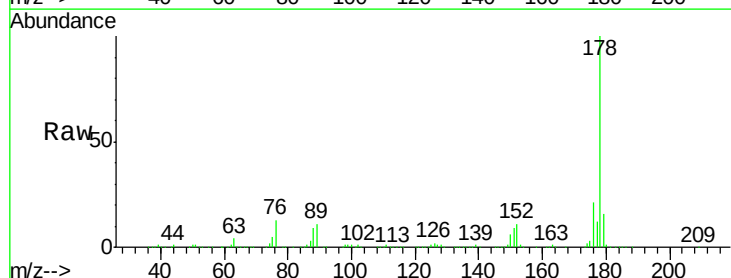
Tgt Ion:178 Resp: 1625881

Ion Ratio Lower Upper

178 100

176 20.9 17.3 25.9

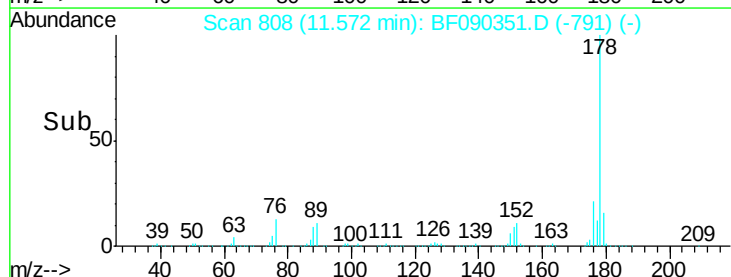
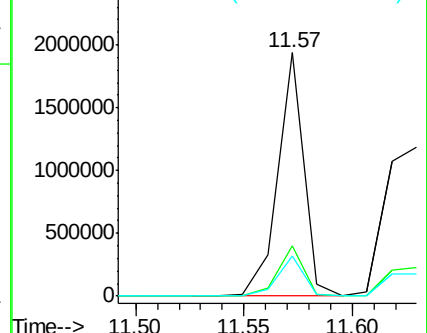
179 16.3 13.8 20.6

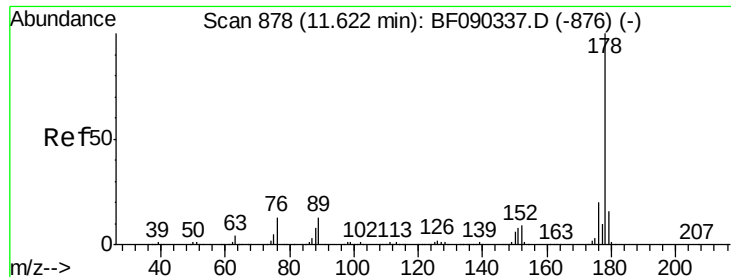


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

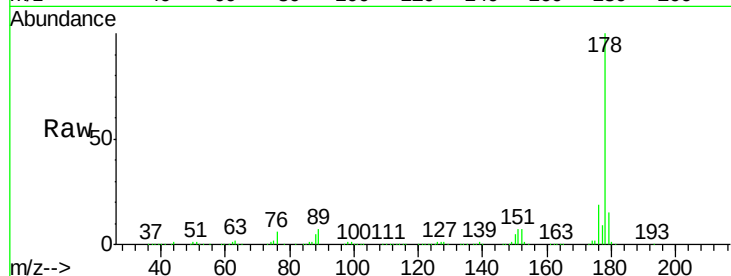




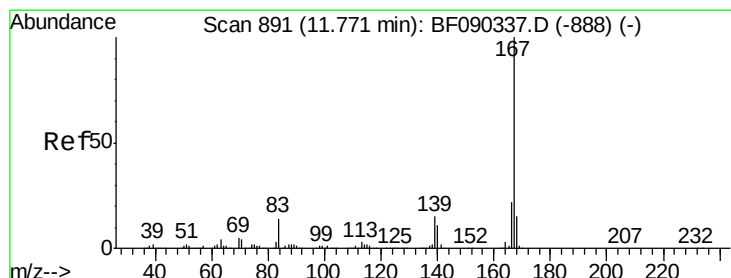
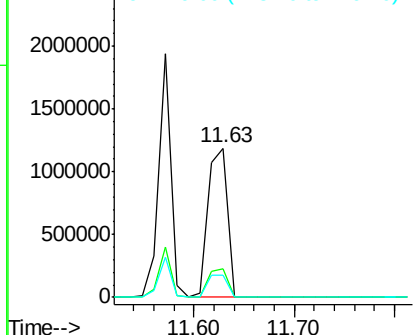
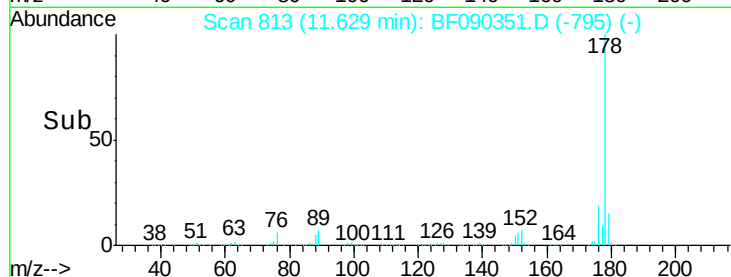
#71
 Anthracene
 Concen: 44.01 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

Tgt Ion:178 Resp: 1583866
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.8 25.2
 179 15.3 13.4 20.2

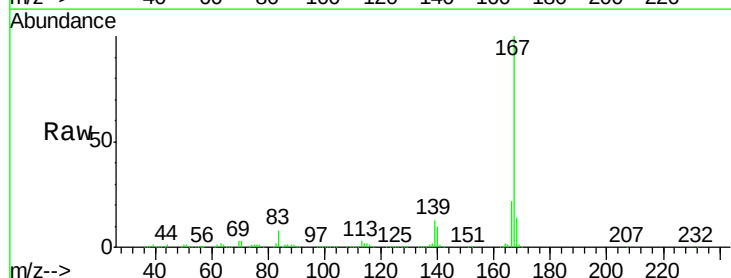


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

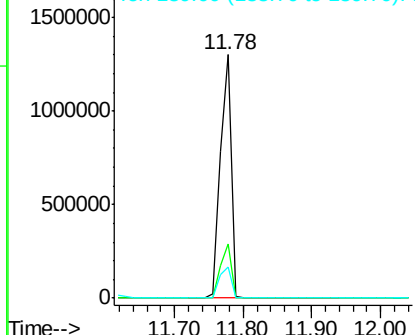
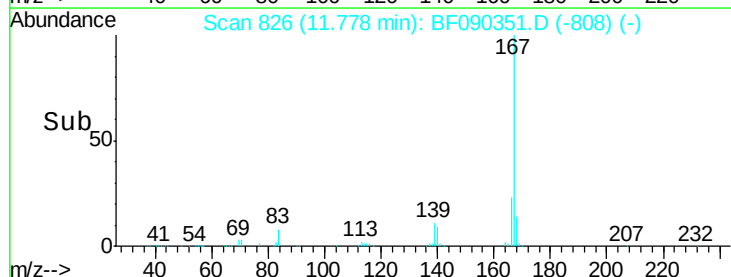


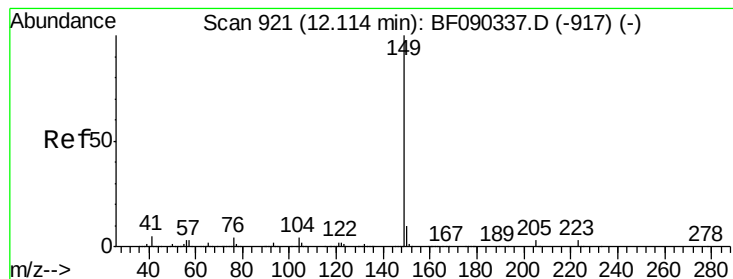
#72
 Carbazole
 Concen: 44.10 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:167 Resp: 1459233
 Ion Ratio Lower Upper
 167 100
 166 22.5 19.1 28.7
 139 12.7 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: 43.64 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

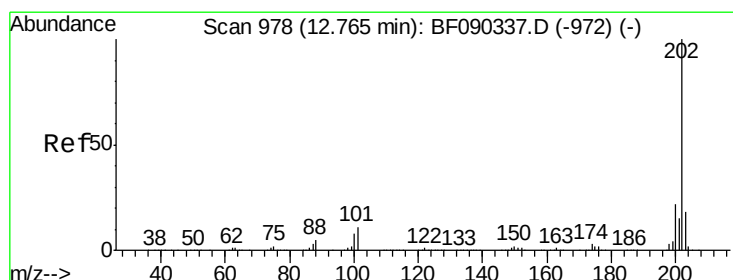
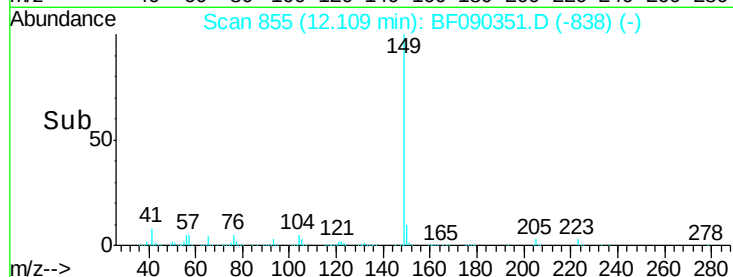
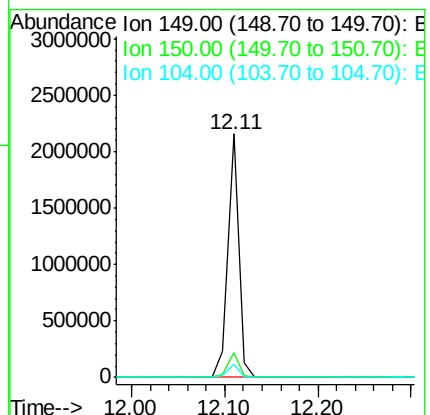
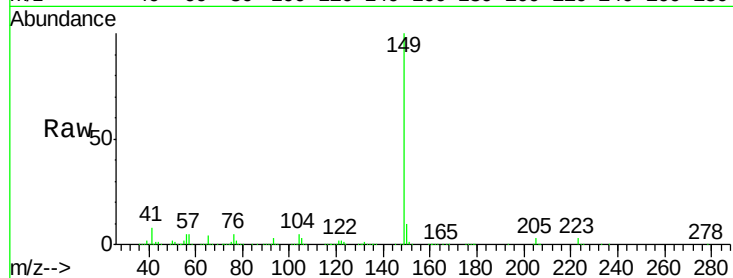
Tgt Ion:149 Resp: 1725385

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

104 5.2 4.7 7.1



#74

Fluoranthene

Concen: 41.08 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

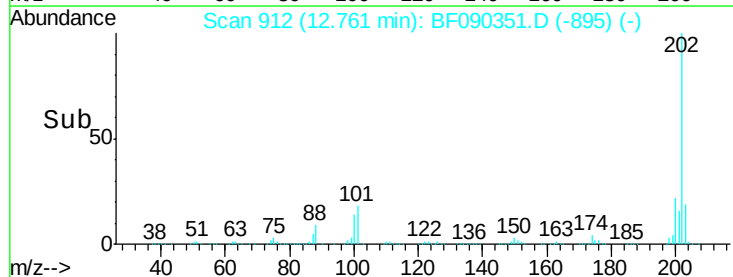
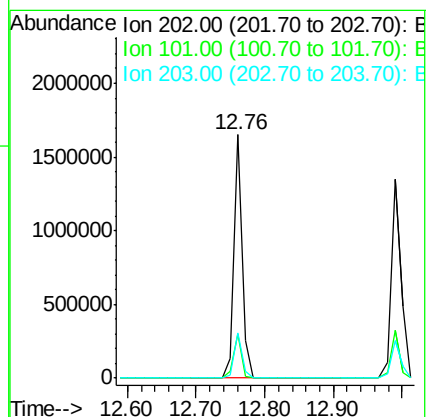
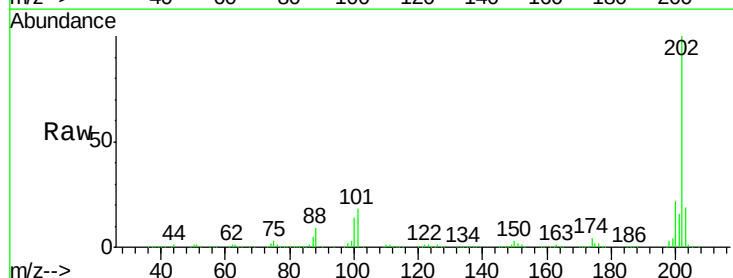
Tgt Ion:202 Resp: 1404997

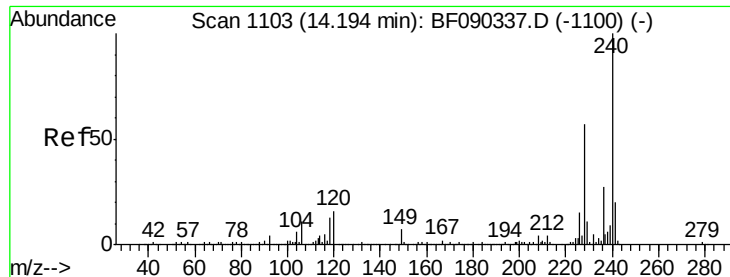
Ion Ratio Lower Upper

202 100

101 18.3 0.0 37.2

203 18.5 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

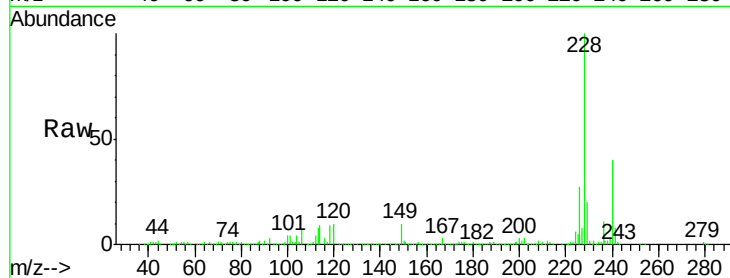
Tgt Ion:240 Resp: 478841

Ion Ratio Lower Upper

240 100

120 24.5 8.6 13.0#

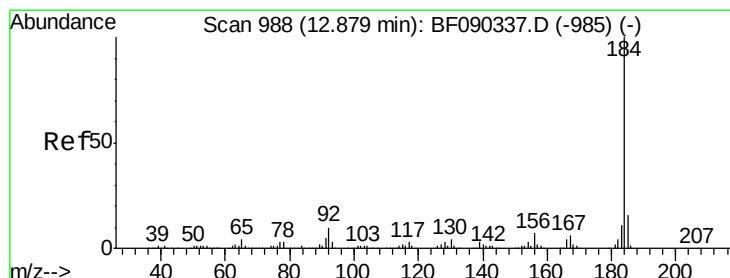
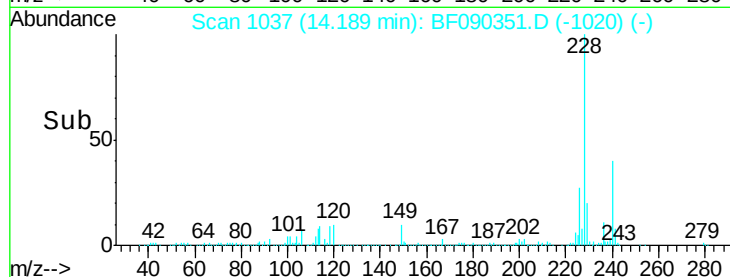
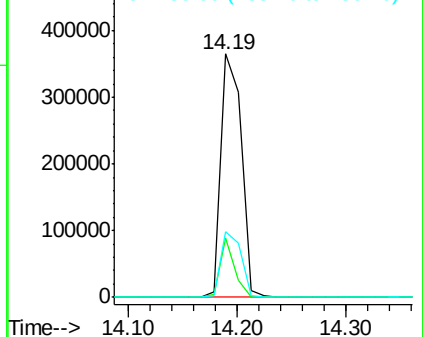
236 26.9 21.6 32.4



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: 31.24 ng

RT: 12.88 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

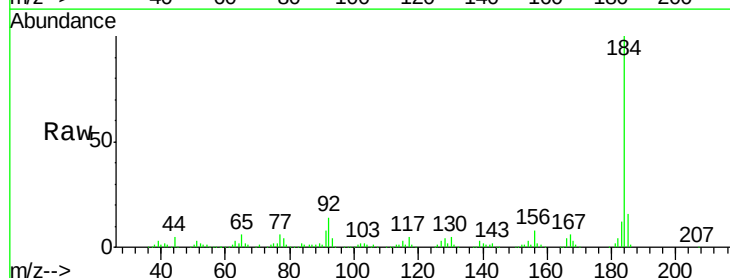
Tgt Ion:184 Resp: 411379

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

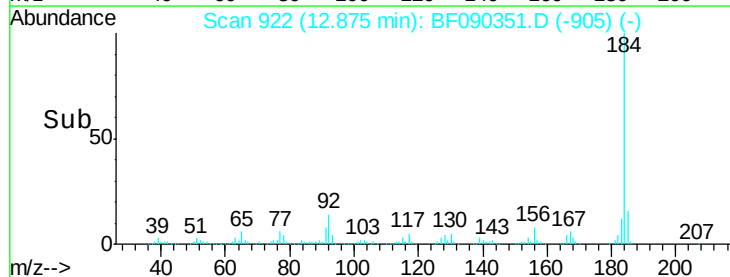
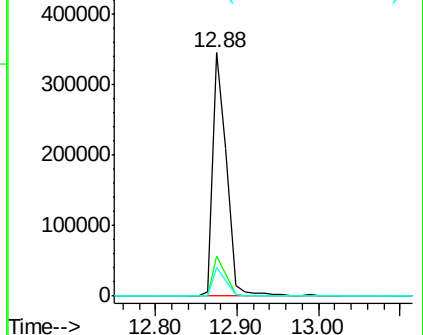
183 11.6 9.6 14.4

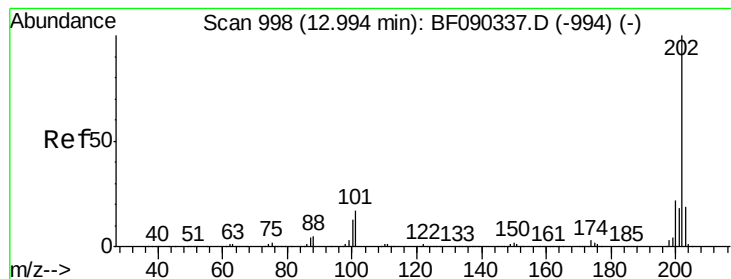


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.82 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

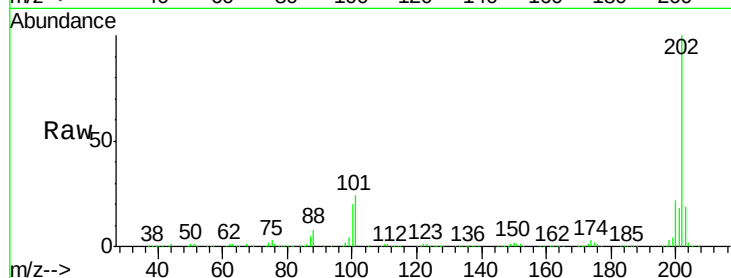
Tgt Ion:202 Resp: 1343491

Ion Ratio Lower Upper

202 100

200 22.2 18.5 27.7

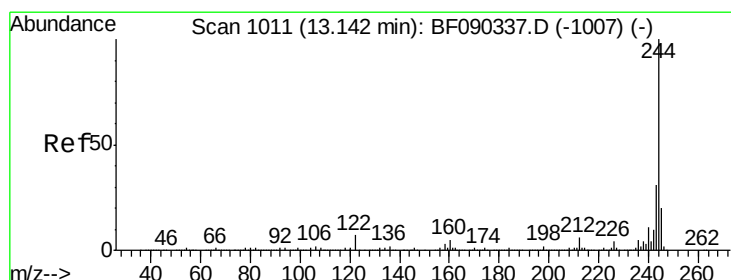
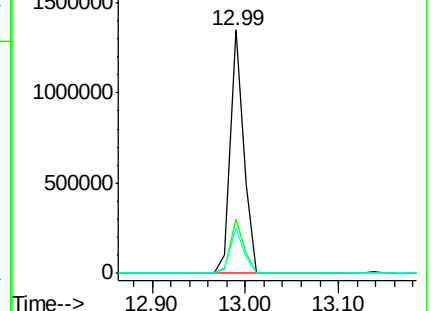
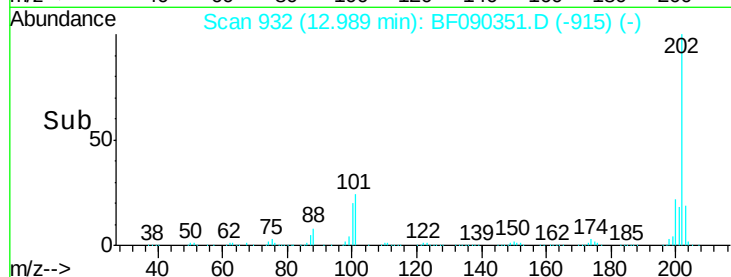
203 18.7 15.0 22.6



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: 97.18 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

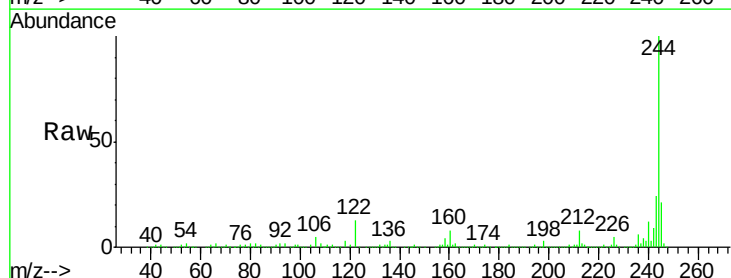
Tgt Ion:244 Resp: 1998683

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

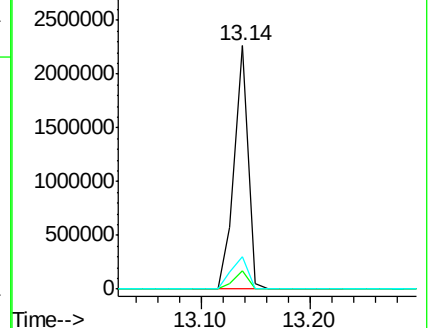
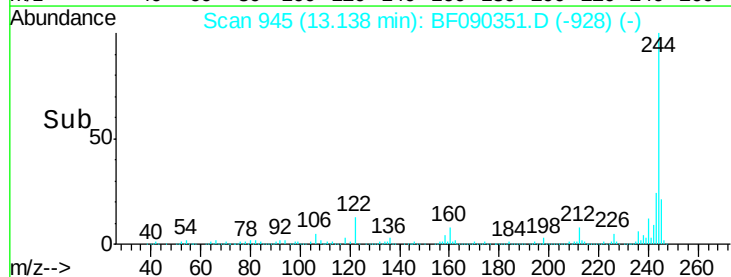
122 13.1 13.3 19.9#

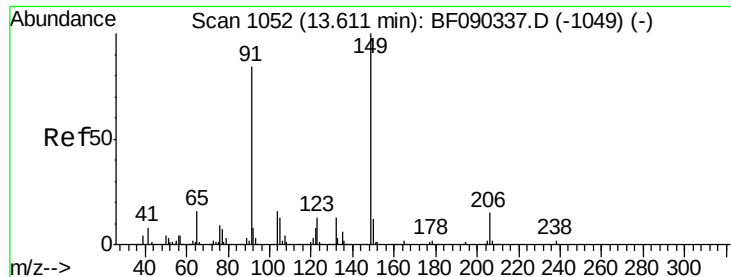


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

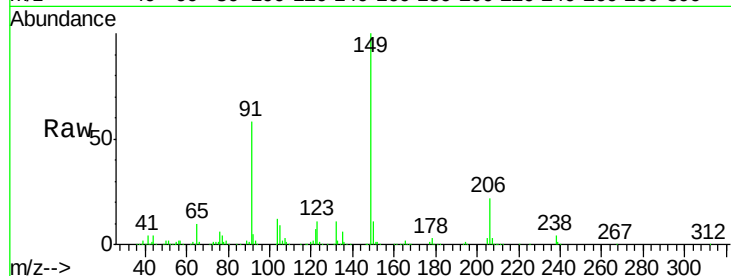




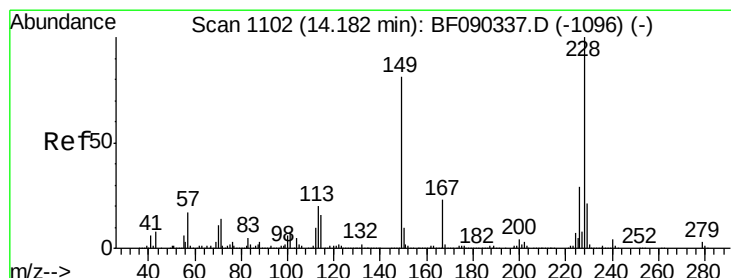
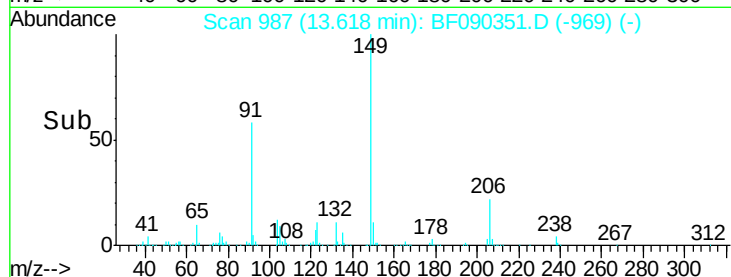
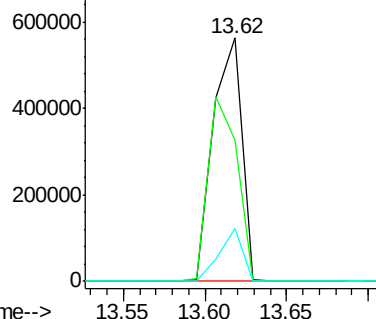
#79
Butylbenzylphthalate
Concen: 56.54 ng
RT: 13.62 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:149 Resp: 683159
Ion Ratio Lower Upper
149 100
91 57.9 51.8 77.8
206 21.7 18.0 27.0

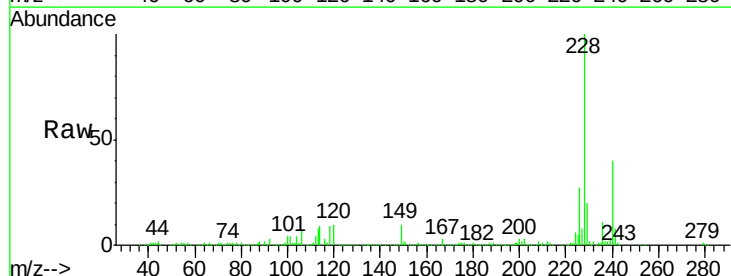


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

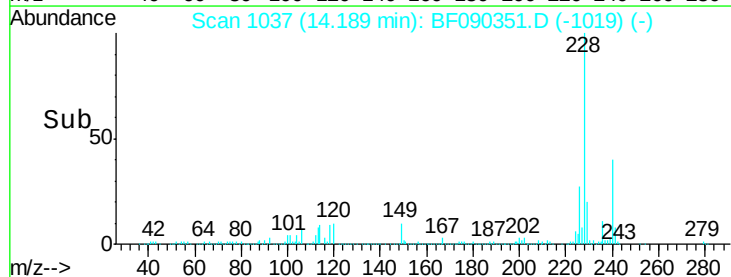
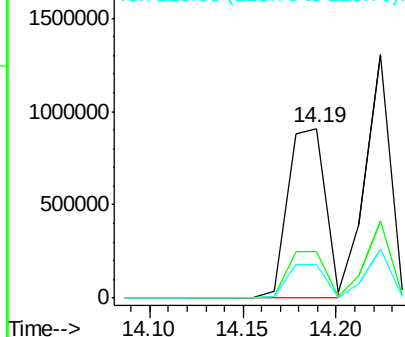


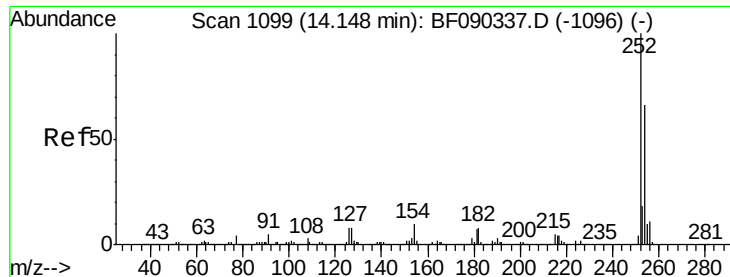
#80
Benzo(a)anthracene
Concen: 47.48 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:228 Resp: 1274959
Ion Ratio Lower Upper
228 100
226 27.5 23.6 35.4
229 20.1 16.6 25.0



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

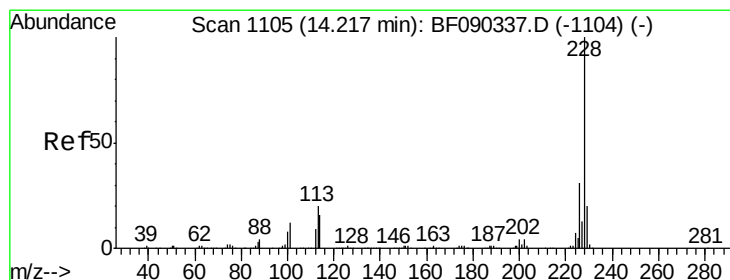
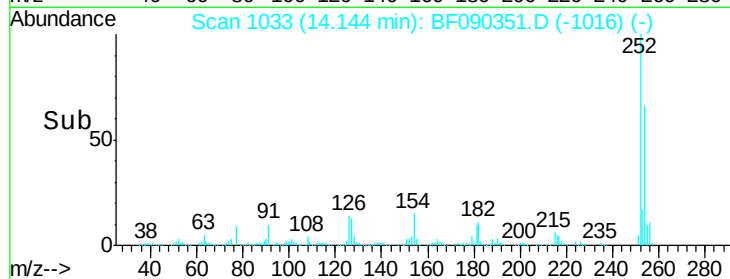
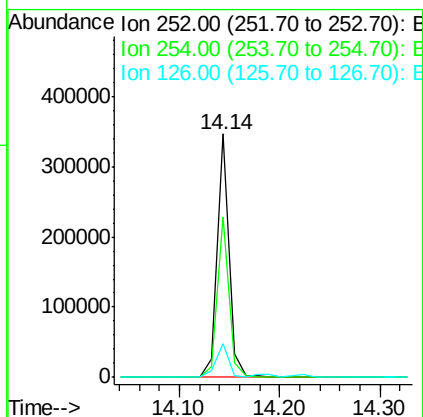
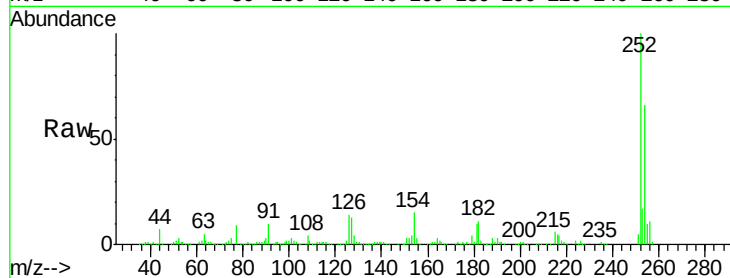




#81
 3,3'-Dichlorobenzidine
 Concen: 30.72 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

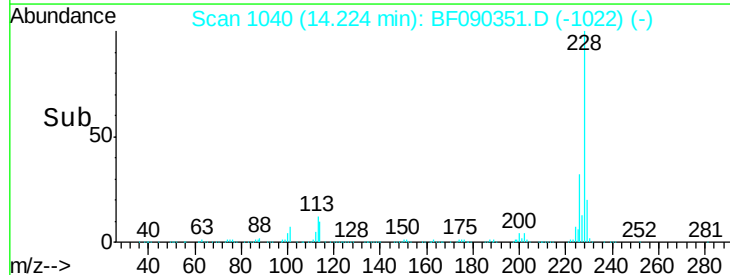
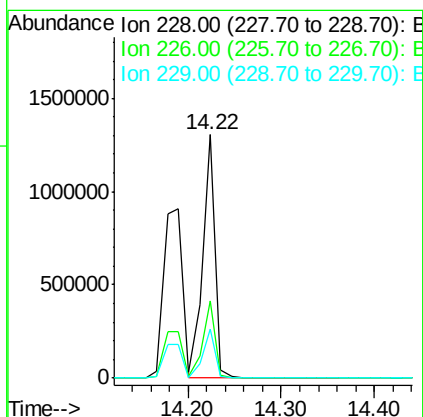
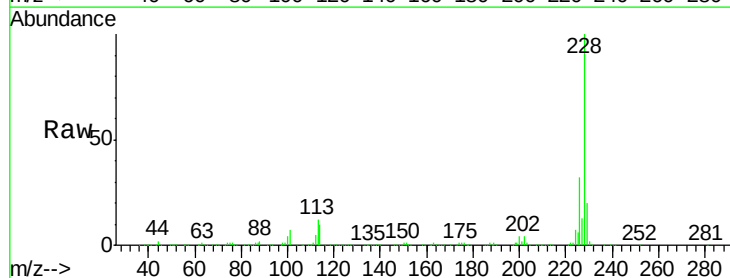
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

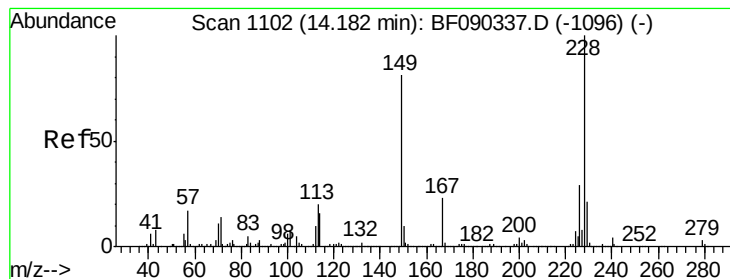
Tgt Ion:252 Resp: 284182
 Ion Ratio Lower Upper
 252 100
 254 66.1 52.1 78.1
 126 14.1 4.2 6.4#



#82
 Chrysene
 Concen: 48.05 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion:228 Resp: 1208907
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.8 38.6
 229 20.4 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.40 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

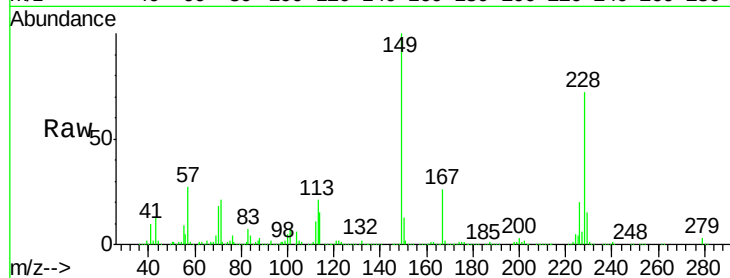
Tgt Ion:149 Resp: 1032254

Ion Ratio Lower Upper

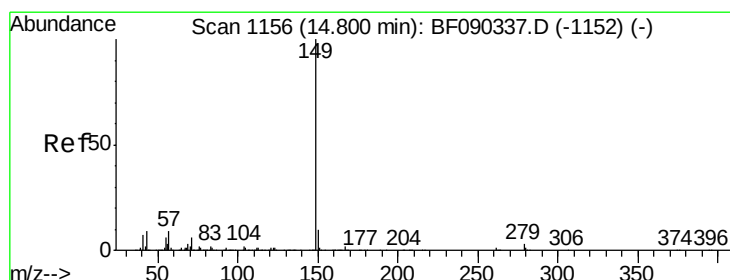
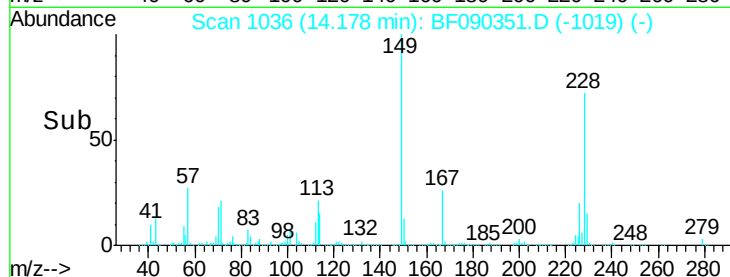
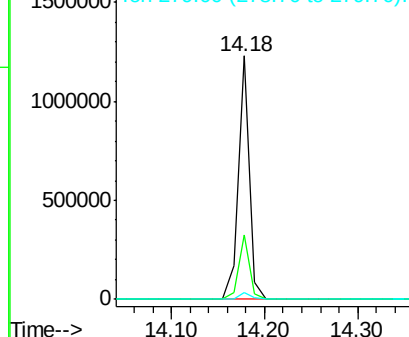
149 100

167 26.5 21.5 32.3

279 2.7 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: 55.42 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

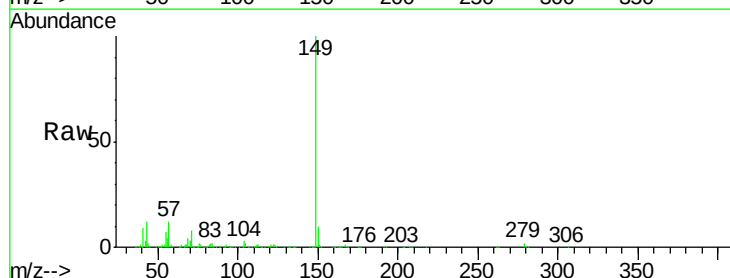
Tgt Ion:149 Resp: 1556429

Ion Ratio Lower Upper

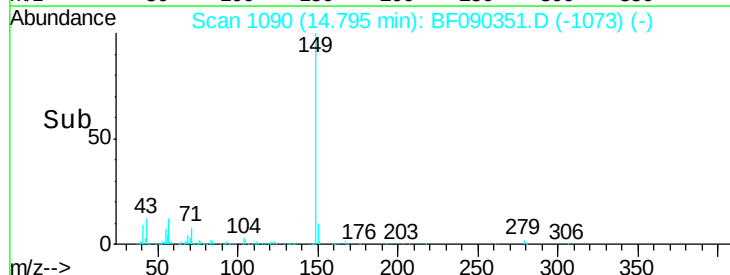
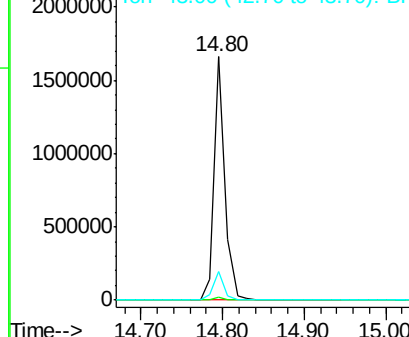
149 100

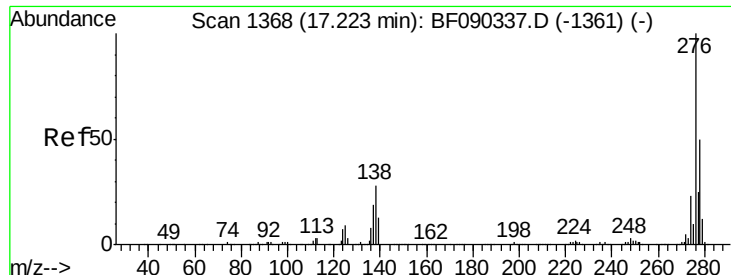
167 1.5 1.3 1.9

43 11.9 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

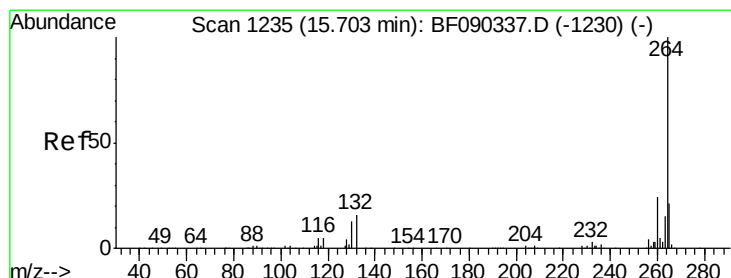
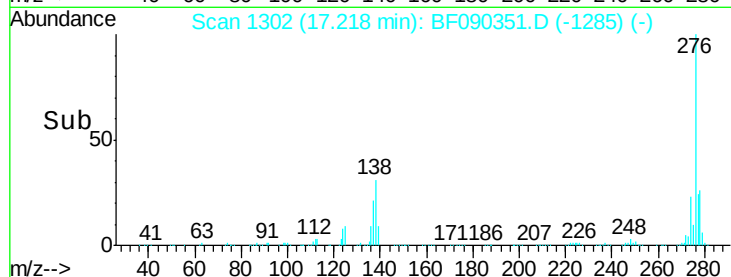
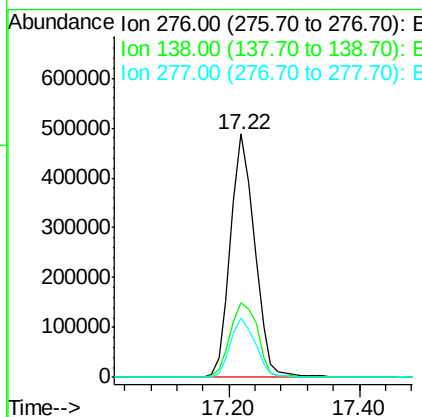
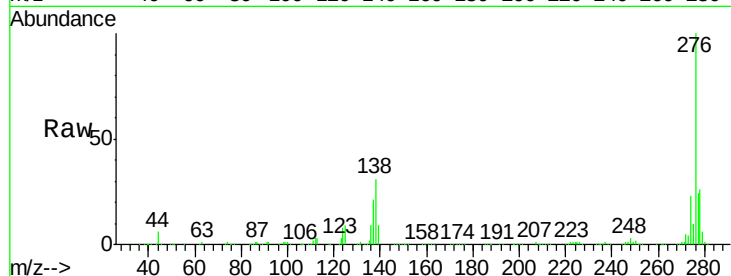




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.60 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

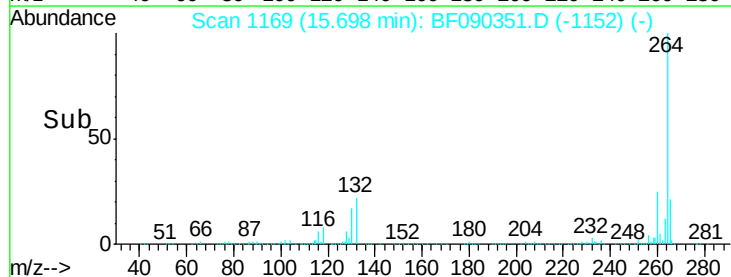
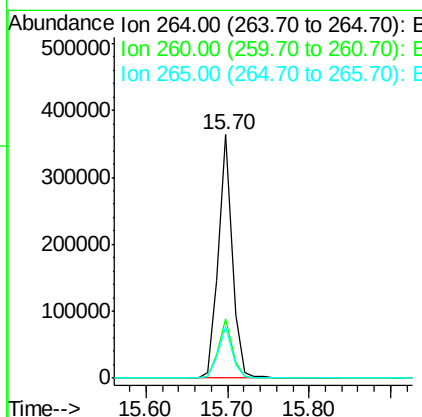
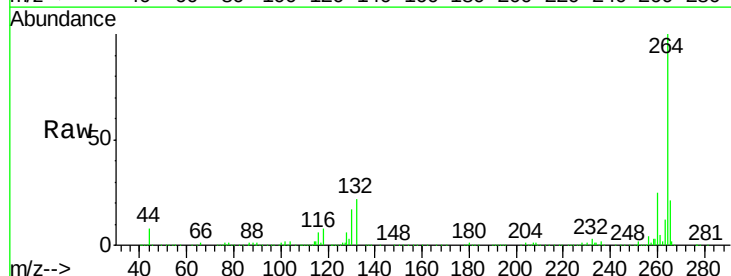
Instrument :
 BNA_F
 ClientSampleId :
 PB93723BS

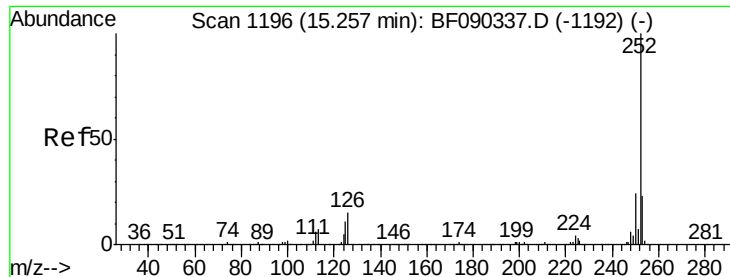
Tgt Ion: 276 Resp: 1260164
 Ion Ratio Lower Upper
 276 100
 138 35.0 23.8 35.8
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090351.D
 Acq: 4 Oct 2016 19:34

Tgt Ion: 264 Resp: 432613
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.4 17.4 26.0

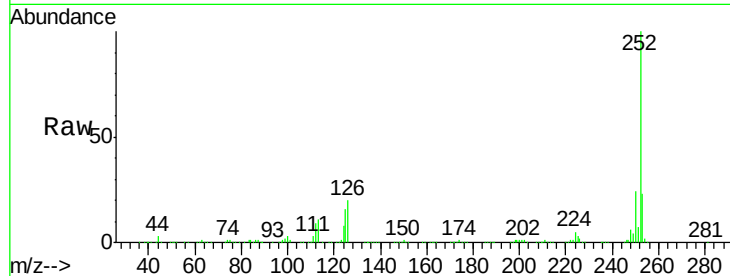




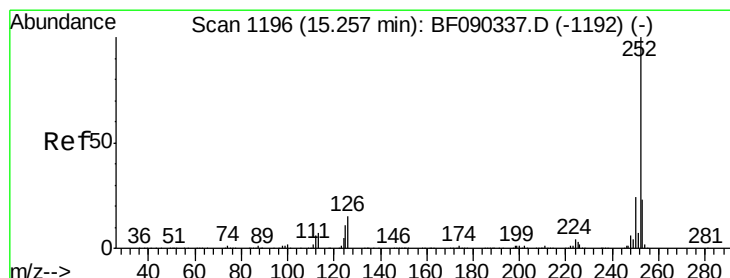
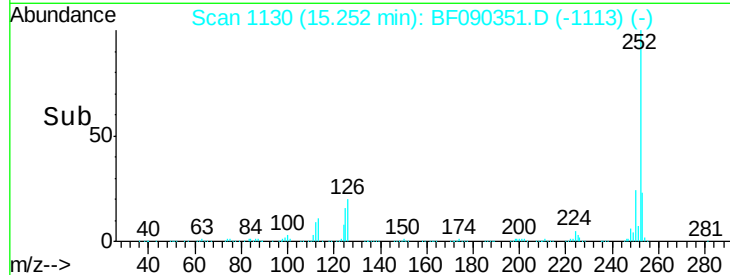
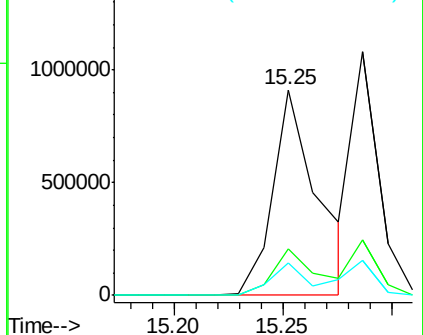
#87
Benzo(b)fluoranthene
Concen: 52.74 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Tgt Ion:252 Resp: 1312174
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 15.7 7.0 10.4#

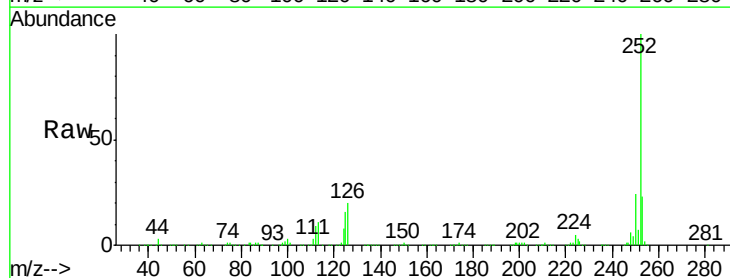


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

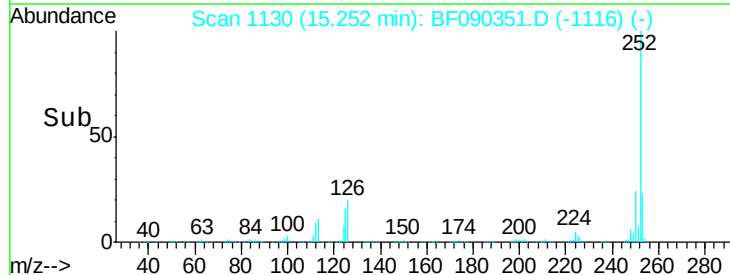
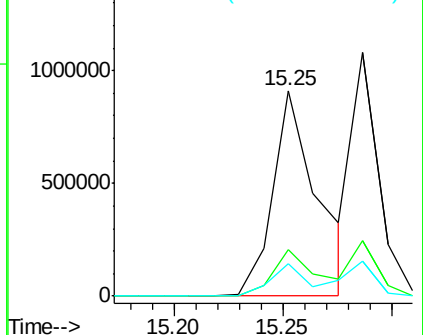


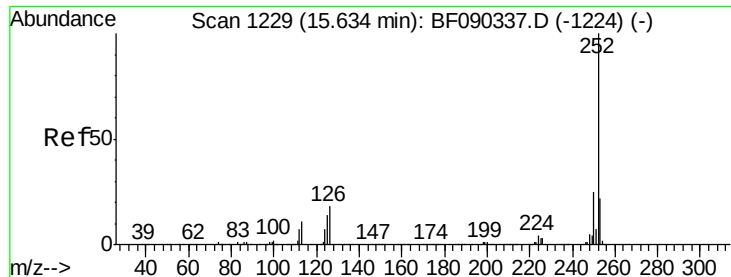
#88
Benzo(k)fluoranthene
Concen: 55.22 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BF090351.D
Acq: 4 Oct 2016 19:34

Tgt Ion:252 Resp: 1312174
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 15.7 11.7 17.5



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





#89

Benzo(a)pyrene

Concen: 48.36 ng

RT: 15.64 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

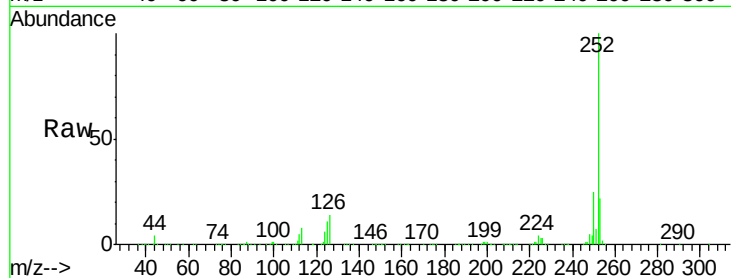
Tgt Ion:252 Resp: 1097337

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

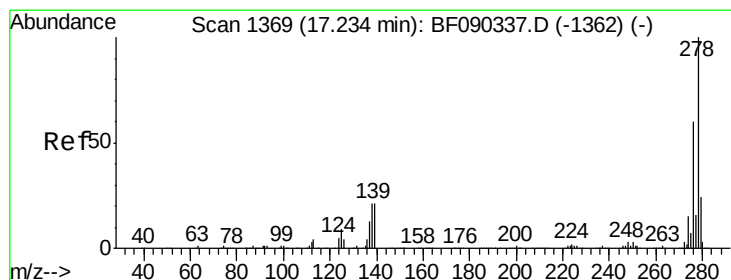
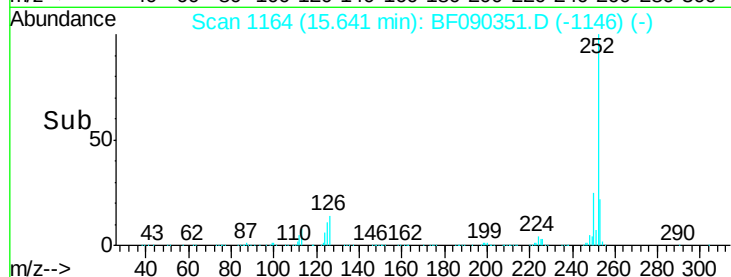
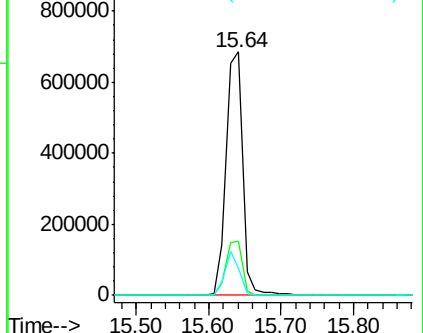
125 11.0 9.8 14.8



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: 48.57 ng

RT: 17.24 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

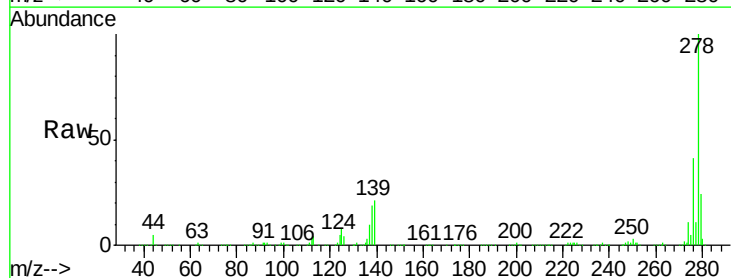
Tgt Ion:278 Resp: 1080800

Ion Ratio Lower Upper

278 100

139 21.1 12.8 19.2#

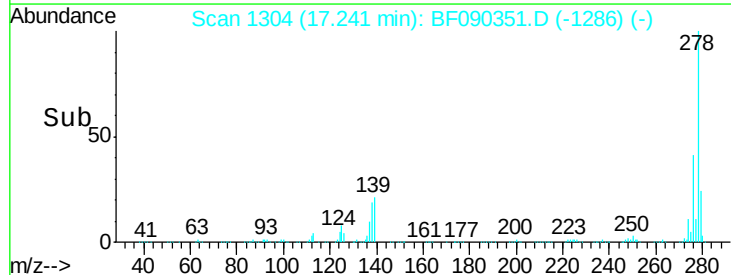
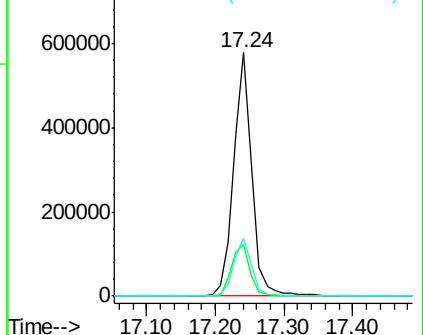
279 23.7 19.6 29.4

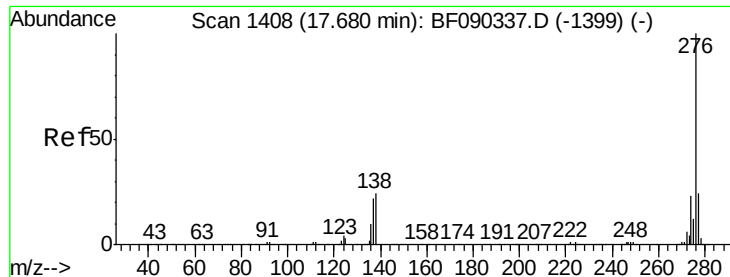


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.83 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090351.D

Acq: 4 Oct 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB93723BS

Tgt Ion: 276 Resp: 1064154

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 32.2 20.8 31.2#

